

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
 Data File : BF110926.D
 Acq On : 21 Nov 2018 14:15
 Operator : JU/SJ
 Sample : J6014-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-BUCKETSMSD

Manual Integrations
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mohammad
 11/23/2018 11:48:55 AM

Quant Time: Nov 23 00:21:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	57630	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	233237	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	113778	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	217258	20.00	ng	0.00
76) Chrysene-d12	14.13	240	139287	20.00	ng	0.00
87) Perylene-d12	15.67	264	115536	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	488164	137.59	ng	0.00
7) Phenol-d6	6.57	99	613646	135.25	ng	0.00
23) Nitrobenzene-d5	7.51	82	384379	94.91	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	150578	131.34	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	612931	76.94	ng	0.00
79) Terphenyl-d14	13.06	244	623091	83.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	50472	28.551	ng	# 86
3) Pyridine	3.60	79	135546	35.522	ng	# 84
4) n-Nitrosodimethylamine	3.55	42	76424	46.678	ng	87
6) Aniline	6.61	93	151281	25.569	ng	# 56
8) 2-Chlorophenol	6.73	128	174272	41.900	ng	95
9) Benzaldehyde	6.50	77	75203	28.617	ng	95
10) Phenol	6.59	94	242678	46.129	ng	# 68
11) bis(2-Chloroethyl)ether	6.67	93	155193	39.363	ng	91
12) 1,3-Dichlorobenzene	6.88	146	177205	38.939	ng	99
13) 1,4-Dichlorobenzene	6.96	146	182836	39.565	ng	97
14) 1,2-Dichlorobenzene	7.11	146	172530	40.133	ng	98
15) Benzyl Alcohol	7.09	79	148778	41.904	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.21	45	248658	40.161	ng	74
17) 2-Methylphenol	7.19	107	138205	41.752	ng	# 85
18) Hexachloroethane	7.45	117	68400	40.093	ng	96
19) n-Nitroso-di-n-propylamine	7.35	70	117128	40.443	ng	95
20) 3+4-Methylphenols	7.35	107	183307	43.139	ng	# 85
22) Acetophenone	7.35	105	239906	44.135	ng	# 91
24) Nitrobenzene	7.53	77	183460	44.213	ng	97
25) Isophorone	7.76	82	320700	48.313	ng	95
26) 2-Nitrophenol	7.85	139	92647	44.755	ng	94
27) 2,4-Dimethylphenol	7.87	122	158629	50.317	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	202652	45.090	ng	99
29) 2,4-Dichlorophenol	8.09	162	147442	45.452	ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	153398	41.941	ng	95
31) Naphthalene	8.25	128	497223	45.412	ng	100
32) Benzoic acid	7.99	122	31727	14.224	ng	91
33) 4-Chloroaniline	8.30	127	69655	14.045	ng	97
34) Hexachlorobutadiene	8.35	225	83971	40.195	ng	97
35) Caprolactam	8.67	113	43655m	40.280	ng	
36) 4-Chloro-3-methylphenol	8.79	107	161466	46.152	ng	96
37) 2-Methylnaphthalene	8.94	142	346438	48.266	ng	99
38) 1-Methylnaphthalene	9.04	142	322388	46.703	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	144819	40.210	ng	98

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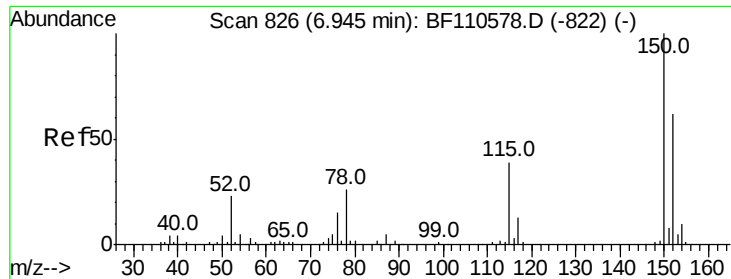
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	40250	33.561	nq	99
43) 2,4,6-Trichlorophenol	9.22	196	98039	43.319	nq	98
44) 2,4,5-Trichlorophenol	9.27	196	102989	42.661	nq	94
46) 1,1'-Biphenyl	9.40	154	422637	39.819	nq	100
47) 2-Chloronaphthalene	9.43	162	317116	41.471	nq	99
48) 2-Nitroaniline	9.53	65	105379	44.721	nq	98
49) Acenaphthylene	9.85	152	499924	45.397	nq	99
50) Dimethylphthalate	9.70	163	431766	50.857	nq	99
51) 2,6-Dinitrotoluene	9.77	165	83274	44.589	nq	95
52) Acenaphthene	10.02	154	299727	43.068	nq	98
53) 3-Nitroaniline	9.95	138	55665	25.727	nq	93
54) 2,4-Dinitrophenol	10.07	184	32213	45.456	nq	92
55) Dibenzofuran	10.19	168	435228	42.745	nq	99
56) 4-Nitrophenol	10.12	139	104973	73.129	nq	96
57) 2,4-Dinitrotoluene	10.19	165	112072	46.153	nq	97
58) Fluorene	10.54	166	364759	46.640	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	87051	45.837	nq	94
60) Diethylphthalate	10.40	149	382621	45.555	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	170456	42.095	nq	99
62) 4-Nitroaniline	10.57	138	82883	38.040	nq	99
63) Azobenzene	10.68	77	352955	43.072	nq	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	34572	31.574	nq	95
66) n-Nitrosodiphenylamine	10.65	169	316468	43.215	nq	96
67) 4-Bromophenyl-phenylether	11.01	248	100920	42.030	nq #	87
68) Hexachlorobenzene	11.09	284	106036	41.886	nq #	90
69) Atrazine	11.17	200	105598	47.161	nq	97
70) Pentachlorophenol	11.29	266	80524	59.612	nq	97
71) Phenanthrene	11.50	178	529962	45.531	nq	100
72) Anthracene	11.56	178	549697	46.817	nq	99
73) Carbazole	11.72	167	484155	42.936	nq	100
74) Di-n-butylphthalate	12.02	149	608955	46.052	nq	99
75) Fluoranthene	12.70	202	543422	46.568	nq	96
77) Benzidine	12.82	184	133265	34.791	nq	97
78) Pyrene	12.93	202	534754	49.862	nq	99
80) Butylbenzylphthalate	13.53	149	242200	52.469	nq	98
81) Benzo(a)anthracene	14.12	228	388895	46.712	nq	99
82) 3,3'-Dichlorobenzidine	14.08	252	74377	26.669	nq	100
83) Chrysene	14.16	228	361144	45.533	nq	98
84) Bis(2-ethylhexyl)phthalate	14.07	149	324340	56.640	nq	97
85) Di-n-octyl phthalate	14.69	149	462046	54.870	nq	98
86) Indeno(1,2,3-cd)pyrene	17.26	276	369044	64.840	nq	98
88) Benzo(b)fluoranthene	15.21	252	289482	41.883	nq	99
89) Benzo(k)fluoranthene	15.24	252	306576	44.889	nq	99
90) Benzo(a)pyrene	15.60	252	295683	47.084	nq	99
91) Dibenzo(a,h)anthracene	17.26	278	307227	57.811	nq	98
92) Benzo(g,h,i)perylene	17.74	276	312044	59.180	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

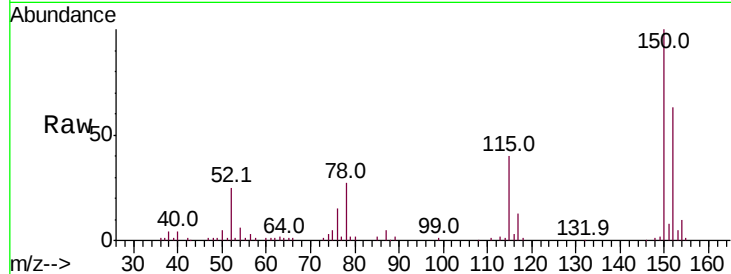
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	122.7	184.1
115	63.4	49.1	73.7

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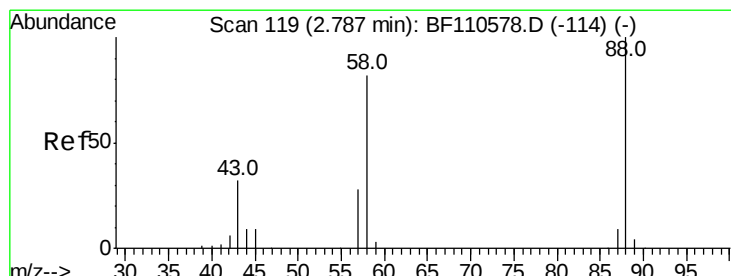
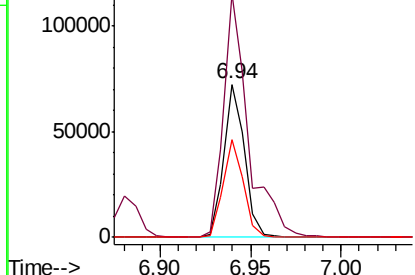
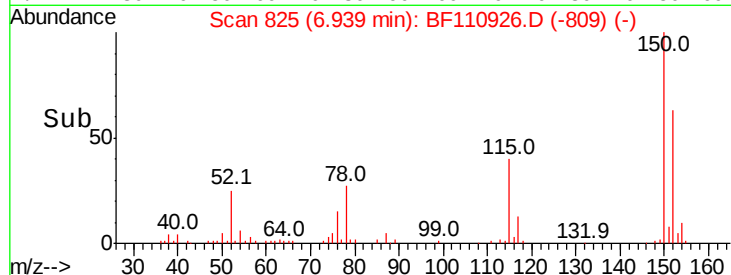


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

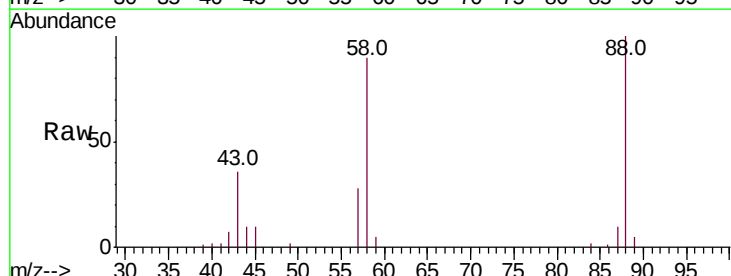
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.551 ng
RT: 2.80 min Scan# 121
Delta R.T. 0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.9	57.1	85.7#
43	32.9	24.1	36.1

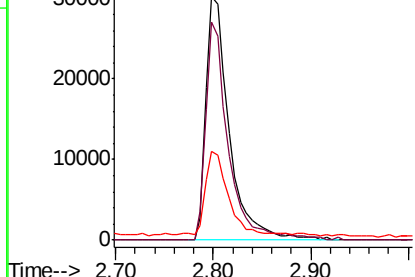
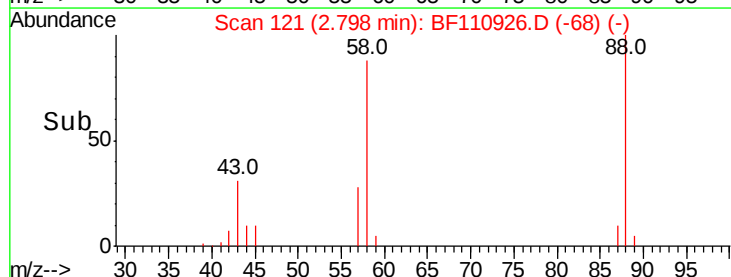


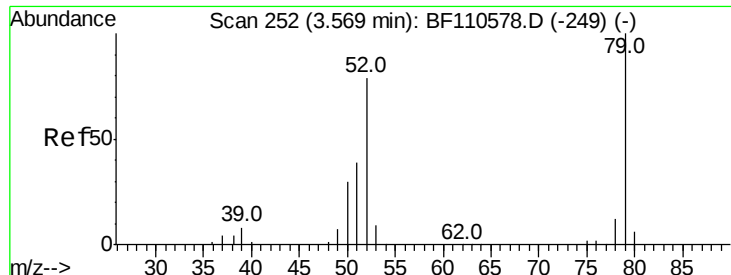
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





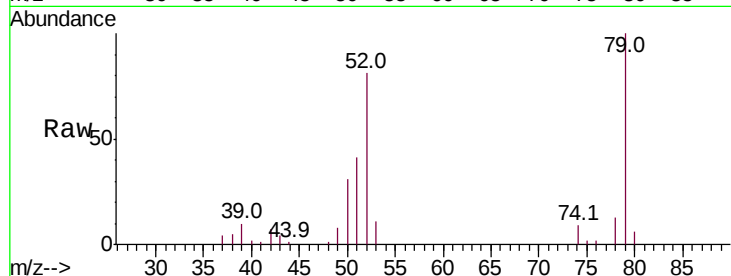
#3
 Pvridine
 Concen: 35.522 ng
 RT: 3.60 min Scan# 258
 Delta R.T. 0.04 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Instrument :
 BNA_F
 ClientSampleId :
 TS-BUCKETSMSD

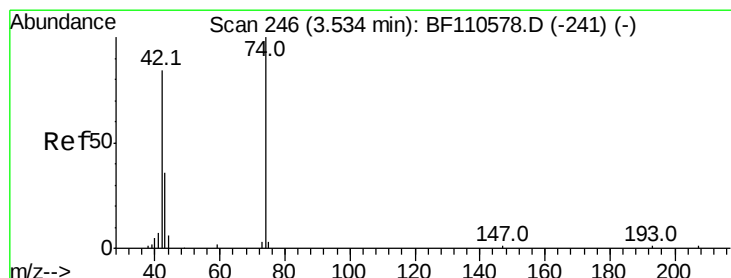
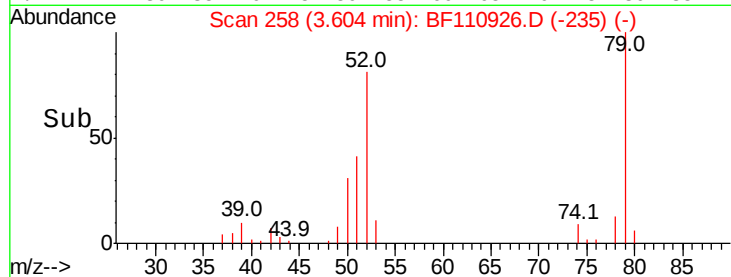
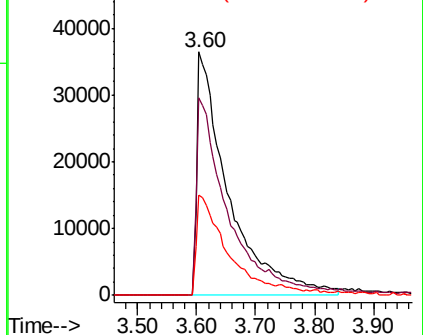
Tot Ion	Ratio	Lower	Upper
79	100		
52	81.3	53.1	79.7#
51	41.1	27.4	41.2

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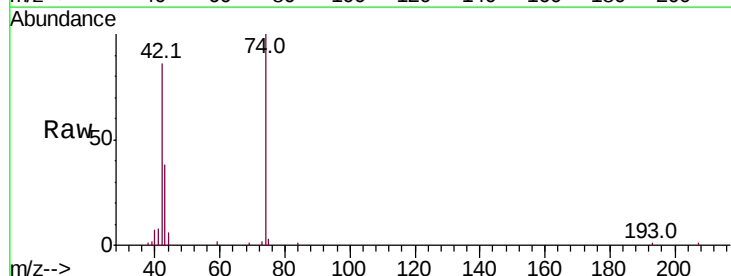


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

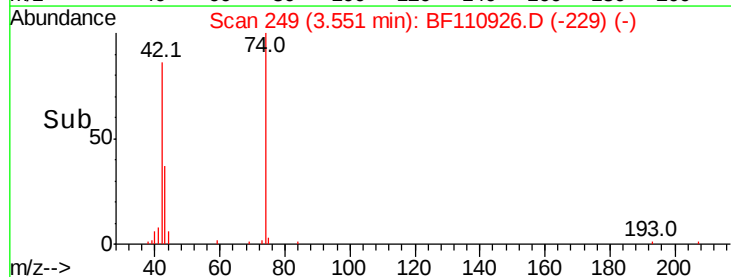
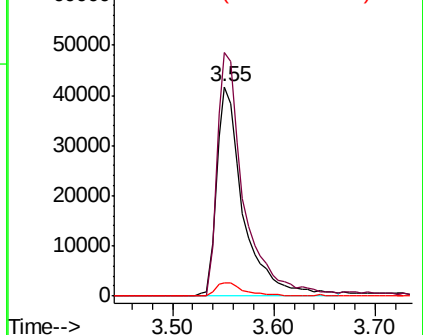


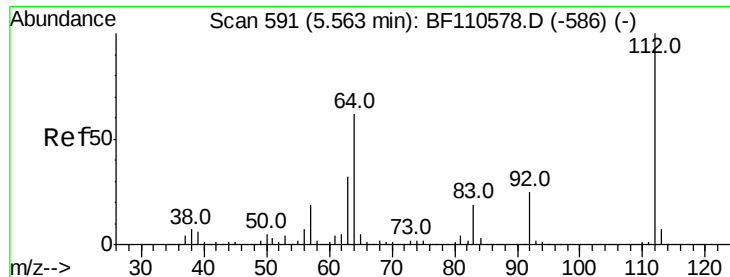
#4
 n-Nitrosodimethylamine
 Concen: 46.678 ng
 RT: 3.55 min Scan# 249
 Delta R.T. 0.02 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Tgt Ion	Ratio	Lower	Upper
42	100		
74	116.2	105.5	158.3
44	6.5	4.9	7.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 137.590 ng

RT: 5.57 min Scan# 592

Delta R.T. 0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Instrument :

BNA_F

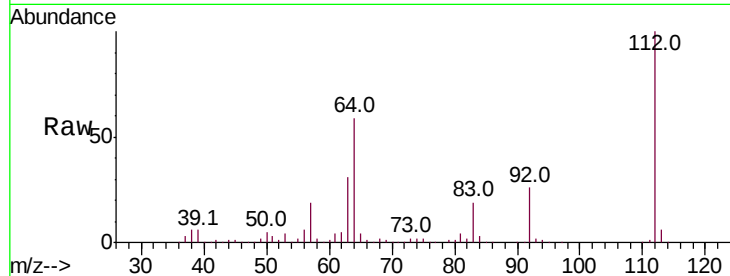
ClientSampleId :

TS-BUCKETSMSD

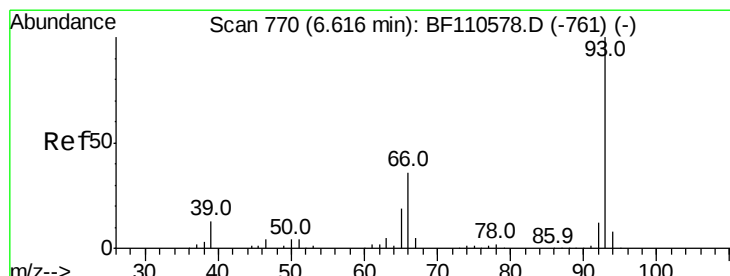
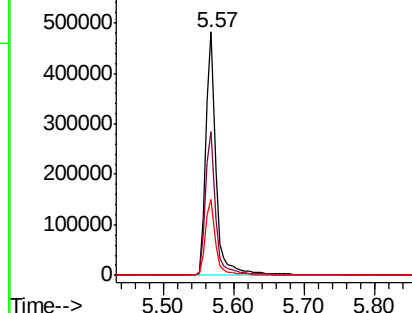
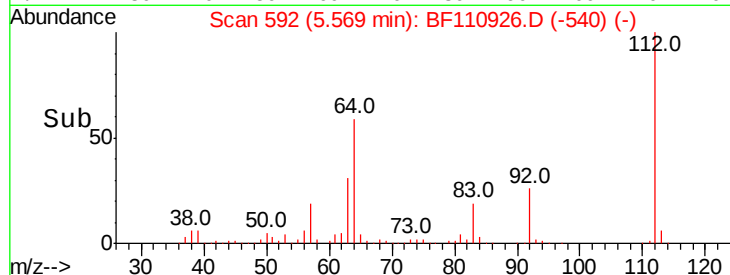
Tot Ion:	112	Resp:	488164
Ion Ratio	Lower	Upper	
112	100		
64	59.2	44.1	66.1
63	31.4	23.7	35.5

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.569 ng

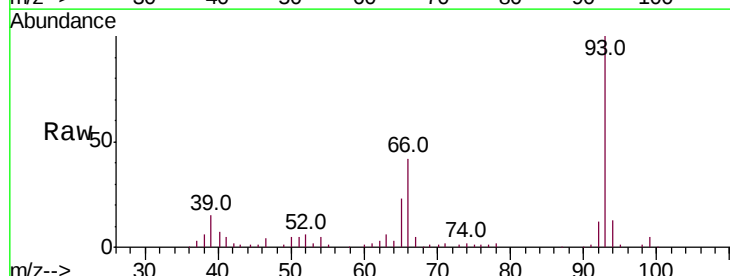
RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

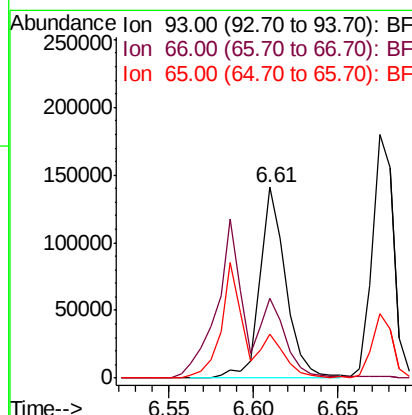
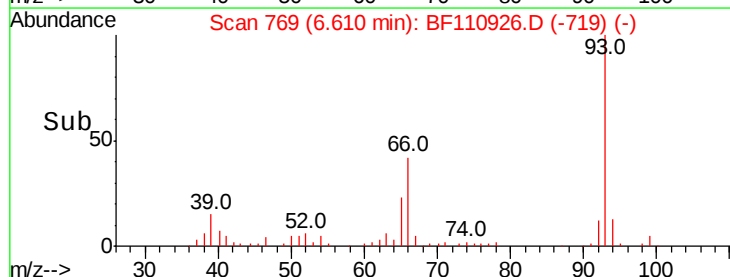
Lab File: BF110926.D

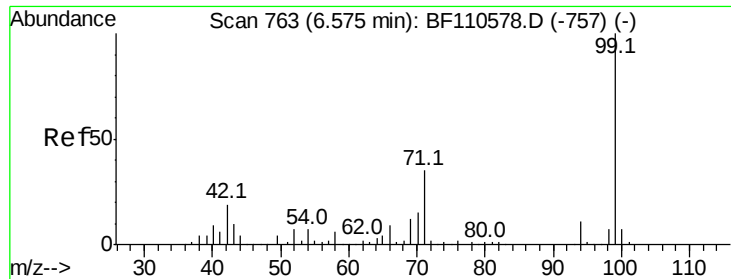
Acq: 21 Nov 2018 14:15

Tgt Ion:	93	Resp:	151281
Ion Ratio	Lower	Upper	
93	100		
66	41.7	67.4	101.0#
65	22.9	41.0	61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 135.254 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Instrument :

BNA_F

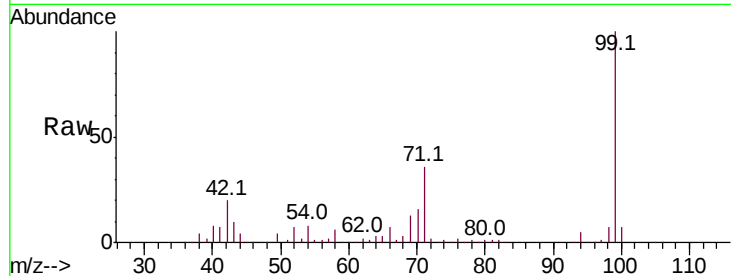
ClientSampleId :

TS-BUCKETSMSD

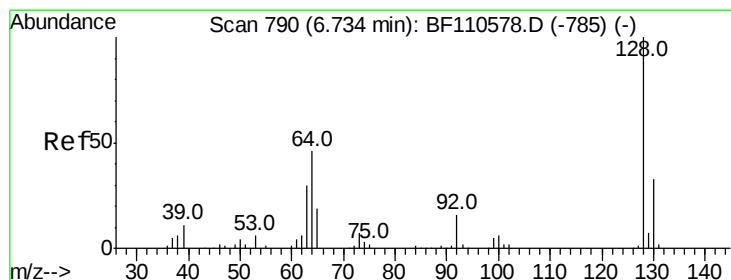
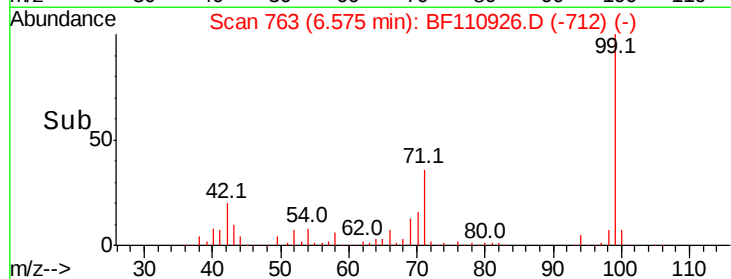
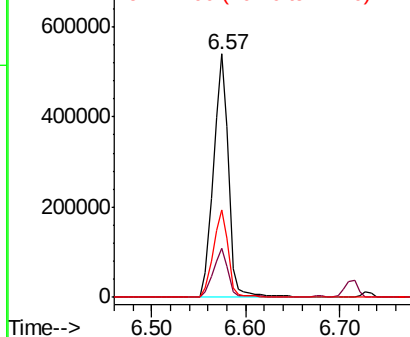
Tot Ion:	99	Resp:	613646
Ion Ratio	Lower	Upper	
99	100		
42	20.3	15.8	23.6
71	36.0	28.0	42.0

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.900 ng

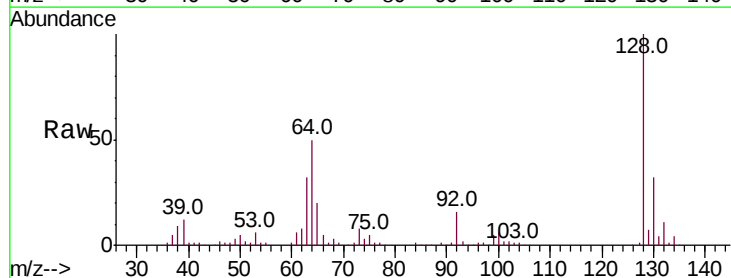
RT: 6.73 min Scan# 789

Delta R.T. -0.01 min

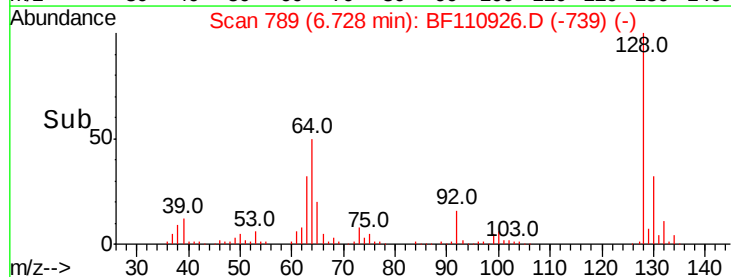
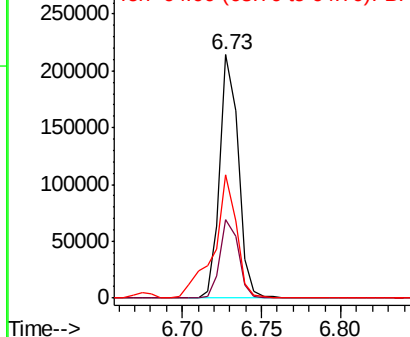
Lab File: BF110926.D

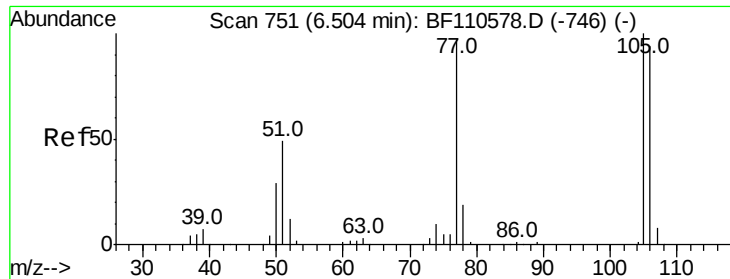
Acq: 21 Nov 2018 14:15

Tgt Ion:	128	Resp:	174272
Ion Ratio	Lower	Upper	
128	100		
130	32.2	13.1	53.1
64	50.5	26.0	66.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 28.617 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Instrument :

BNA_F

ClientSampleId :

TS-BUCKETSMSD

Tot Ion: 77 Resp: 75203

Ion Ratio Lower Upper

77 100

105 105.5 78.6 118.6

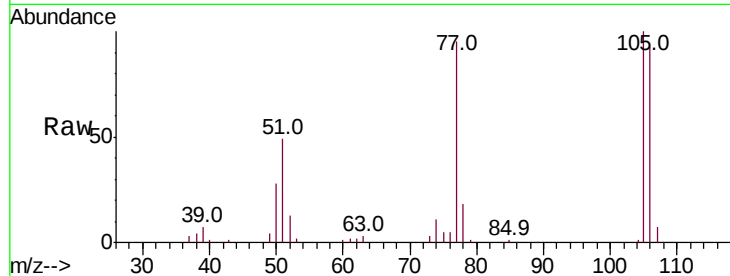
106 97.9 74.8 114.8

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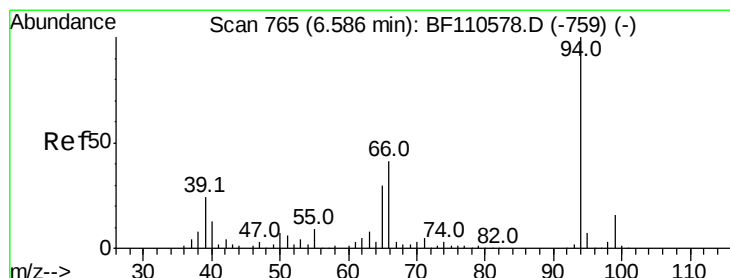
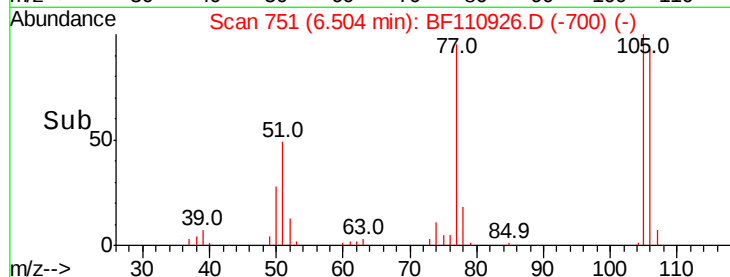
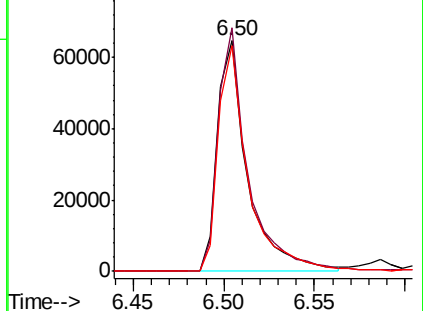
11/23/2018 11:48:55 AM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 46.129 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Tgt Ion: 94 Resp: 242678

Ion Ratio Lower Upper

94 100

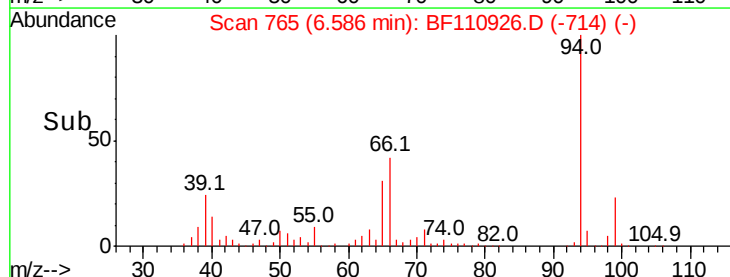
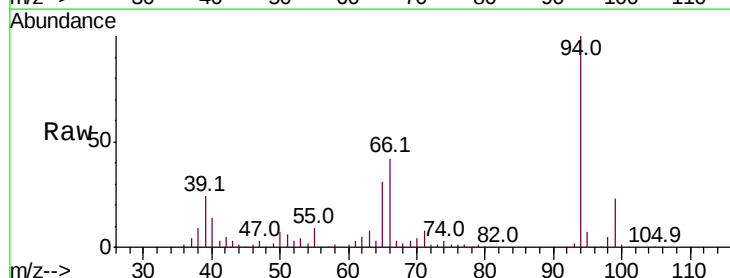
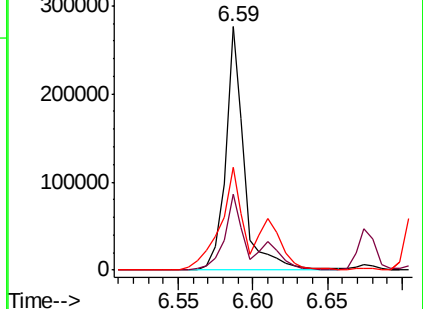
65 30.9 25.3 65.3

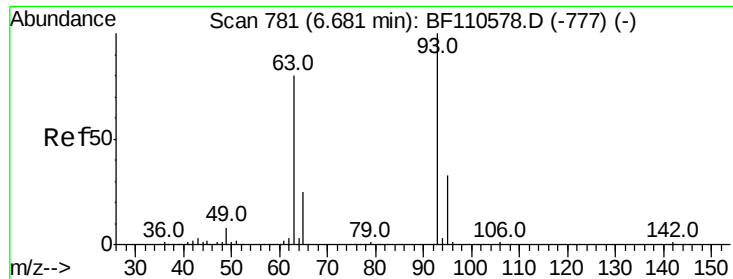
66 42.4 54.5 94.5#

Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





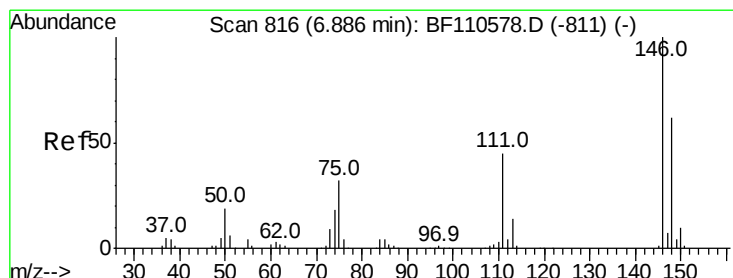
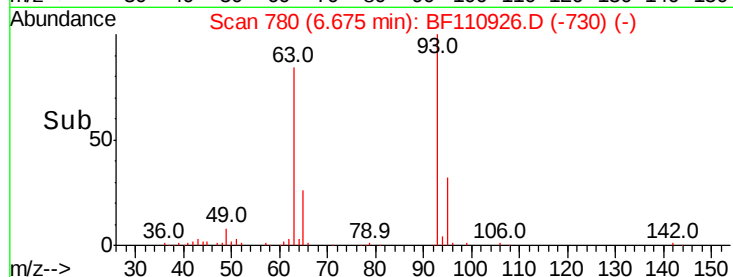
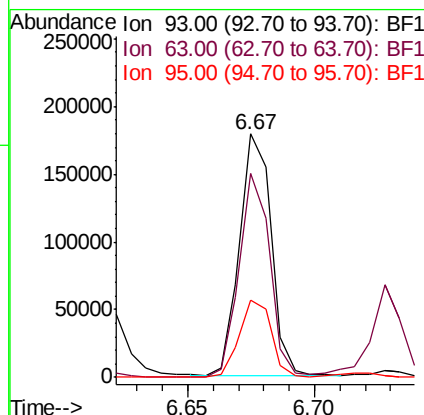
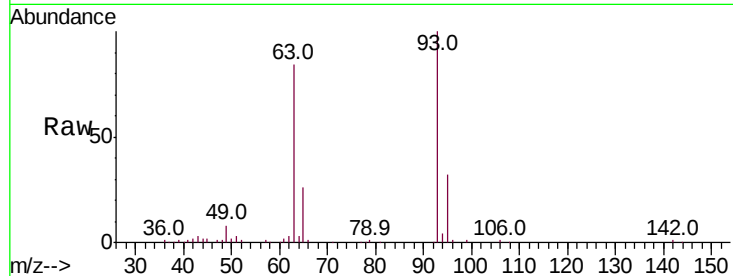
#11
bis(2-Chloroethyl)ether
Concen: 39.363 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMSD

Tot Ion:	93	Resp:	155193
Ion Ratio	Lower	Upper	
93	100		
63	83.7	53.4	93.4
95	31.7	12.1	52.1

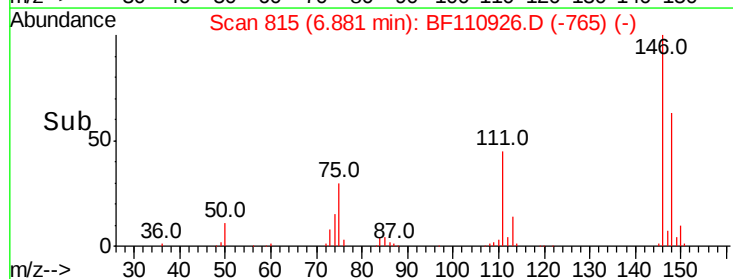
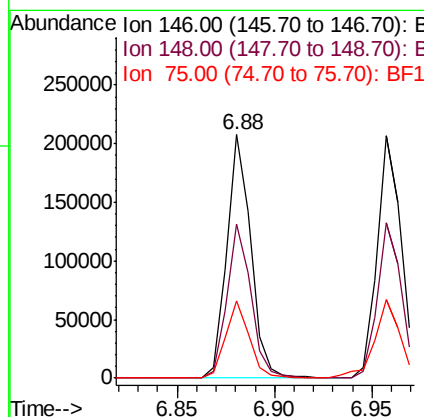
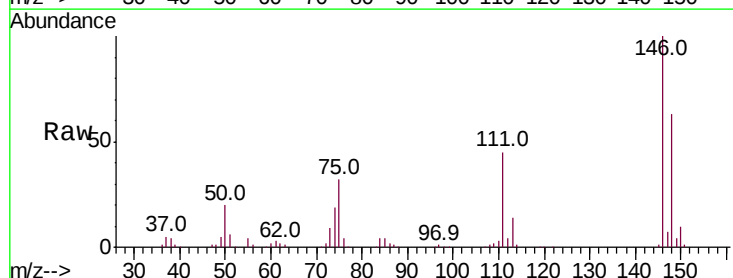
Manual Integrations
APPROVED

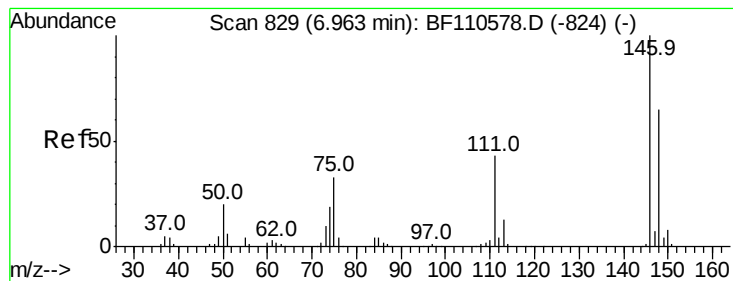
mohammad
11/23/2018 11:48:55 AM



#12
1,3-Dichlorobenzene
Concen: 38.939 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion:	146	Resp:	177205
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.4	75.6
75	31.6	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 39.565 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Instrument :

BNA_F

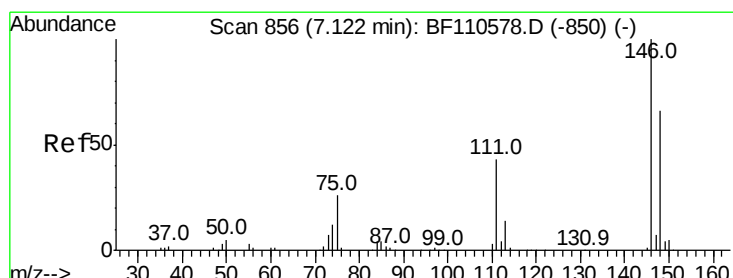
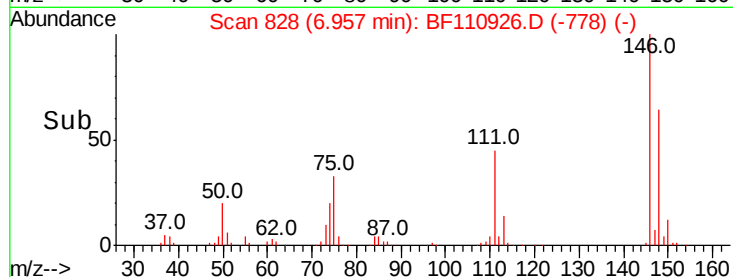
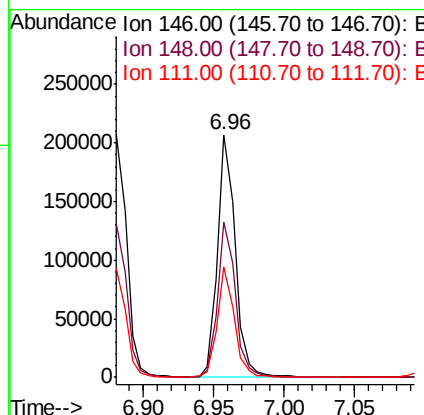
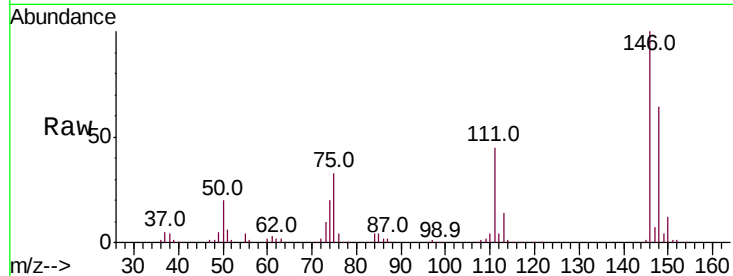
ClientSampleId :

TS-BUCKETSMSD

Tot Ion:	146	Resp:	182836
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.3	75.5
111	45.3	32.7	49.1

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.133 ng

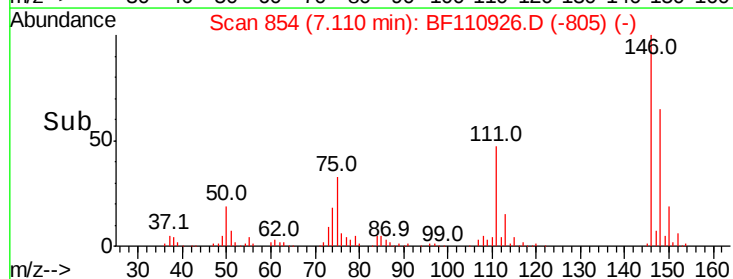
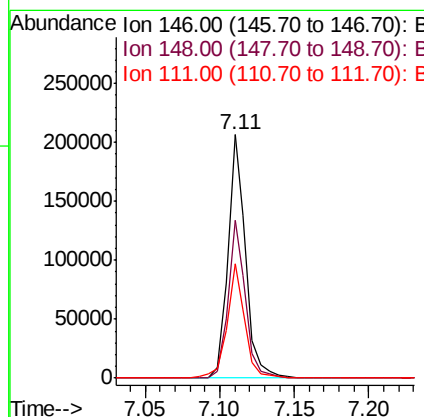
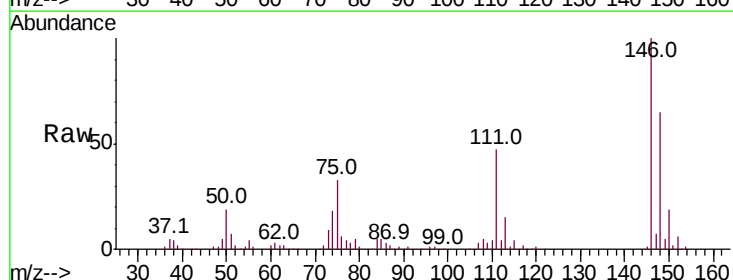
RT: 7.11 min Scan# 854

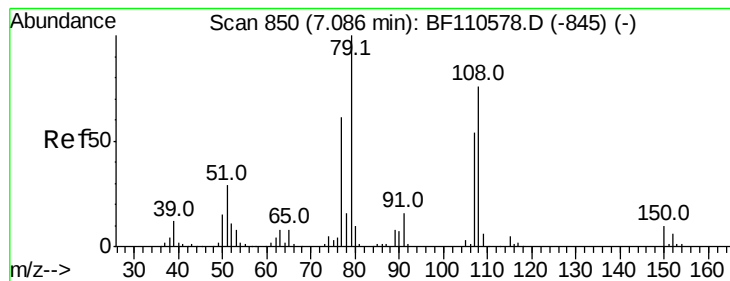
Delta R.T. -0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Tgt Ion:	146	Resp:	172530
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.1	76.7
111	46.9	35.8	53.6





#15

Benzyl Alcohol

Concen: 41.904 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Instrument :

BNA_F

ClientSampleId :

TS-BUCKETSMSD

Tot Ion: 79 Resp: 148778

Ion Ratio Lower Upper

79 100

108 77.3 56.3 84.5

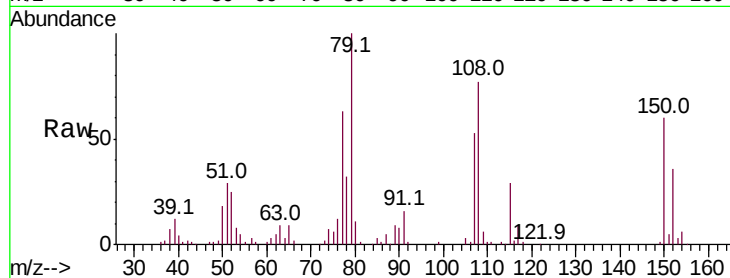
77 63.1 52.9 79.3

Manual Integrations

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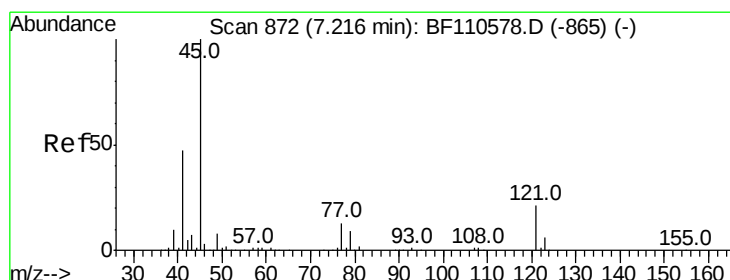
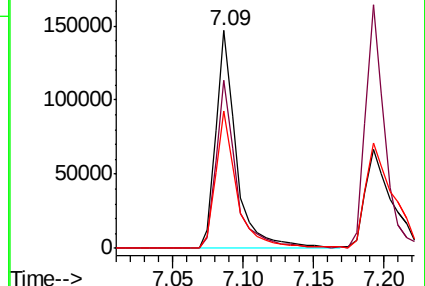
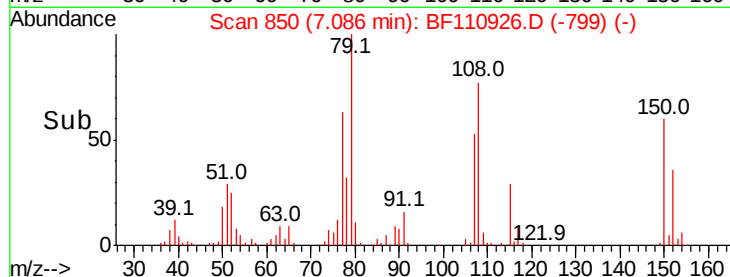
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.161 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

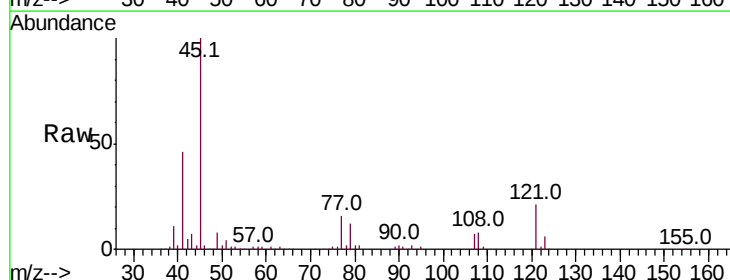
Tgt Ion: 45 Resp: 248658

Ion Ratio Lower Upper

45 100

77 16.2 10.0 50.0

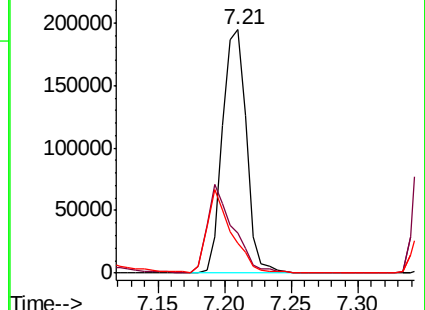
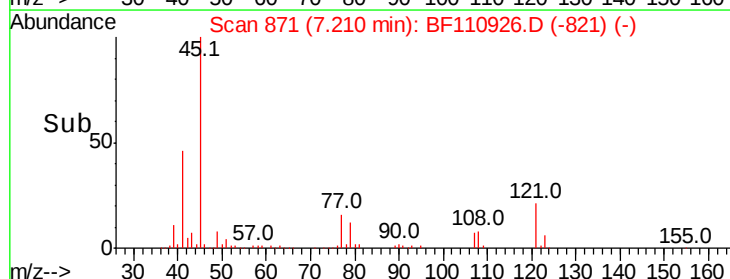
79 12.5 6.1 46.1

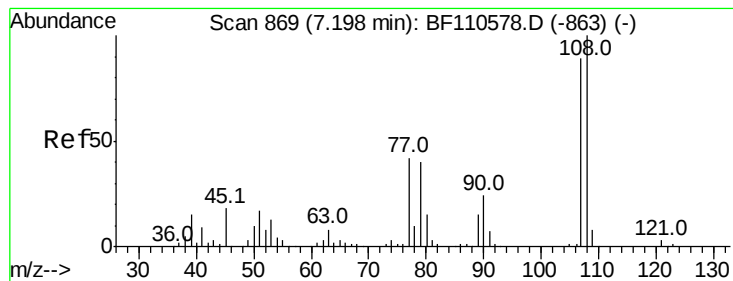


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





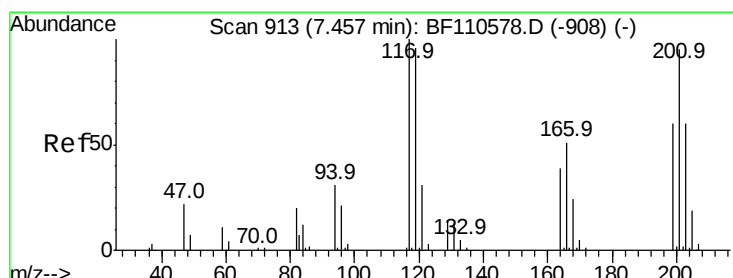
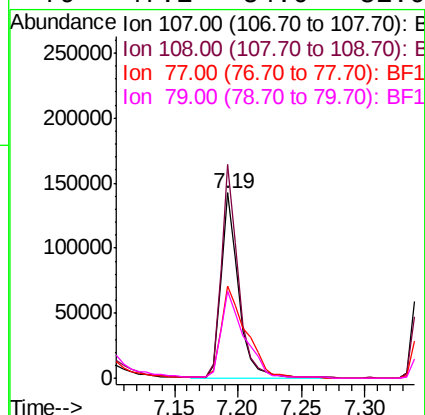
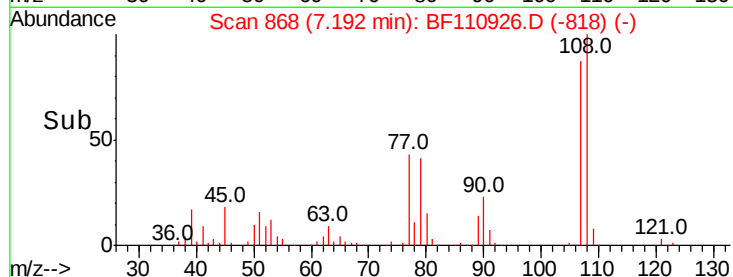
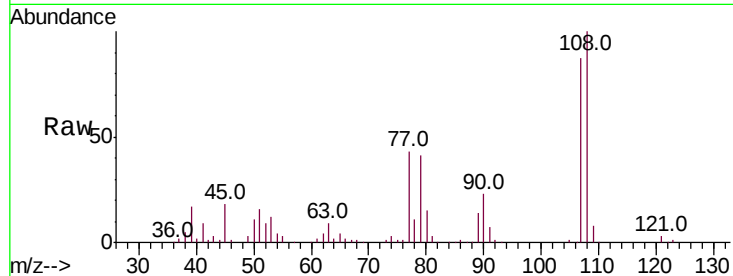
#17
2-Methylphenol
Concen: 41.752 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.4	92.6	138.8
77	50.1	59.4	89.2#
79	47.1	54.0	81.0#

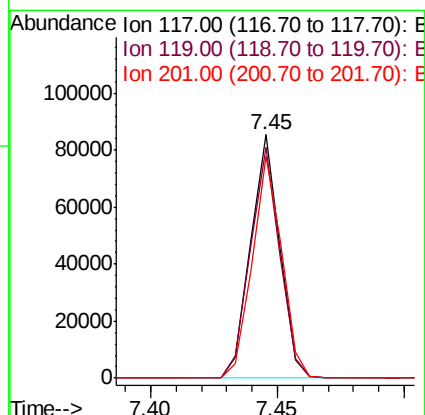
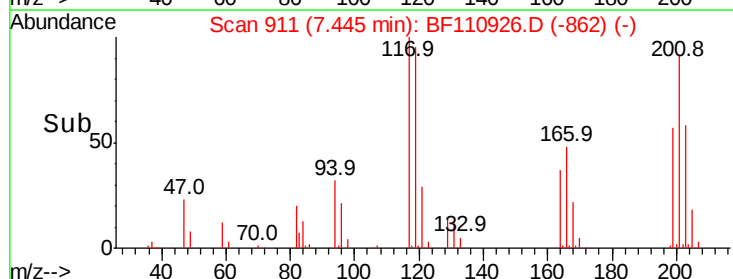
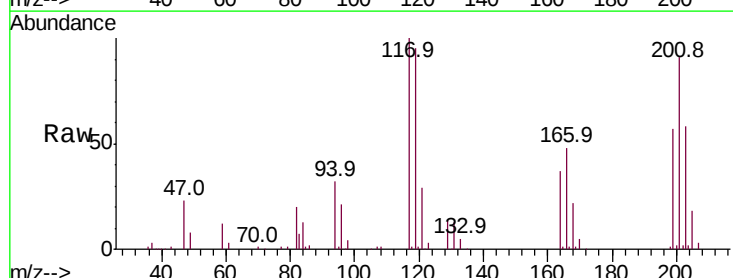
Manual Integrations
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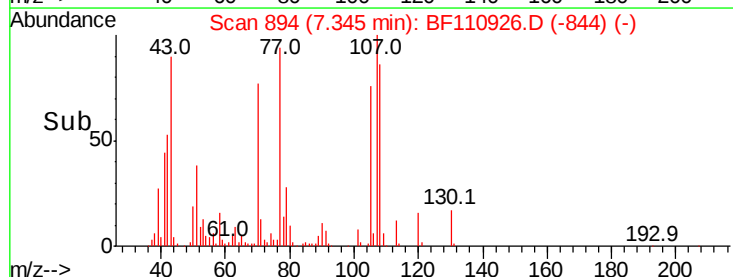
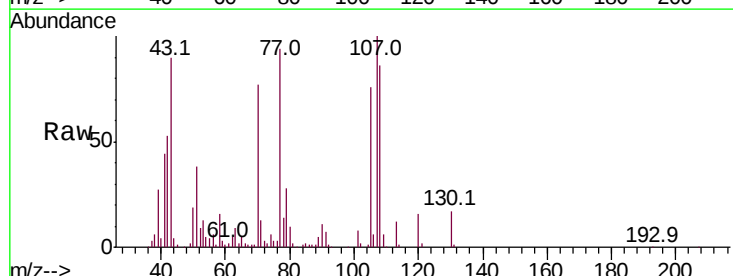
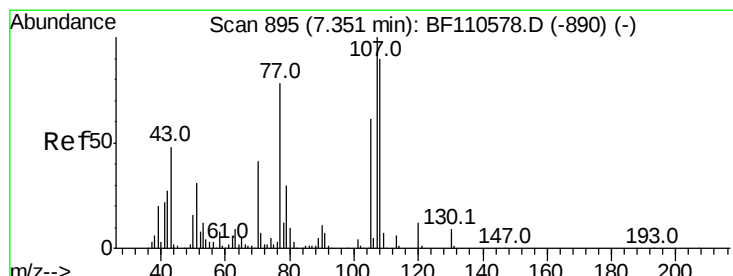
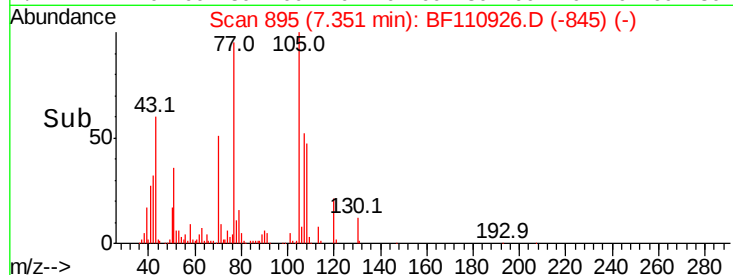
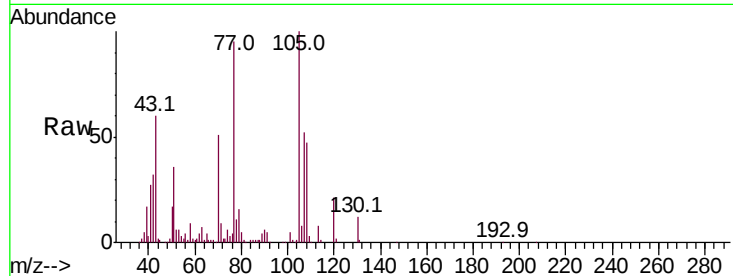
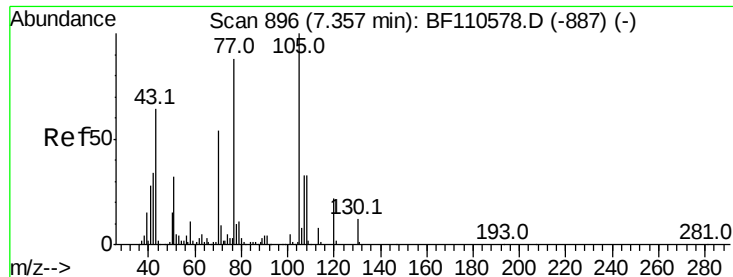
mohammad
11/23/2018 11:48:55 AM



#18
Hexachloroethane
Concen: 40.093 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

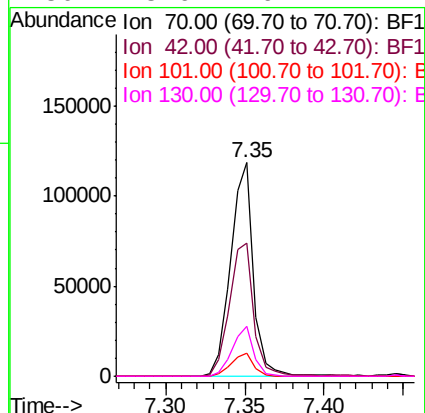
Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.0	112.6
201	91.2	79.2	118.8





#19
n-Nitroso-di-n-propylamine
Concen: 40.443 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.3	47.4	71.2	
101	10.7	7.3	10.9	
130	23.6	16.2	24.2	



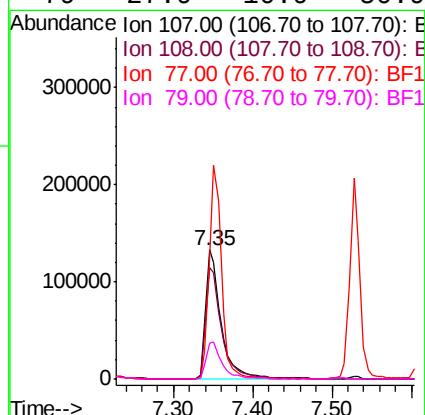
Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMSD

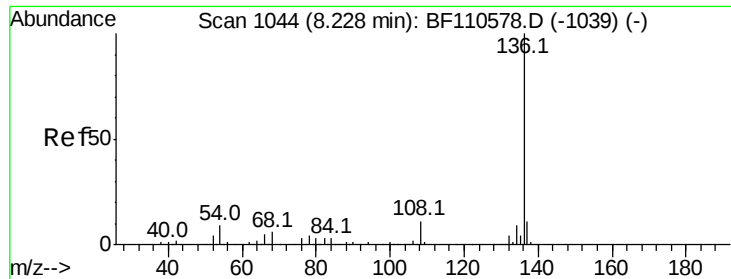
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#20
3+4-Methylphenols
Concen: 43.139 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.5	71.4	111.4	
77	94.0	47.3	87.3#	
79	27.9	10.9	50.9	





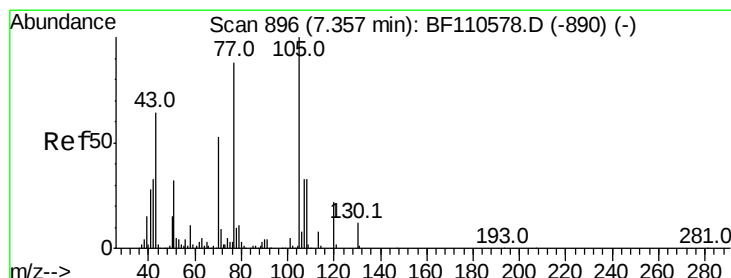
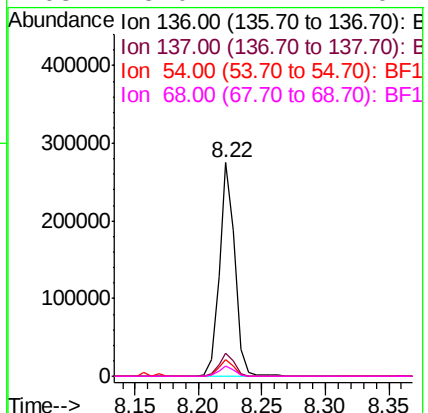
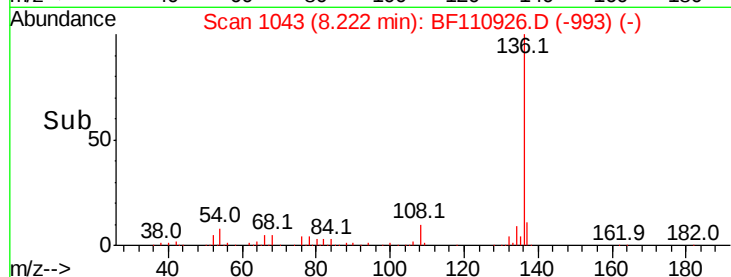
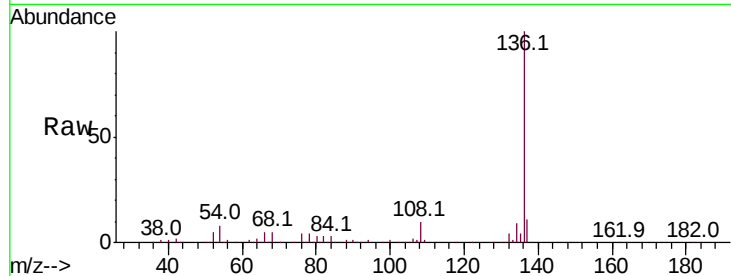
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	233237		
137	10.7		8.8	13.2
54	7.7		5.4	8.2
68	5.0		4.2	6.2

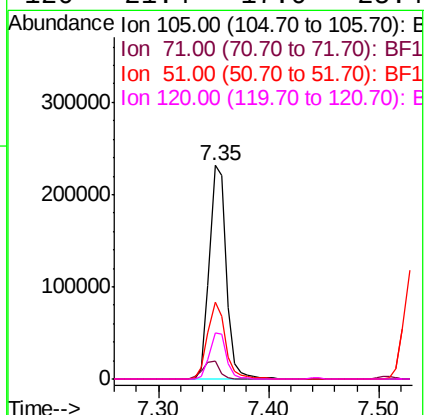
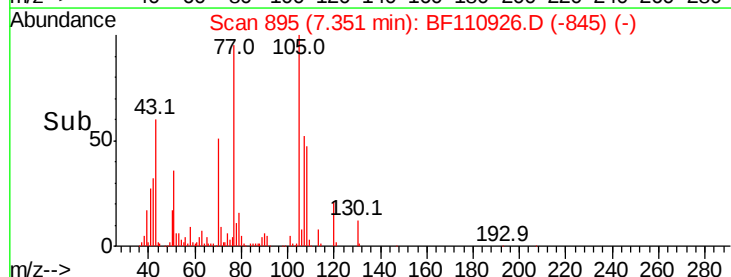
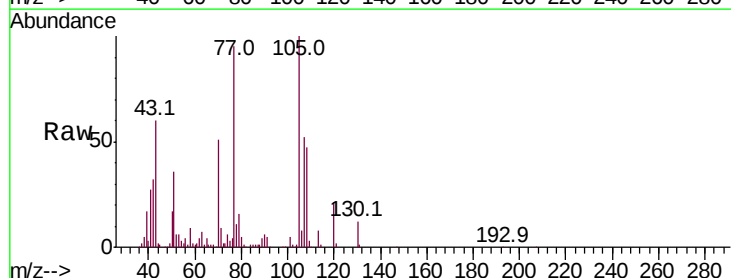
Manual Integrations
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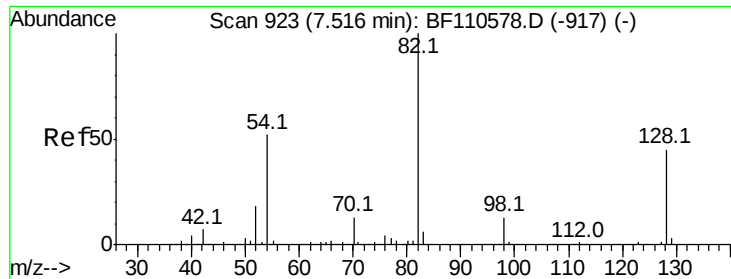
mohammad
11/23/2018 11:48:55 AM



#22
Acetophenone
Concen: 44.135 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	239906		
71	8.5		5.2	7.8#
51	36.0		21.8	32.8#
120	21.4		17.0	25.4





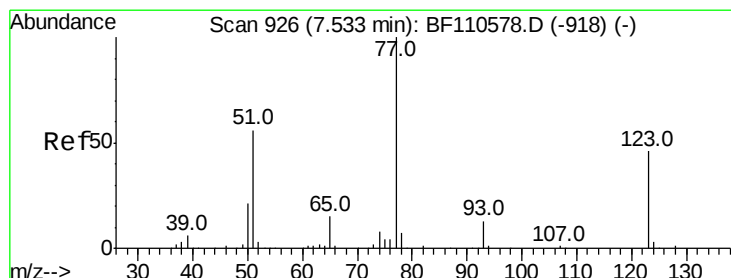
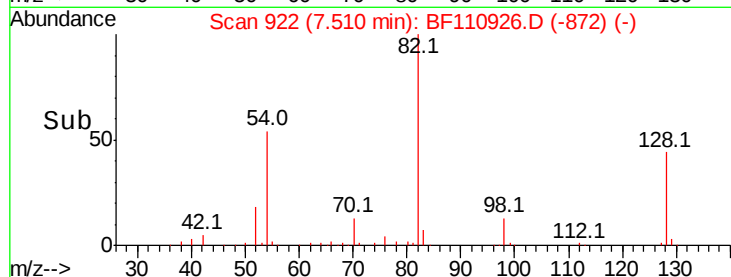
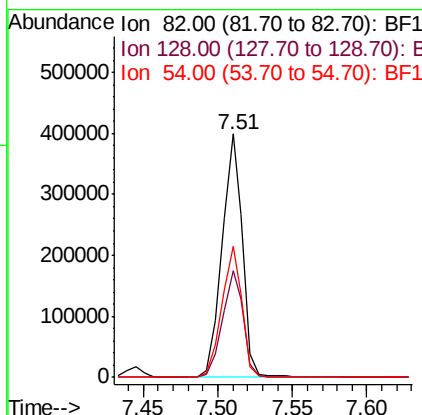
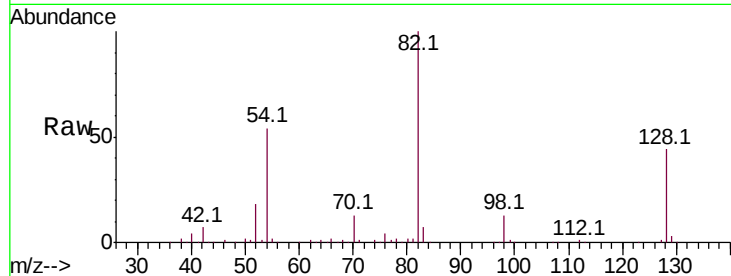
#23
 Nitrobenzene-d5
 Concen: 94.909 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Instrument :
 BNA_F
 ClientSampleId :
 TS-BUCKETSMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.2	51.2
54	54.0	38.6	58.0

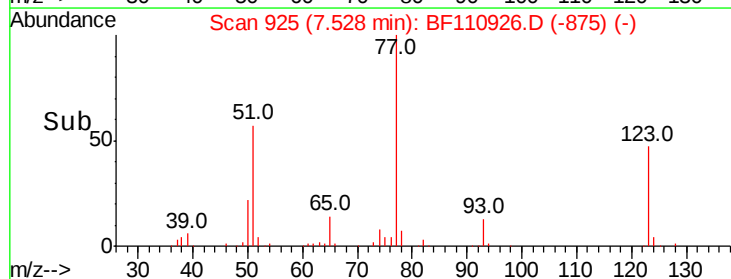
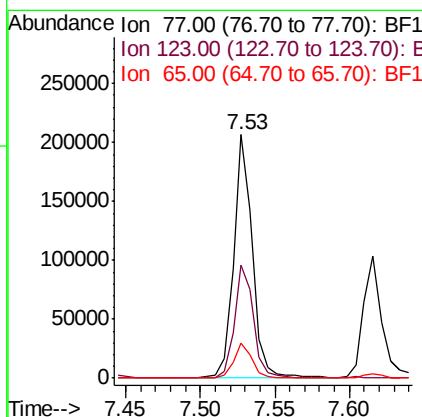
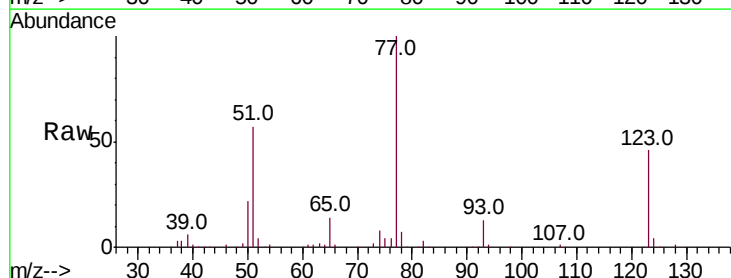
Manual Integrations
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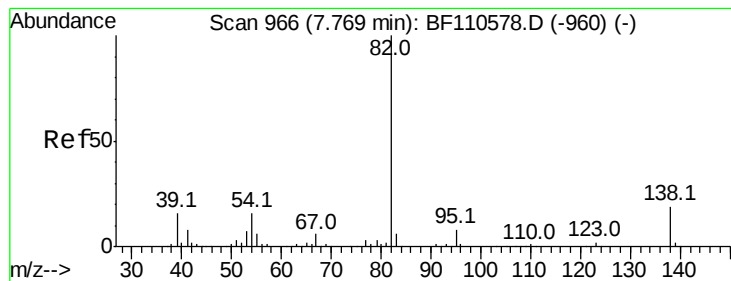
mohammad
 11/23/2018 11:48:55 AM



#24
 Nitrobenzene
 Concen: 44.213 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.5	35.7	53.5
65	14.1	10.7	16.1





#25

Isophorone

Concen: 48.313 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Instrument :

BNA_F

ClientSampleId :

TS-BUCKETSMSD

Tot Ion: 82 Resp: 320700

Ion Ratio Lower Upper

82 100

95 7.6 5.7 8.5

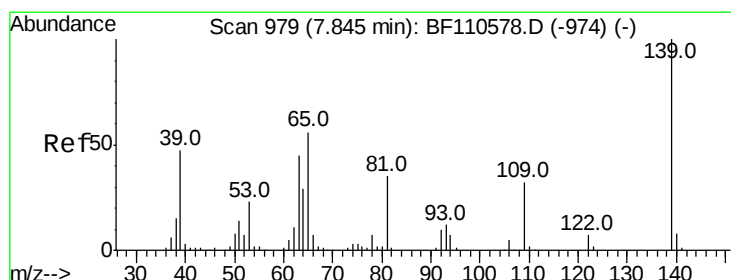
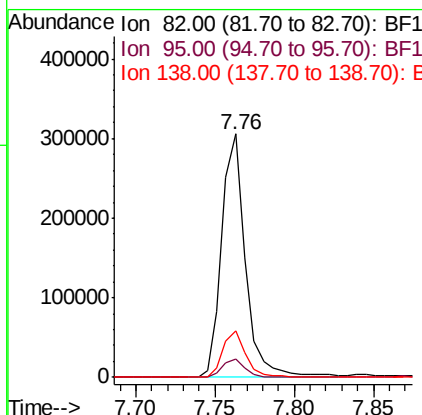
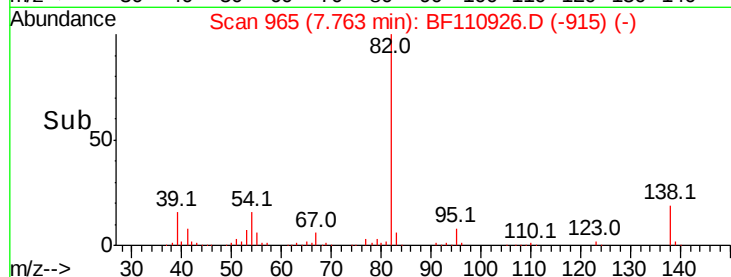
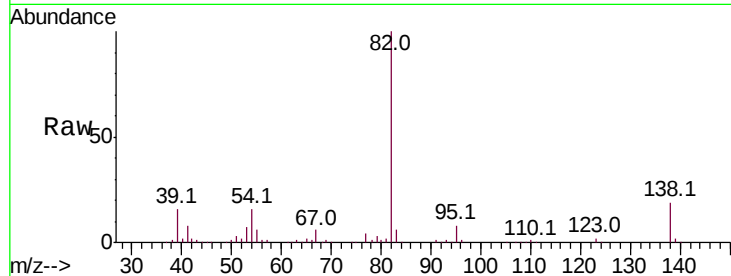
138 19.3 13.2 19.8

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#26

2-Nitrophenol

Concen: 44.755 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.00 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

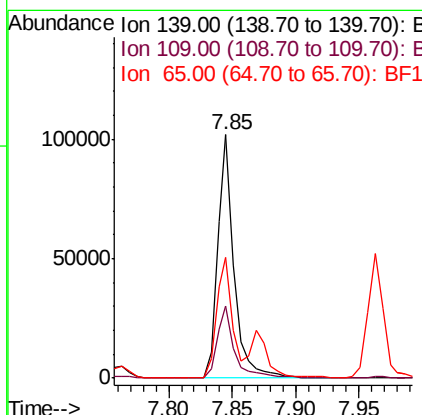
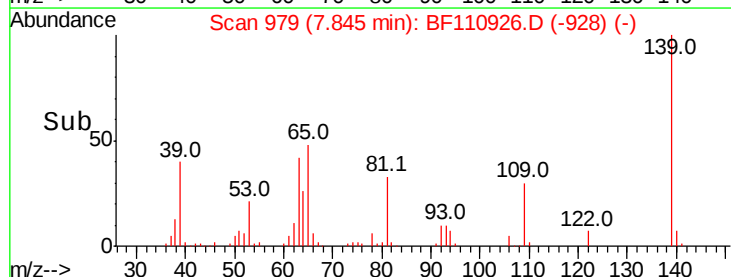
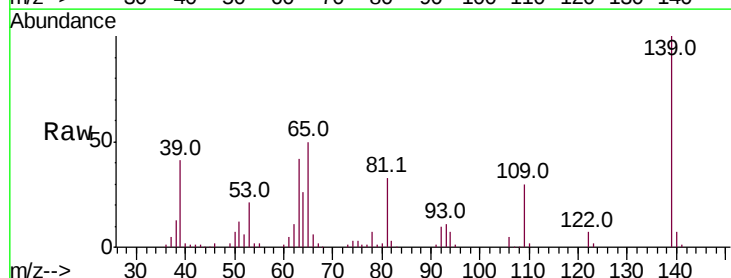
Tgt Ion: 139 Resp: 92647

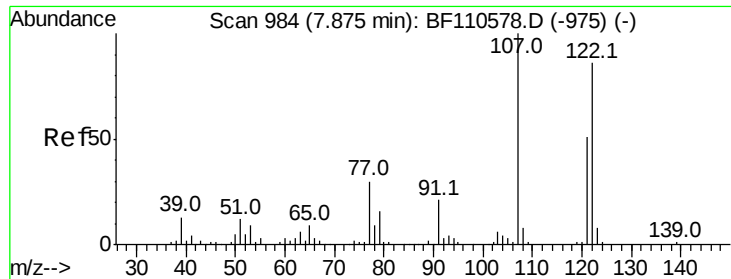
Ion Ratio Lower Upper

139 100

109 29.8 25.0 37.6

65 49.6 44.0 66.0





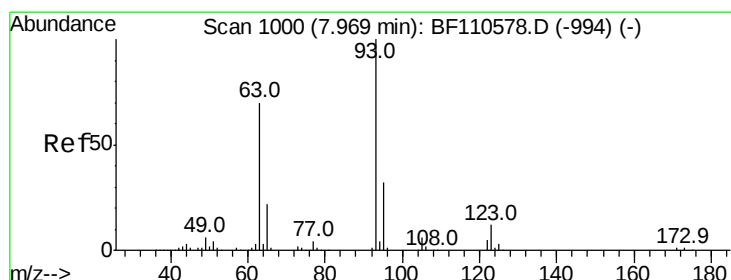
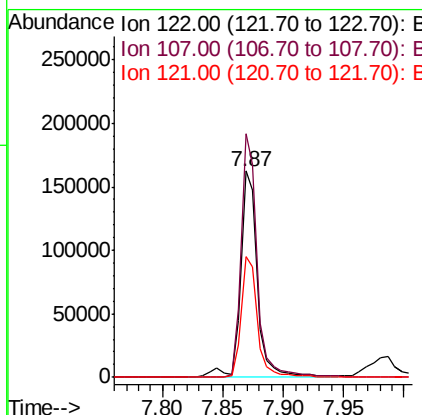
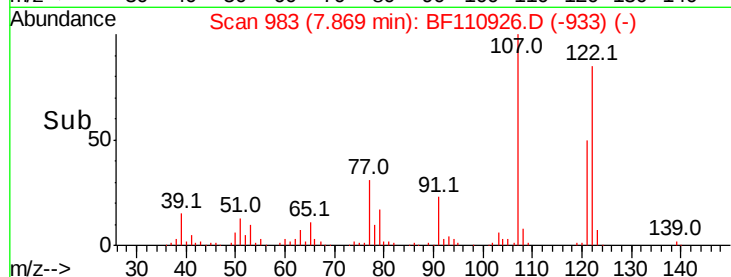
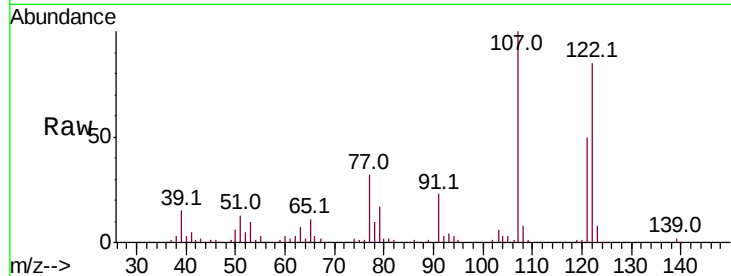
#27
2,4-Dimethylphenol
Concen: 50.317 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.1	92.5	138.7
121	58.8	45.8	68.8

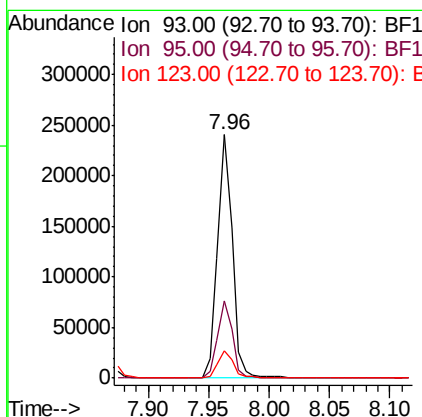
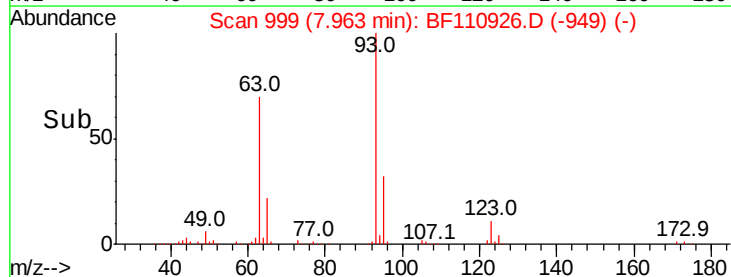
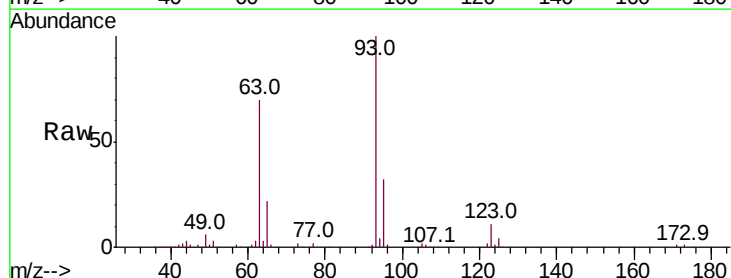
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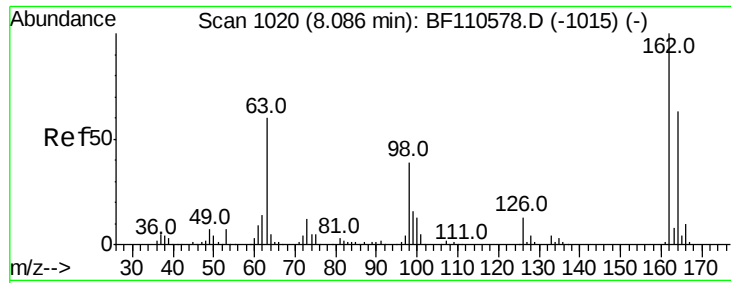
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#28
bis(2-Chloroethoxy)methane
Concen: 45.090 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.4	39.6
123	11.2	9.0	13.6





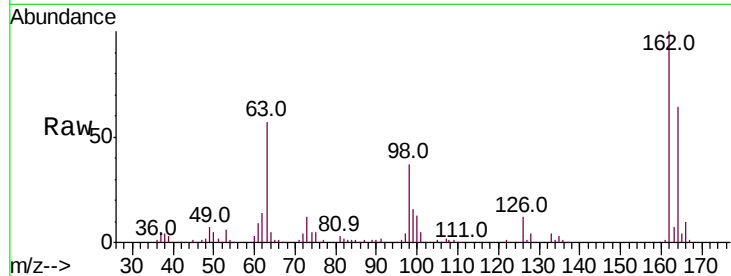
#29
 2,4-Dichlorophenol
 Concen: 45.452 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Instrument :
 BNA_F
 ClientSampleId :
 TS-BUCKETSMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	147442		
164	63.7	44.6	84.6	
98	37.4	17.4	57.4	

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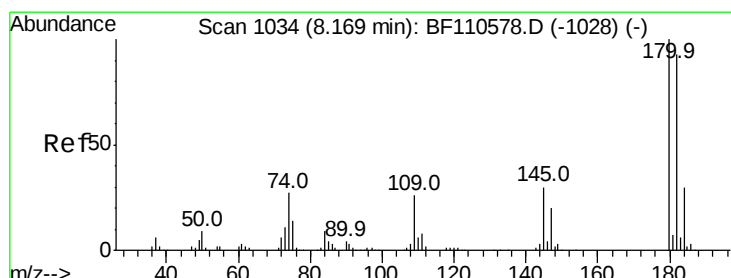
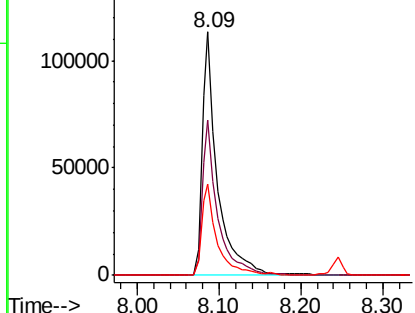
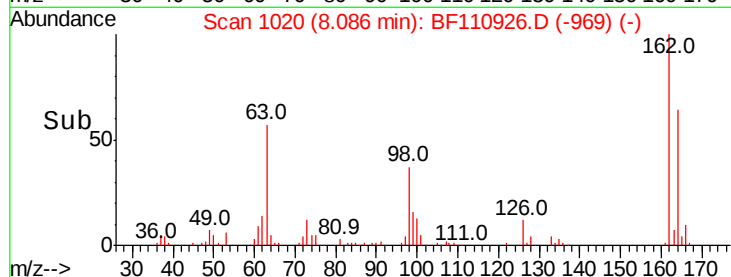


Abundance

Ion 162.00 (161.70 to 162.70): E

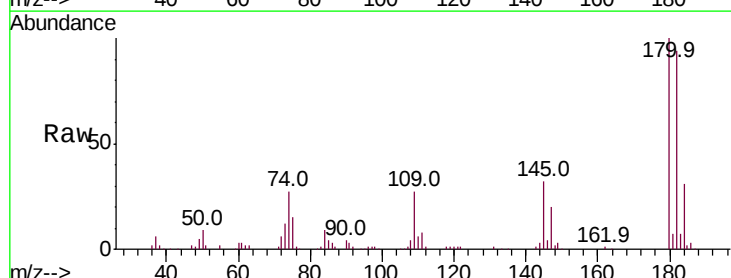
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.941 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	153398		
182	94.1	80.3	120.5	
145	31.7	25.4	38.0	

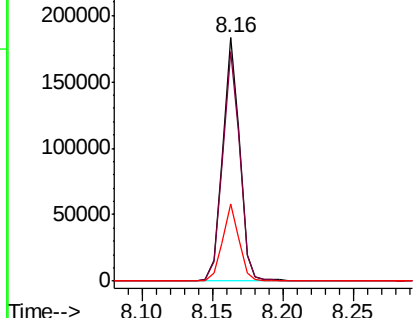
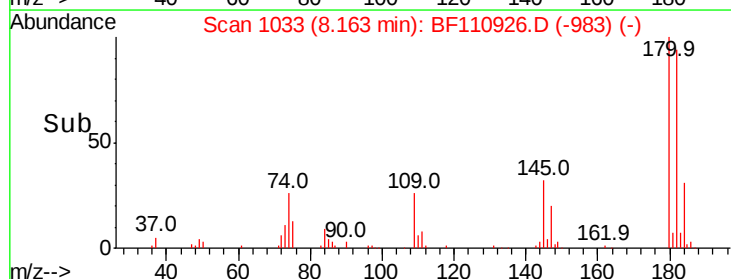


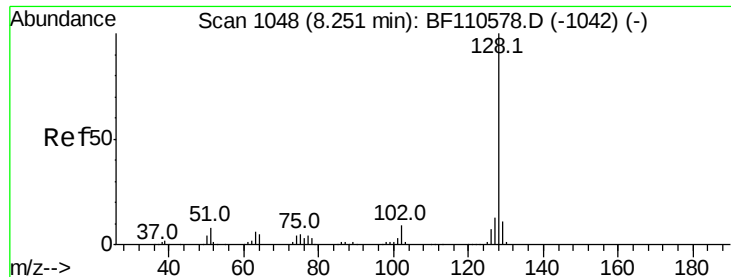
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





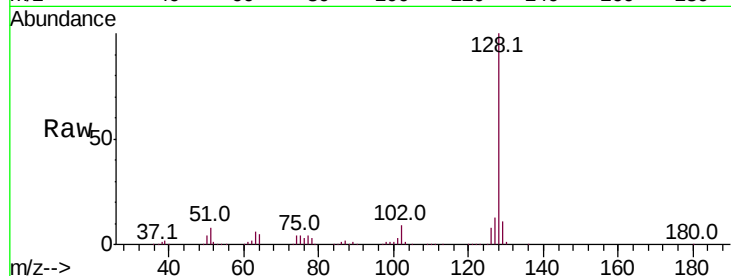
#31
Naphthalene
Concen: 45.412 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.3	10.8	16.2

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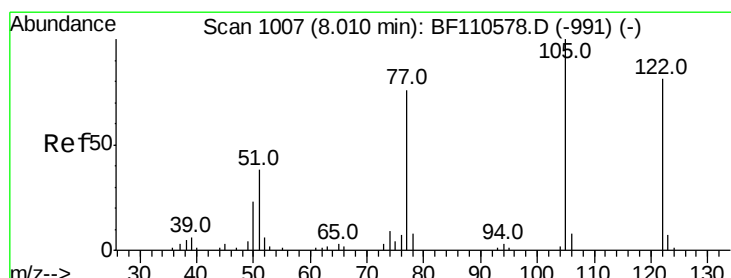
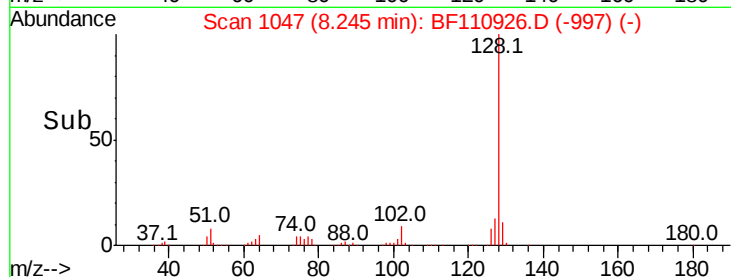
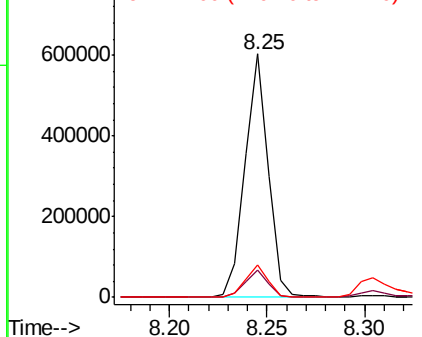


Abundance

Ion 128.00 (127.70 to 128.70): E

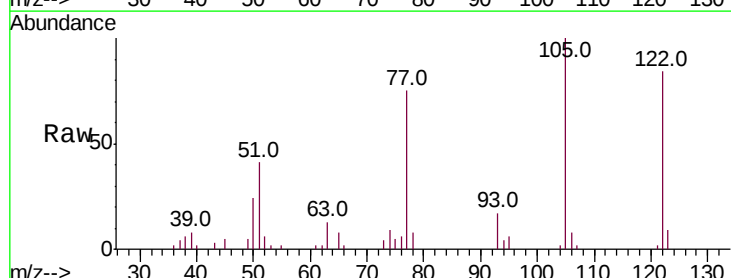
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 14.224 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.0	109.0	149.0
77	89.0	79.0	119.0

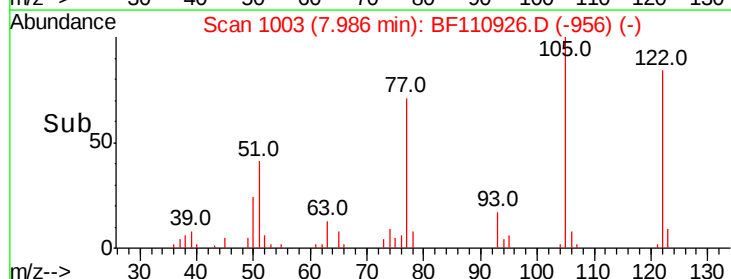
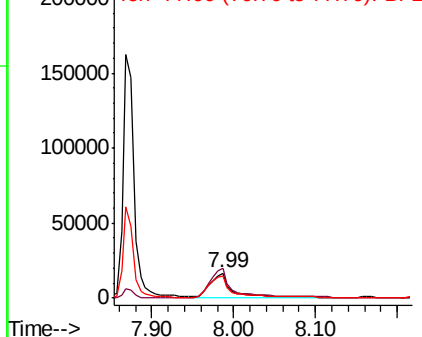


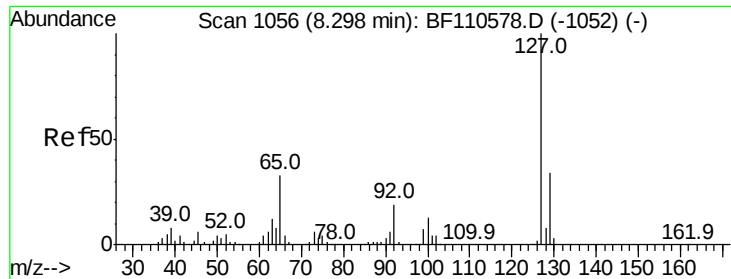
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





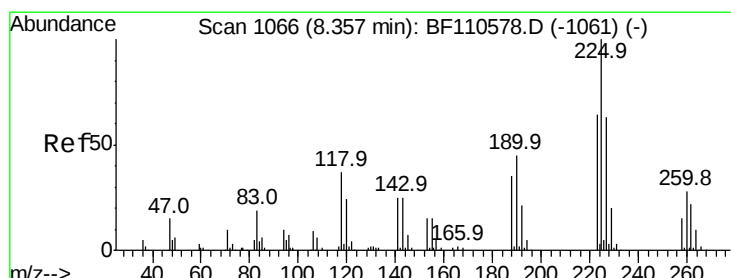
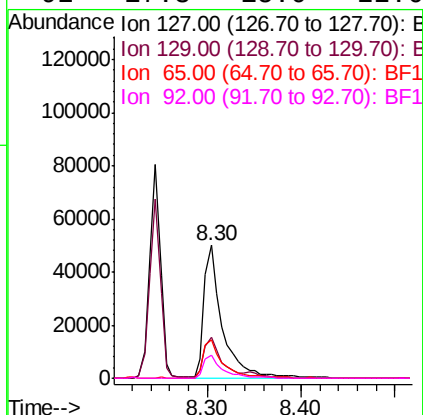
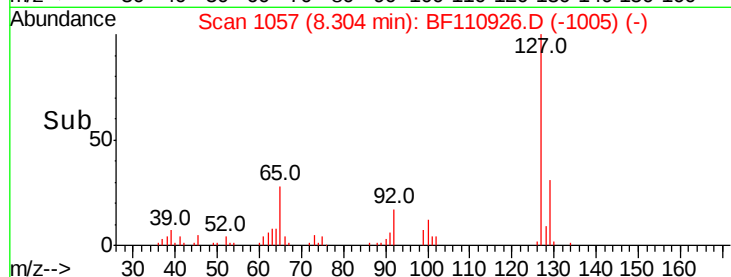
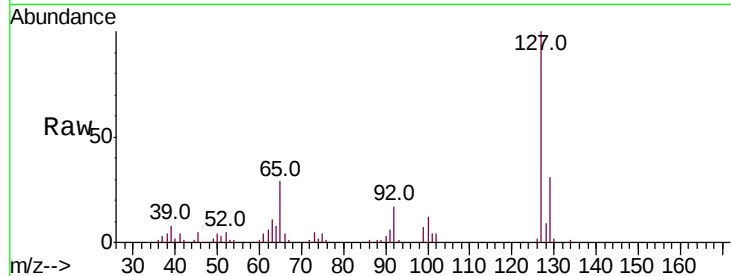
#33
4-Chloroaniline
Concen: 14.045 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.0	39.0
65	29.0	25.1	37.7
92	17.3	15.0	22.6

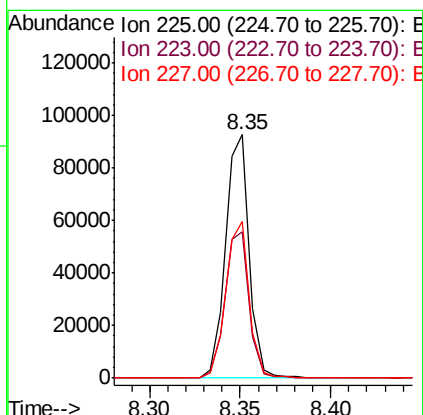
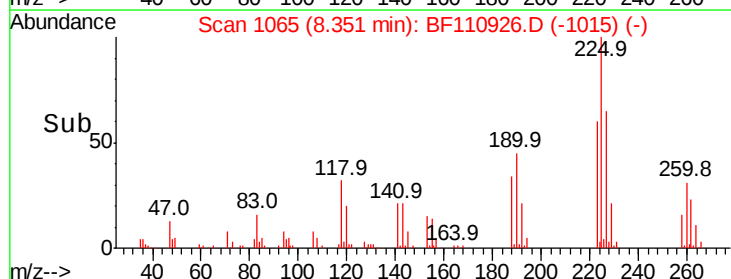
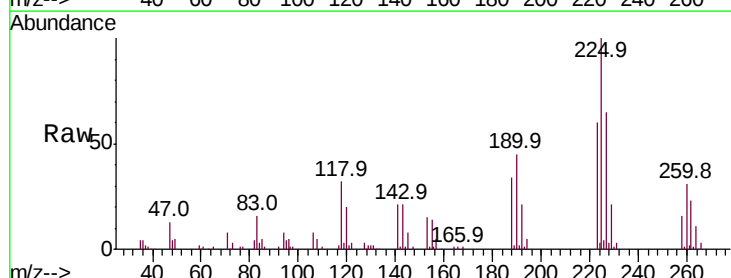
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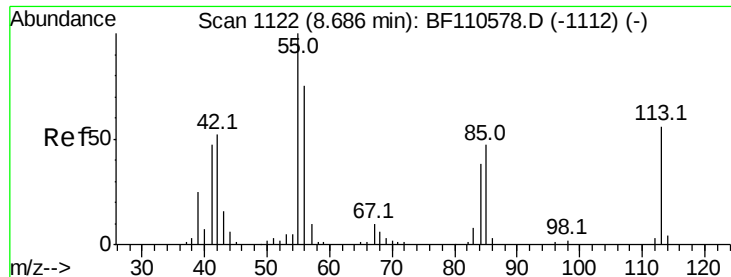
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#34
Hexachlorobutadiene
Concen: 40.195 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.4	51.4	77.2
227	64.5	51.0	76.6





#35

Caprolactam

Concen: 40.280 ng/mL

RT: 8.67 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Instrument :

BNA_F

ClientSampleId :

TS-BUCKETSMSD

Tot Ion:113 Resp: 43655

Ion Ratio Lower Upper

113 100

55 189.0 142.8 182.8#

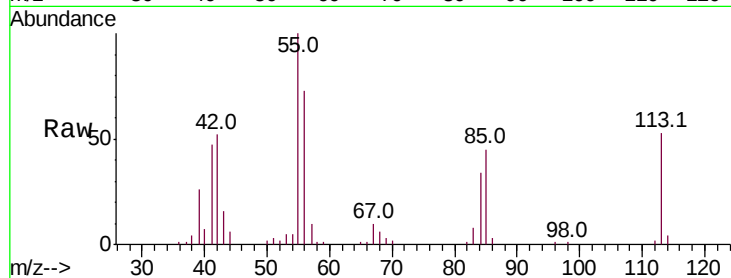
56 137.1 105.0 145.0

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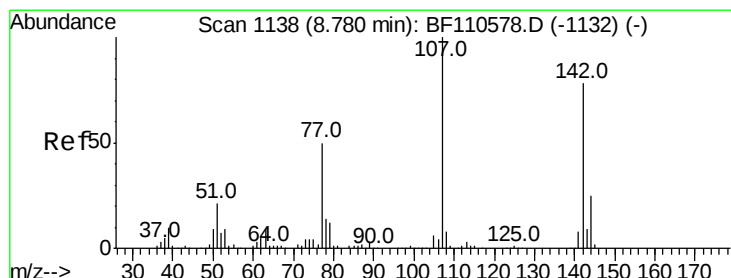
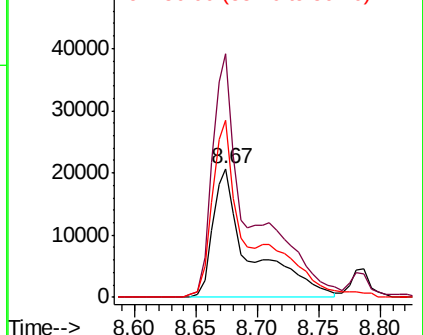
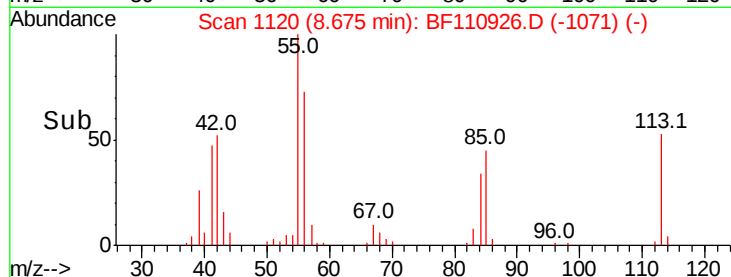
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 46.152 ng/mL

RT: 8.79 min Scan# 1139

Delta R.T. 0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

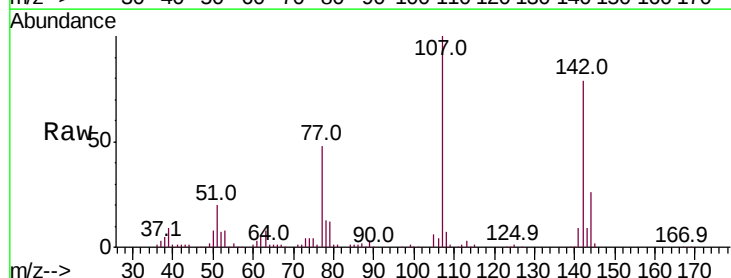
Tgt Ion:107 Resp: 161466

Ion Ratio Lower Upper

107 100

144 25.8 20.0 30.0

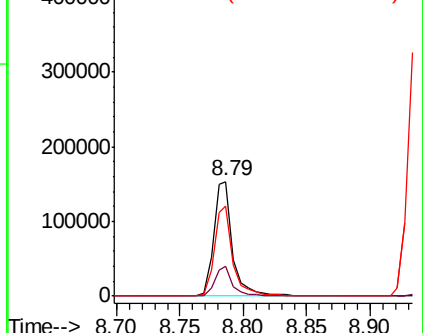
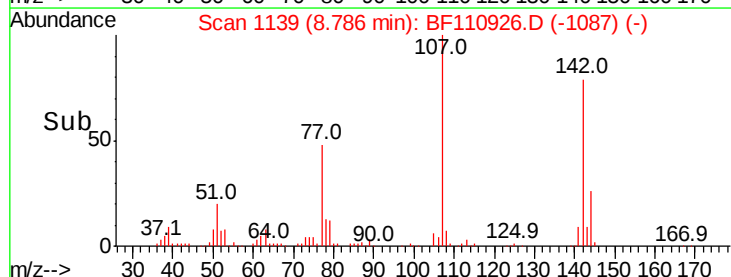
142 78.7 59.7 89.5

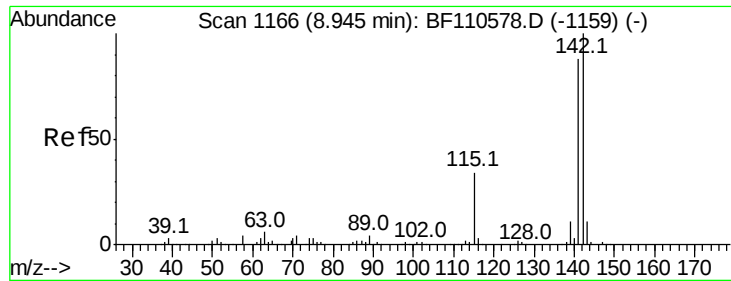


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





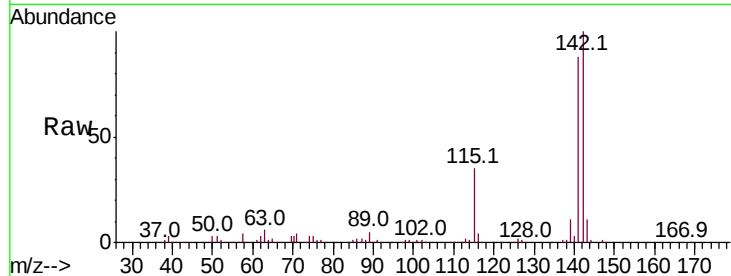
#37
2-Methylnaphthalene
Concen: 48.266 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.4	107.2
115	34.8	28.7	43.1

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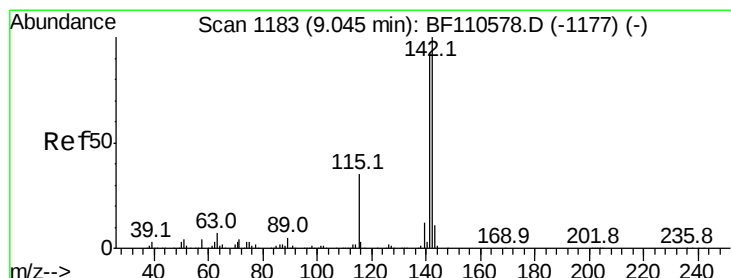
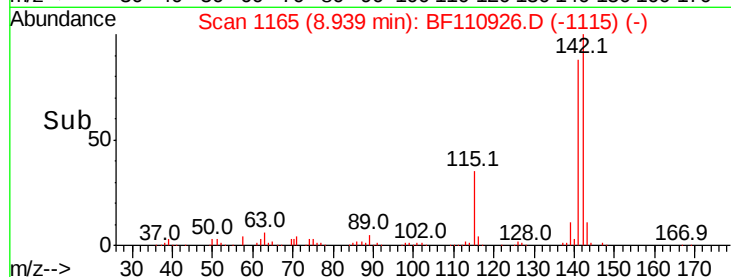
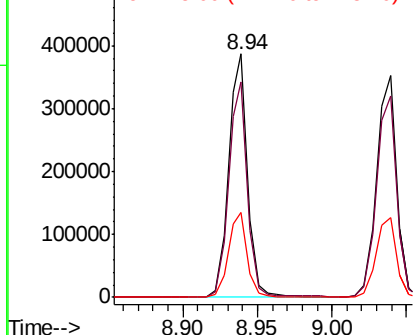


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 46.703 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

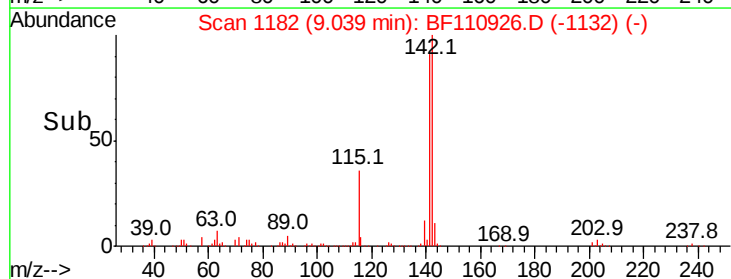
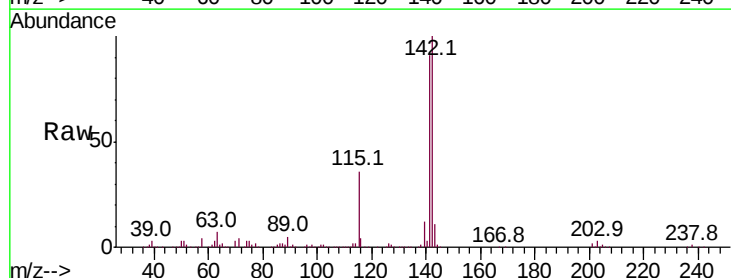
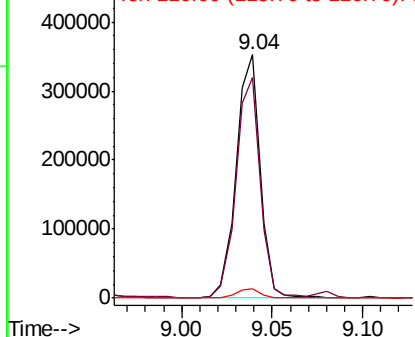
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	74.2	111.4
116	3.7	2.6	4.0

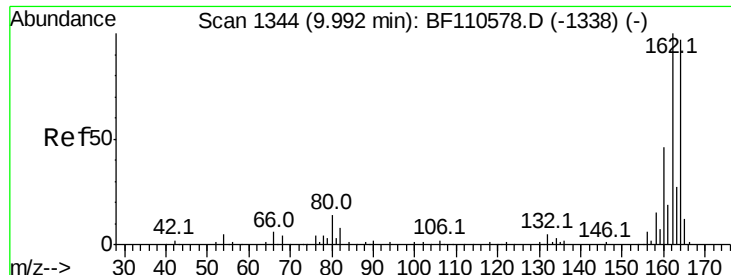
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





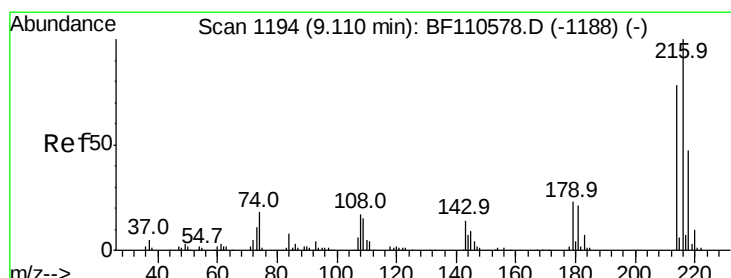
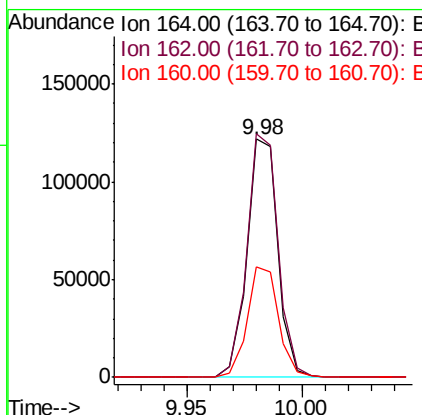
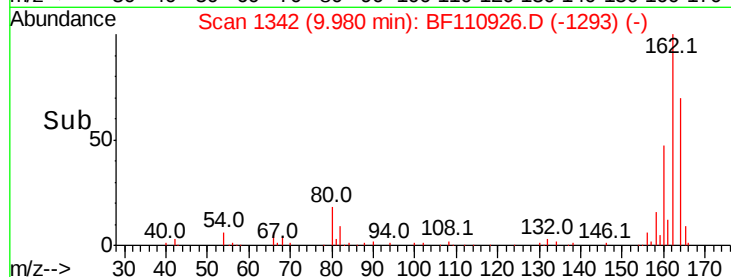
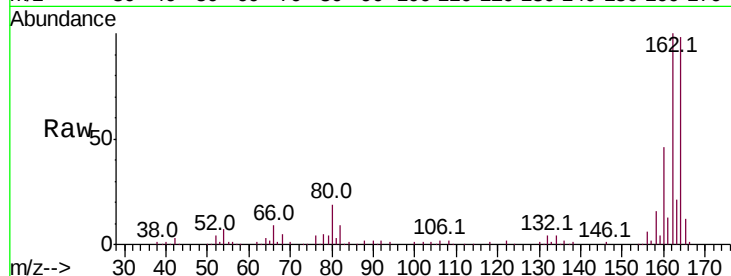
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.0	124.6
160	46.6	37.0	55.6

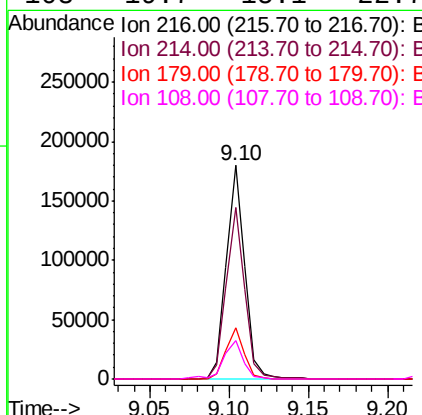
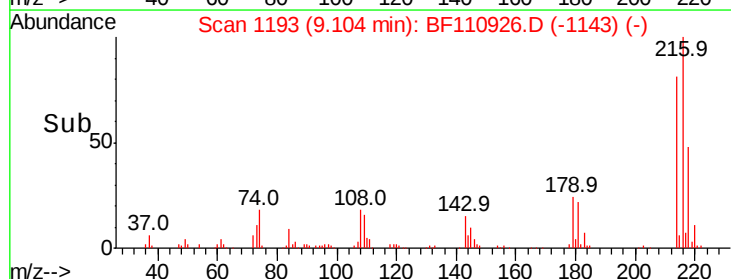
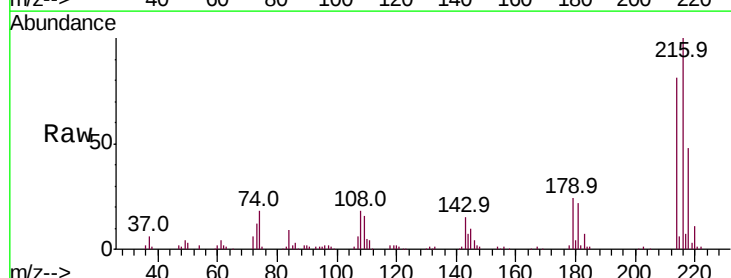
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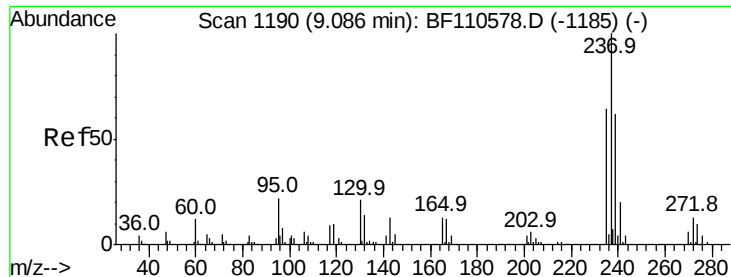
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.210 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.5	63.8	95.6
179	23.4	16.6	25.0
108	19.7	15.1	22.7





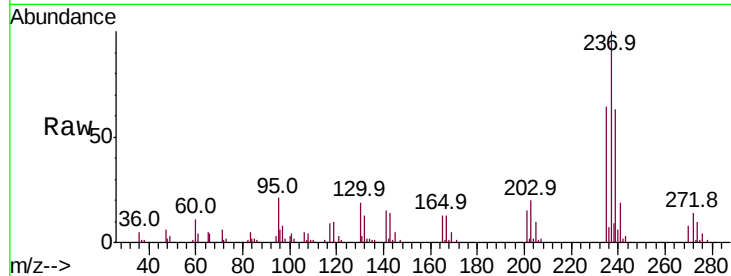
#41
Hexachlorocyclopentadiene
Concen: 33.561 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMSD

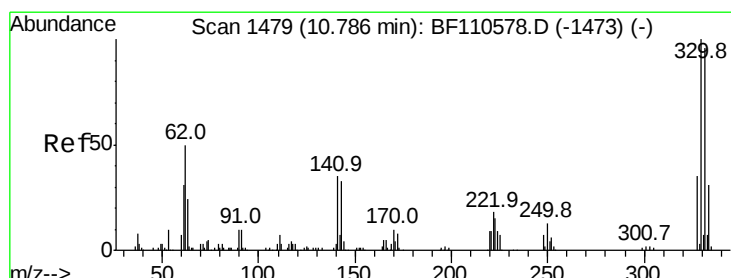
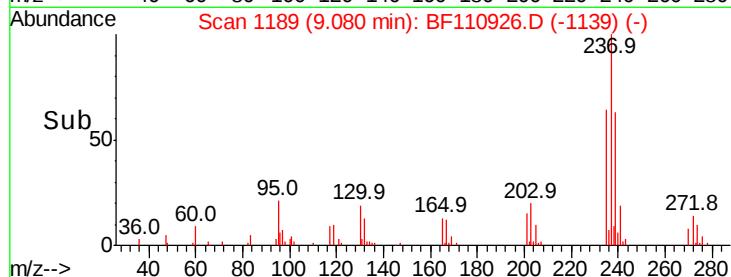
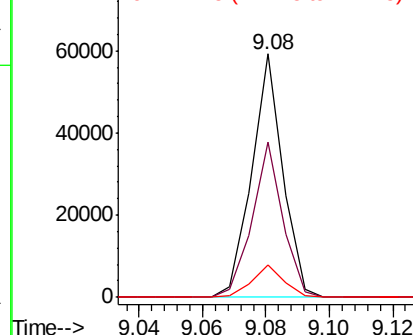
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.6	43.1	83.1
272	13.5	0.0	32.6

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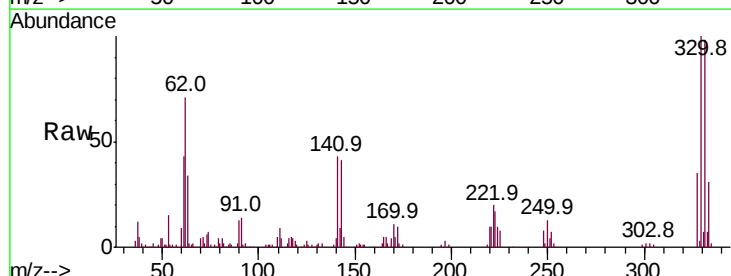


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

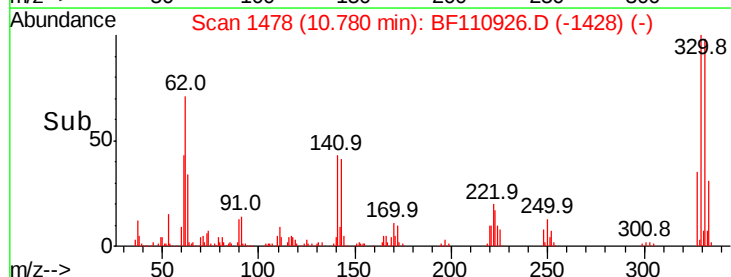
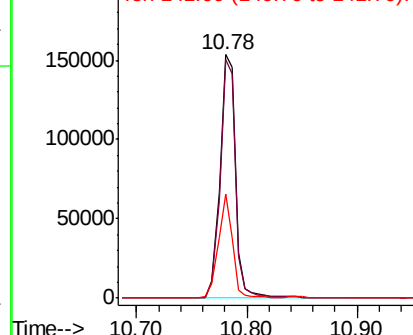


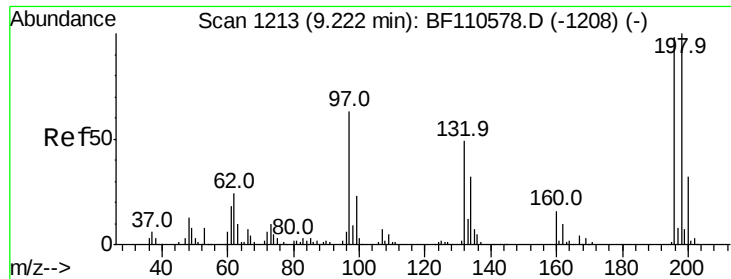
#42
2,4,6-Tribromophenol
Concen: 131.342 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.6	77.1	115.7
141	38.4	27.0	40.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





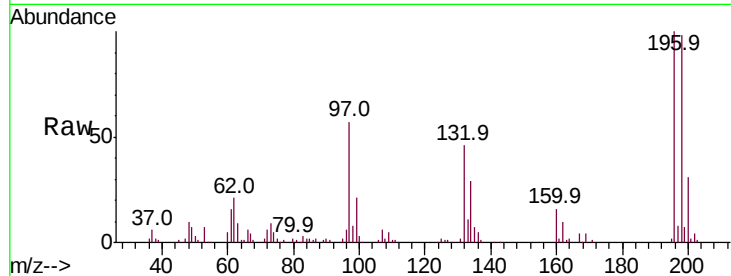
#43
 2,4,6-Trichlorophenol
 Concen: 43.319 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Instrument :
 BNA_F
 ClientSampleId :
 TS-BUCKETSMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	98039		
198	98.2	76.2	114.4	
200	30.7	24.4	36.6	

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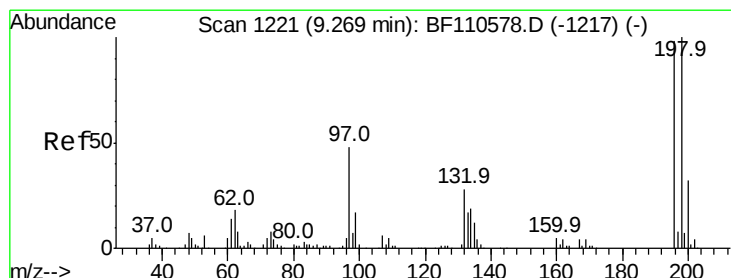
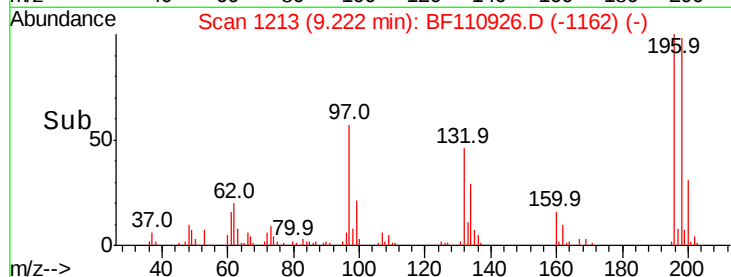
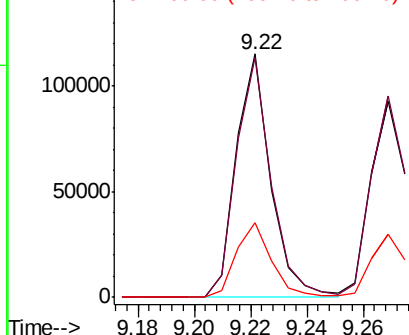


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 42.661 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	102989		
198	102.8	75.8	113.6	
97	55.2	42.4	63.6	
132	31.3	22.8	34.2	

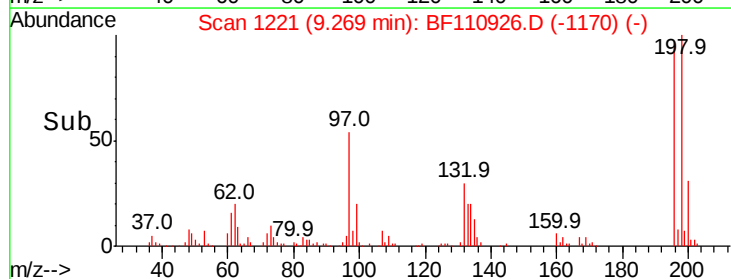
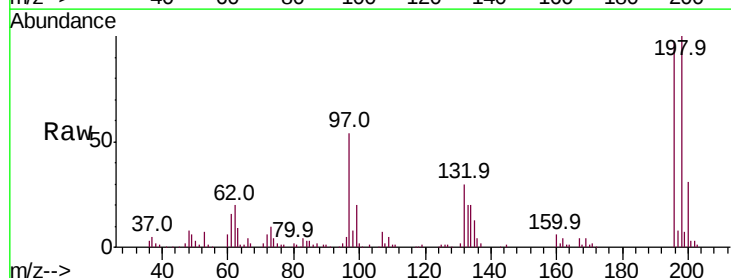
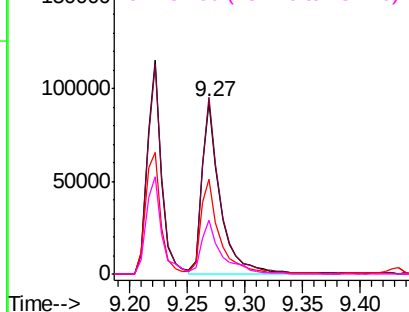
Abundance

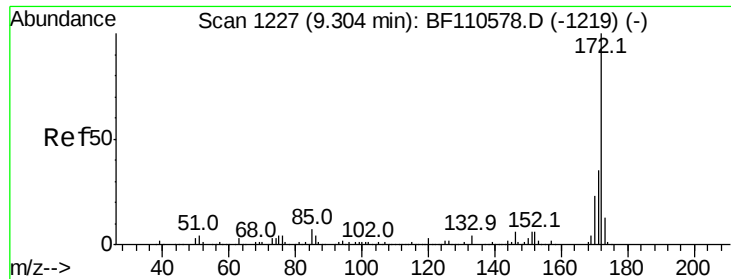
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





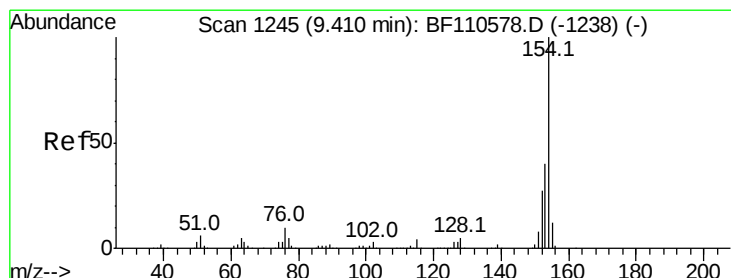
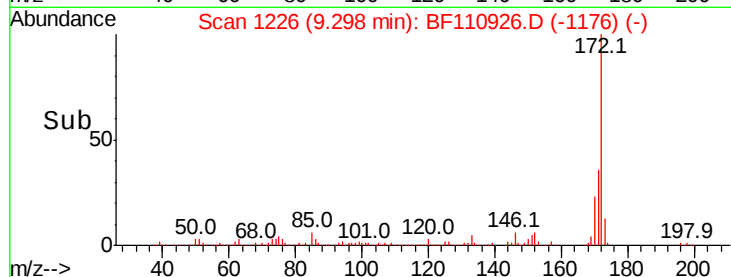
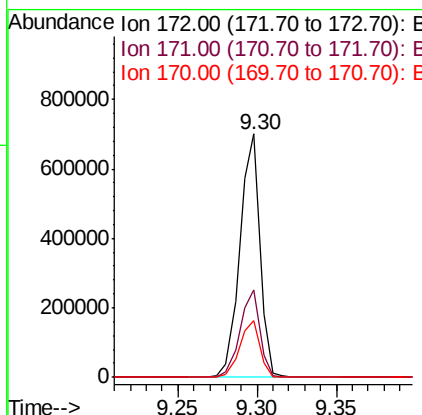
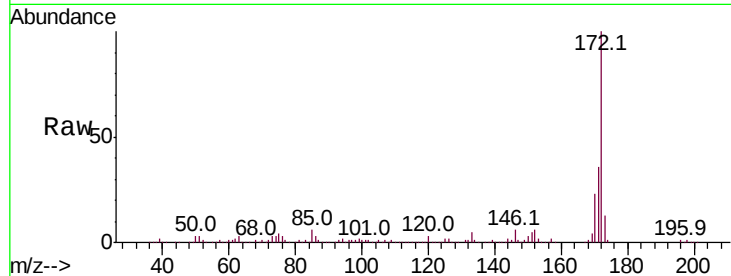
#45
2-Fluorobiphenyl
Concen: 76.937 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	612931		
171	36.1		28.6	43.0
170	23.2		19.7	29.5

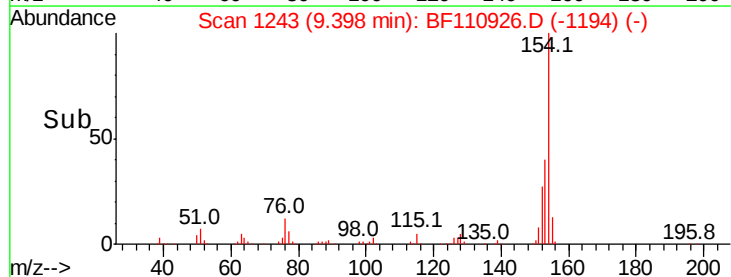
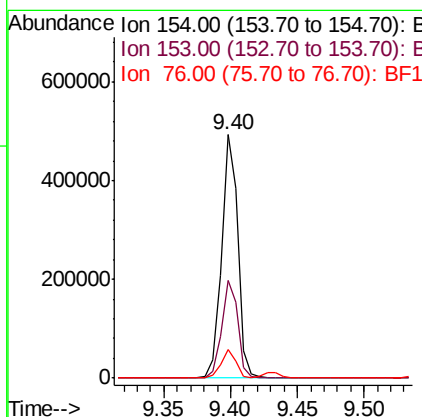
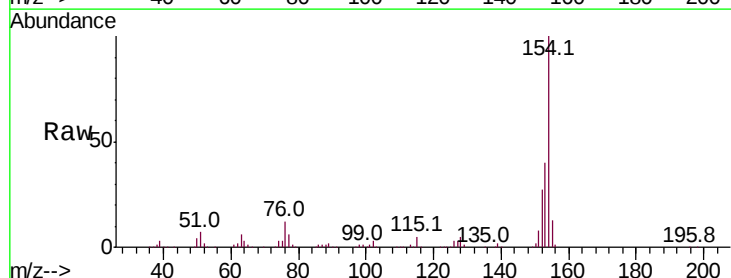
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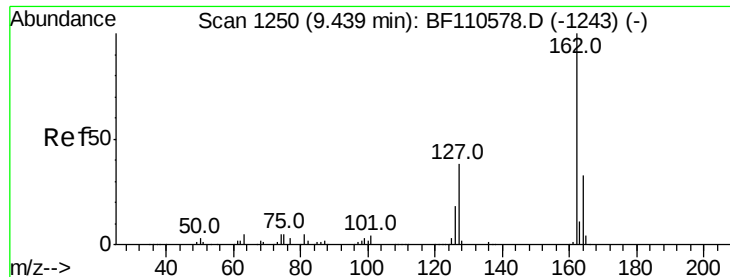
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#46
1,1'-Biphenyl
Concen: 39.819 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	422637		
153	40.4		20.4	60.4
76	11.8		0.0	31.9





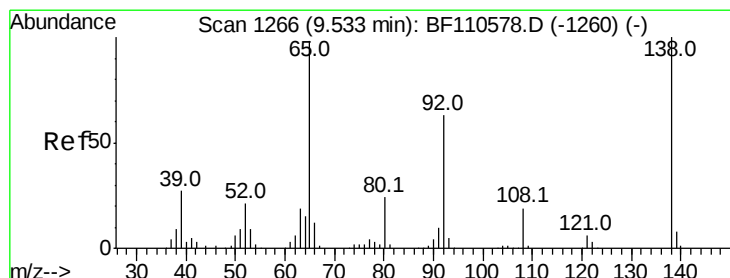
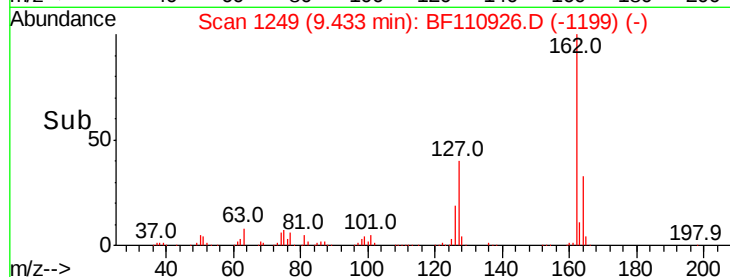
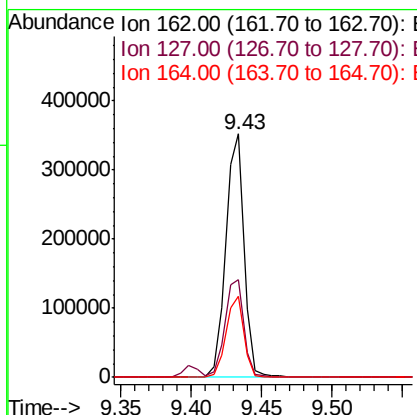
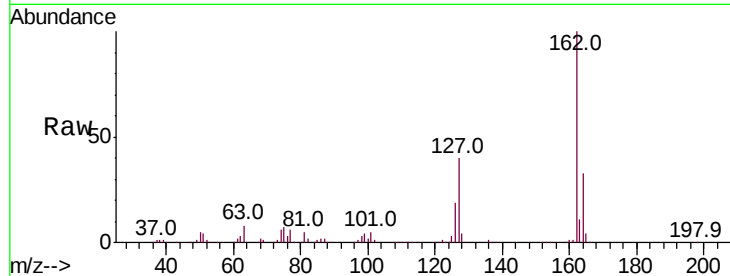
#47
 2-Chloronaphthalene
 Concen: 41.471 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Instrument :
 BNA_F
 ClientSampleId :
 TS-BUCKETSMSD

Tot Ion:	162	Resp:	317116
Ion Ratio	Lower	Upper	
162	100		
127	40.1	32.6	48.8
164	33.2	25.9	38.9

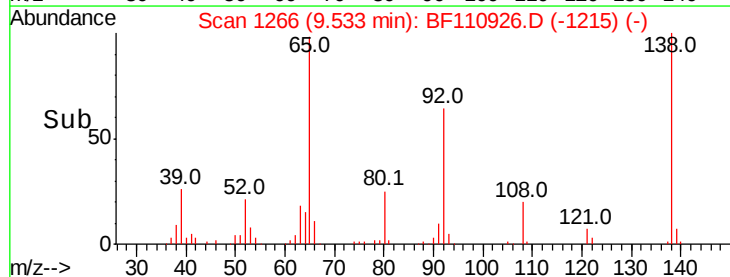
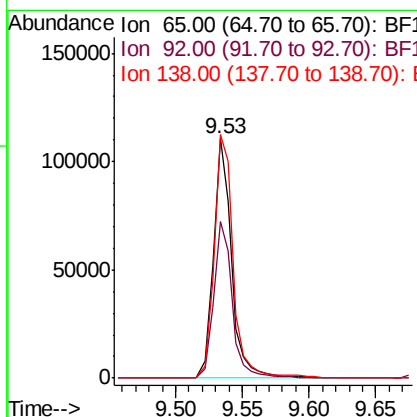
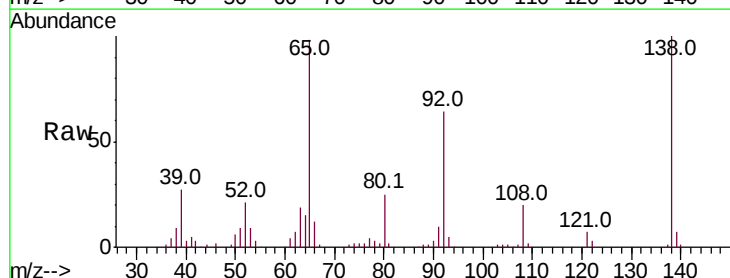
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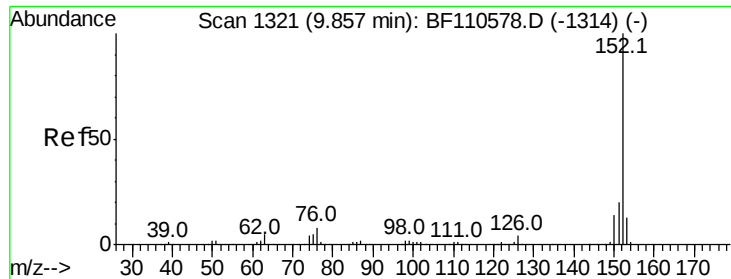
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#48
 2-Nitroaniline
 Concen: 44.721 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Tgt Ion:	65	Resp:	105379
Ion Ratio	Lower	Upper	
65	100		
92	65.1	54.6	81.8
138	101.6	80.3	120.5





#49

Acenaphthylene

Concen: 45.397 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Instrument :

BNA_F

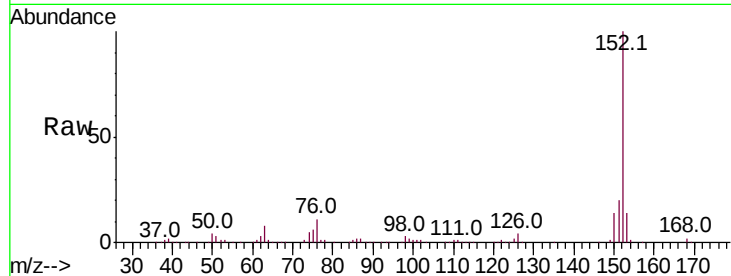
ClientSampleId :

TS-BUCKETSMSD

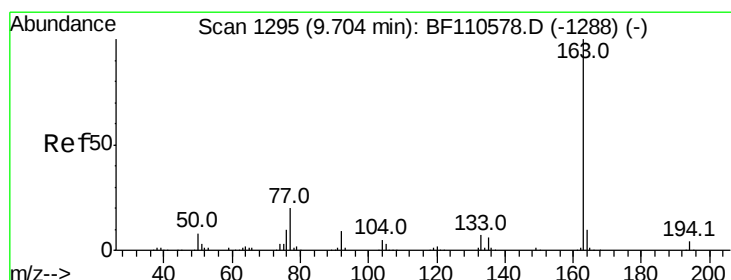
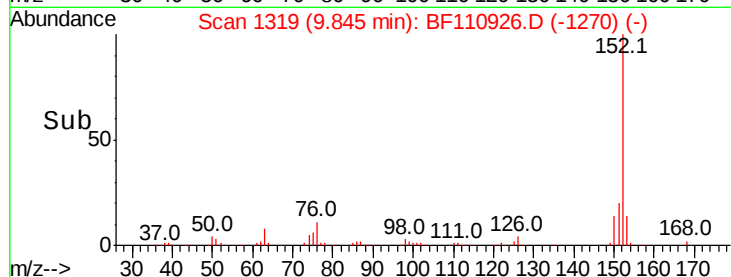
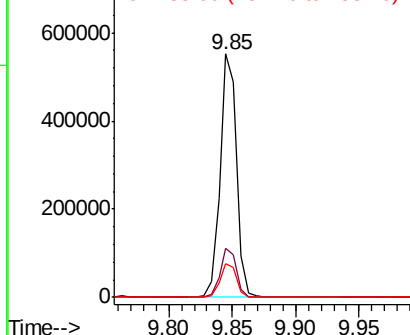
Tot Ion:	152	Resp:	499924
Ion Ratio	Lower	Upper	
152	100		
151	20.0	15.8	23.8
153	13.8	10.4	15.6

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.857 ng

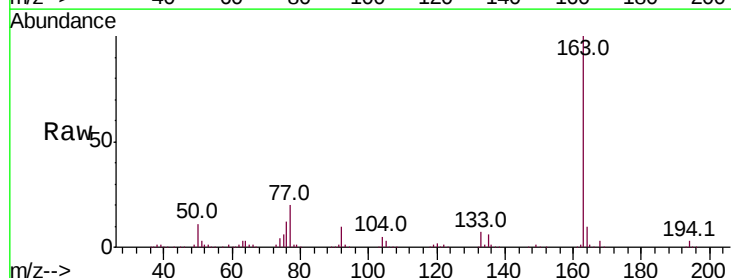
RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

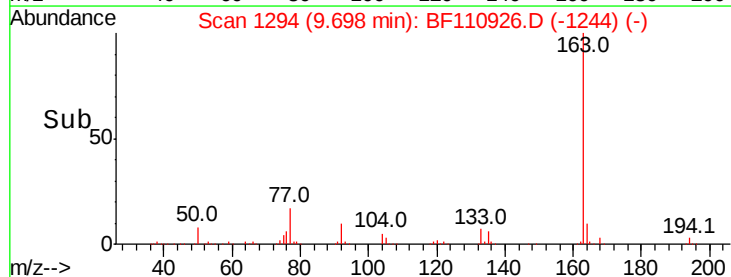
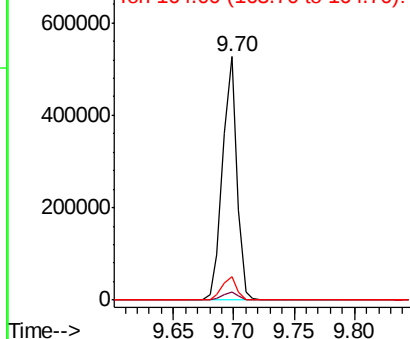
Lab File: BF110926.D

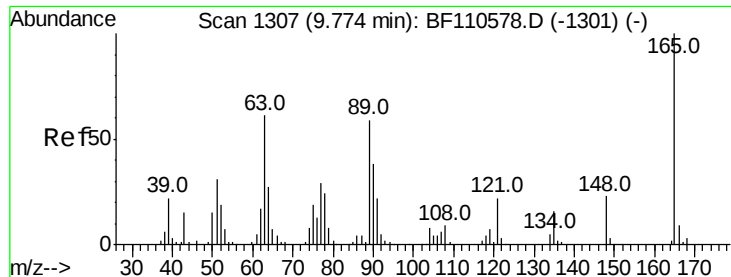
Acq: 21 Nov 2018 14:15

Tgt Ion:	163	Resp:	431766
Ion Ratio	Lower	Upper	
163	100		
194	3.5	3.2	4.8
164	9.7	8.1	12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





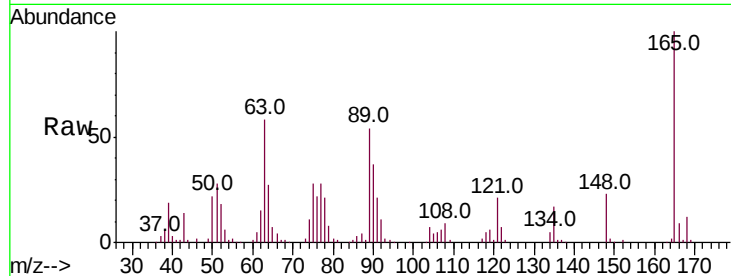
#51
2,6-Dinitrotoluene
Concen: 44.589 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMSD

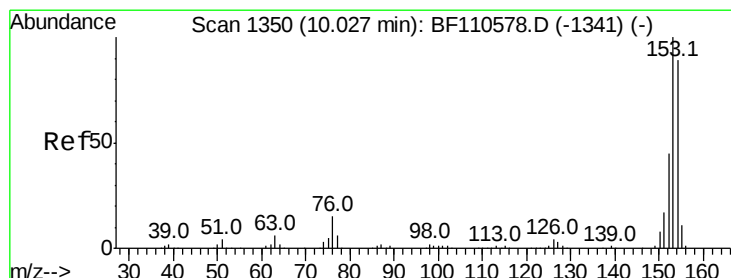
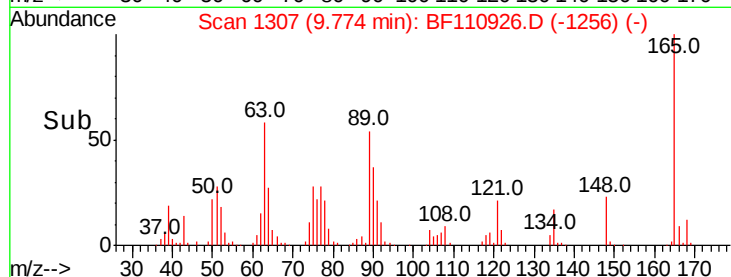
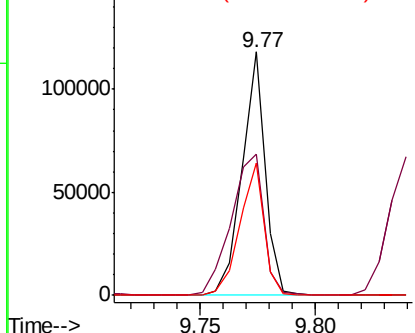
Tot Ion	Ratio	Lower	Upper
165	100		
63	57.8	48.9	73.3
89	54.2	46.6	69.8

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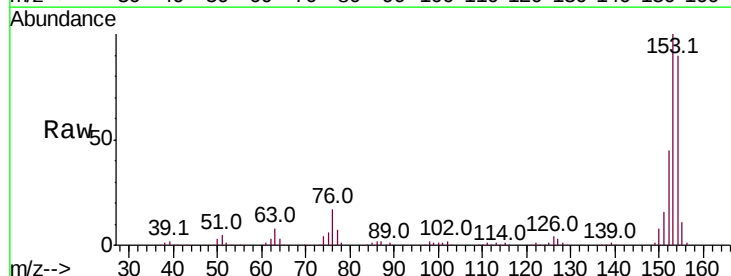


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

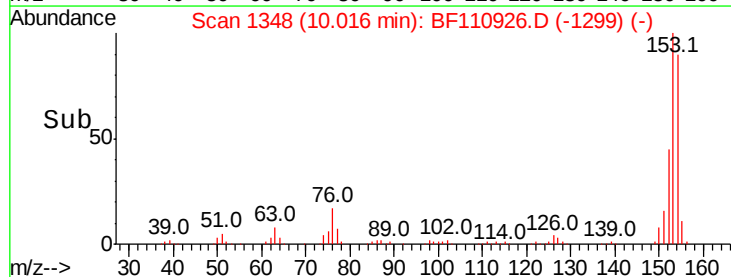
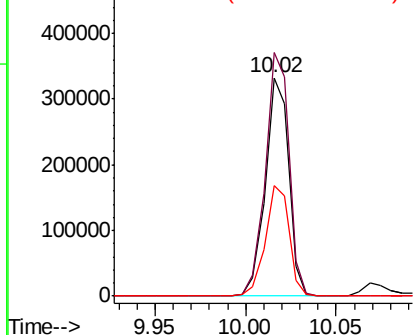


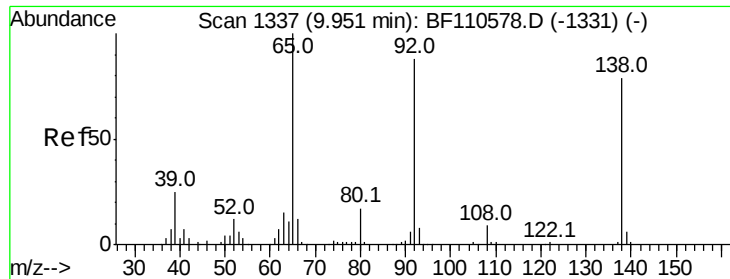
#52
Acenaphthene
Concen: 43.068 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.5	90.1	135.1
152	50.5	43.4	65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





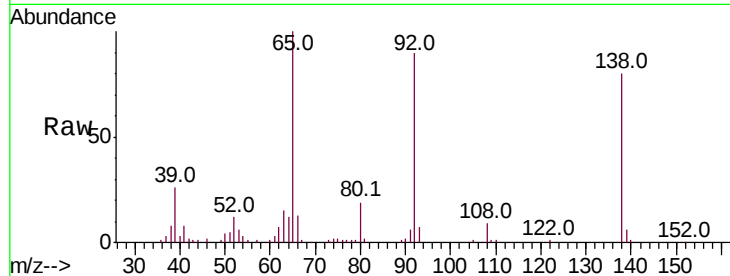
#53
3-Nitroaniline
Concen: 25.727 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMSD

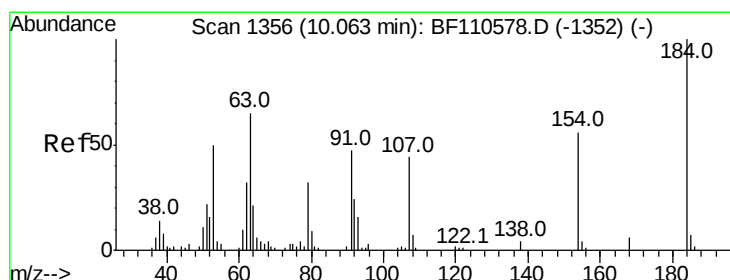
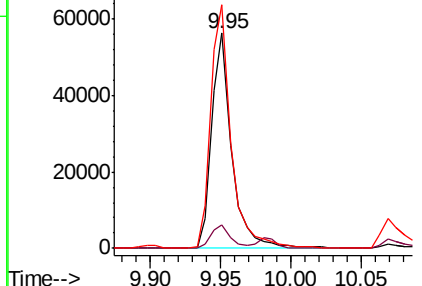
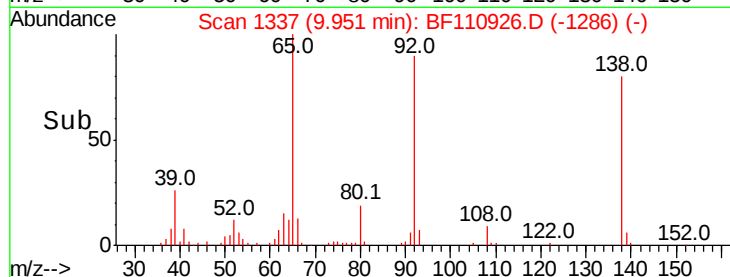
Tot Ion:138 Resp: 55665
Ion Ratio Lower Upper
138 100
108 11.1 8.7 13.1
92 113.3 97.0 145.4

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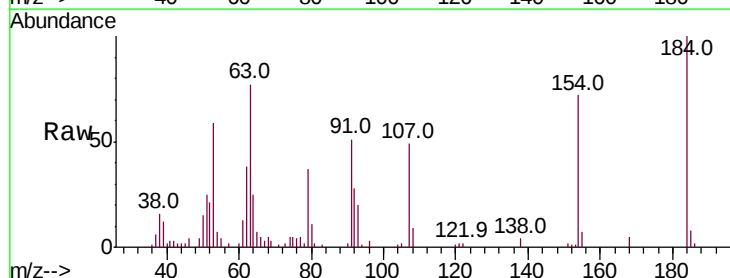


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

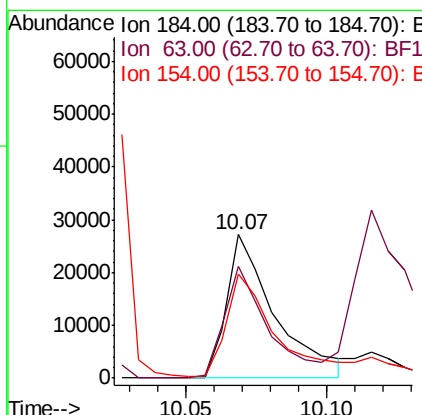
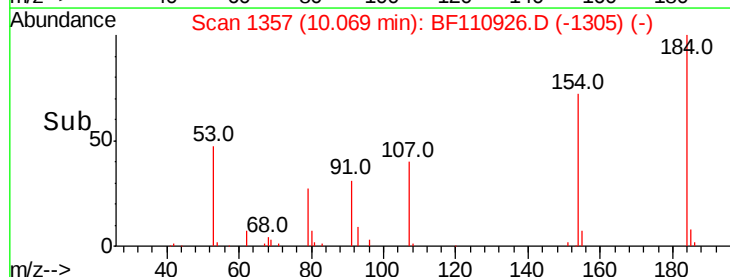


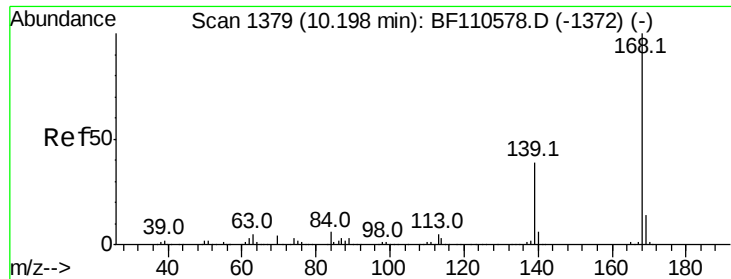
#54
2,4-Dinitrophenol
Concen: 45.456 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion:184 Resp: 32213
Ion Ratio Lower Upper
184 100
63 77.5 55.8 83.6
154 72.4 63.2 94.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





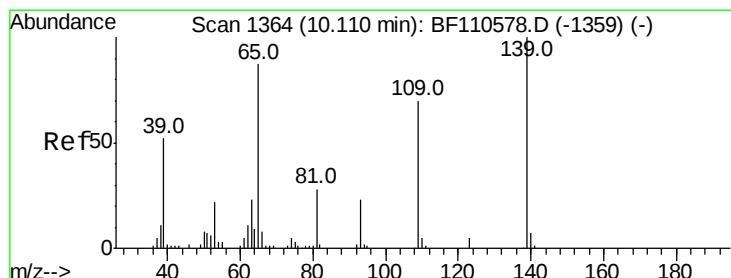
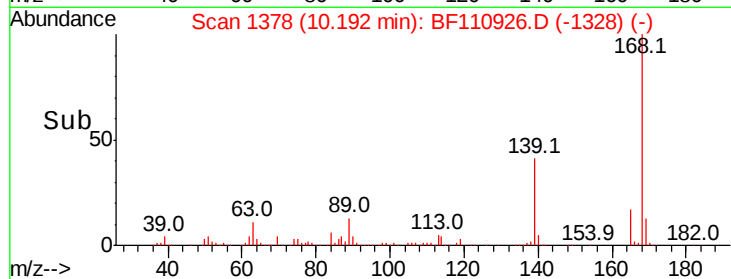
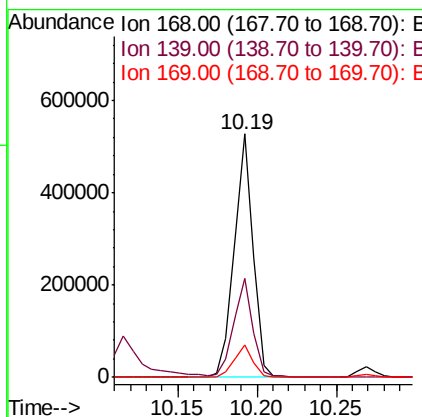
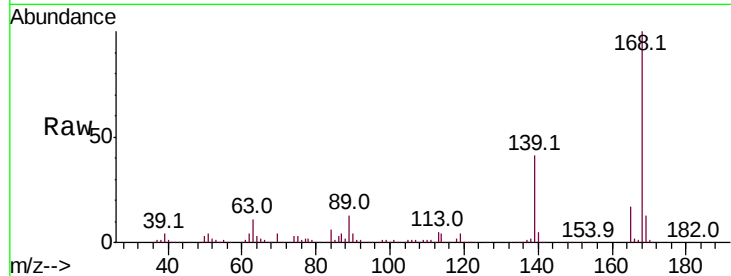
#55
Dibenzofuran
Concen: 42.745 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.5	33.0	49.6
169	13.3	11.3	16.9

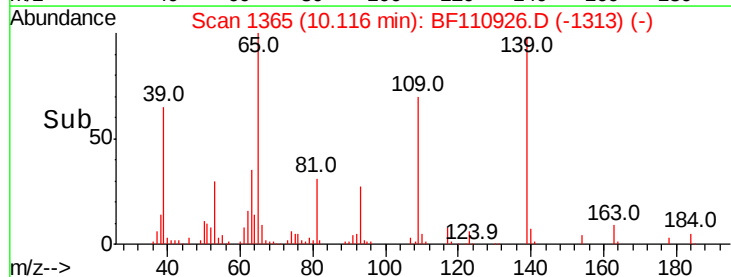
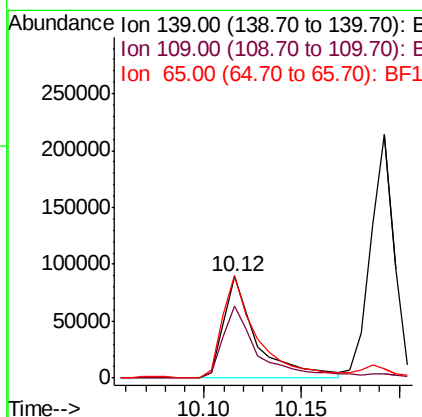
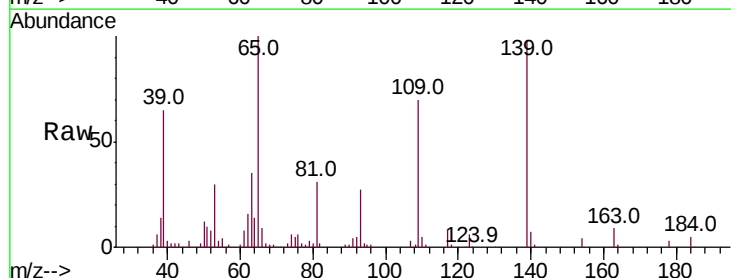
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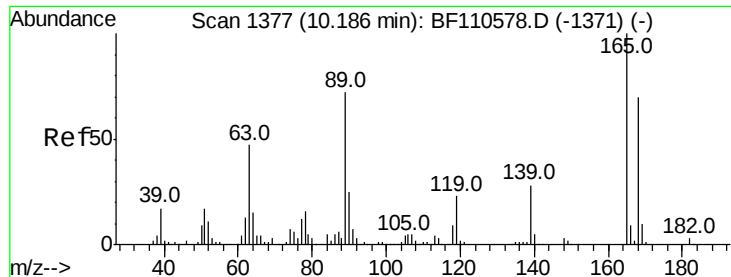
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#56
4-Nitrophenol
Concen: 73.129 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.7	55.8	95.8
65	102.0	77.9	117.9





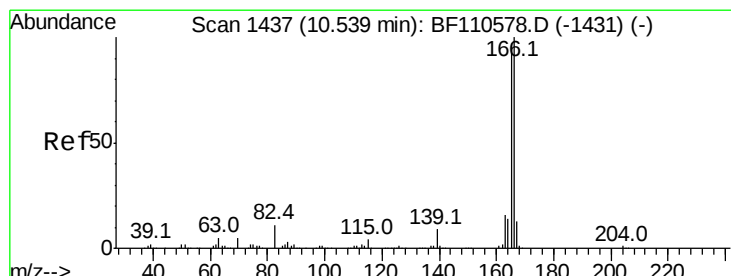
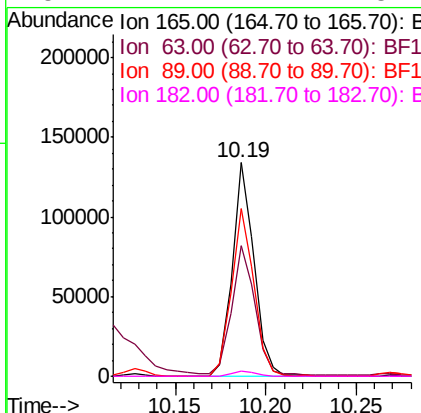
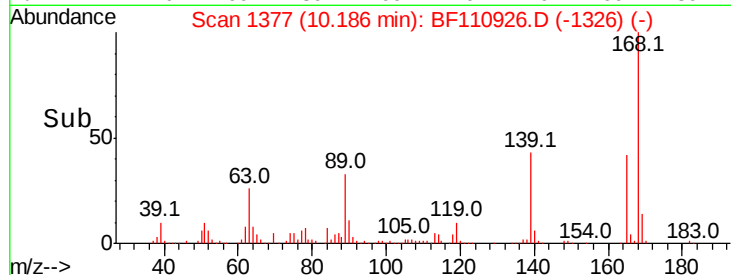
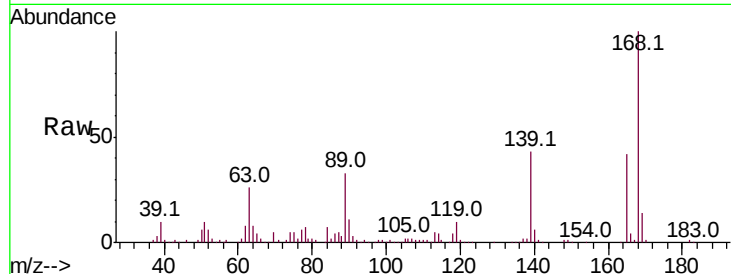
#57
 2,4-Dinitrotoluene
 Concen: 46.153 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Instrument :
 BNA_F
 ClientSampleId :
 TS-BUCKETSMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		112072		
63	61.2	44.8	67.2		
89	78.6	62.2	93.4		
182	2.4	2.1	3.1		

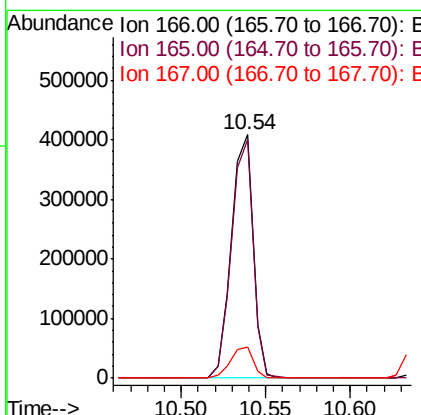
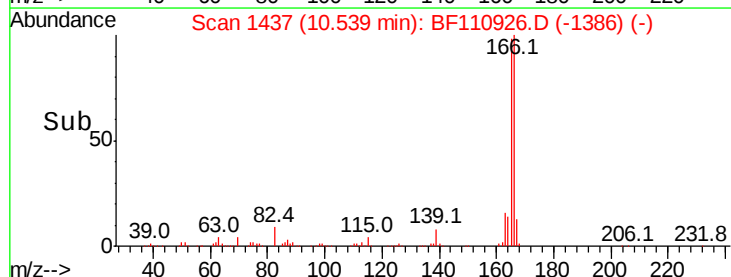
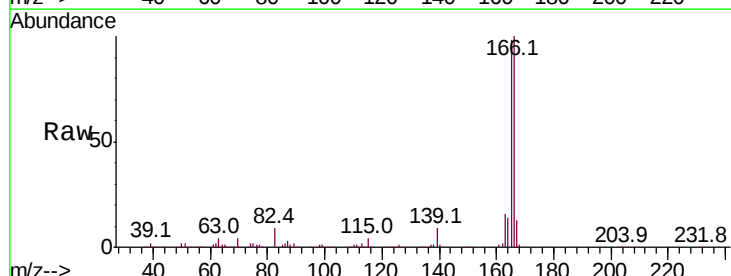
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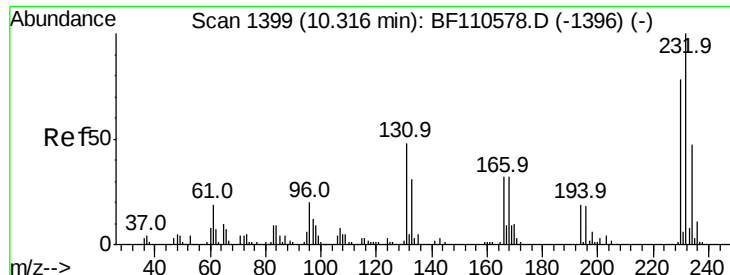
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#58
 Fluorene
 Concen: 46.640 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.00 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		364759		
165	97.7	78.6	117.8		
167	12.9	10.8	16.2		





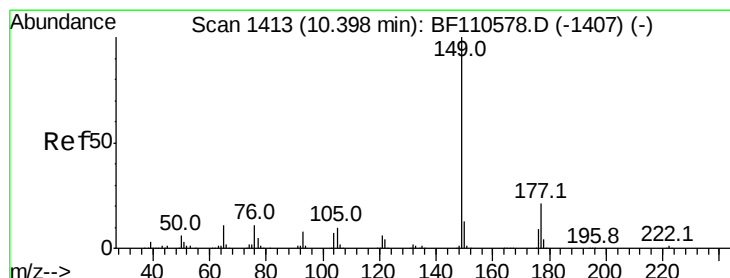
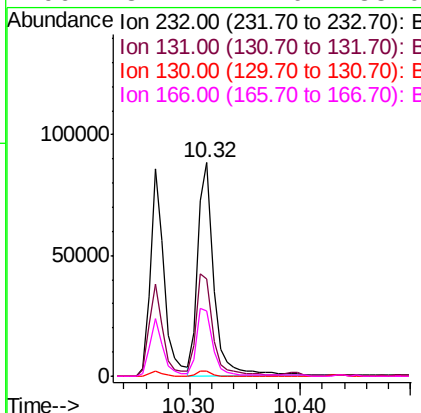
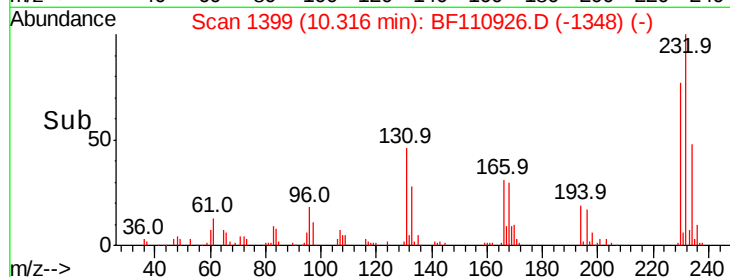
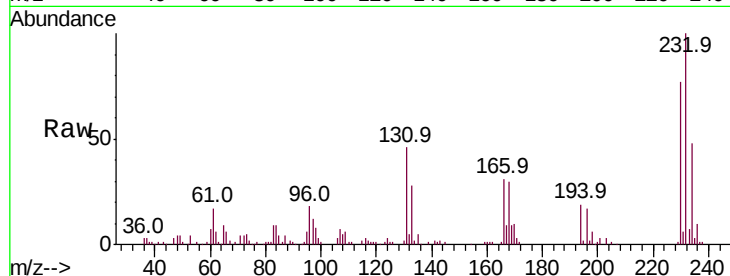
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.837 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Instrument :
 BNA_F
 ClientSampleId :
 TS-BUCKETSMSD

Tot Ion:	232	Resp:	87051
Ion Ratio	Lower	Upper	
232	100		
131	49.2	37.0	55.4
130	2.3	1.8	2.6
166	31.7	22.0	33.0

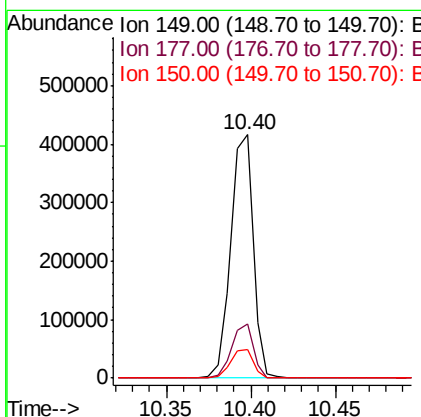
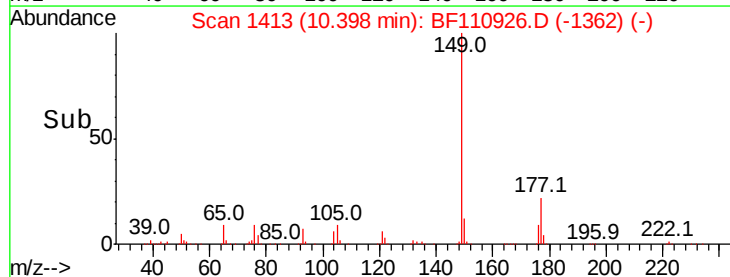
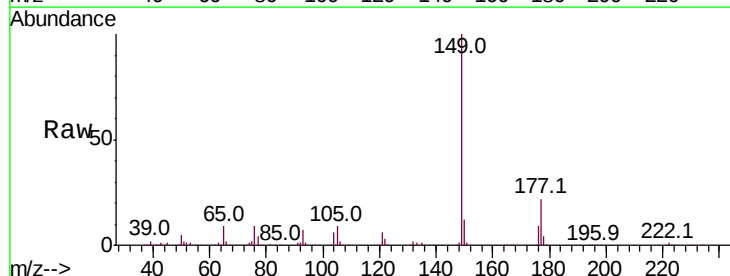
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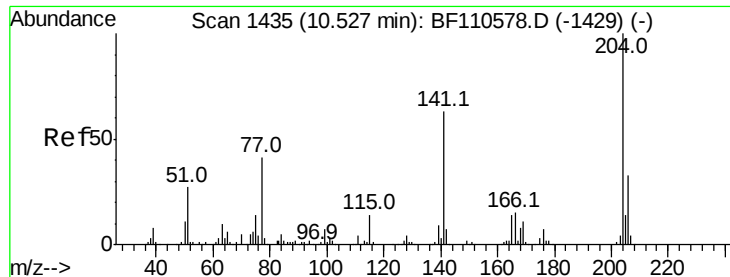
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#60
 Diethylphthalate
 Concen: 45.555 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Tgt Ion:	149	Resp:	382621
Ion Ratio	Lower	Upper	
149	100		
177	22.2	17.4	26.2
150	12.0	9.8	14.8





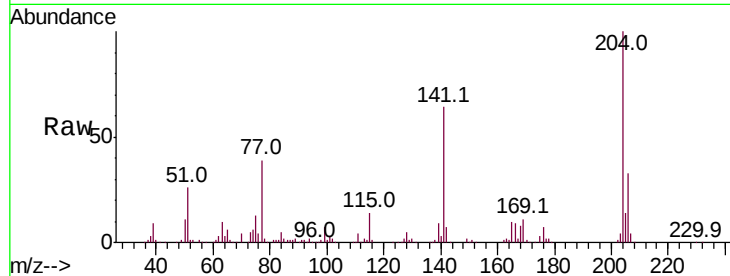
#61
4-Chlorophenyl-phenylether
Concen: 42.095 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	64.2	51.8	77.8

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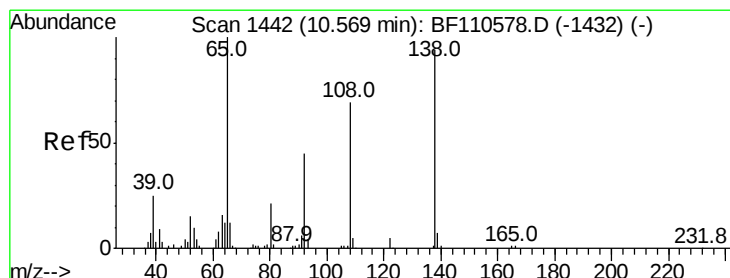
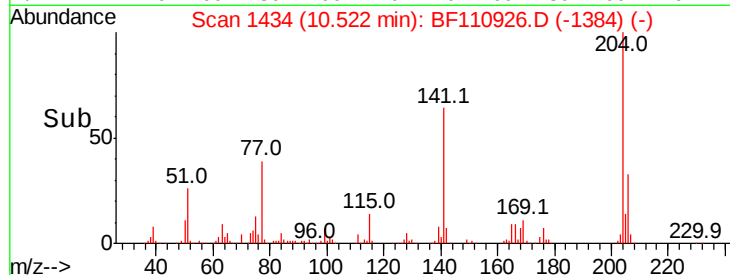
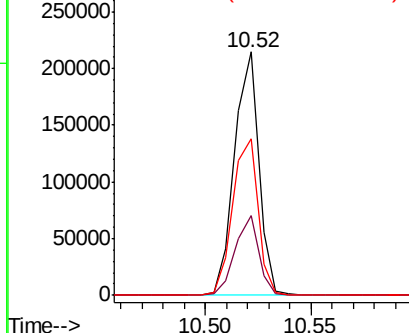


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 38.040 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

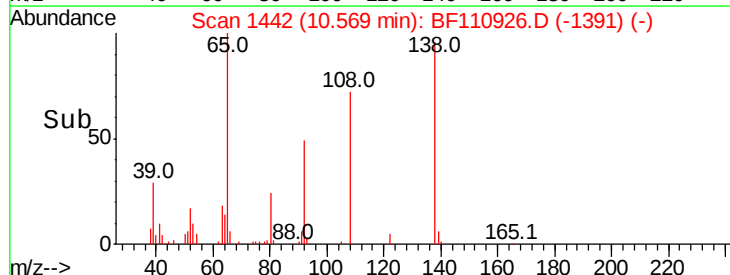
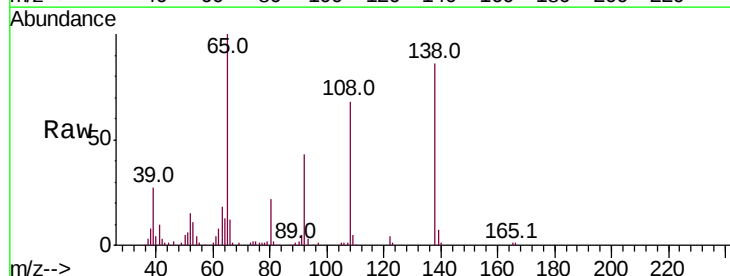
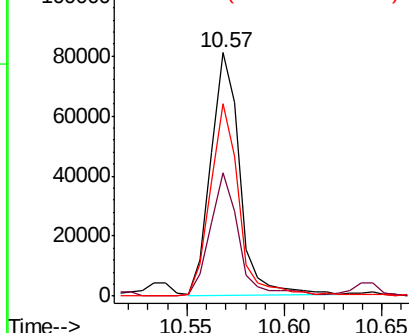
Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.5	31.7	71.7
108	79.3	59.3	99.3

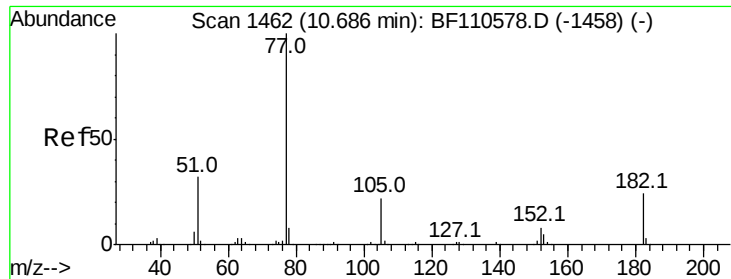
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





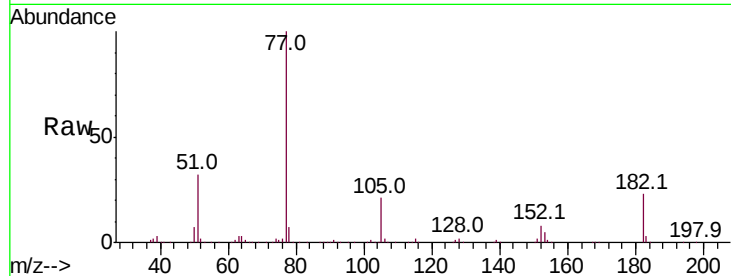
#63
Azobenzene
Concen: 43.072 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMSD

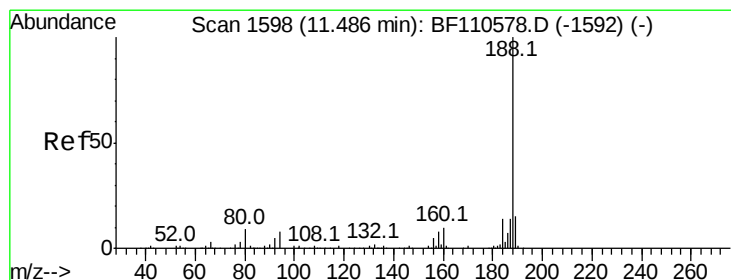
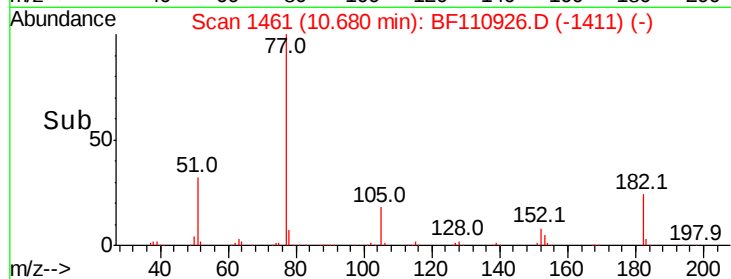
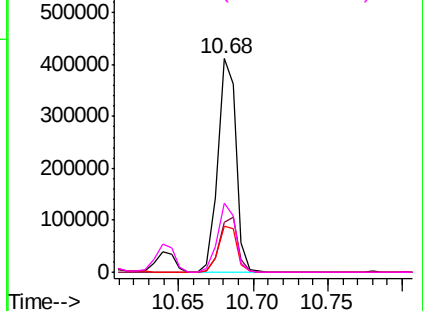
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	23.2	4.3	44.3		
105	21.5	1.3	41.3		
51	32.3	9.0	49.0		

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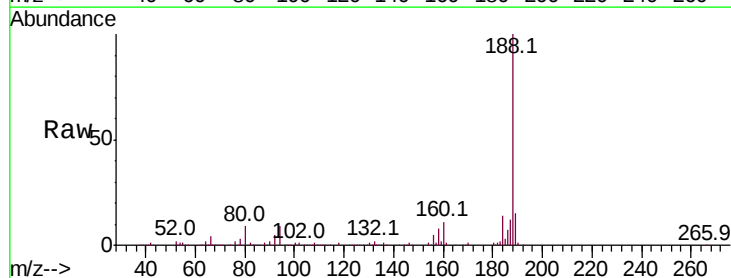


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

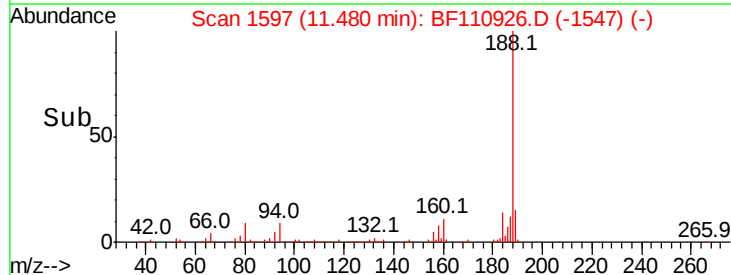
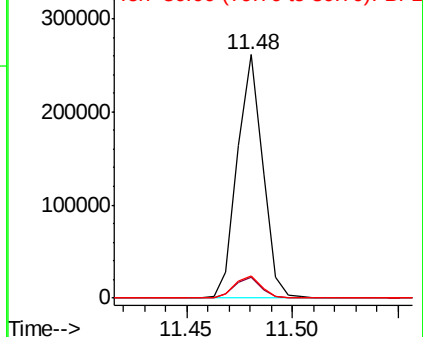


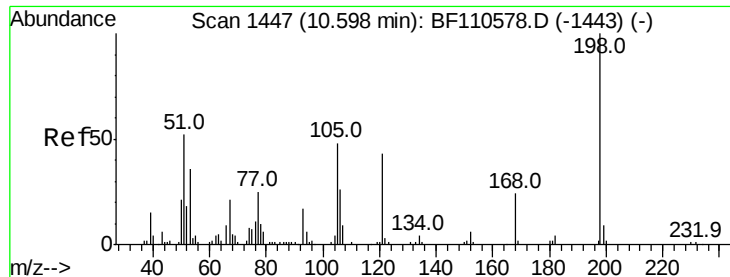
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.6	7.2	10.8		
80	9.1	7.9	11.9		



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 31.574 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Instrument :

BNA_F

ClientSampleId :

TS-BUCKETSMSD

Tot Ion:198 Resp: 34572

Ion Ratio Lower Upper

198 100

51 48.1 22.8 62.8

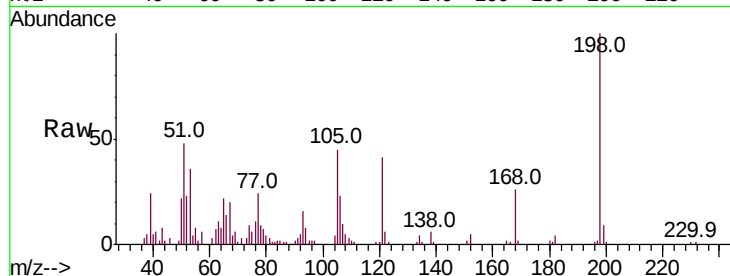
105 44.5 23.6 63.6

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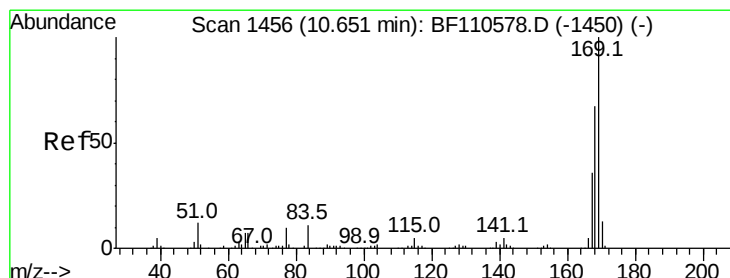
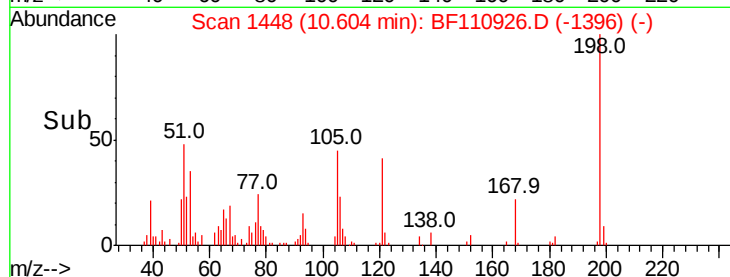
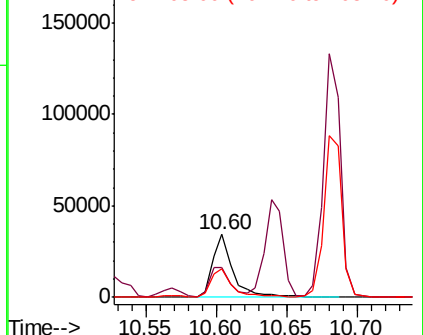
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.215 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Tgt Ion:169 Resp: 316468

Ion Ratio Lower Upper

169 100

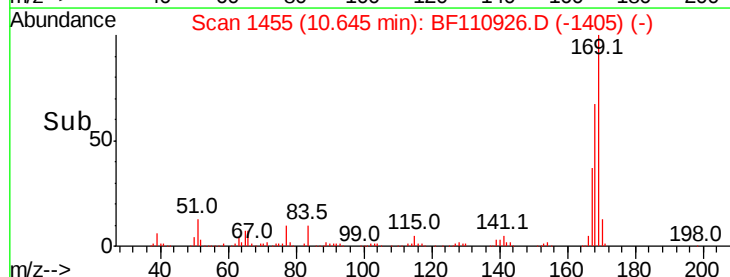
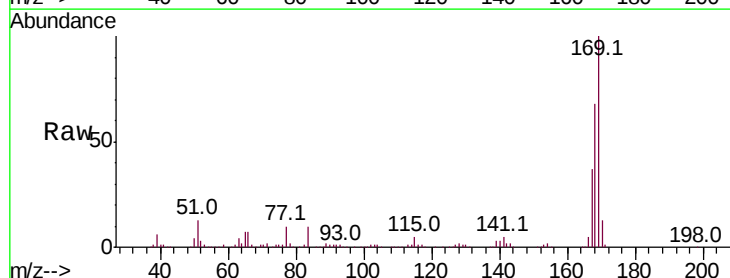
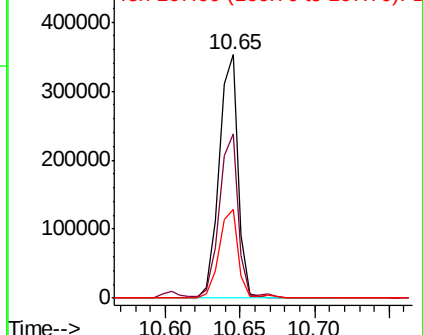
168 67.5 51.2 76.8

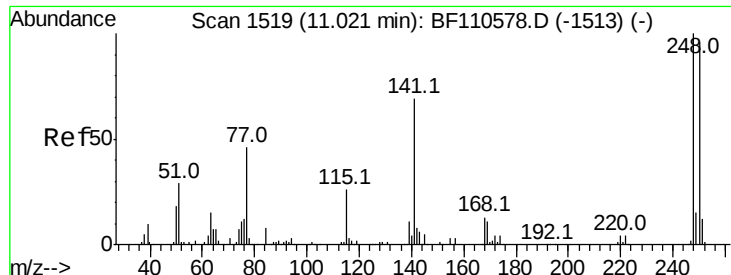
167 36.6 27.8 41.6

Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 42.030 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Instrument :

BNA_F

ClientSampleId :

TS-BUCKETSMSD

Tot Ion:248 Resp: 100920

Ion Ratio Lower Upper

248 100

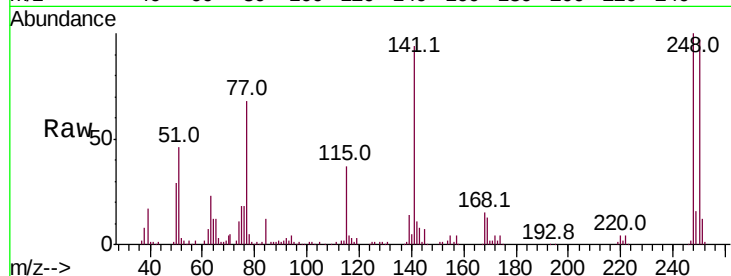
250 97.0 79.4 119.2

141 93.5 55.9 83.9#

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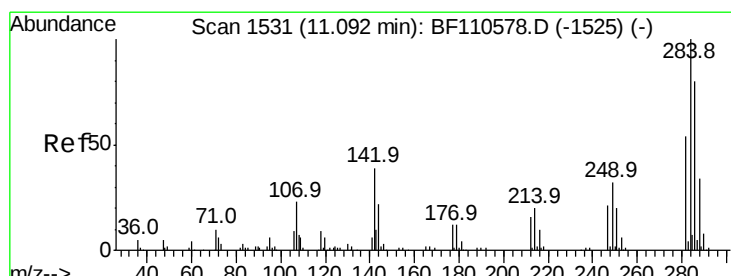
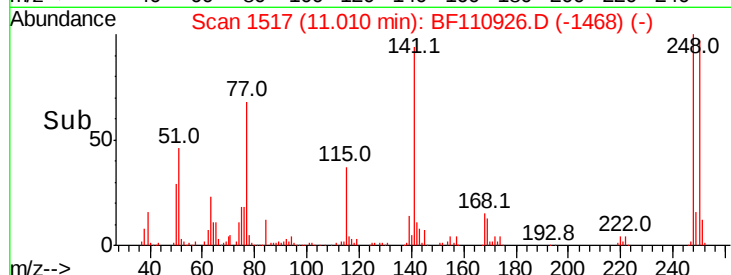
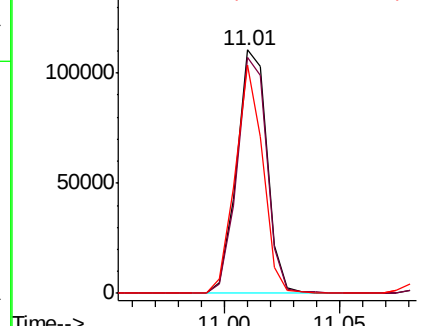
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Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 41.886 ng

RT: 11.09 min Scan# 1530

Delta R.T. -0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Tgt Ion:284 Resp: 106036

Ion Ratio Lower Upper

284 100

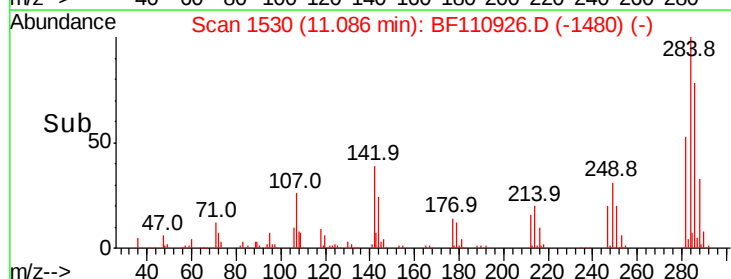
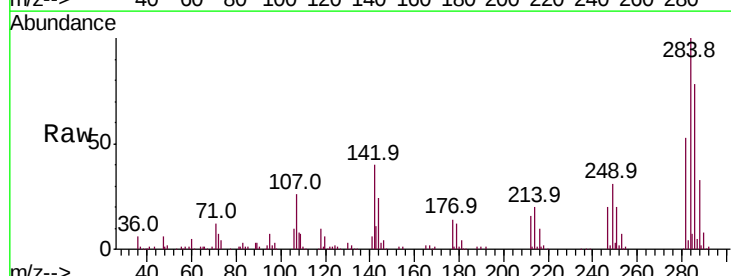
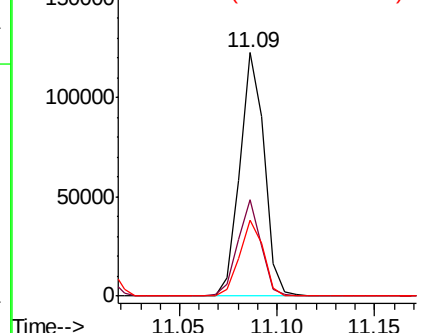
142 39.8 23.9 35.9#

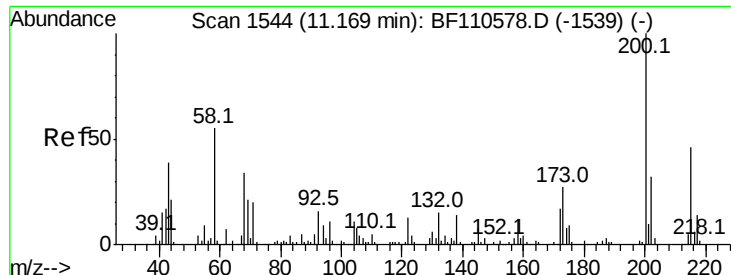
249 31.1 24.2 36.2

Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





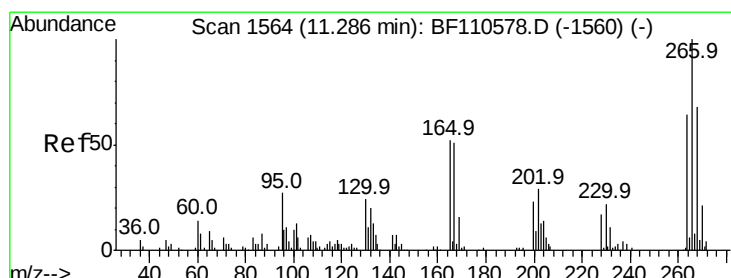
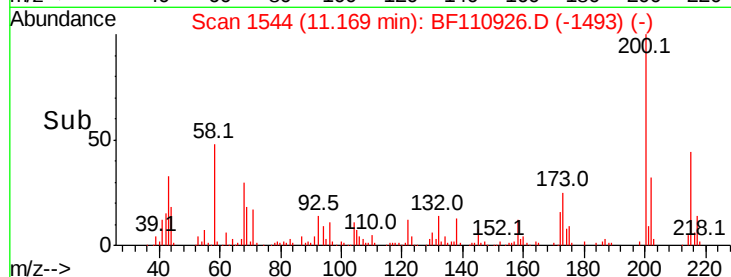
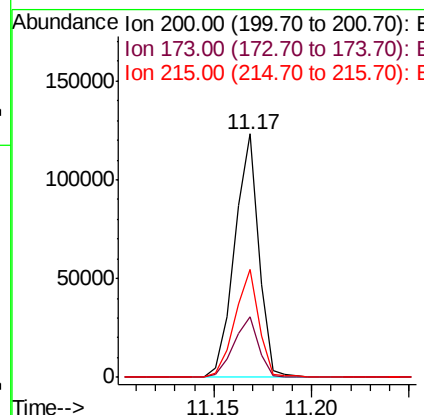
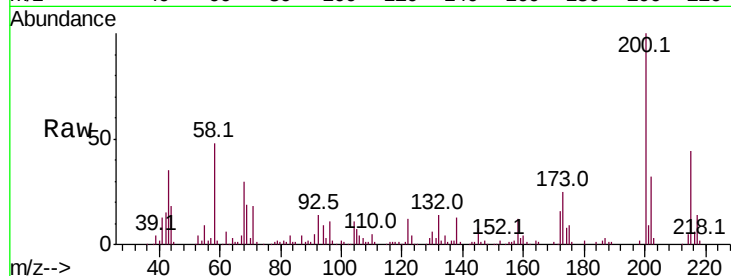
#69
Atrazine
Concen: 47.161 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.1	6.6	46.6
215	44.3	26.3	66.3

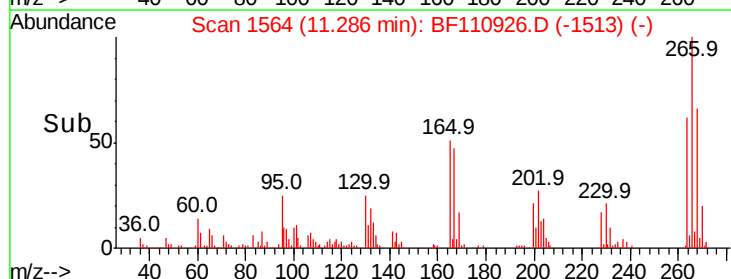
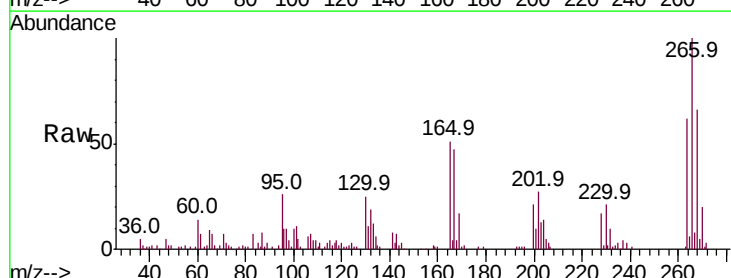
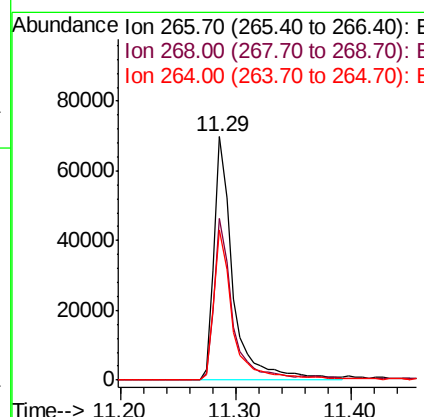
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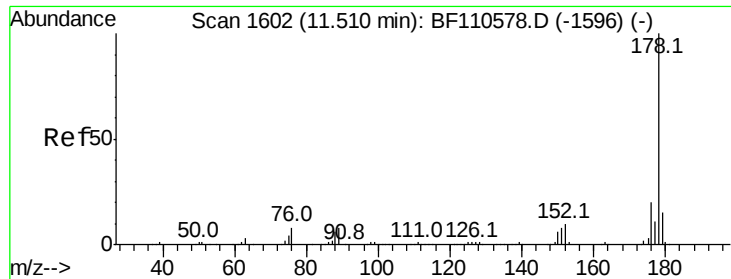
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#70
Pentachlorophenol
Concen: 59.612 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.4	50.6	75.8
264	61.9	50.6	75.8





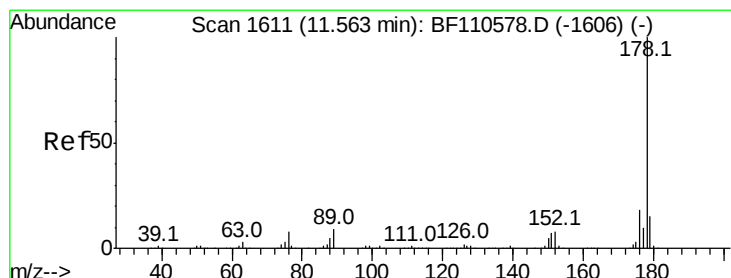
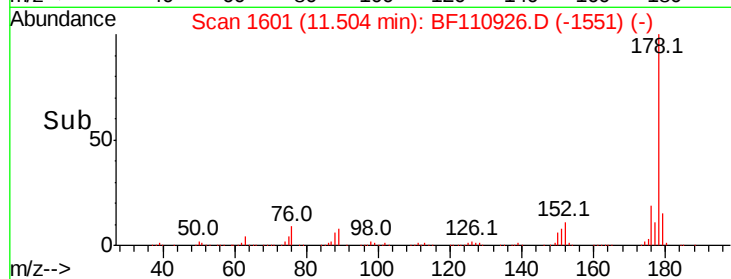
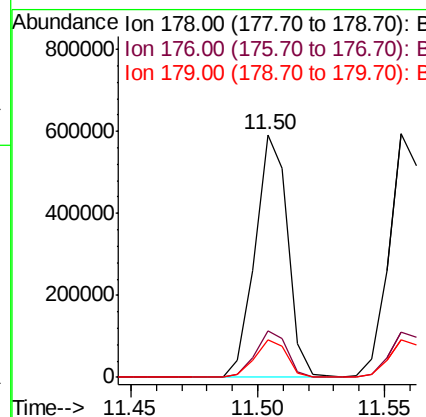
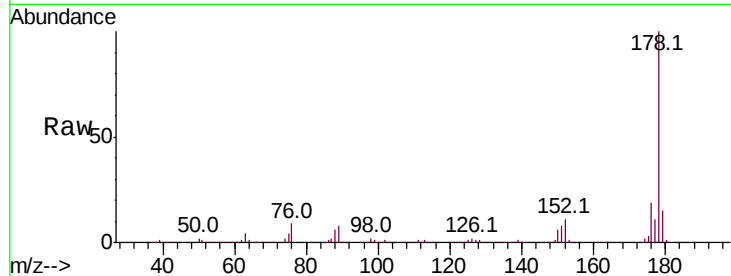
#71
Phenanthrene
Concen: 45.531 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.4	12.5	18.7

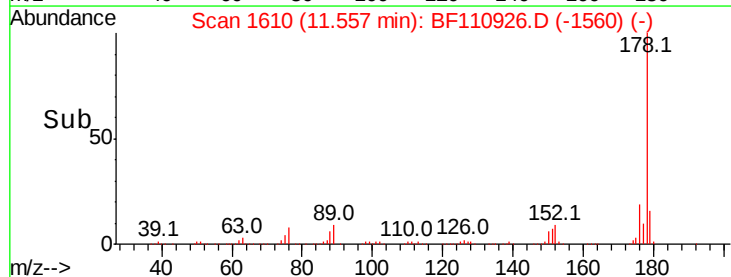
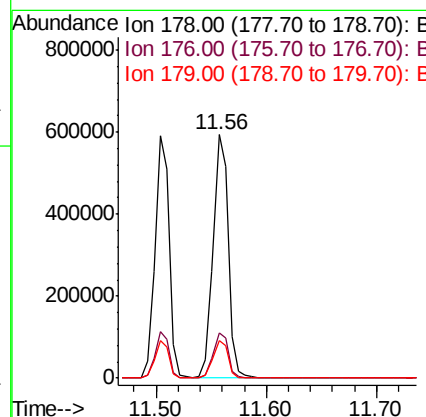
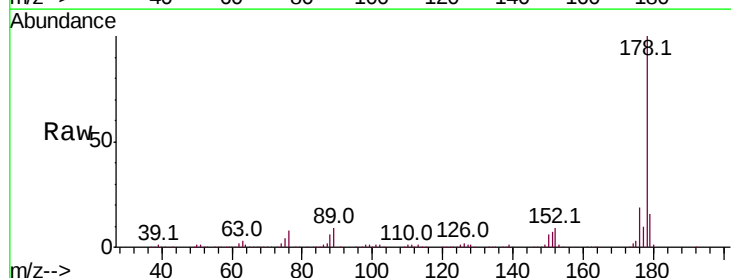
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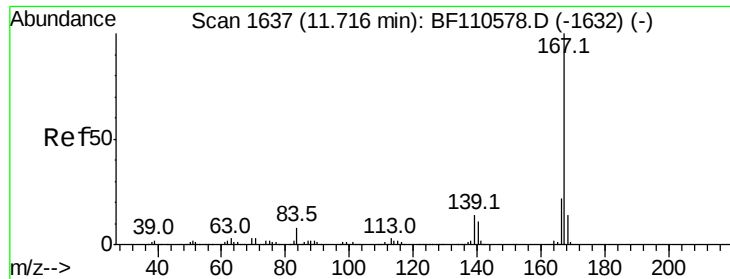
mohammad
11/23/2018 11:48:55 AM



#72
Anthracene
Concen: 46.817 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.6	12.6	18.8





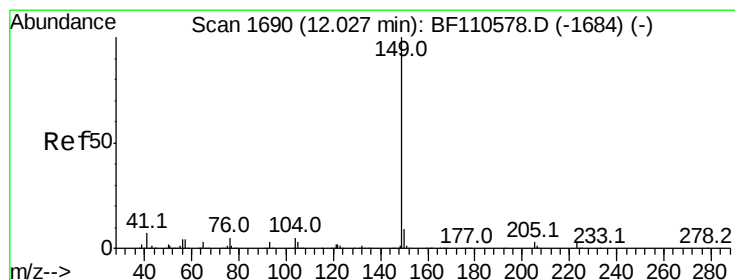
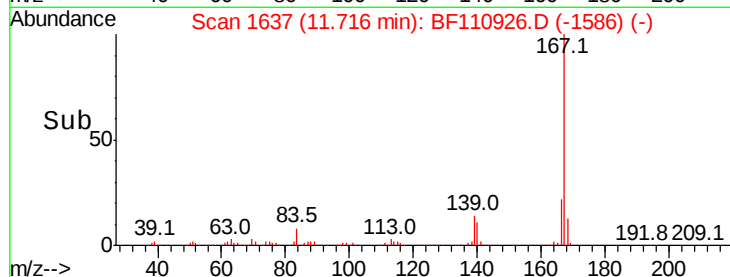
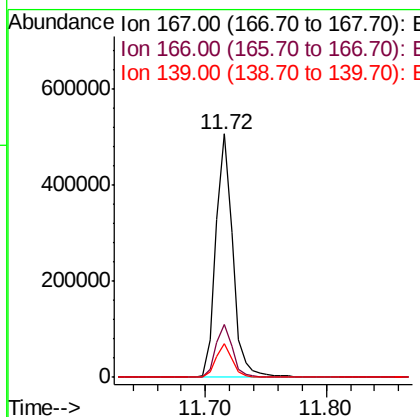
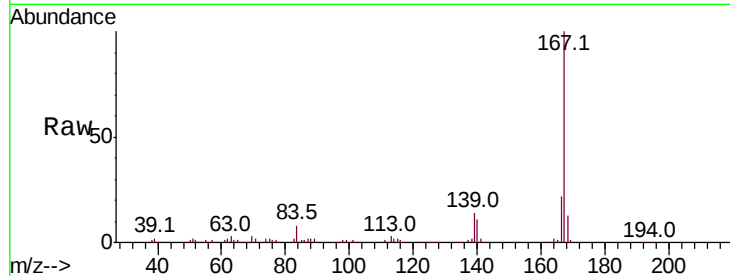
#73
 Carbazole
 Concen: 42.936 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Instrument :
 BNA_F
 ClientSampleId :
 TS-BUCKETSMSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.7		17.4	26.0
139	13.8		10.9	16.3

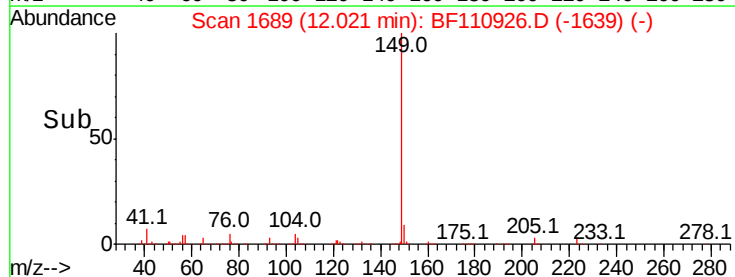
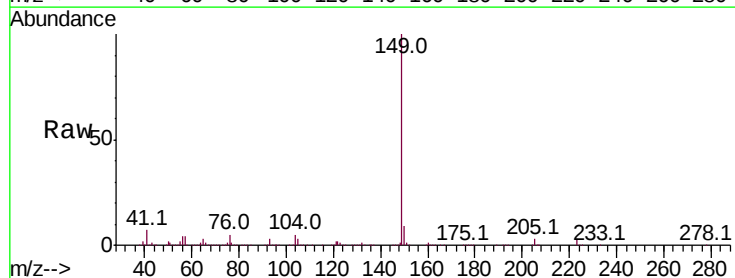
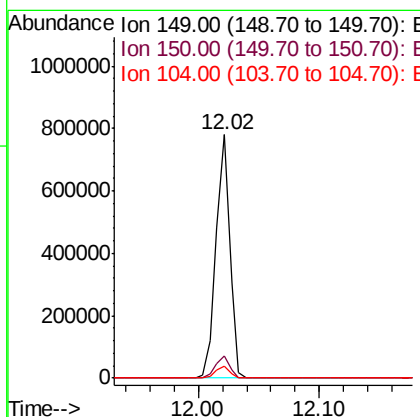
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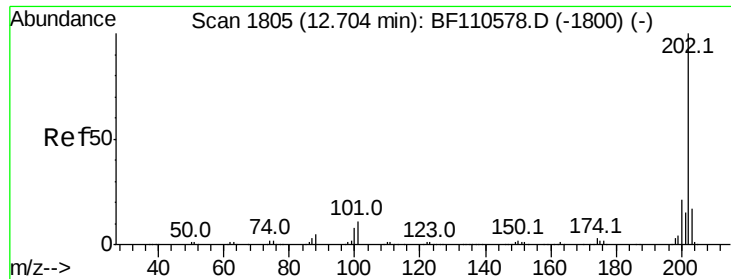
mohammad
 11/23/2018 11:48:55 AM



#74
 Di-n-butylphthalate
 Concen: 46.052 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.2		7.7	11.5
104	5.0		4.2	6.4





#75

Fluoranthene

Concen: 46.568 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Instrument :

BNA_F

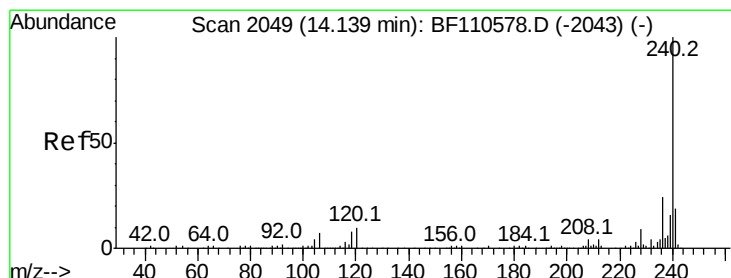
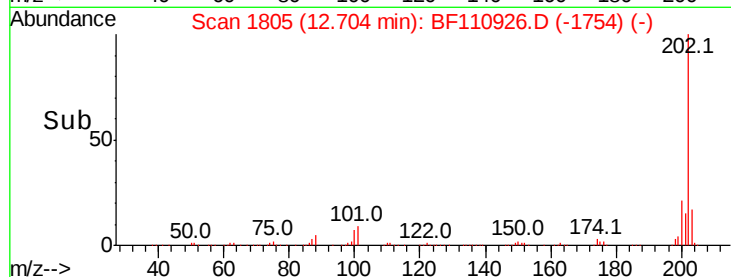
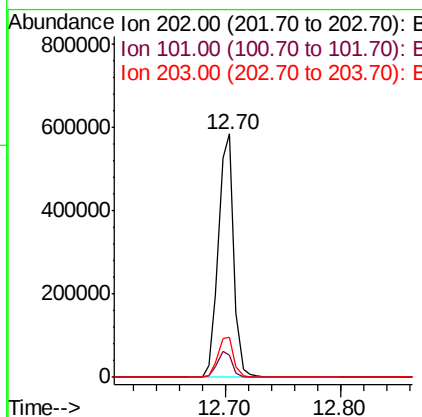
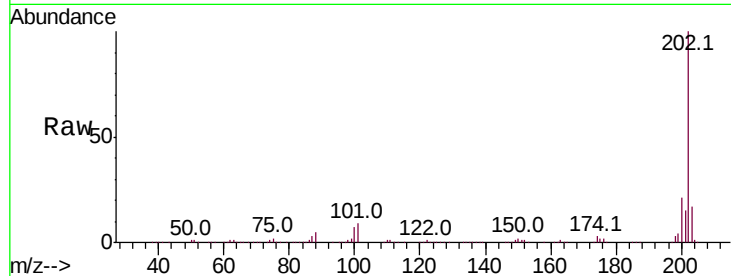
ClientSampleId :

TS-BUCKETSMSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	543422		
101	9.2		0.0	31.4
203	16.7		0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

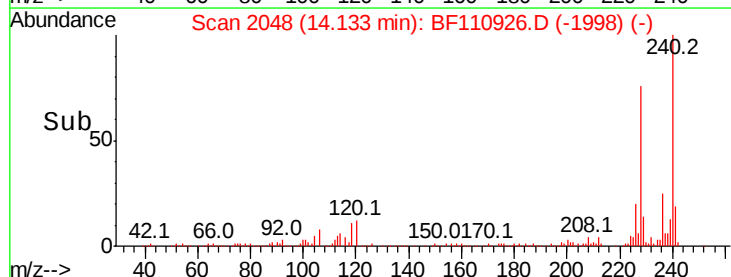
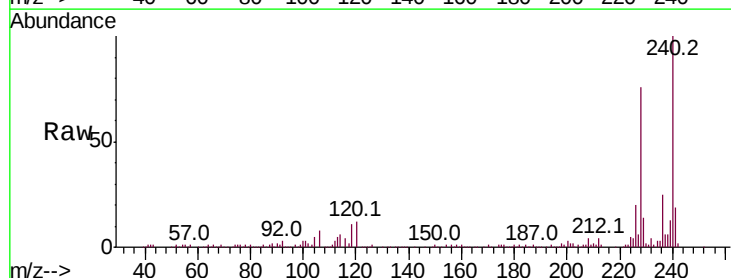
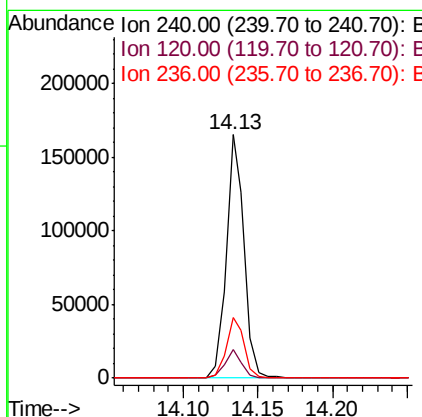
RT: 14.13 min Scan# 2048

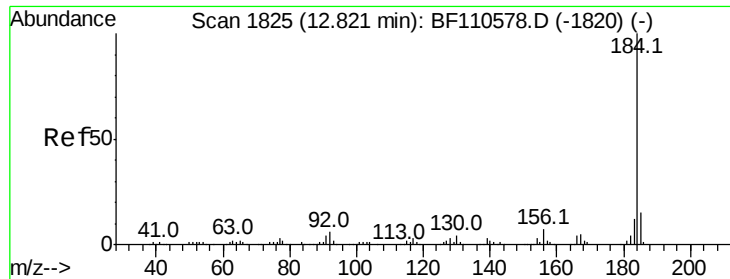
Delta R.T. -0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	139287		
120	12.0		8.3	12.5
236	24.8		21.2	31.8





#77

Benzidine

Concen: 34.791 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Instrument :

BNA_F

ClientSampleId :

TS-BUCKETSMSD

Tot Ion:184 Resp: 133265

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.2

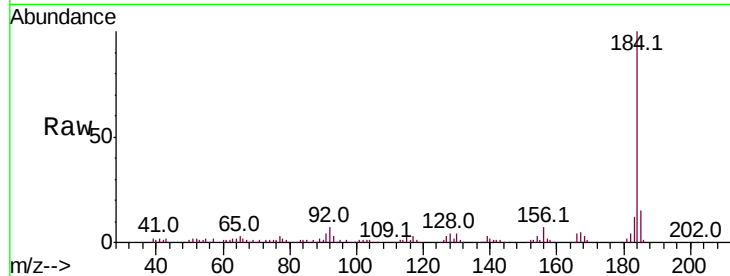
183 12.0 9.4 14.2

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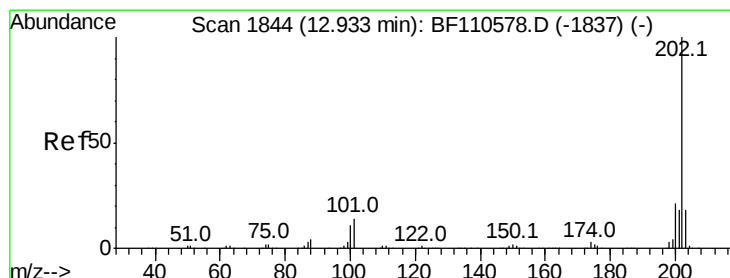
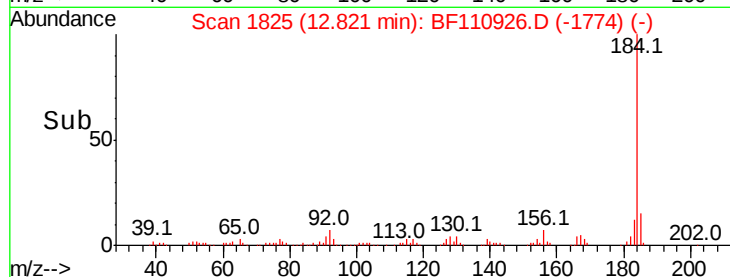
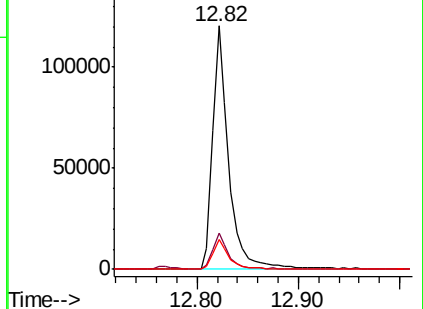
11/23/2018 11:48:55 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.862 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Tgt Ion:202 Resp: 534754

Ion Ratio Lower Upper

202 100

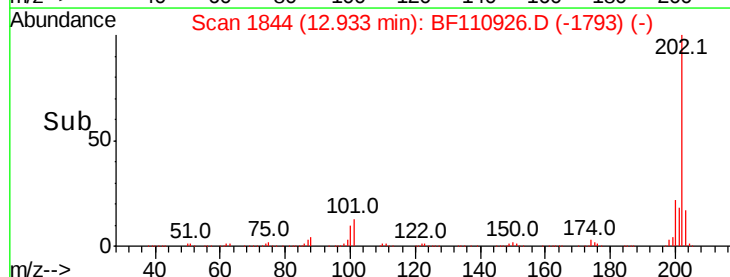
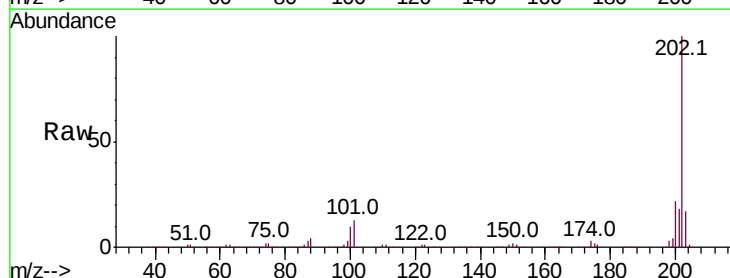
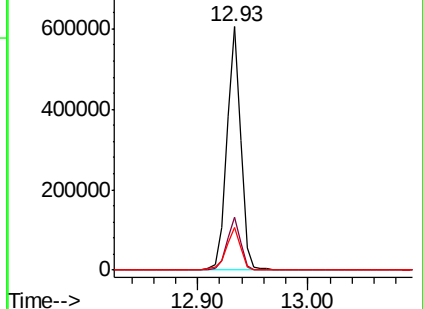
200 21.6 17.8 26.6

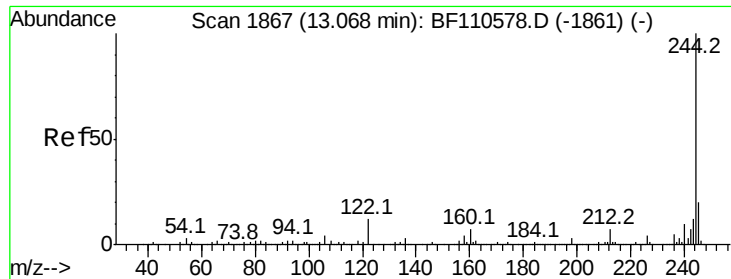
203 17.4 14.2 21.4

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





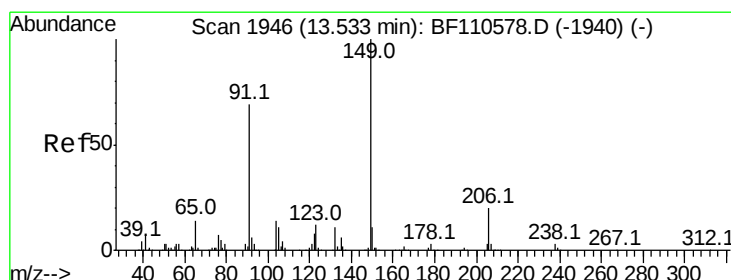
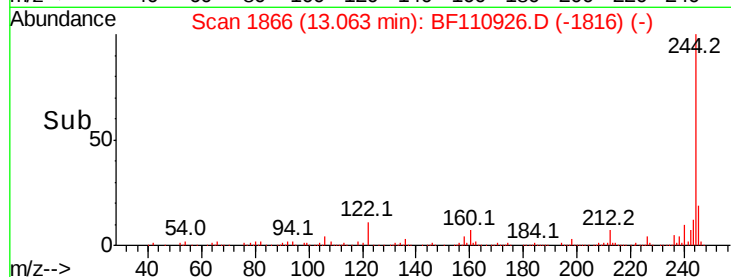
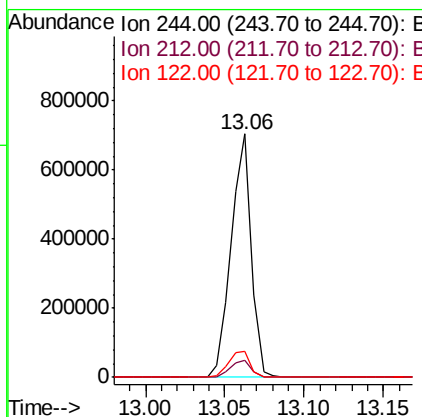
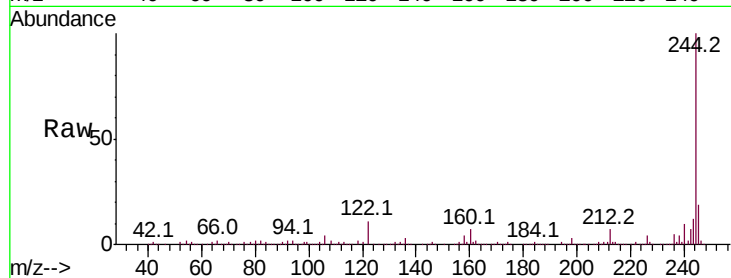
#79
 Terphenyl-d14
 Concen: 83.777 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Instrument :
 BNA_F
 ClientSampleId :
 TS-BUCKETSMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	10.9	8.7	13.1

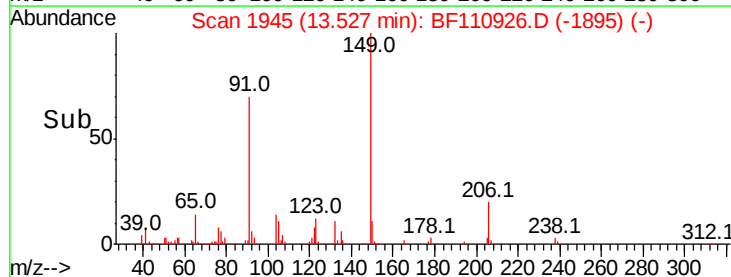
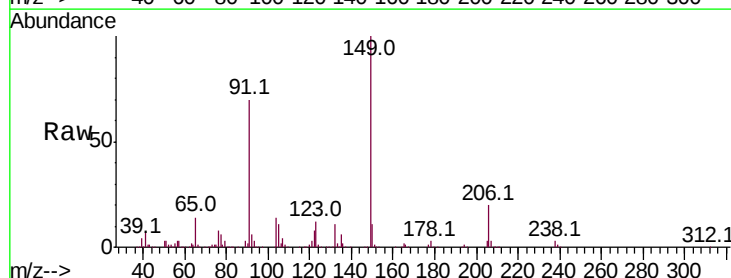
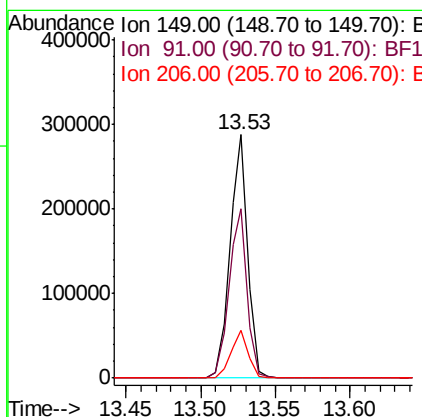
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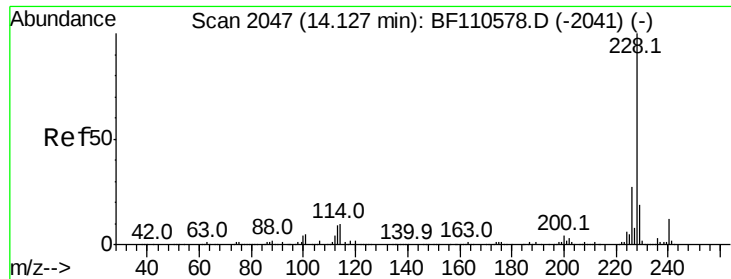
mohammad
 11/23/2018 11:48:55 AM



#80
 Butylbenzylphthalate
 Concen: 52.469 ng
 RT: 13.53 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.7	57.2	85.8
206	19.7	15.7	23.5





#81

Benzo(a)anthracene

Concen: 46.712 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Instrument :

BNA_F

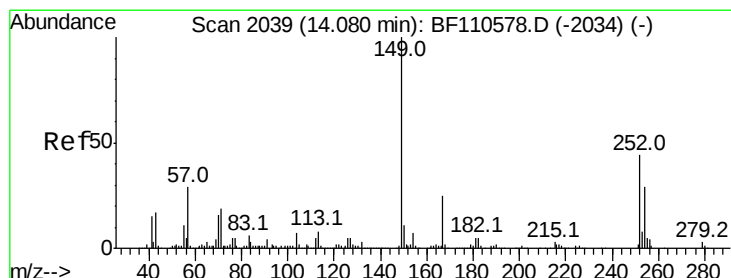
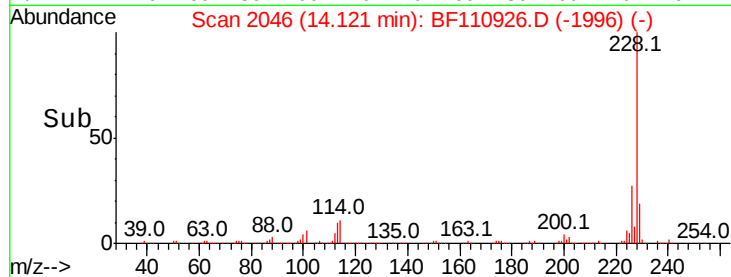
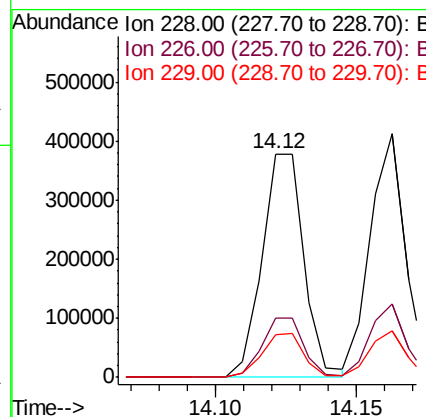
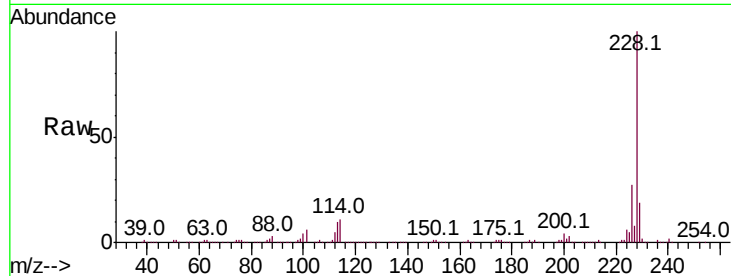
ClientSampleId :

TS-BUCKETSMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.1	33.1
229	19.4	15.6	23.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 26.669 ng

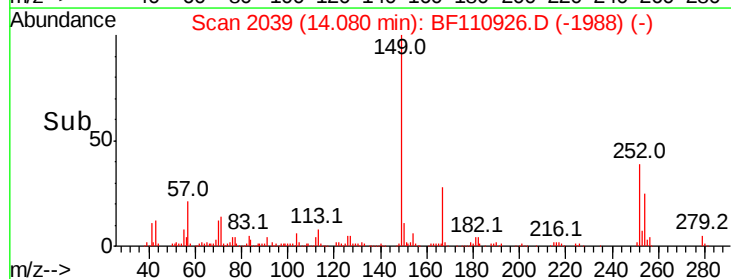
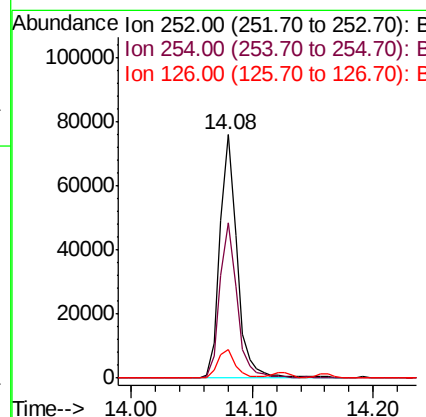
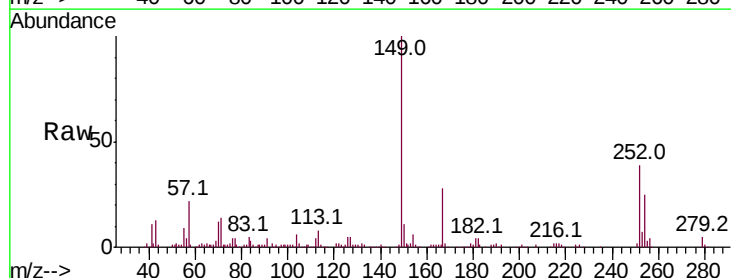
RT: 14.08 min Scan# 2039

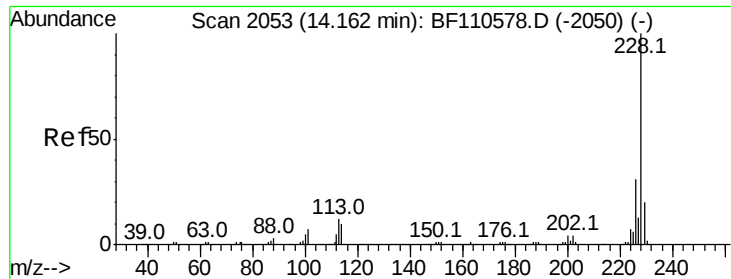
Delta R.T. 0.00 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.3	76.9
126	11.5	9.4	14.2





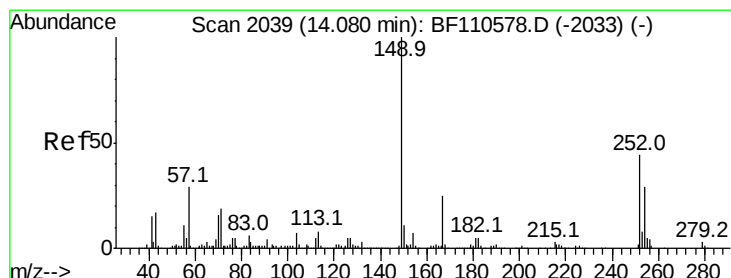
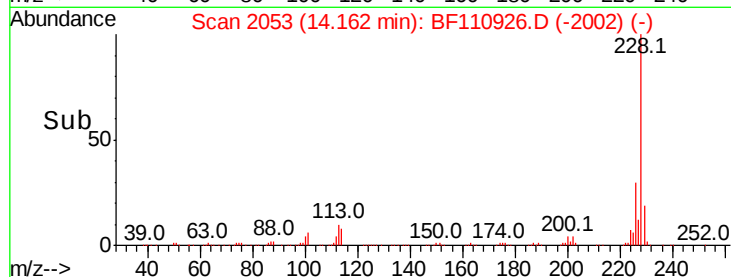
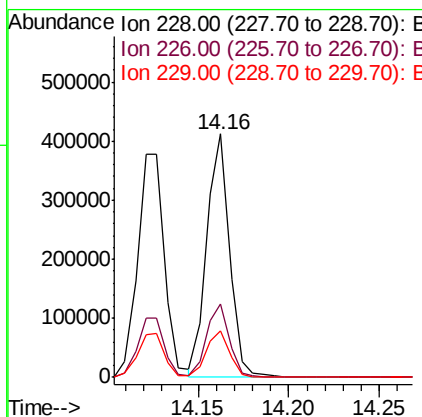
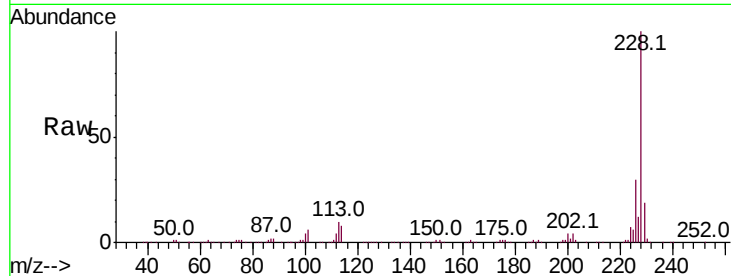
#83
Chrysene
Concen: 45.533 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.7	37.1
229	18.9	15.9	23.9

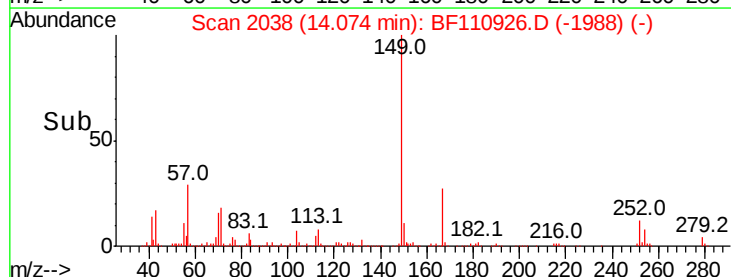
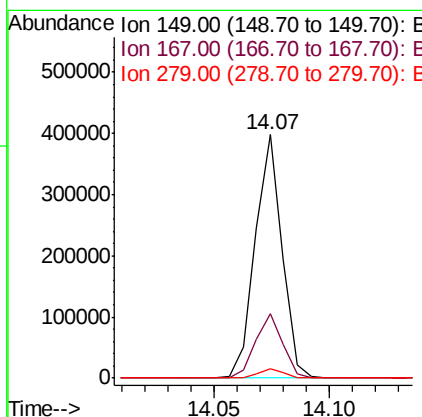
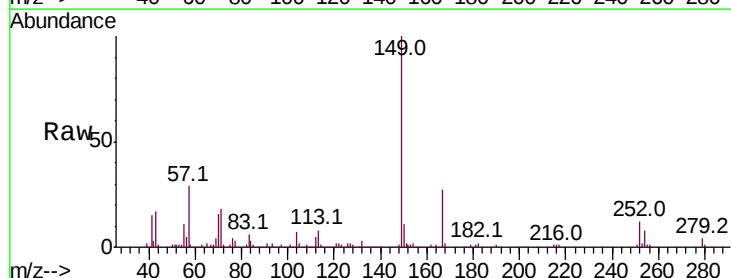
Manual Integrations
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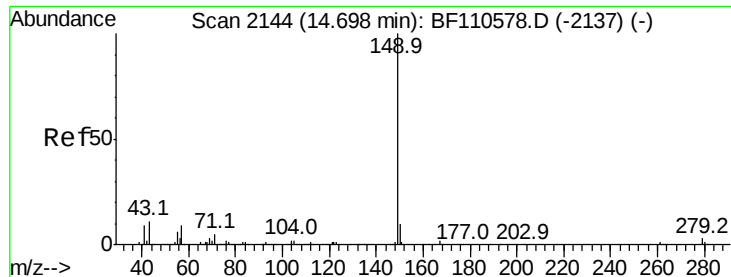
mohammad
11/23/2018 11:48:55 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 56.640 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	19.8	29.8
279	3.8	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 54.870 ng

RT: 14.69 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Instrument :

BNA_F

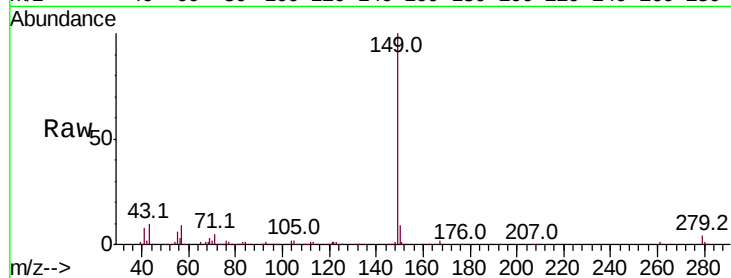
ClientSampleId :

TS-BUCKETSMSD

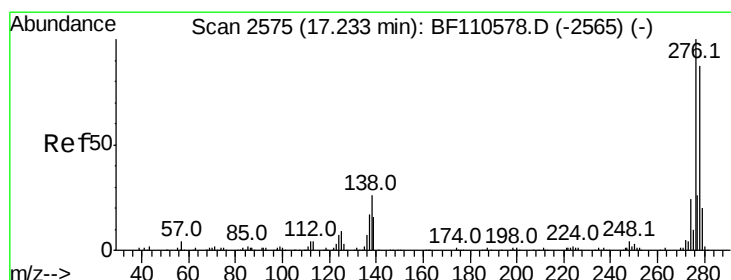
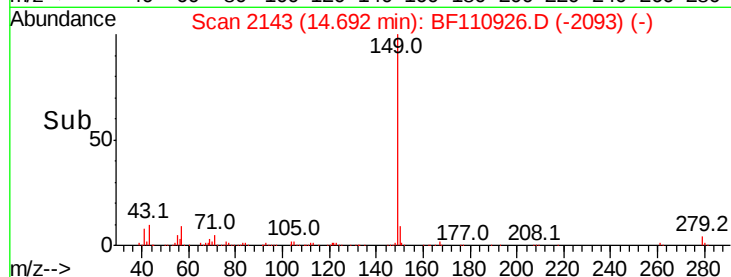
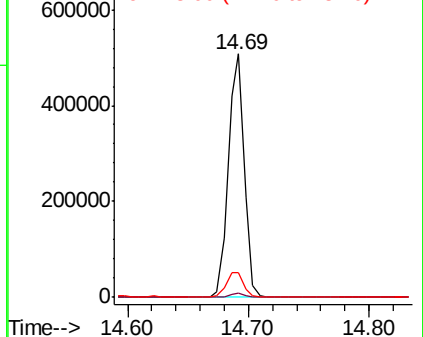
Tot Ion:	149	Resp:	462046
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	10.5	7.8	11.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 64.840 ng

RT: 17.26 min Scan# 2580

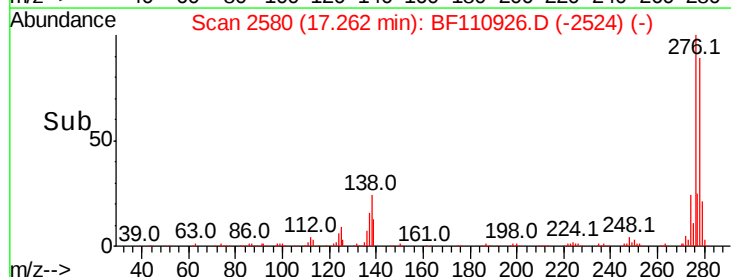
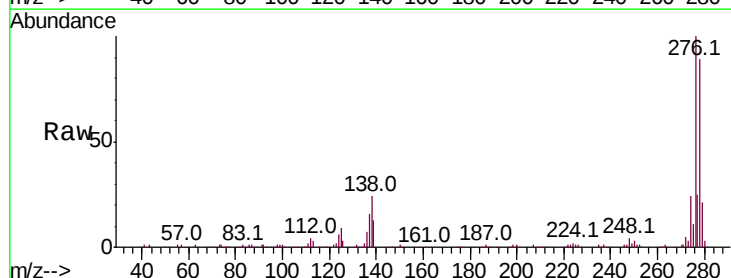
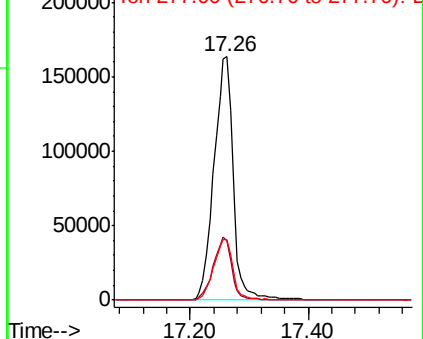
Delta R.T. 0.03 min

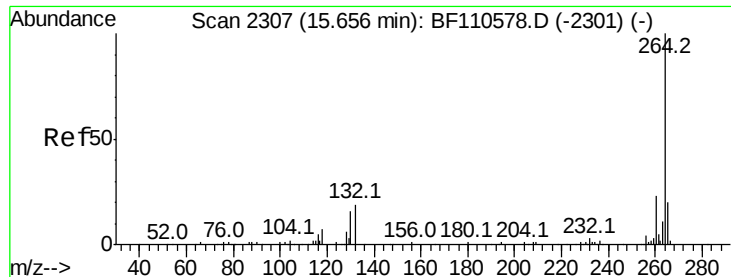
Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Tgt Ion:	276	Resp:	369044
Ion Ratio	Lower	Upper	
276	100		
138	24.8	18.5	27.7
277	25.2	20.0	30.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





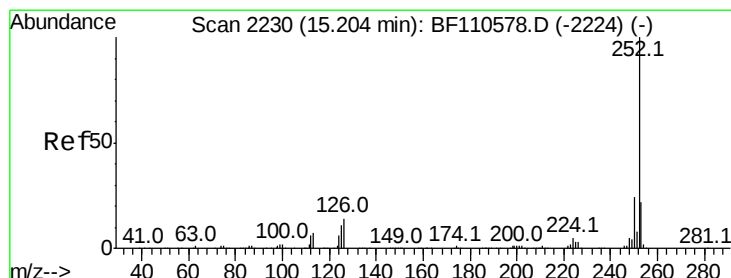
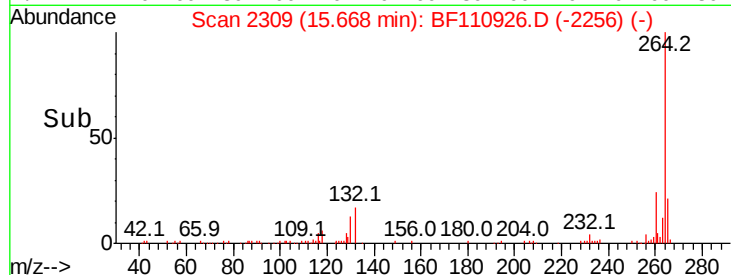
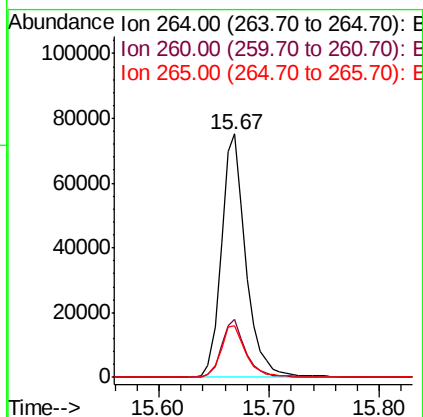
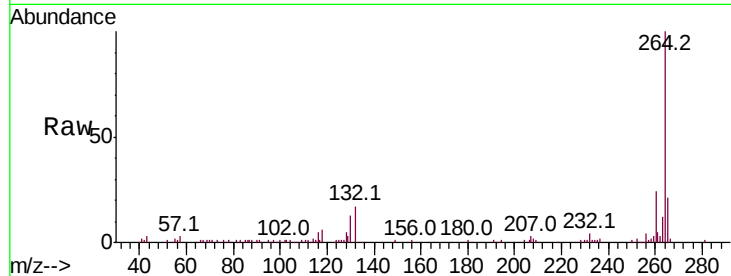
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.0	16.7	25.1

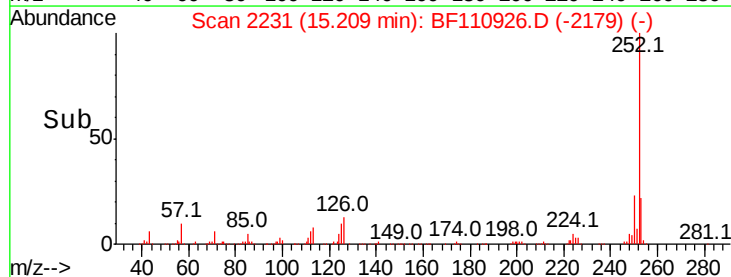
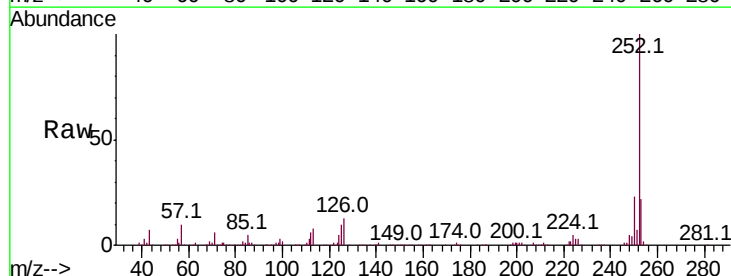
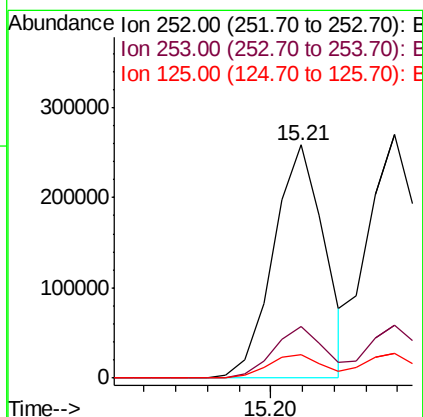
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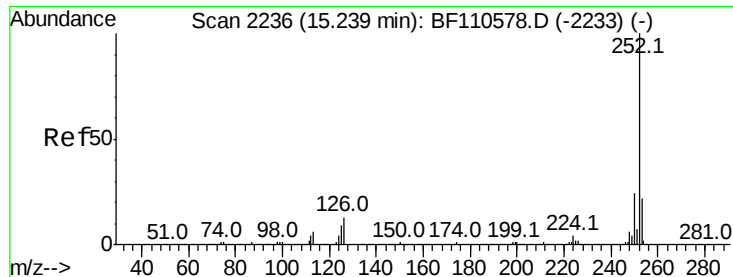
mohammad
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#88
Benzo(b)fluoranthene
Concen: 41.883 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	10.3	8.2	12.4





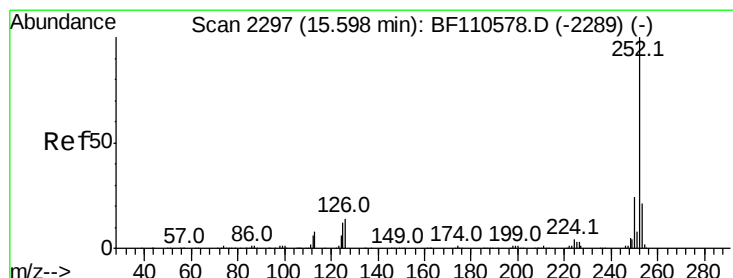
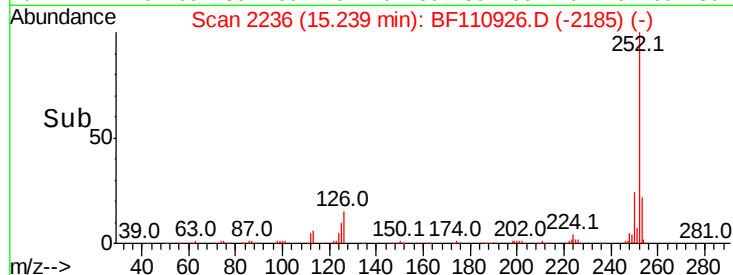
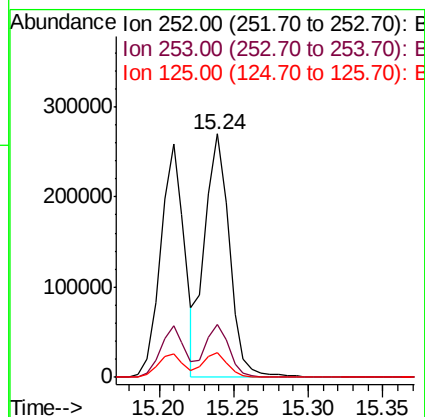
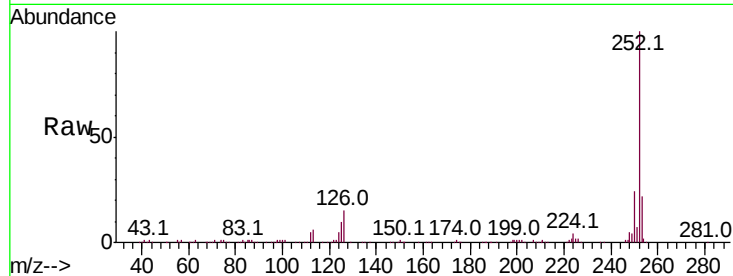
#89
Benzo(k)fluoranthene
Concen: 44.889 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	10.1	7.4	11.0

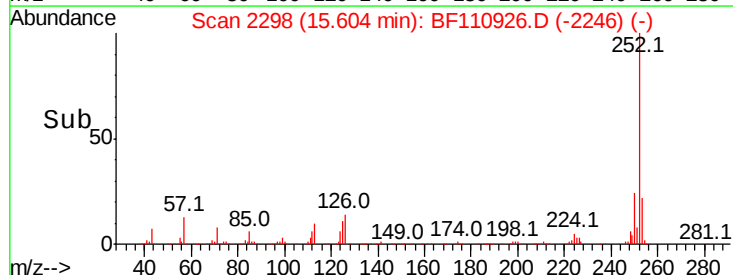
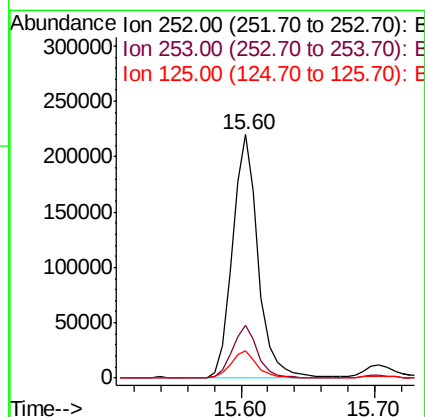
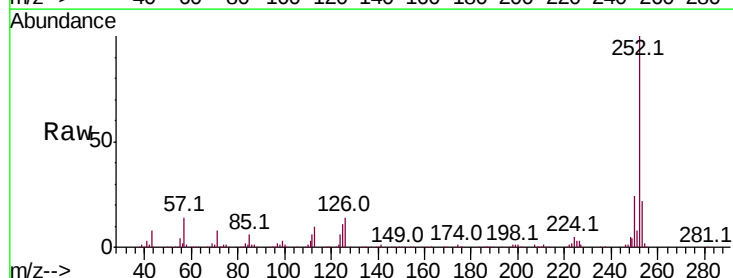
Manual Integrations
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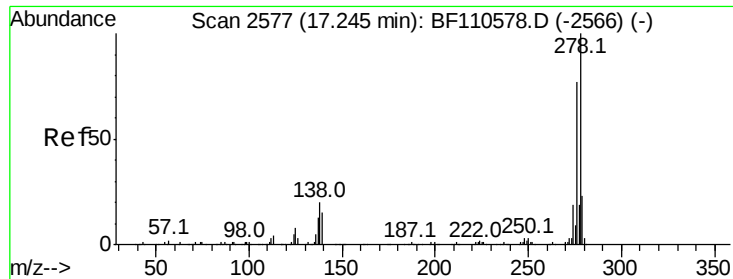
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#90
Benzo(a)pyrene
Concen: 47.084 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	11.4	9.0	13.6





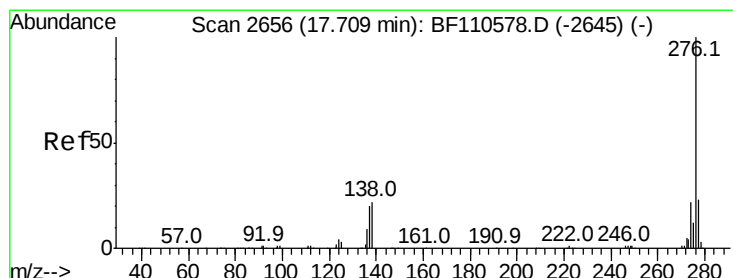
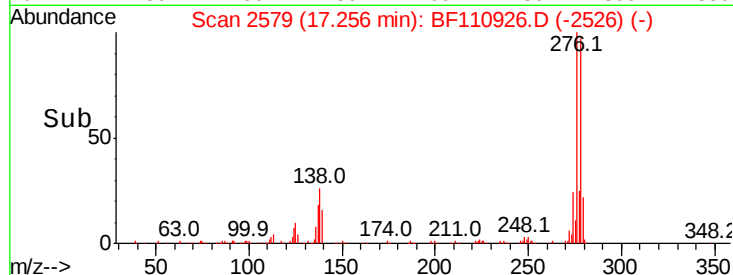
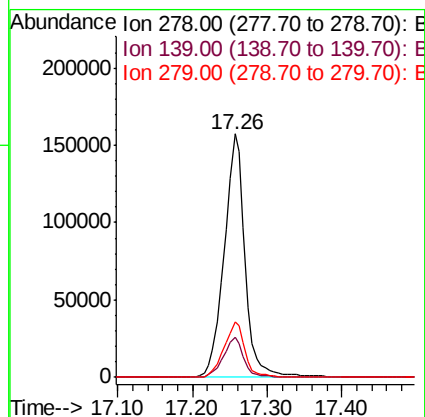
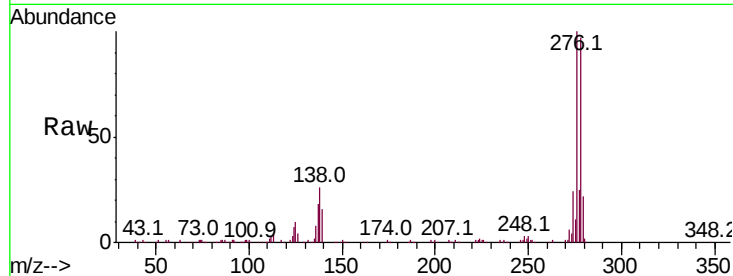
#91
Dibenzo(a,h)anthracene
Concen: 57.811 ng
RT: 17.26 min Scan# 2579
Delta R.T. 0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.7	19.1
279	22.8	19.0	28.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 59.180 ng
RT: 17.74 min Scan# 2661
Delta R.T. 0.03 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.8	28.2
138	20.7	16.0	24.0

