

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
 Data File : BF110887.D
 Acq On : 20 Nov 2018 11:32
 Operator : JU/SJ
 Sample : PB114904BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114904BS

Manual Integrations
 APPROVED

Sohil
 11/21/2018 3:17:45 PM

Quant Time: Nov 20 11:59:31 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	63718	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	262488	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	123167	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	227416	20.00	ng	0.00
76) Chrysene-d12	14.13	240	166169	20.00	ng	0.00
87) Perylene-d12	15.66	264	120503	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	448714	114.39	ng	0.00
7) Phenol-d6	6.57	99	553674	110.38	ng	0.00
23) Nitrobenzene-d5	7.51	82	279032	61.22	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	137586	110.86	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	531518	61.63	ng	0.00
79) Terphenyl-d14	13.06	244	535992	60.41	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.86	88	59424	30.403	ng	87
3) Pyridine	3.64	79	158297	37.521	ng	# 83
4) n-Nitrosodimethylamine	3.59	42	79447	43.888	ng	84
6) Aniline	6.61	93	190347	29.098	ng	# 55
8) 2-Chlorophenol	6.73	128	173710	37.774	ng	99
9) Benzaldehyde	6.50	77	89810	31.522	ng	98
10) Phenol	6.59	94	209799	36.069	ng	# 64
11) bis(2-Chloroethyl)ether	6.67	93	156631	35.932	ng	94
12) 1,3-Dichlorobenzene	6.88	146	180928	35.959	ng	99
13) 1,4-Dichlorobenzene	6.96	146	186350	36.472	ng	99
14) 1,2-Dichlorobenzene	7.11	146	175134	36.846	ng	100
15) Benzyl Alcohol	7.09	79	143933	36.666	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.20	45	246950	36.074	ng	78
17) 2-Methylphenol	7.19	107	136052	37.174	ng	# 84
18) Hexachloroethane	7.45	117	70078	37.152	ng	96
19) n-Nitroso-di-n-propylamine	7.35	70	118089	36.879	ng	96
20) 3+4-Methylphenols	7.35	107	175531m	37.362	ng	
22) Acetophenone	7.35	105	238156	38.931	ng	# 94
24) Nitrobenzene	7.53	77	179361	38.408	ng	96
25) Isophorone	7.76	82	313542	41.971	ng	98
26) 2-Nitrophenol	7.85	139	88724	38.084	ng	94
27) 2,4-Dimethylphenol	7.87	122	154349	43.503	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	197054	38.959	ng	99
29) 2,4-Dichlorophenol	8.09	162	140776	38.561	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	154853	37.621	ng	97
31) Naphthalene	8.25	128	499748	40.556	ng	99
32) Benzoic acid	8.00	122	75167	29.943	ng	95
33) 4-Chloroaniline	8.30	127	131400	23.542	ng	99
34) Hexachlorobutadiene	8.35	225	86255	36.688	ng	97
35) Caprolactam	8.67	113	47088m	38.606	ng	
36) 4-Chloro-3-methylphenol	8.78	107	153228	38.917	ng	98
37) 2-Methylnaphthalene	8.94	142	340502	42.152	ng	99
38) 1-Methylnaphthalene	9.04	142	319562	41.135	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	145342	37.279	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	46870	35.524	nq	98
43) 2,4,6-Trichlorophenol	9.22	196	93919	38.335	nq	96
44) 2,4,5-Trichlorophenol	9.27	196	97189	37.189	nq	95
46) 1,1'-Biphenyl	9.40	154	411979	35.856	nq	99
47) 2-Chloronaphthalene	9.43	162	313035	37.817	nq	97
48) 2-Nitroaniline	9.53	65	97459	38.207	nq	96
49) Acenaphthylene	9.85	152	483554	40.564	nq	99
50) Dimethylphthalate	9.70	163	346985	37.755	nq	99
51) 2,6-Dinitrotoluene	9.77	165	78523	38.840	nq	87
52) Acenaphthene	10.02	154	289551	38.435	nq	98
53) 3-Nitroaniline	9.95	138	61778	26.376	nq	97
54) 2,4-Dinitrophenol	10.07	184	46732	59.318	nq	91
55) Dibenzofuran	10.19	168	417821	37.908	nq	98
56) 4-Nitrophenol	10.12	139	92606	59.596	nq	100
57) 2,4-Dinitrotoluene	10.19	165	100002	38.043	nq	98
58) Fluorene	10.54	166	343554	40.580	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.32	232	80958m	39.379	nq	
60) Diethylphthalate	10.40	149	351009	38.605	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	161702	36.889	nq	97
62) 4-Nitroaniline	10.57	138	77817	32.993	nq	96
63) Azobenzene	10.68	77	335401	37.810	nq	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	36650	31.977	nq	78
66) n-Nitrosodiphenylamine	10.65	169	292757	38.192	nq	97
67) 4-Bromophenyl-phenylether	11.02	248	93356	37.143	nq	98
68) Hexachlorobenzene	11.09	284	98548	37.189	nq	# 89
69) Atrazine	11.17	200	94344	40.253	nq	98
70) Pentachlorophenol	11.29	266	77876	55.076	nq	97
71) Phenanthrene	11.50	178	492061	40.387	nq	100
72) Anthracene	11.56	178	515111	41.911	nq	98
73) Carbazole	11.72	167	431275	36.538	nq	99
74) Di-n-butylphthalate	12.02	149	533622	38.552	nq	98
75) Fluoranthene	12.70	202	495861	40.594	nq	100
77) Benzidine	12.82	184	201028	43.992	nq	96
78) Pyrene	12.93	202	505626	39.519	nq	98
80) Butylbenzylphthalate	13.53	149	217371	39.472	nq	97
81) Benzo(a)anthracene	14.12	228	402300	40.505	nq	99
82) 3,3'-Dichlorobenzidine	14.08	252	99196	29.814	nq	99
83) Chrysene	14.16	228	387036	40.903	nq	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	284663	41.669	nq	96
85) Di-n-octyl phthalate	14.69	149	450893	44.883	nq	98
86) Indeno(1,2,3-cd)pyrene	17.25	276	294162	43.322	nq	98
88) Benzo(b)fluoranthene	15.21	252	295977	41.057	nq	100
89) Benzo(k)fluoranthene	15.24	252	301077	42.267	nq	99
90) Benzo(a)pyrene	15.60	252	279764	42.713	nq	97
91) Dibenzo(a,h)anthracene	17.25	278	248772	44.882	nq	99
92) Benzo(g,h,i)perylene	17.73	276	240050	43.650	nq	99

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

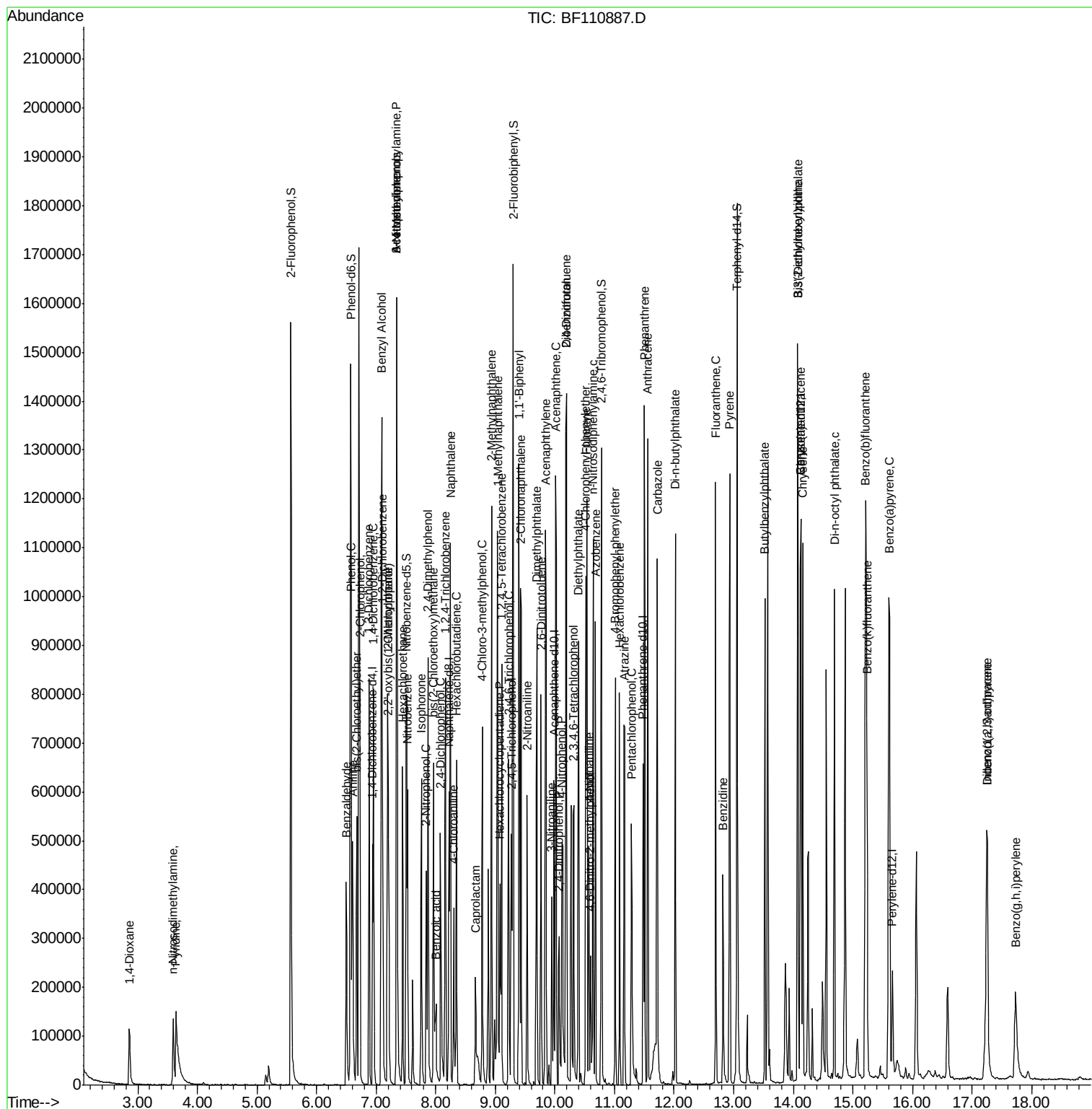
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
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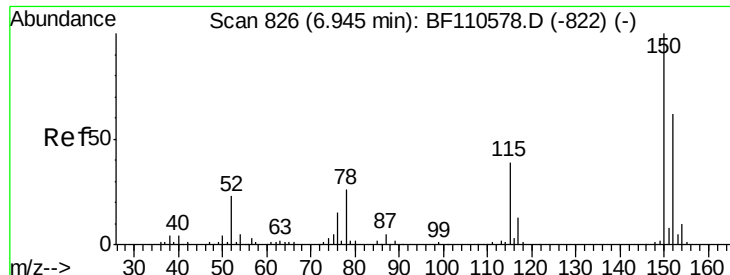
Instrument :
 BNA_F
 ClientSampleId :
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#1

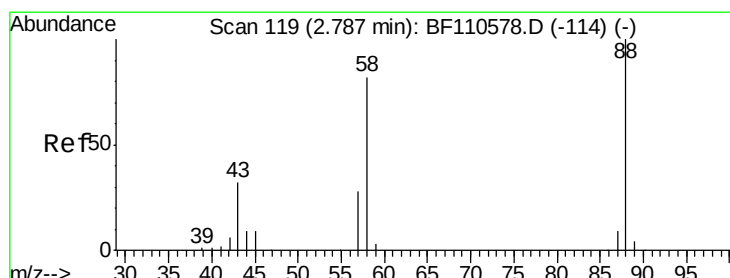
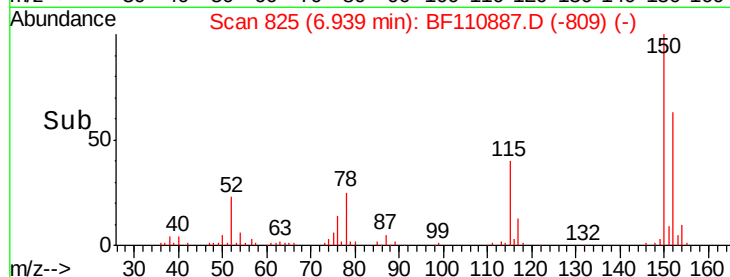
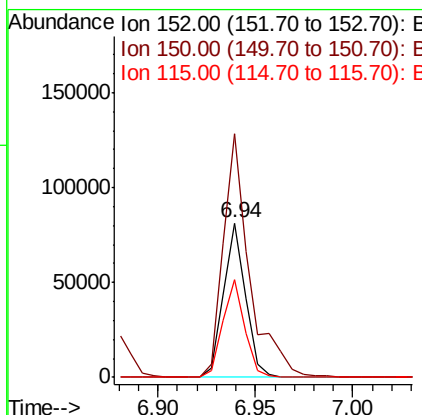
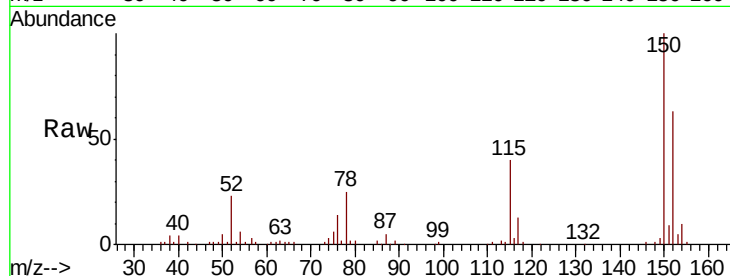
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114904BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	122.7	184.1
115	63.1	49.1	73.7

Manual Integrations
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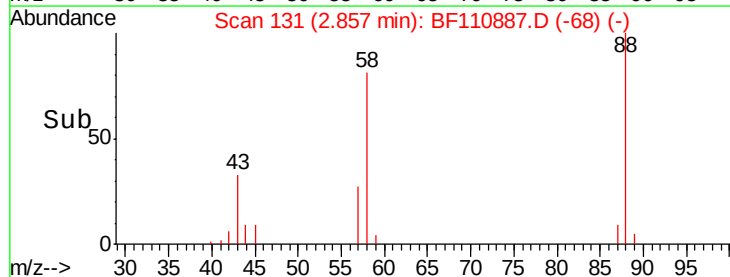
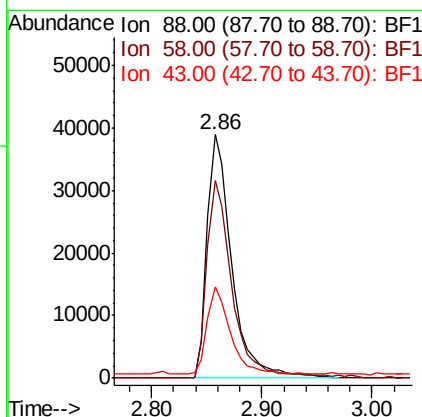
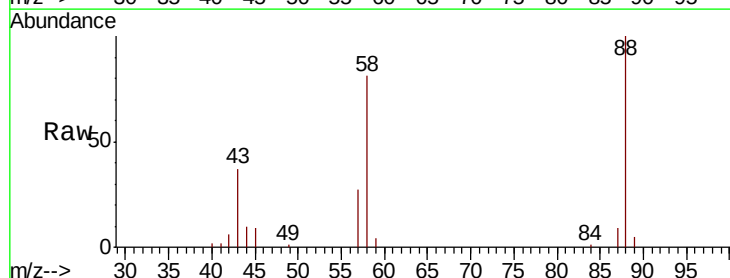
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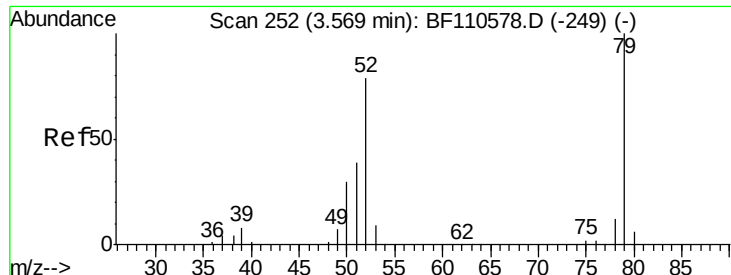


#2

1,4-Dioxane
Concen: 30.403 ng
RT: 2.86 min Scan# 131
Delta R.T. 0.07 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.1	57.1	85.7
43	33.4	24.1	36.1





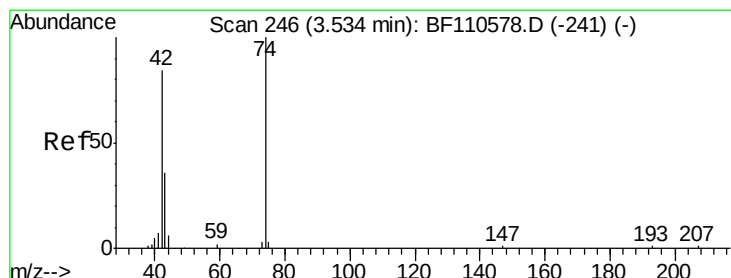
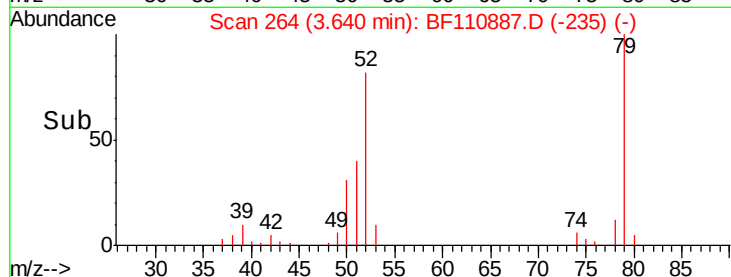
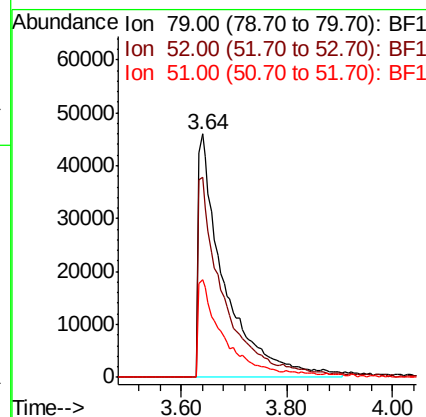
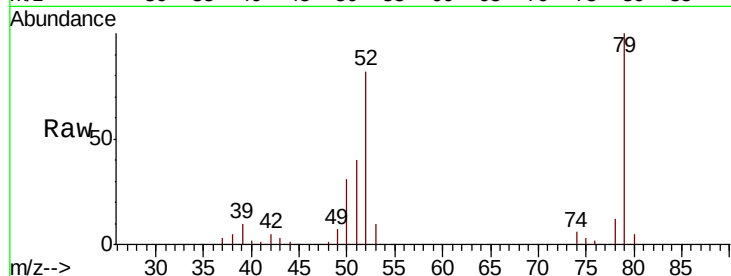
#3
 Pvridine
 Concen: 37.521 ng
 RT: 3.64 min Scan# 264
 Delta R.T. 0.07 min
 Lab File: BF110887.D
 Acq: 20 Nov 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 PB114904BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	82.3	53.1	79.7#
51	40.4	27.4	41.2

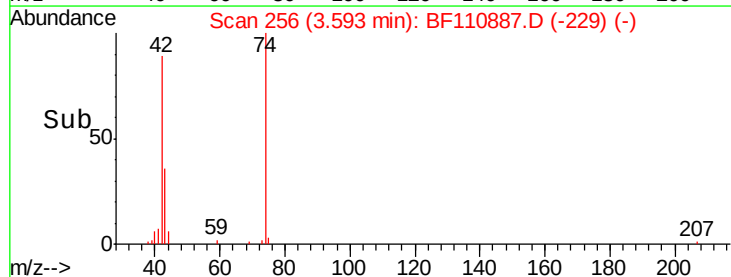
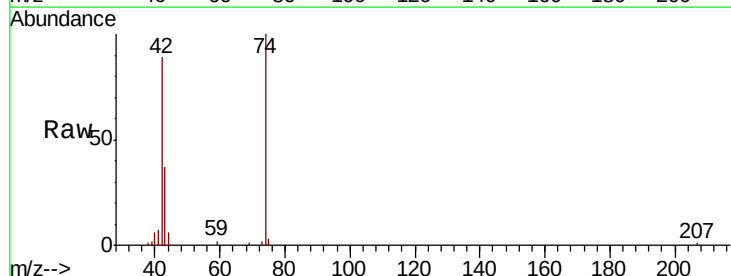
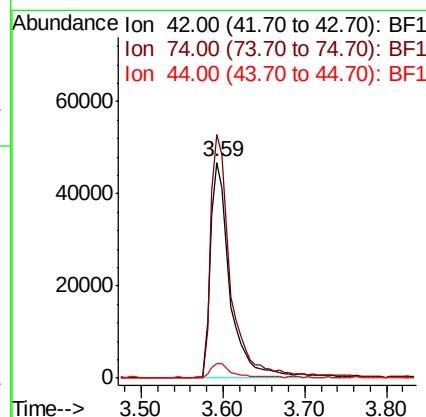
Manual Integrations
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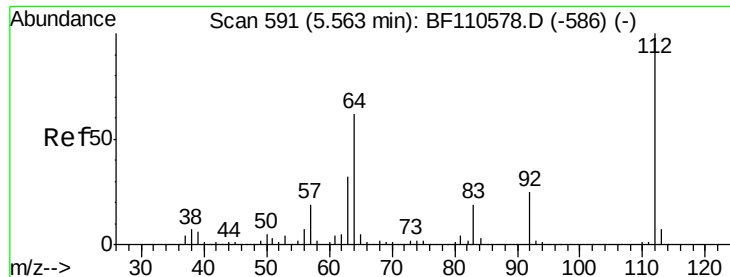
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#4
 n-Nitrosodimethylamine
 Concen: 43.888 ng
 RT: 3.59 min Scan# 256
 Delta R.T. 0.06 min
 Lab File: BF110887.D
 Acq: 20 Nov 2018 11:32

Tgt Ion	Ratio	Lower	Upper
42	100		
74	112.8	105.5	158.3
44	7.0	4.9	7.3





#5

2-Fluorophenol

Concen: 114.387 ng

RT: 5.57 min Scan# 592

Delta R.T. 0.01 min

Lab File: BF110887.D

Acq: 20 Nov 2018 11:32

Instrument :

BNA_F

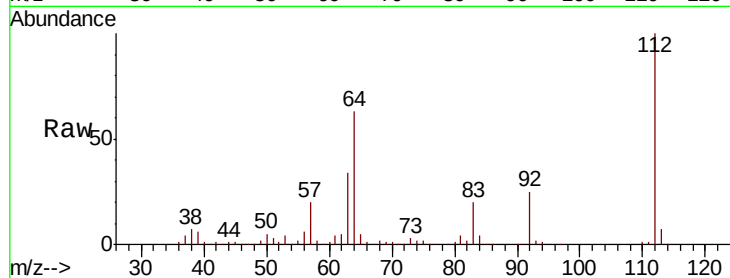
ClientSampleId :

PB114904BS

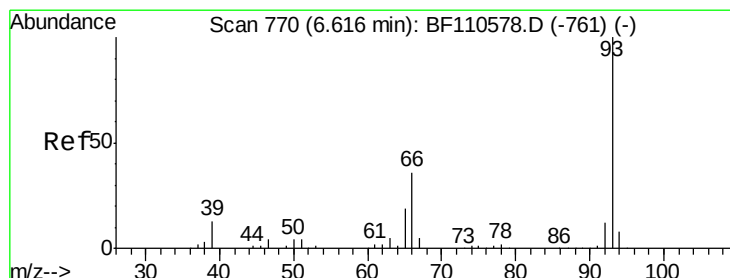
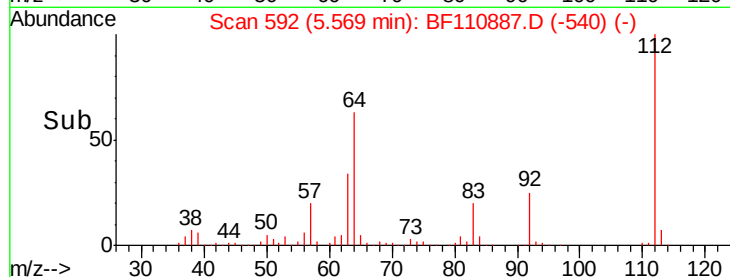
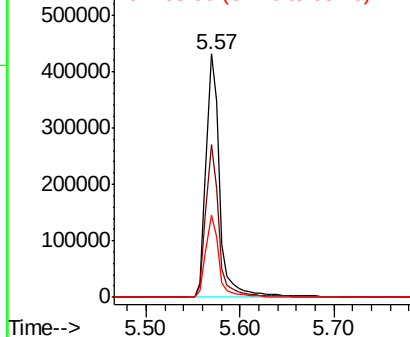
Tot Ion:	112	Resp:	448714
Ion Ratio	Lower	Upper	
112	100		
64	62.6	44.1	66.1
63	33.8	23.7	35.5

Manual Integrations
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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: 29.098 ng

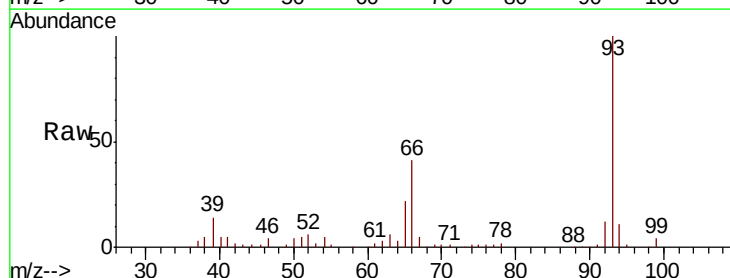
RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

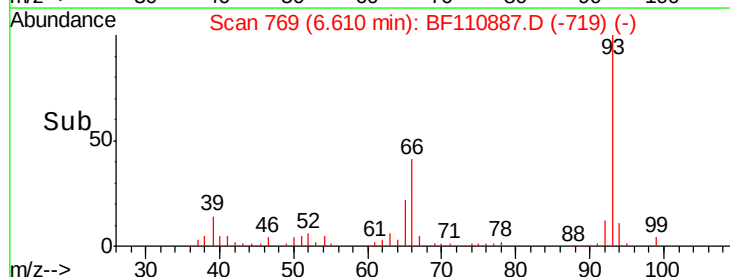
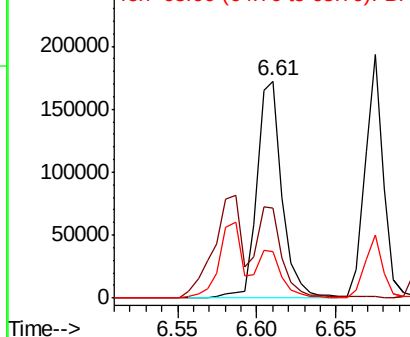
Lab File: BF110887.D

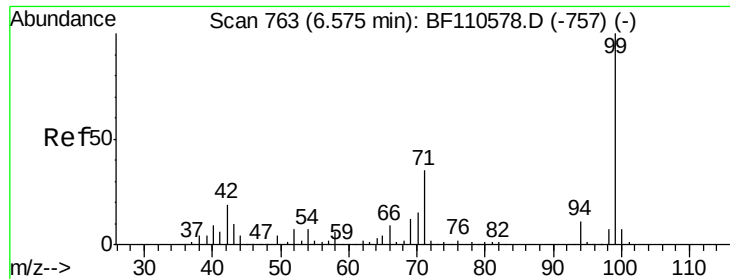
Acq: 20 Nov 2018 11:32

Tgt Ion:	93	Resp:	190347
Ion Ratio	Lower	Upper	
93	100		
66	41.4	67.4	101.0#
65	21.5	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: 110.376 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110887.D

Acq: 20 Nov 2018 11:32

Instrument :

BNA_F

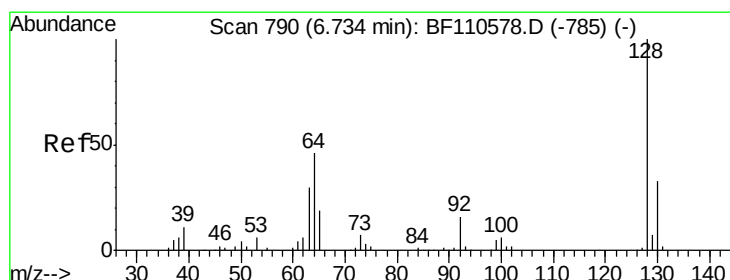
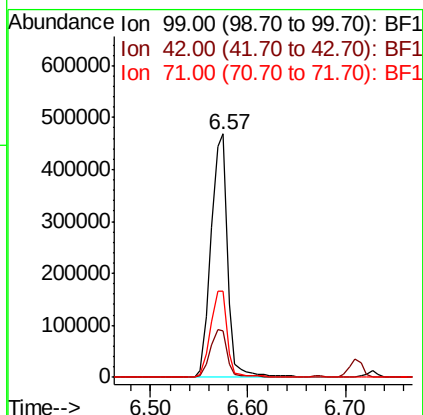
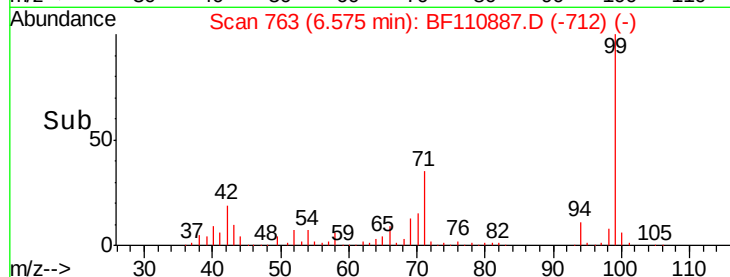
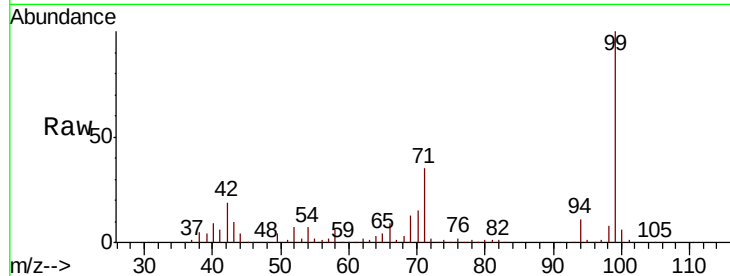
ClientSampleId :

PB114904BS

Tot Ion:	99	Resp:	553674
Ion Ratio	Lower	Upper	
99	100		
42	19.1	15.8	23.6
71	35.4	28.0	42.0

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#8

2-Chlorophenol

Concen: 37.774 ng

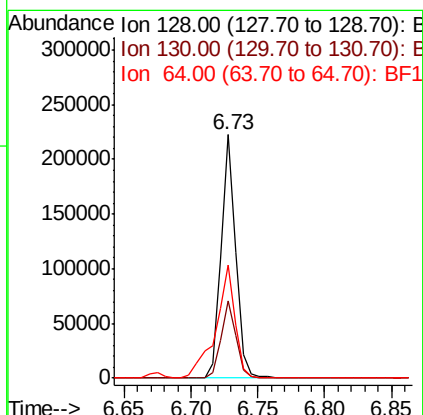
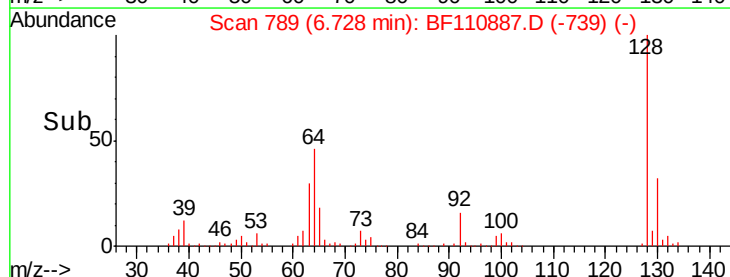
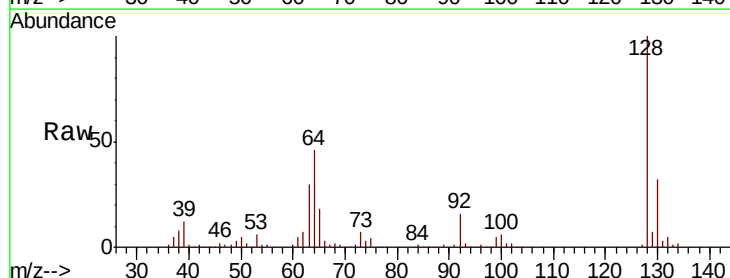
RT: 6.73 min Scan# 789

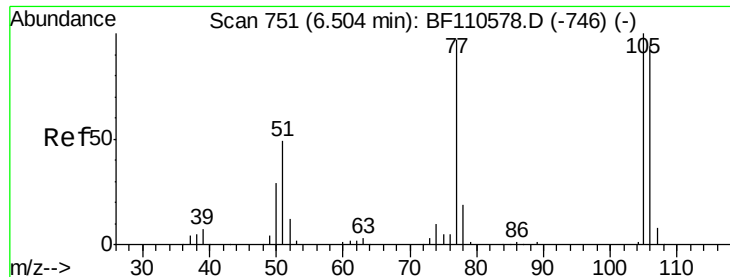
Delta R.T. -0.01 min

Lab File: BF110887.D

Acq: 20 Nov 2018 11:32

Tgt Ion:	128	Resp:	173710
Ion Ratio	Lower	Upper	
128	100		
130	31.6	13.1	53.1
64	46.3	26.0	66.0





#9

Benzaldehyde

Concen: 31.522 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF110887.D

Acq: 20 Nov 2018 11:32

Instrument :

BNA_F

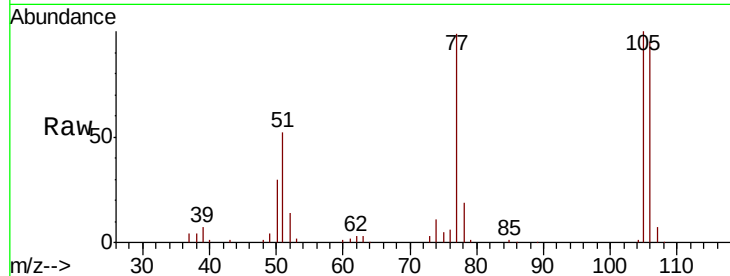
ClientSampleId :

PB114904BS

Tot Ion:	77	Resp:	89810
Ion	Ratio	Lower	Upper
77	100		
105	100.9	78.6	118.6
106	95.4	74.8	114.8

Manual Integrations
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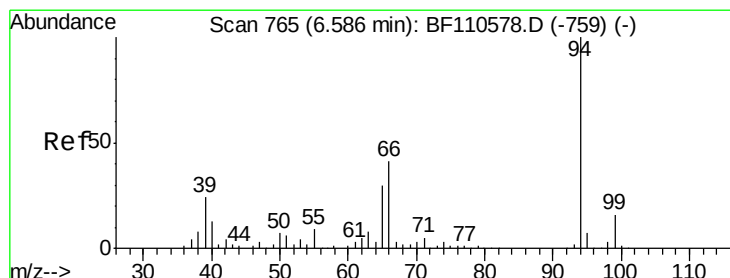
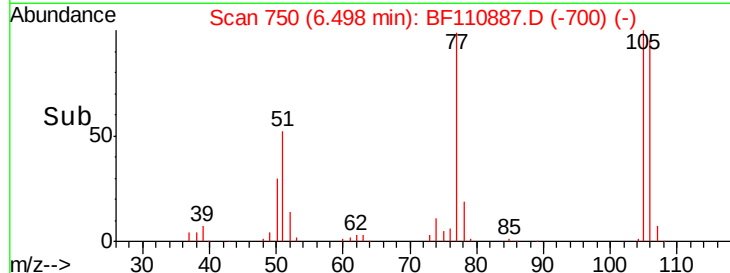
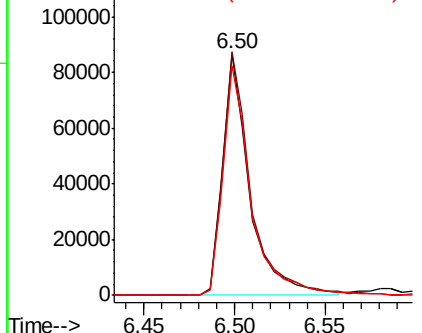


Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 36.069 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF110887.D

Acq: 20 Nov 2018 11:32

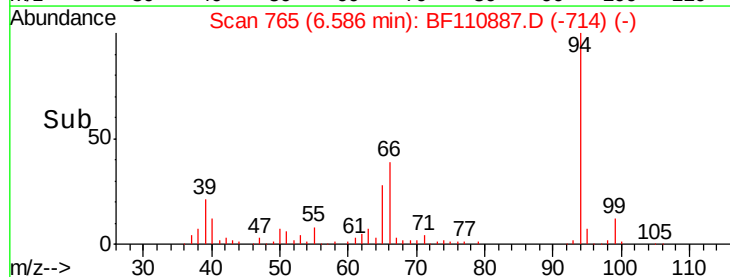
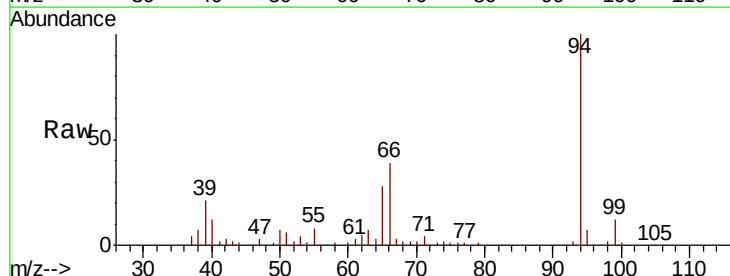
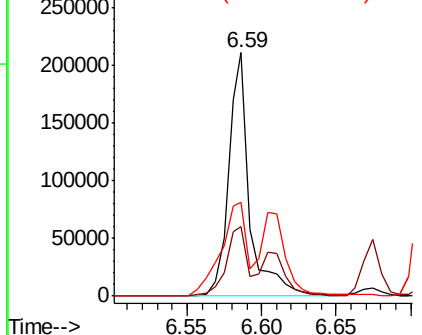
Tgt Ion:	94	Resp:	209799
Ion	Ratio	Lower	Upper
94	100		
65	28.4	25.3	65.3
66	38.6	54.5	94.5#

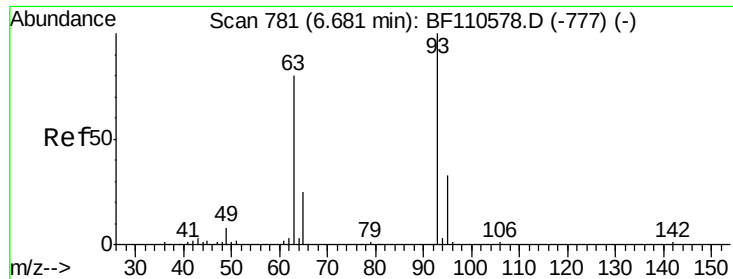
Abundance

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





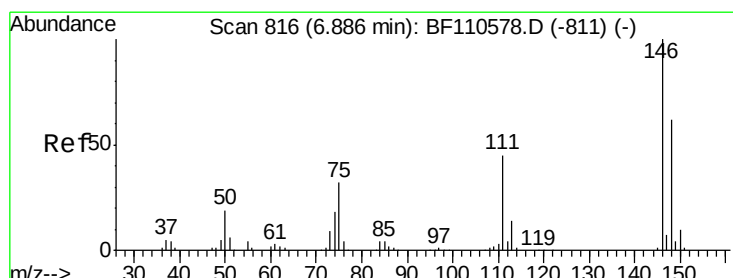
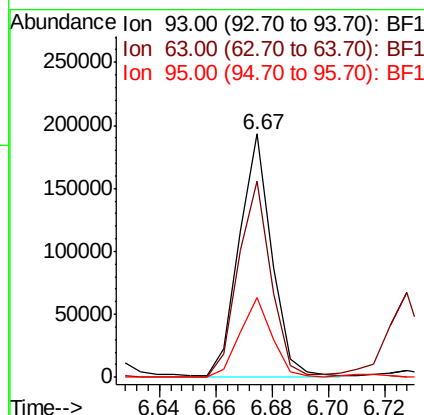
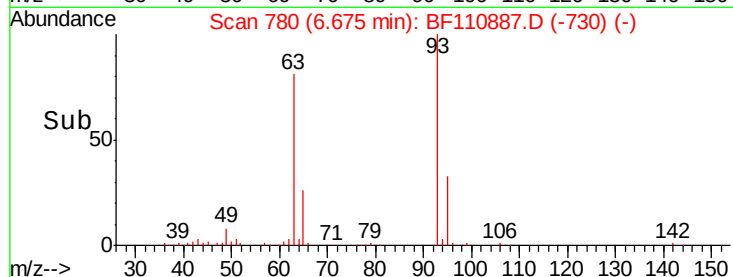
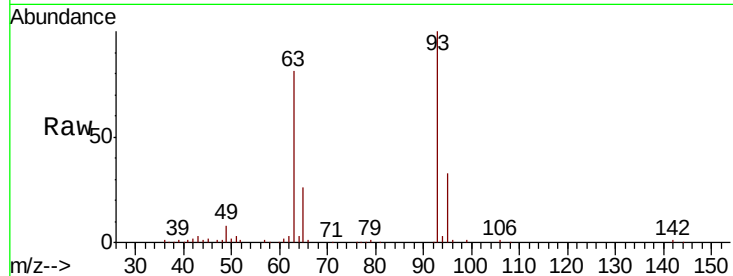
#11
bis(2-Chloroethyl)ether
Concen: 35.932 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114904BS

Tot Ion:	93	Resp:	156631
Ion Ratio	Lower	Upper	
93	100		
63	80.6	53.4	93.4
95	32.9	12.1	52.1

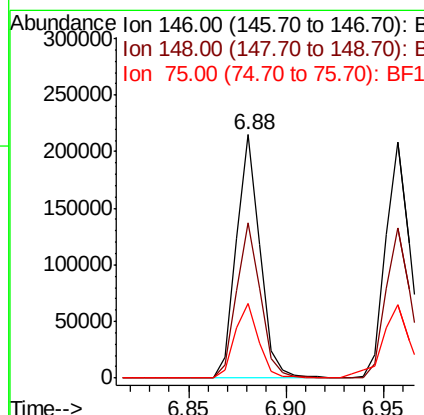
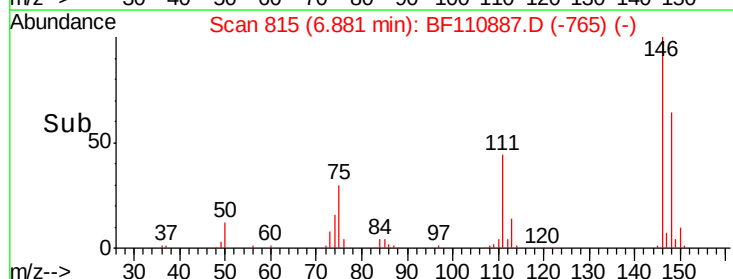
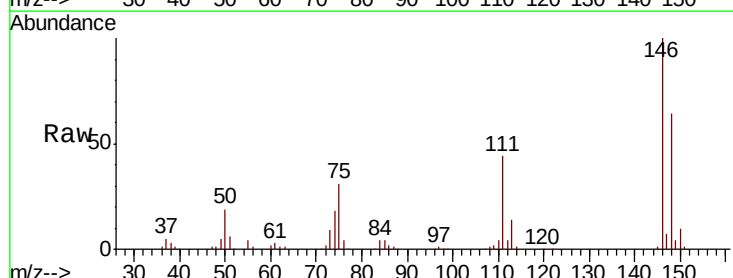
Manual Integrations
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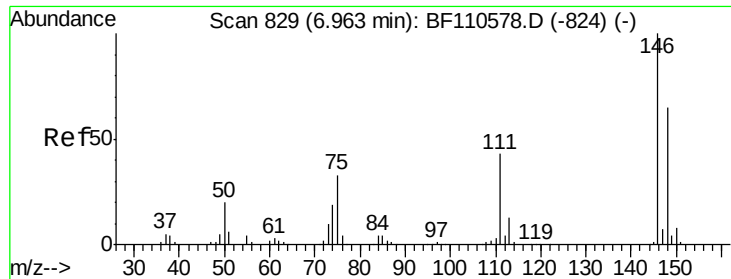
Sohil
11/21/2018 3:17:45 PM



#12
1,3-Dichlorobenzene
Concen: 35.959 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Tgt Ion:	146	Resp:	180928
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.4	75.6
75	30.8	25.8	38.6





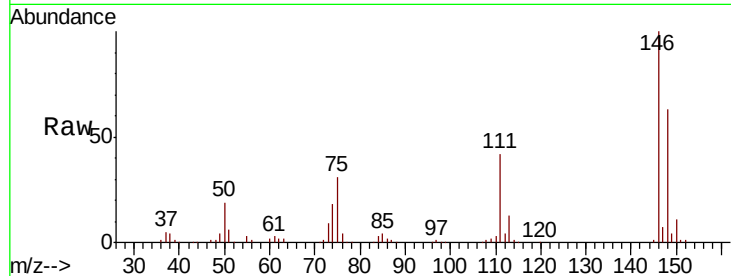
#13
 1,4-Dichlorobenzene
 Concen: 36.472 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF110887.D
 Acq: 20 Nov 2018 11:32

Instrument :
 BNA_F
 ClientSampleID :
 PB114904BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.3	75.5
111	42.1	32.7	49.1

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 11/21/2018 3:17:45 PM

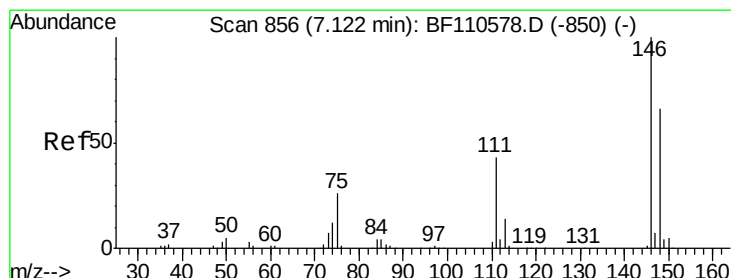
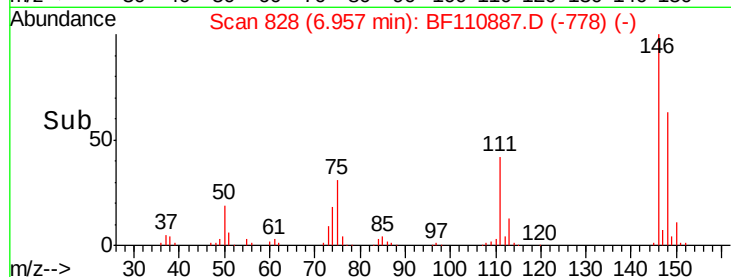
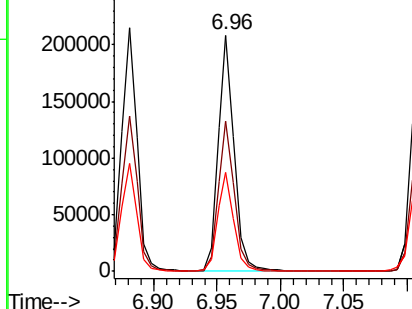


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 36.846 ng
 RT: 7.11 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: BF110887.D
 Acq: 20 Nov 2018 11:32

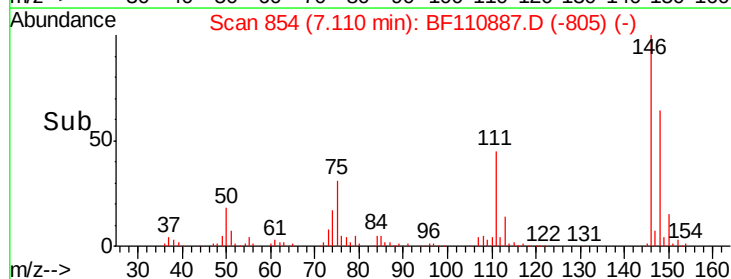
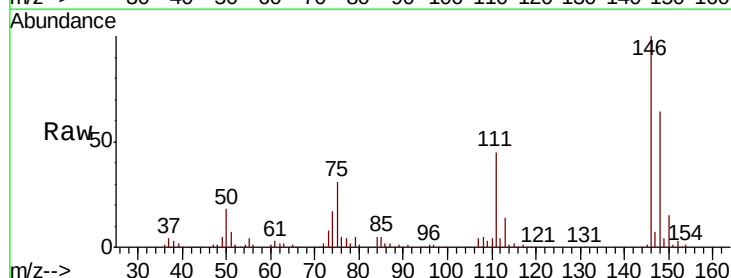
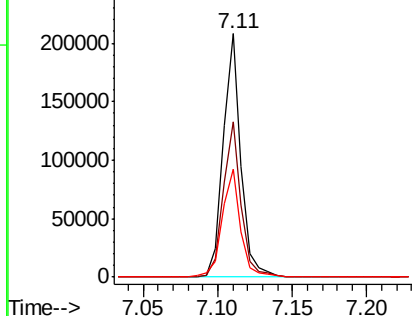
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.1	76.7
111	44.5	35.8	53.6

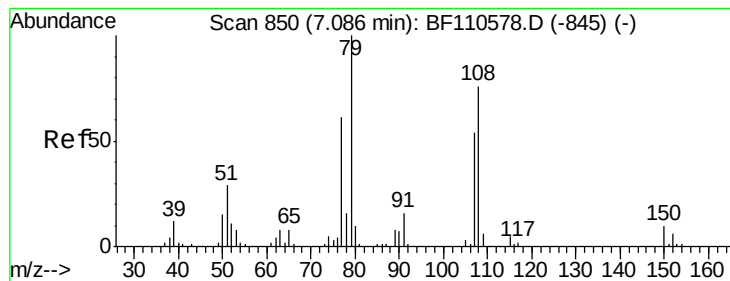
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.666 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF110887.D

Acq: 20 Nov 2018 11:32

Instrument :

BNA_F

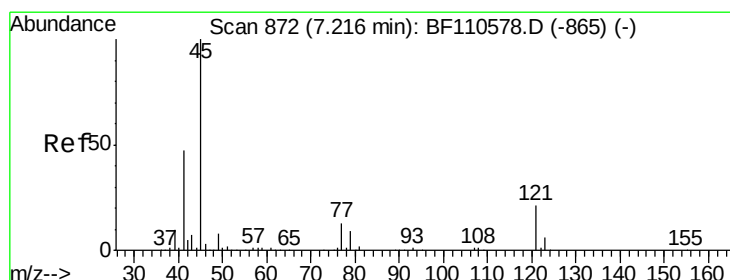
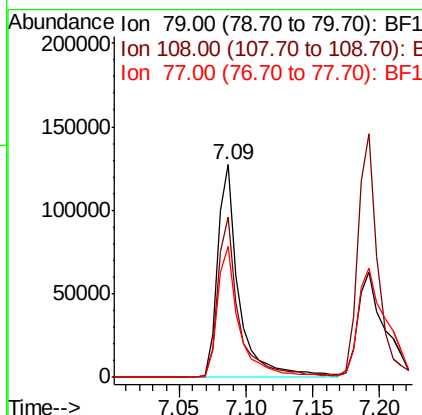
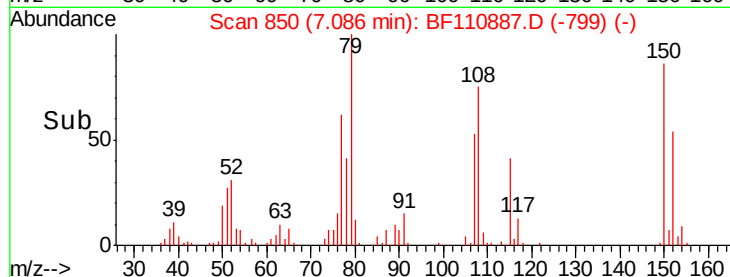
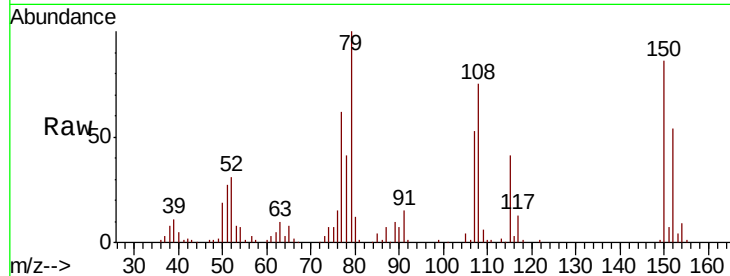
ClientSampleId :

PB114904BS

Tot Ion:	79	Resp:	143933
Ion Ratio	Lower	Upper	
79	100		
108	75.3	56.3	84.5
77	61.5	52.9	79.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.074 ng

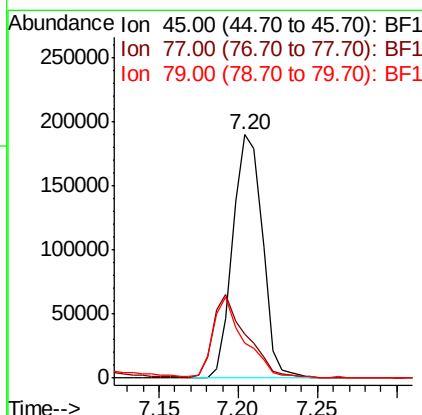
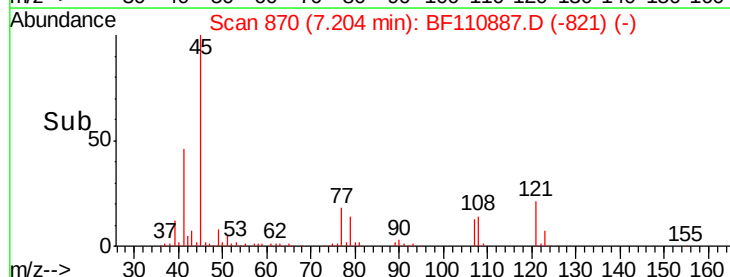
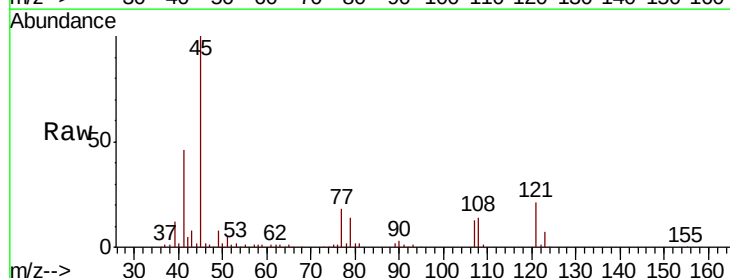
RT: 7.20 min Scan# 870

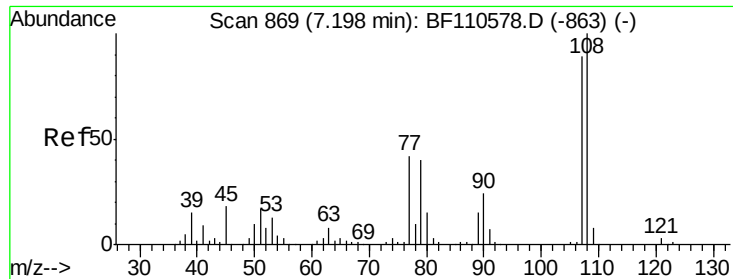
Delta R.T. -0.01 min

Lab File: BF110887.D

Acq: 20 Nov 2018 11:32

Tgt Ion:	45	Resp:	246950
Ion Ratio	Lower	Upper	
45	100		
77	18.1	10.0	50.0
79	14.5	6.1	46.1





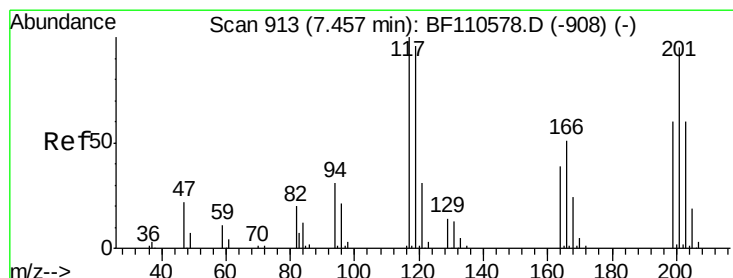
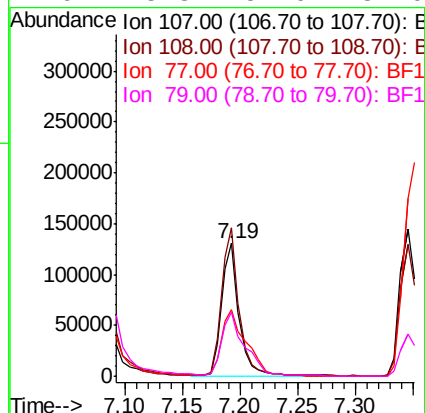
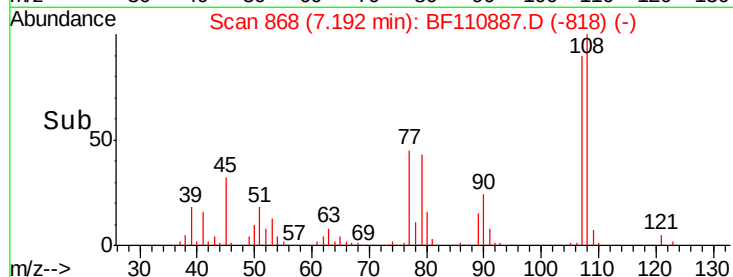
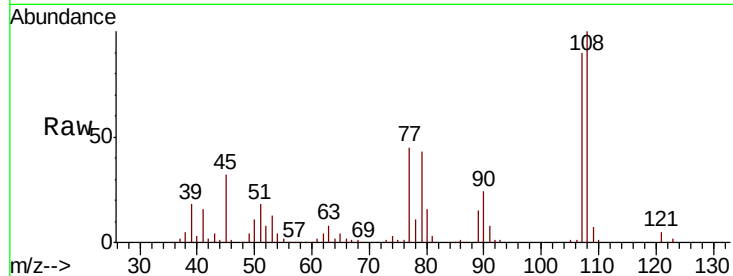
#17
2-Methylphenol
Concen: 37.174 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114904BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.4	92.6	138.8
77	50.0	59.4	89.2#
79	48.3	54.0	81.0#

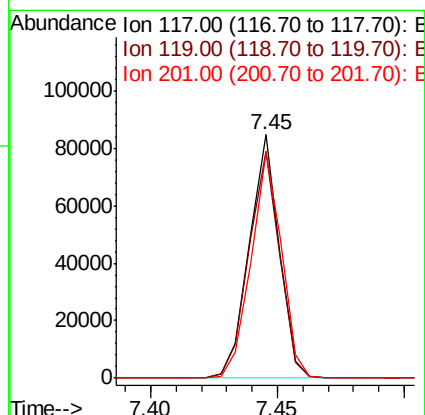
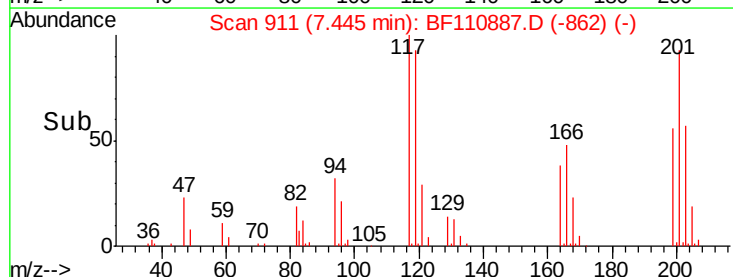
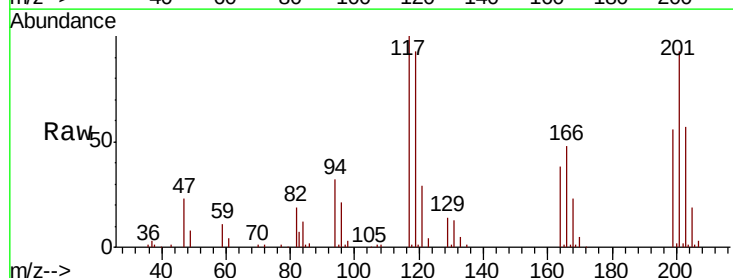
Manual Integrations
APPROVED

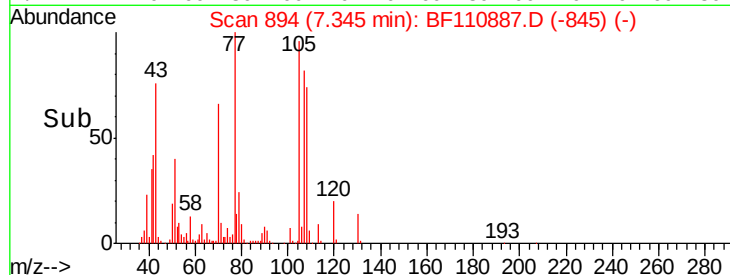
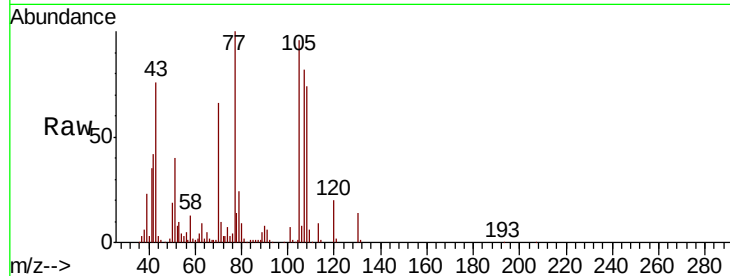
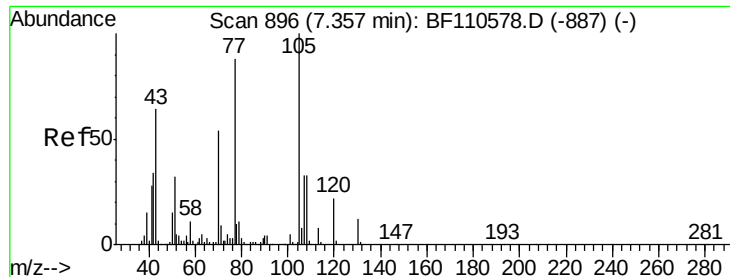
Sohil
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#18
Hexachloroethane
Concen: 37.152 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.4	75.0	112.6
201	92.6	79.2	118.8





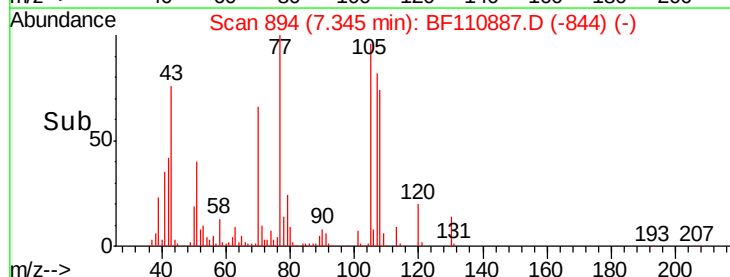
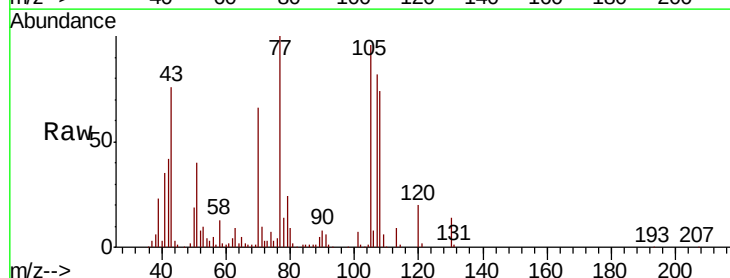
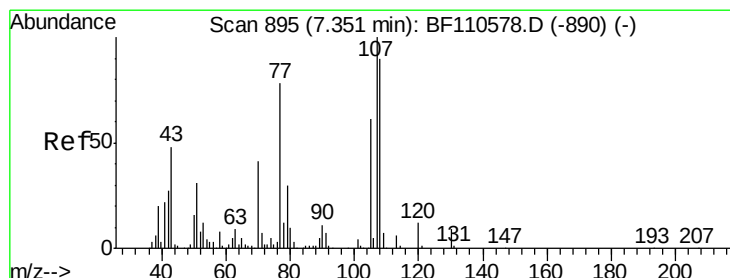
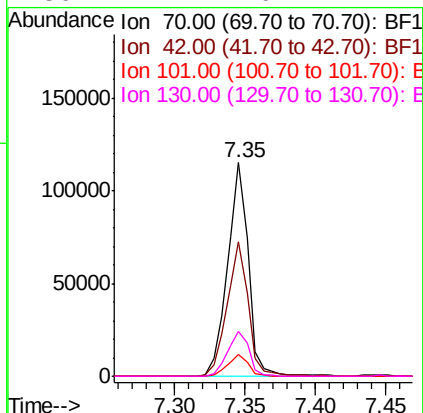
#19
n-Nitroso-di-n-propylamine
Concen: 36.879 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114904BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.1	47.4	71.2
101	10.1	7.3	10.9
130	21.2	16.2	24.2

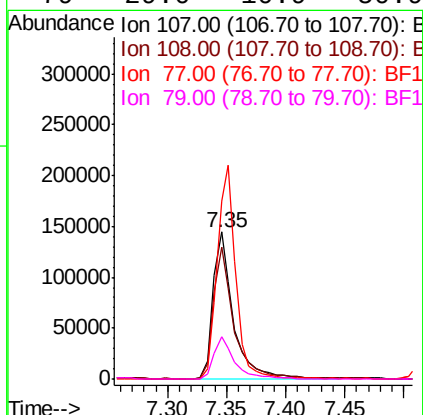
Manual Integrations
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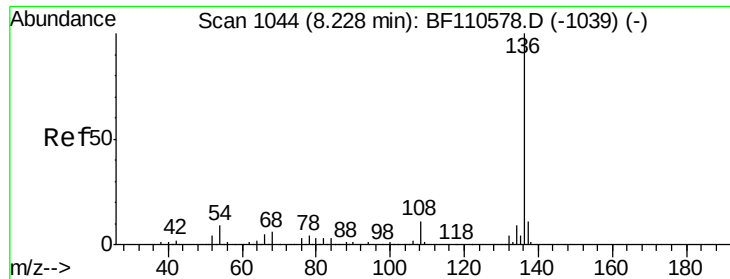
Sohil
11/21/2018 3:17:45 PM



#20
3+4-Methylphenols
Concen: 37.362 ng m
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	71.4	111.4
77	121.3	47.3	87.3#
79	29.0	10.9	50.9





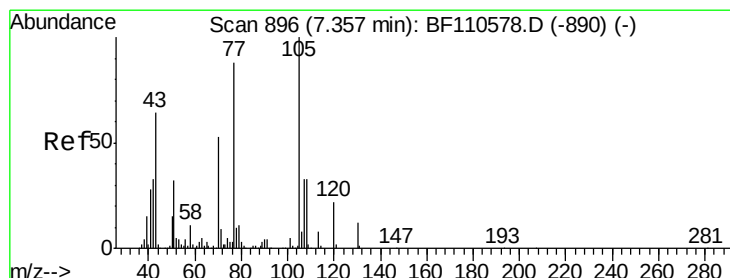
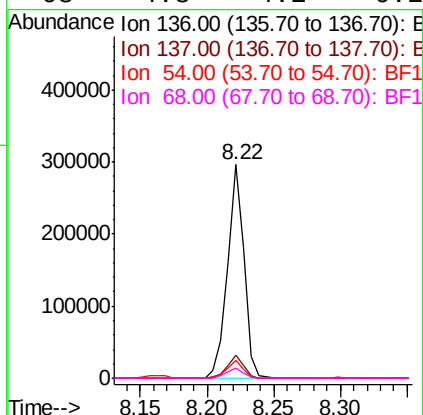
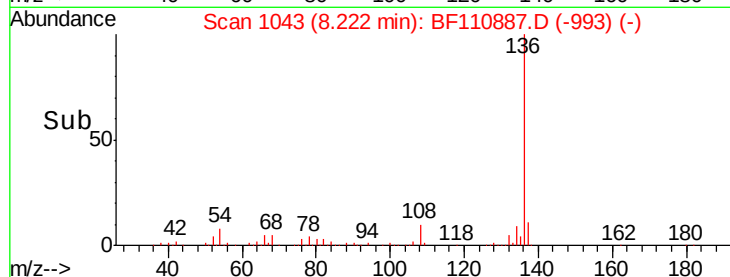
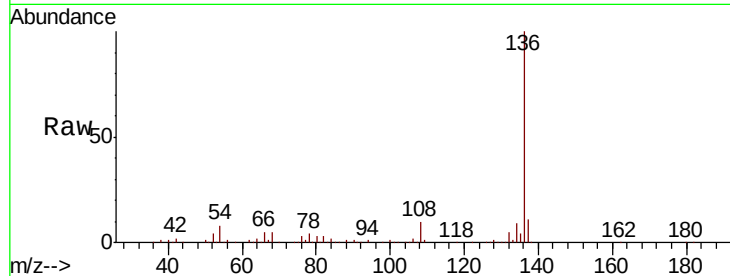
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114904BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		262488		
137	10.8		8.8	13.2	
54	8.2		5.4	8.2#	
68	4.8		4.2	6.2	

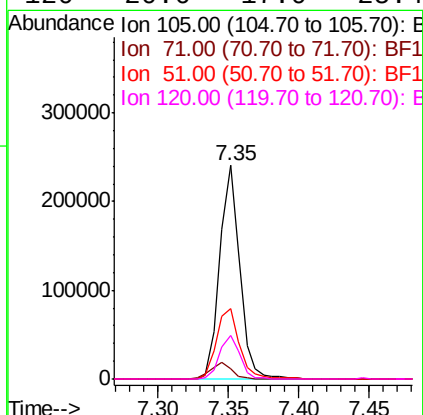
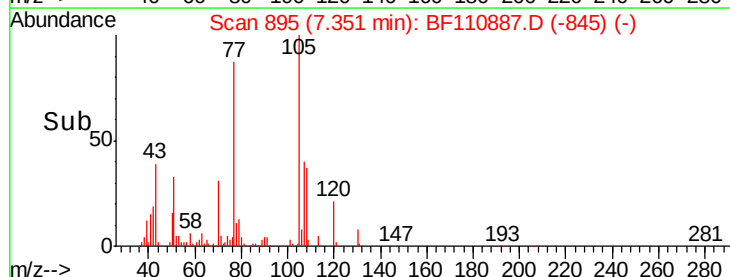
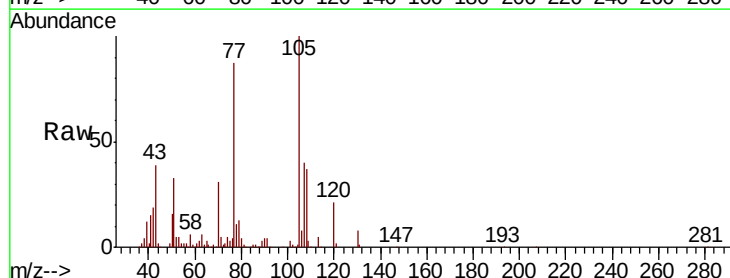
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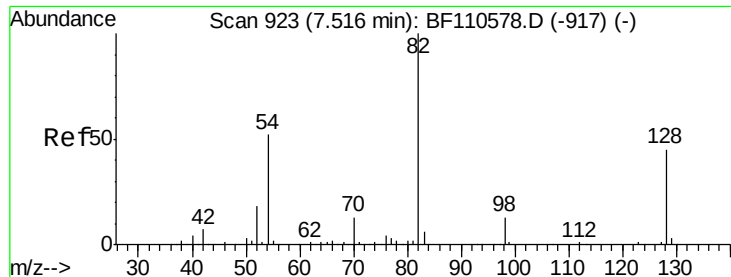
Sohil
11/21/2018 3:17:45 PM



#22
Acetophenone
Concen: 38.931 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		238156		
71	5.0		5.2	7.8#	
51	33.0		21.8	32.8#	
120	20.6		17.0	25.4	





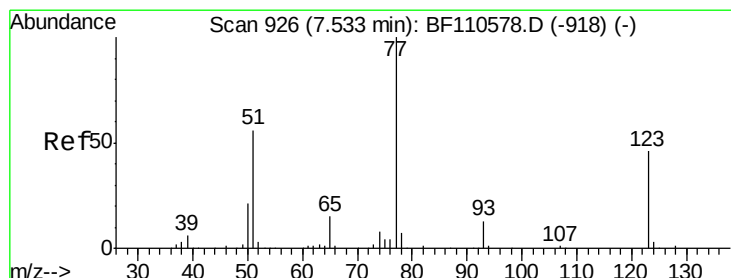
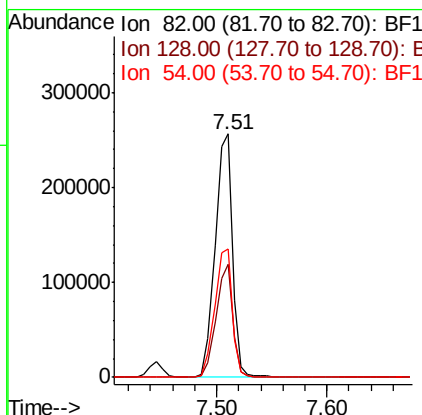
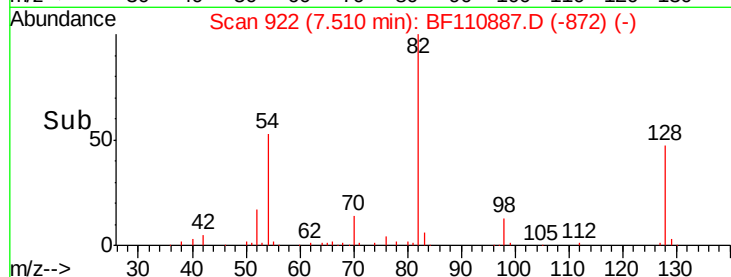
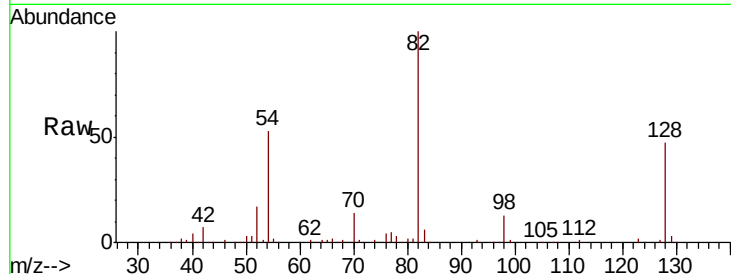
#23
Nitrobenzene-d5
Concen: 61.219 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114904BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	279032		
128	46.7	34.2	51.2	
54	52.5	38.6	58.0	

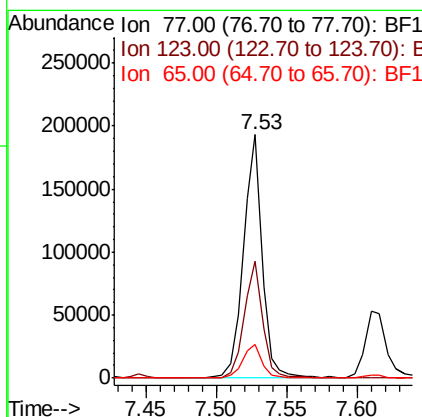
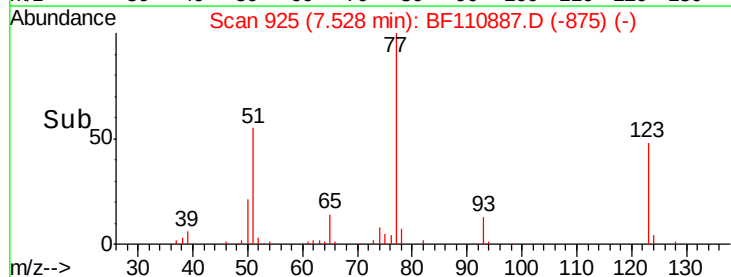
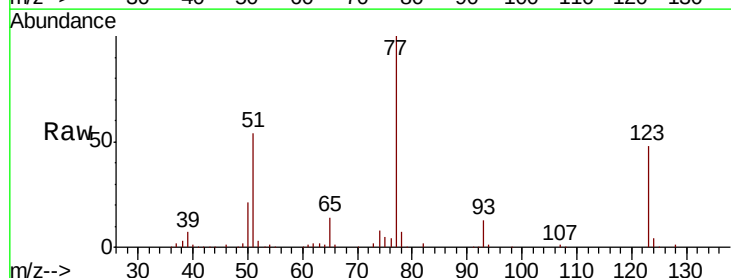
Manual Integrations
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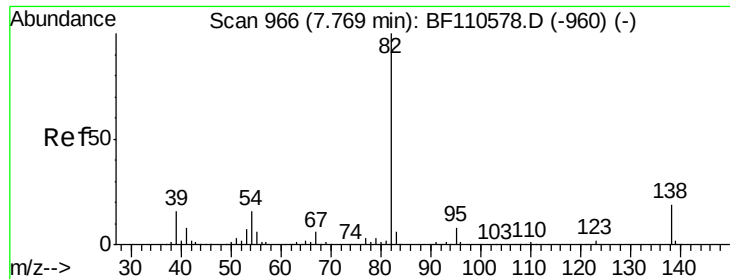
Sohil
11/21/2018 3:17:45 PM



#24
Nitrobenzene
Concen: 38.408 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	179361		
123	48.0	35.7	53.5	
65	13.6	10.7	16.1	





#25

Isophorone

Concen: 41.971 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF110887.D

Acq: 20 Nov 2018 11:32

Instrument :

BNA_F

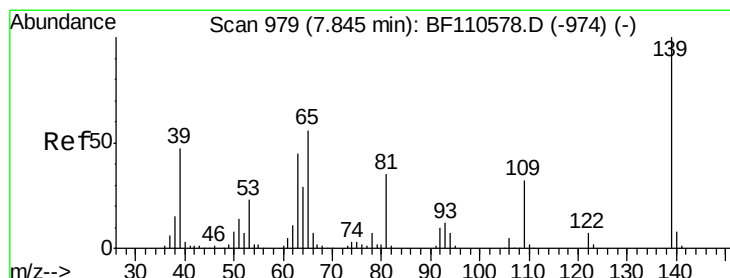
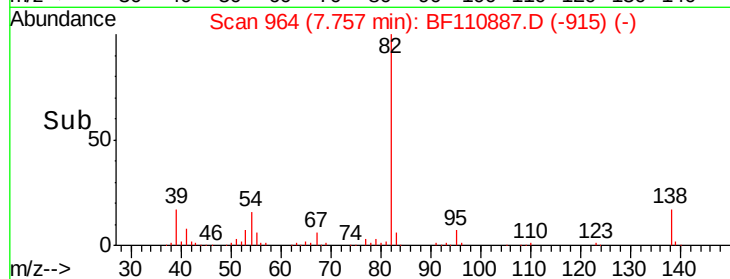
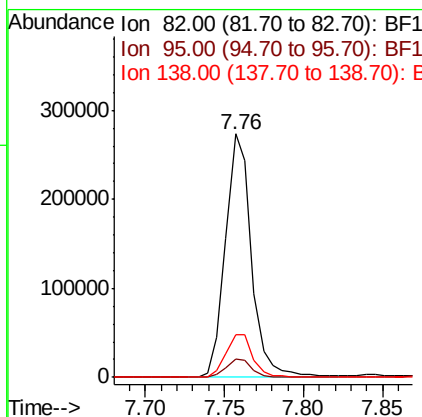
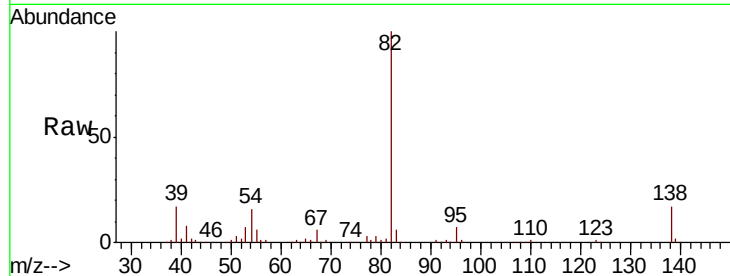
ClientSampleId :

PB114904BS

Tot Ion:	82	Resp:	313542
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.7	8.5
138	17.4	13.2	19.8

Manual Integrations
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11/21/2018 3:17:45 PM



#26

2-Nitrophenol

Concen: 38.084 ng

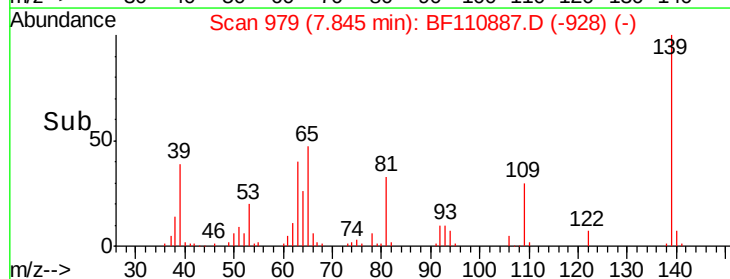
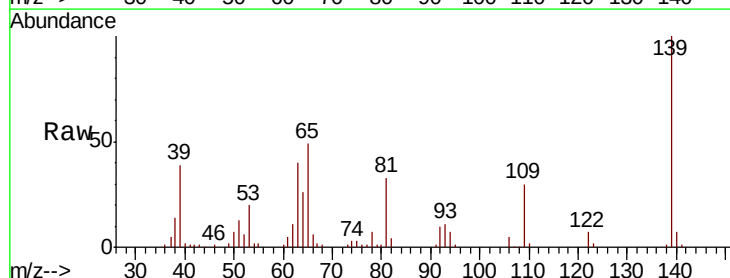
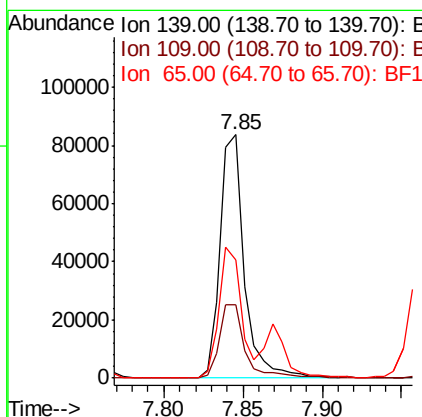
RT: 7.85 min Scan# 979

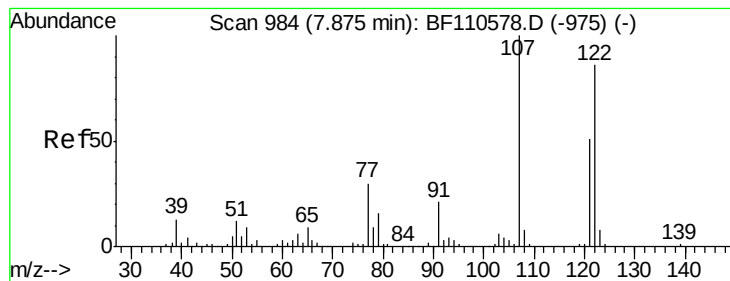
Delta R.T. 0.00 min

Lab File: BF110887.D

Acq: 20 Nov 2018 11:32

Tgt Ion:	139	Resp:	88724
Ion Ratio	Lower	Upper	
139	100		
109	30.2	25.0	37.6
65	48.6	44.0	66.0





#27

2,4-Dimethylphenol

Concen: 43.503 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF110887.D

Acq: 20 Nov 2018 11:32

Instrument :

BNA_F

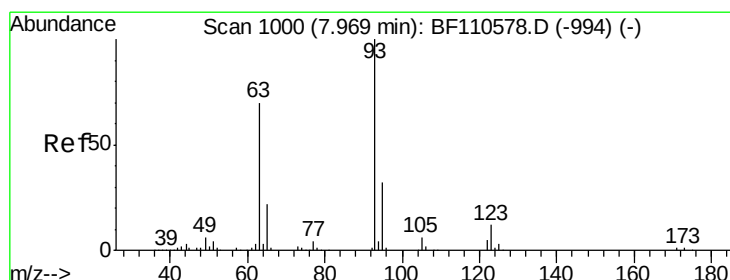
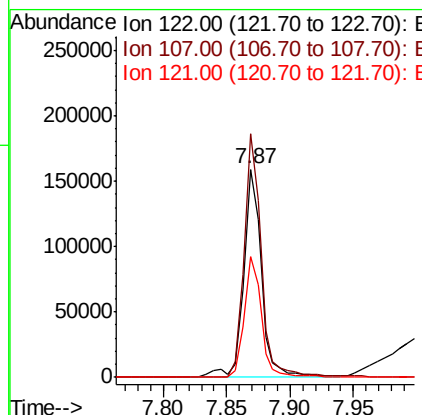
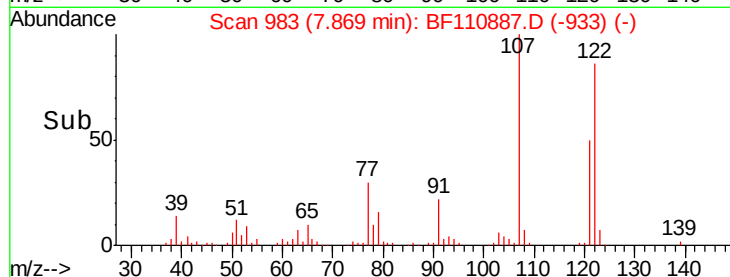
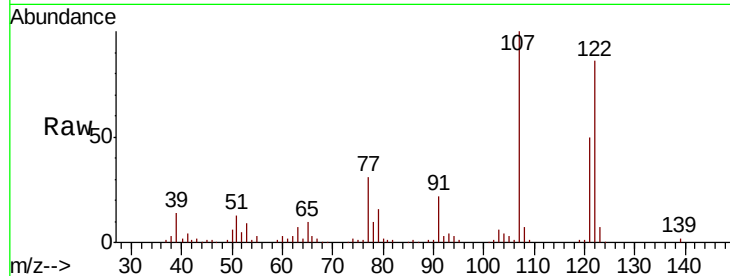
ClientSampleID :

PB114904BS

Tot Ion:	122	Resp:	154349
Ion Ratio	Lower	Upper	
122	100		
107	116.9	92.5	138.7
121	58.2	45.8	68.8

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#28

bis(2-Chloroethoxy)methane

Concen: 38.959 ng

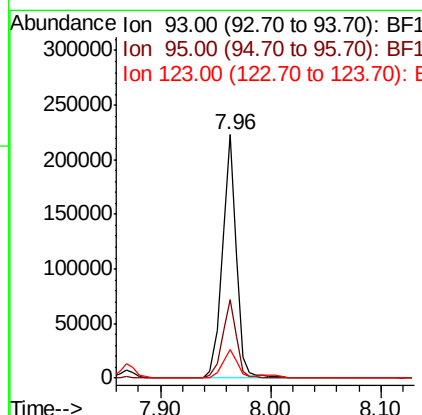
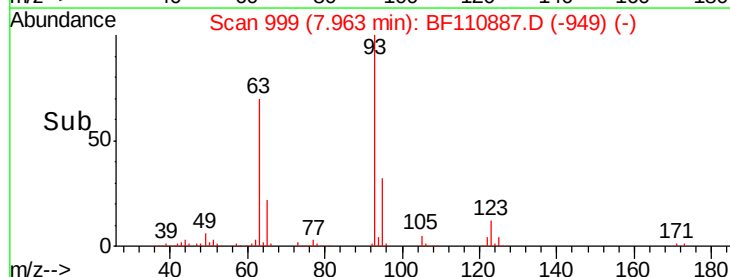
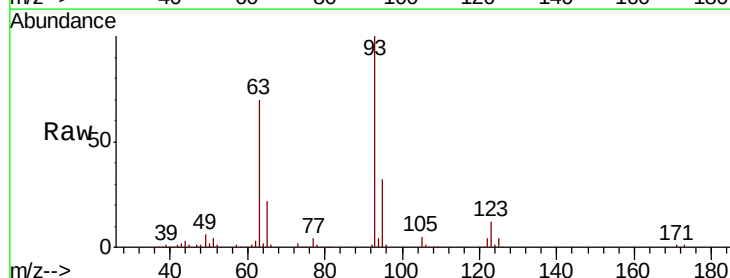
RT: 7.96 min Scan# 999

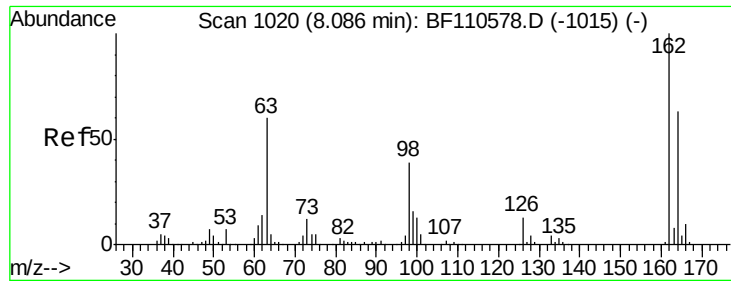
Delta R.T. -0.01 min

Lab File: BF110887.D

Acq: 20 Nov 2018 11:32

Tgt Ion:	93	Resp:	197054
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.4	39.6
123	11.8	9.0	13.6





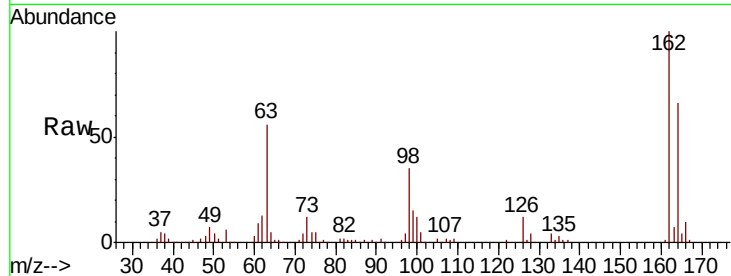
#29
 2,4-Dichlorophenol
 Concen: 38.561 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF110887.D
 Acq: 20 Nov 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 PB114904BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	140776		
164	65.5	44.6	84.6	
98	35.2	17.4	57.4	

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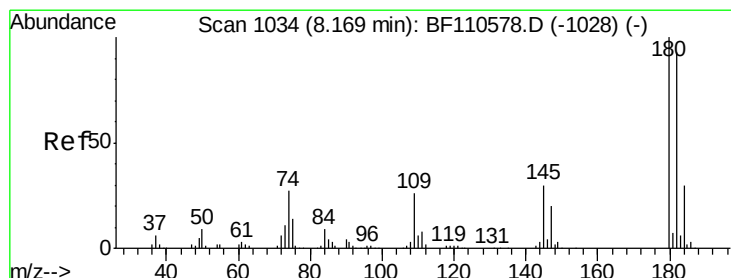
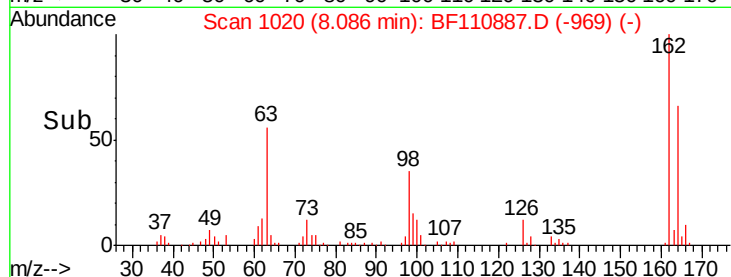
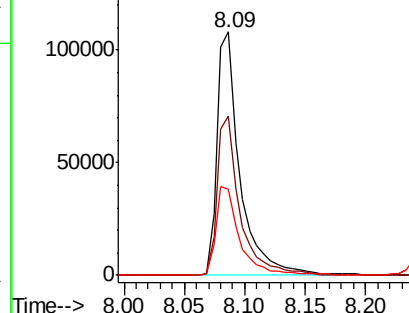


Abundance

Ion 162.00 (161.70 to 162.70): E

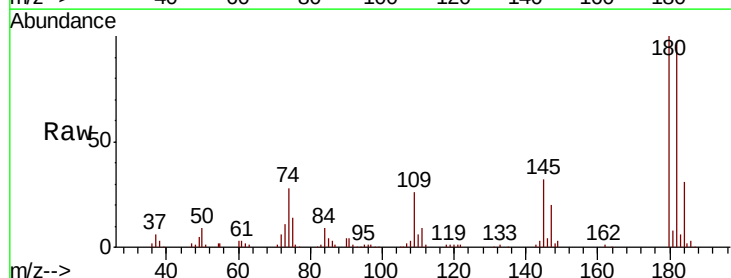
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.621 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF110887.D
 Acq: 20 Nov 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	154853		
182	96.9	80.3	120.5	
145	32.2	25.4	38.0	

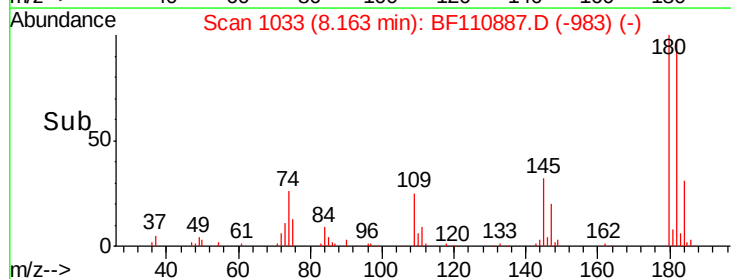
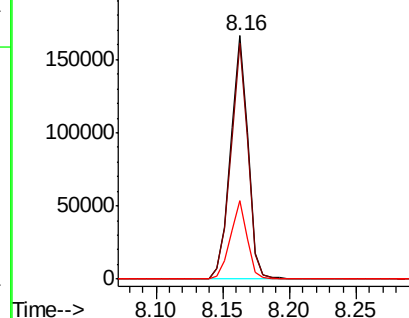


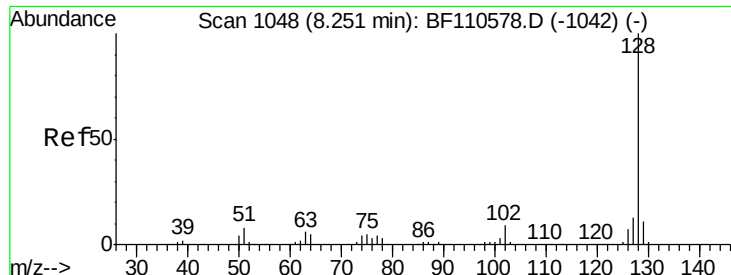
Abundance

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





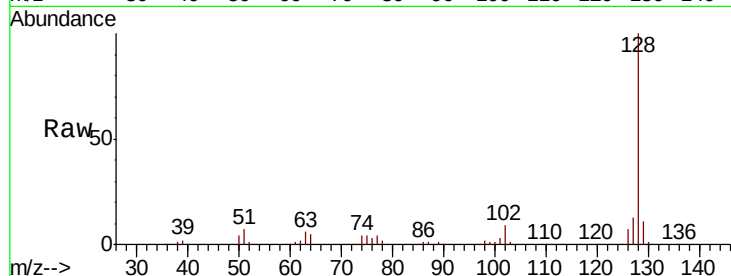
#31
Naphthalene
Concen: 40.556 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114904BS

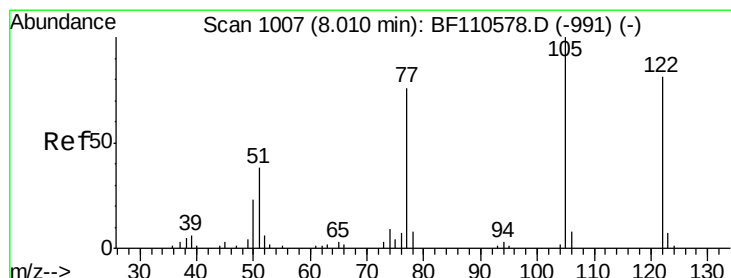
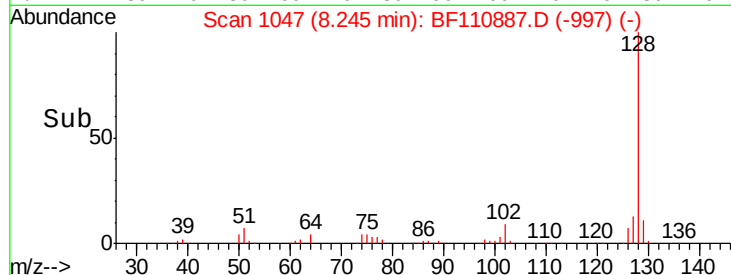
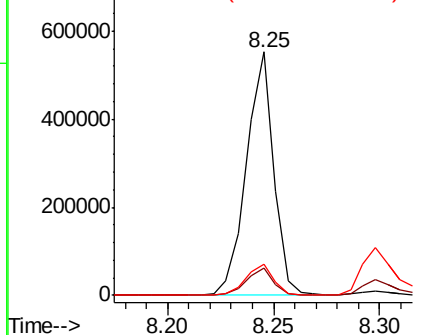
Tot Ion	Ratio	Resp	Lower	Upper
128	100	499748		
129	11.0		8.8	13.2
127	12.8		10.8	16.2

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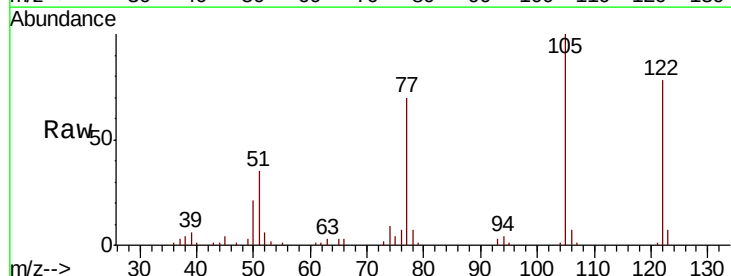


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

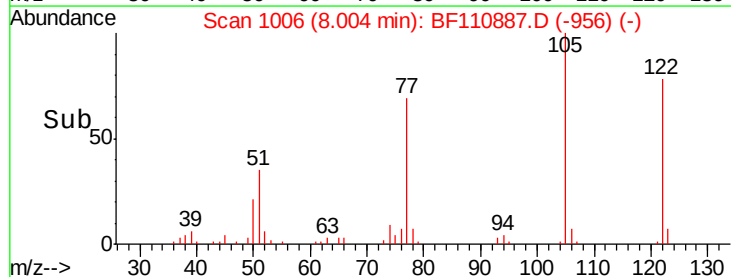
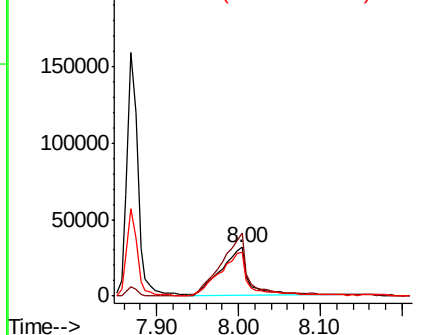


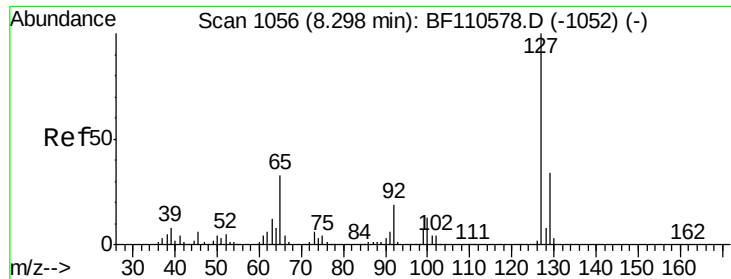
#32
Benzoic acid
Concen: 29.943 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	75167		
105	127.6		109.0	149.0
77	88.9		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





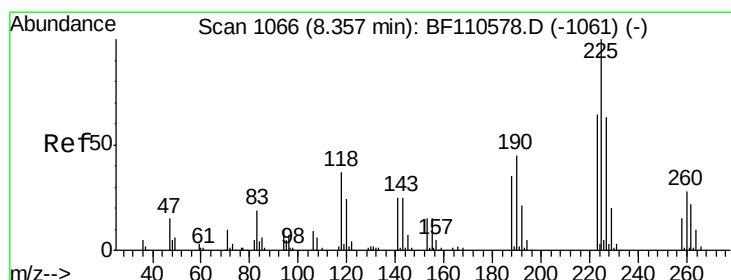
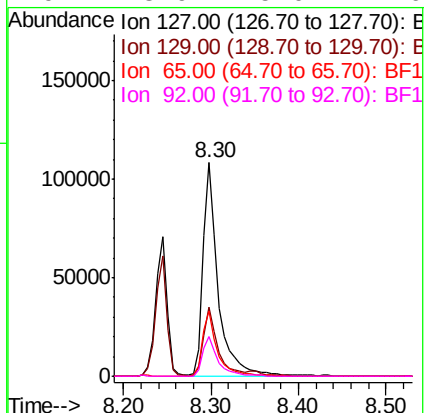
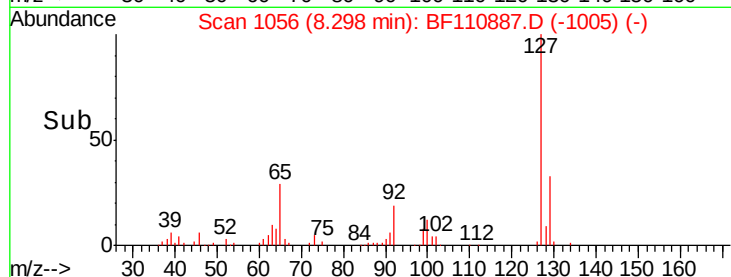
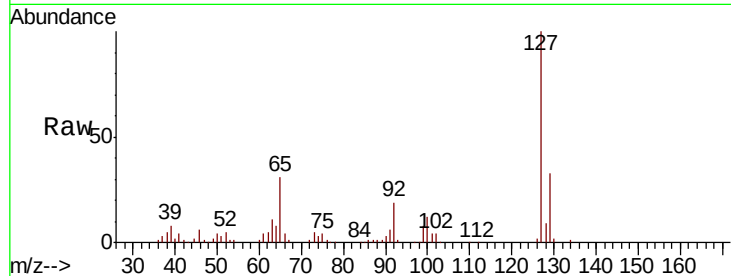
#33
4-Chloroaniline
Concen: 23.542 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114904BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		131400		
129	32.5	26.0	39.0		
65	30.7	25.1	37.7		
92	18.9	15.0	22.6		

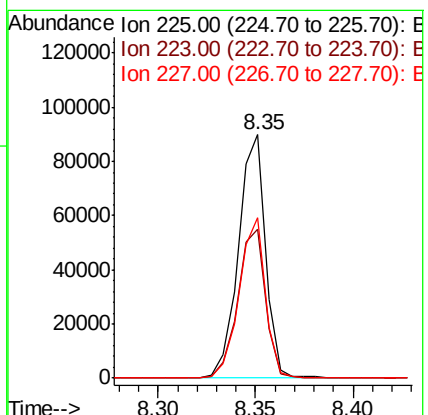
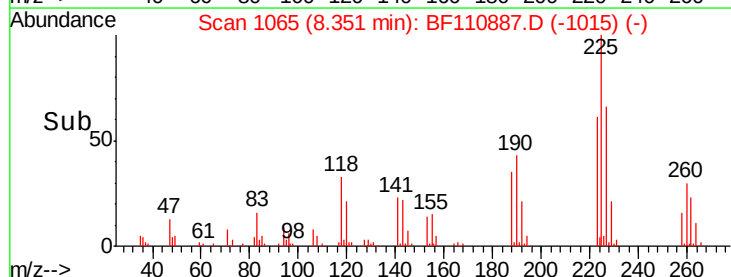
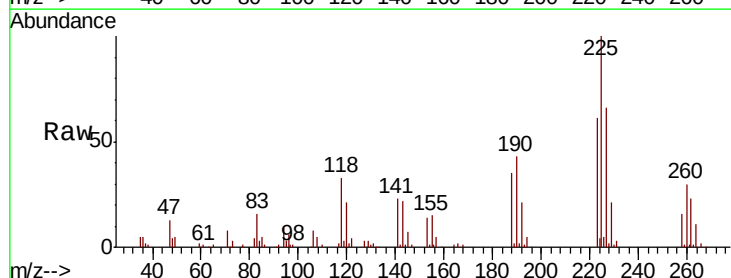
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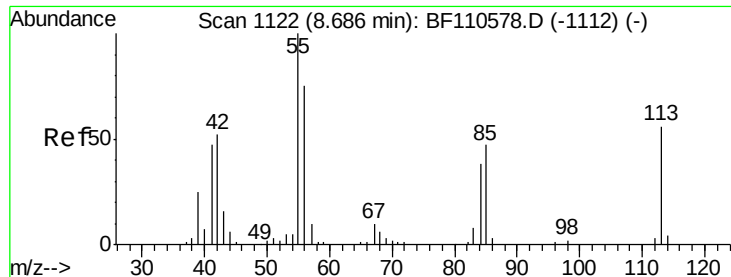
Sohil
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#34
Hexachlorobutadiene
Concen: 36.688 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		86255		
223	61.1	51.4	77.2		
227	66.1	51.0	76.6		





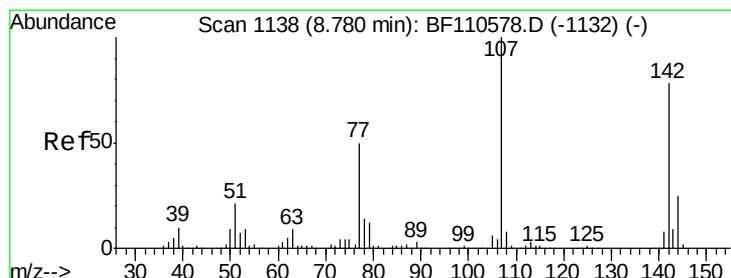
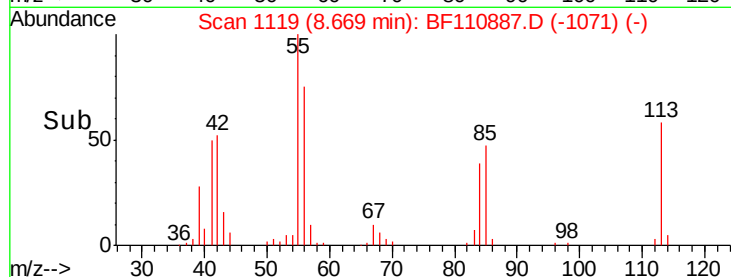
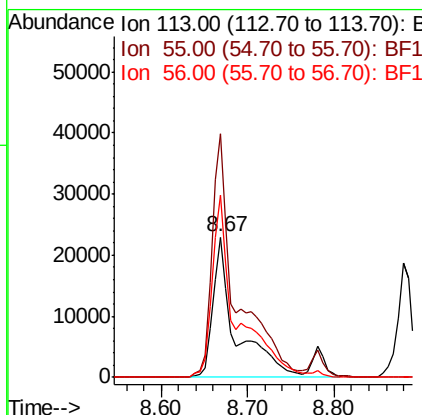
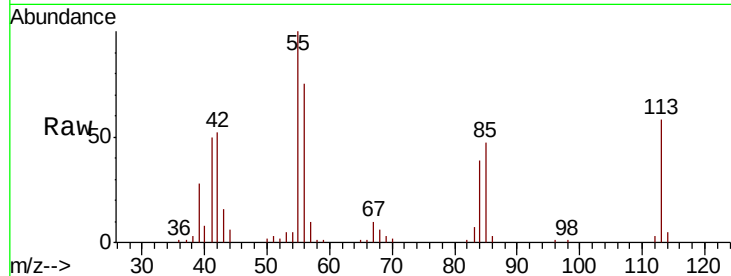
#35
Caprolactam
Concen: 38.606 ng/ml
RT: 8.67 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Instrument :
BNA_F
ClientSampleID :
PB114904BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	173.8	142.8	182.8	
56	129.6	105.0	145.0	

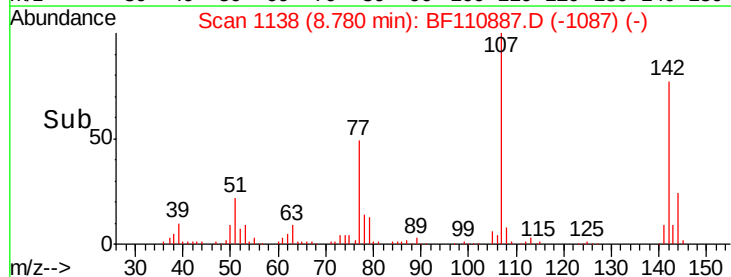
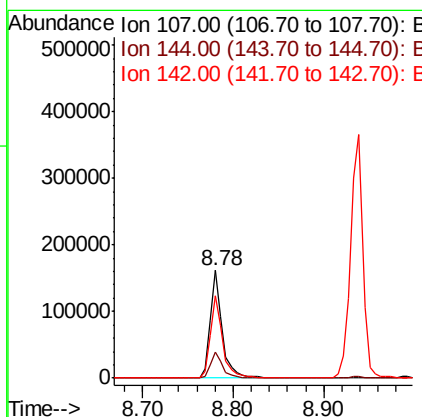
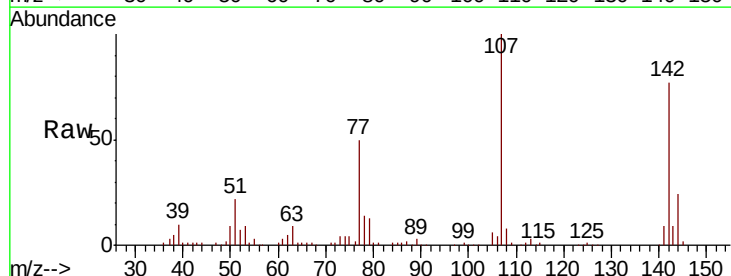
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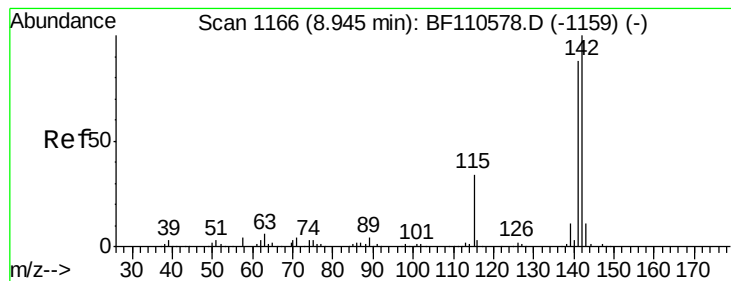
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 38.917 ng/ml
RT: 8.78 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	24.3	20.0	30.0	
142	77.0	59.7	89.5	





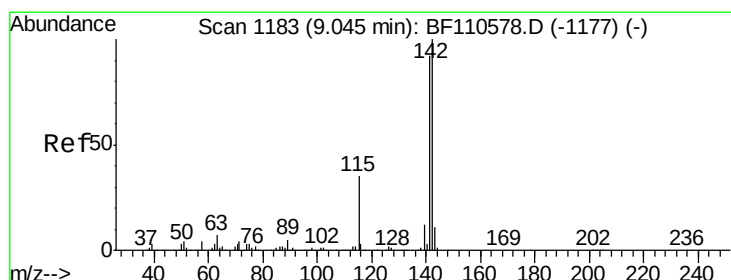
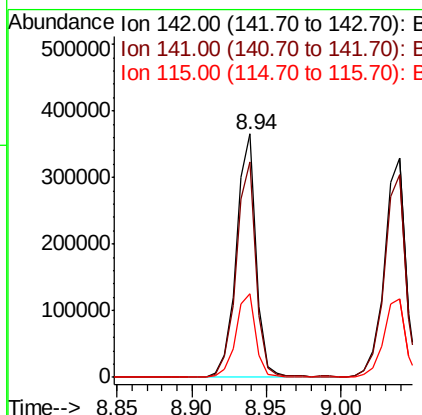
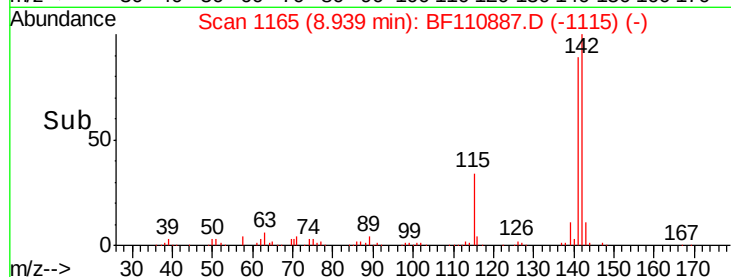
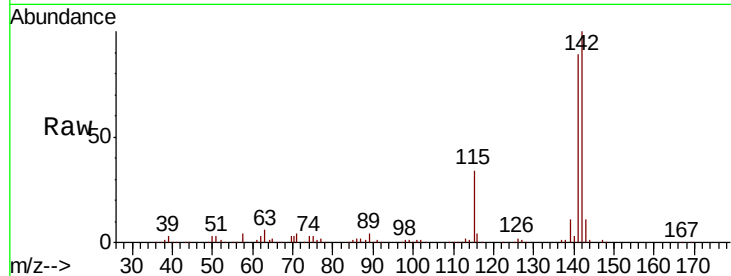
#37
2-Methylnaphthalene
Concen: 42.152 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114904BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.4	107.2
115	34.2	28.7	43.1

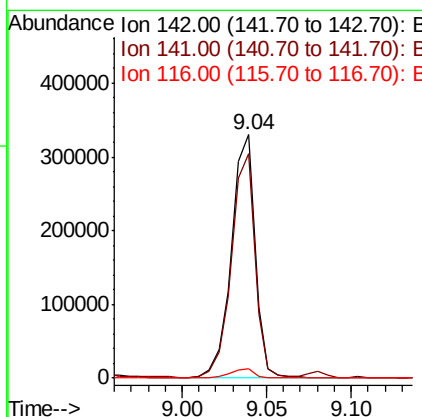
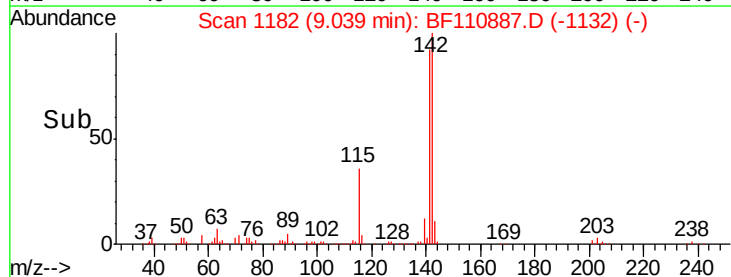
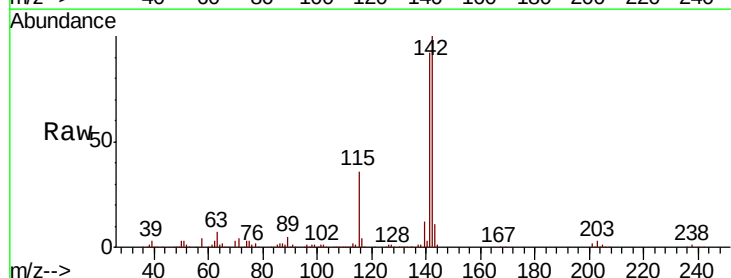
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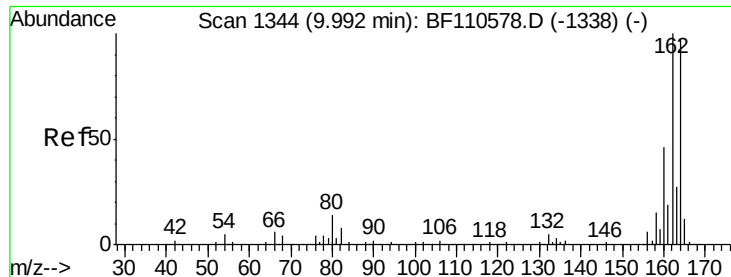
Sohil
11/21/2018 3:17:45 PM



#38
1-Methylnaphthalene
Concen: 41.135 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.2	111.4
116	3.7	2.6	4.0





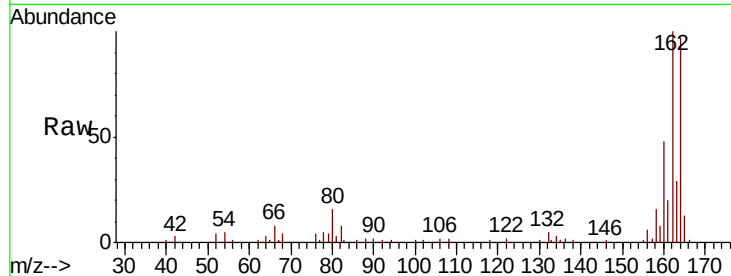
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114904BS

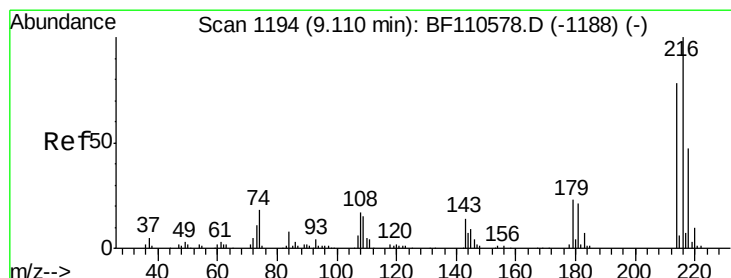
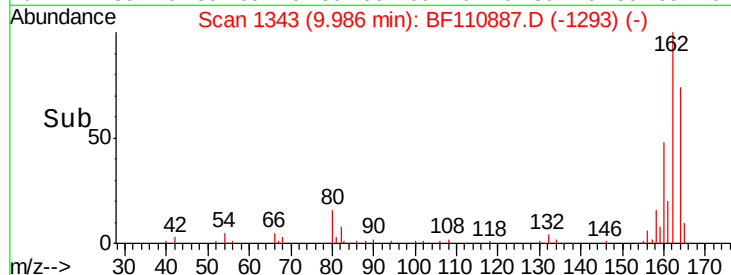
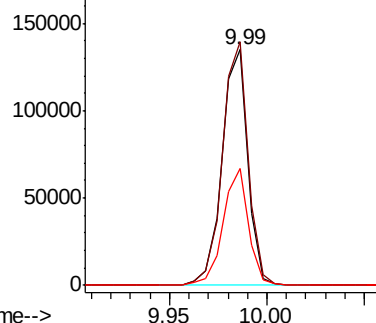
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.0	124.6
160	49.8	37.0	55.6

Manual Integrations
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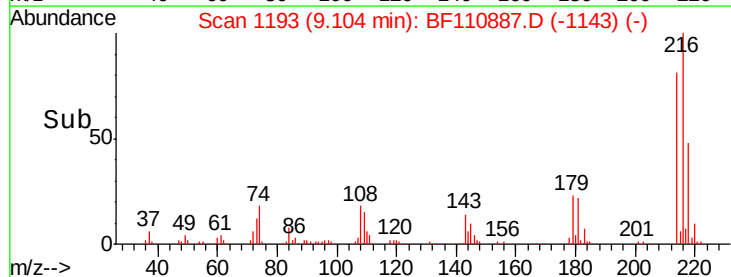
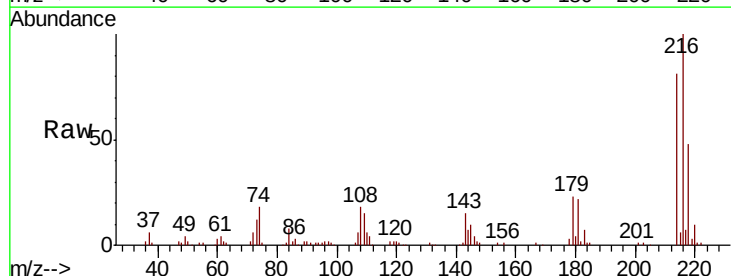
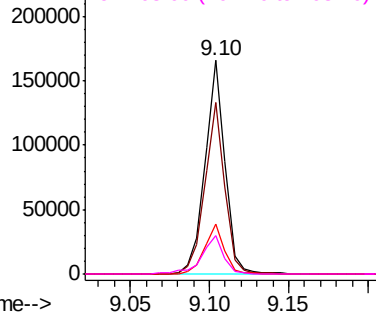
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

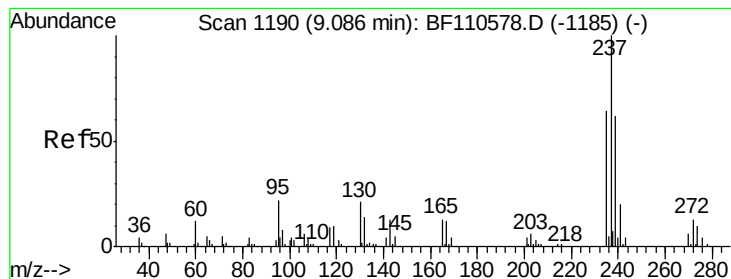


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.279 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.8	95.6
179	22.7	16.6	25.0
108	19.6	15.1	22.7

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 35.524 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF110887.D

Acq: 20 Nov 2018 11:32

Instrument :

BNA_F

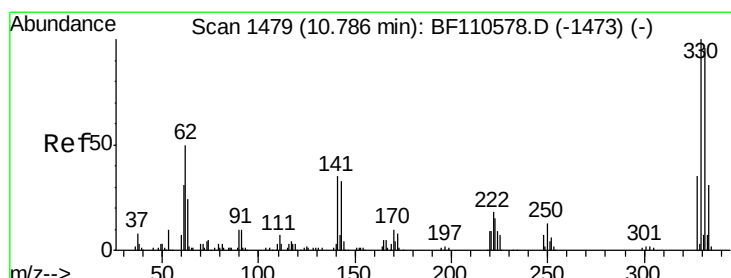
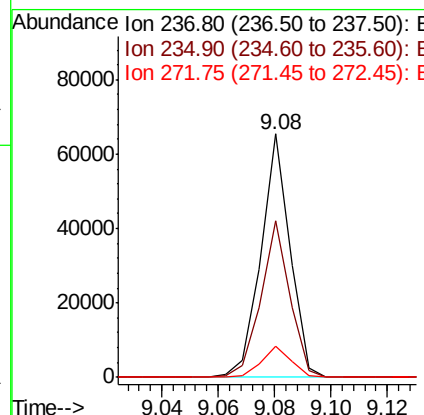
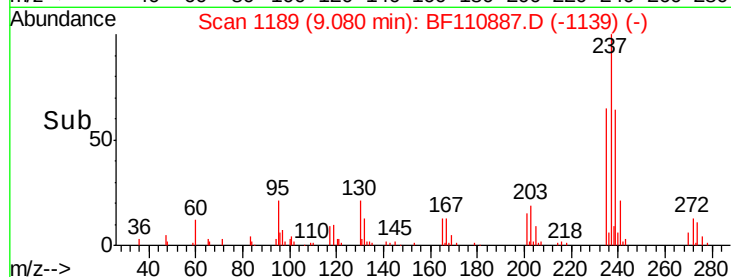
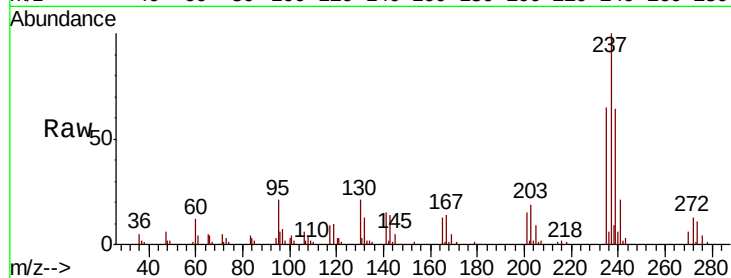
ClientSampleId :

PB114904BS

Tot Ion:	237	Resp:	46870
Ion Ratio	Lower	Upper	
237	100		
235	64.5	43.1	83.1
272	12.8	0.0	32.6

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#42

2,4,6-Tribromophenol

Concen: 110.862 ng

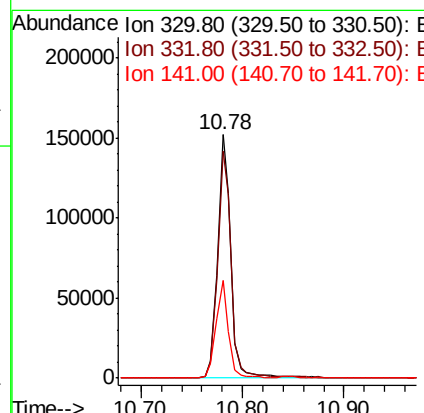
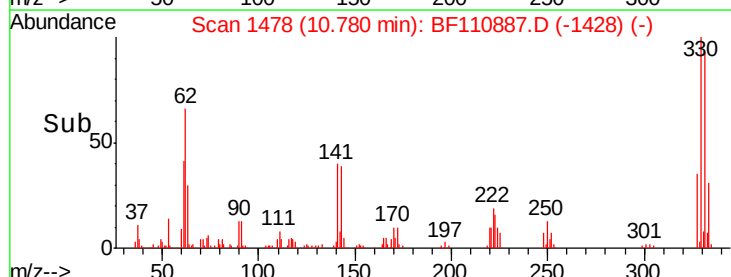
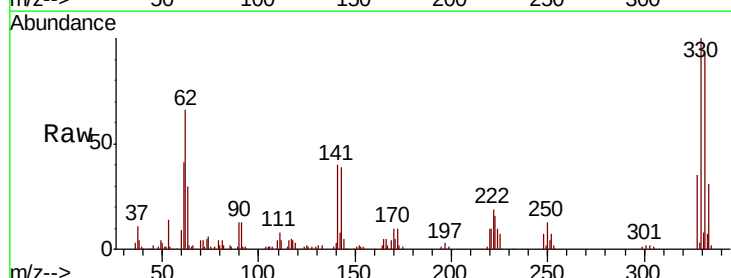
RT: 10.78 min Scan# 1478

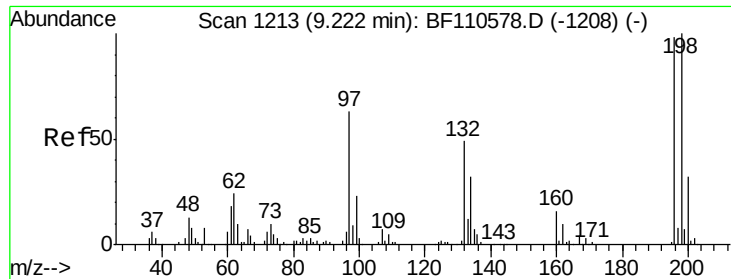
Delta R.T. -0.01 min

Lab File: BF110887.D

Acq: 20 Nov 2018 11:32

Tgt Ion:	330	Resp:	137586
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.1	115.7
141	38.1	27.0	40.4





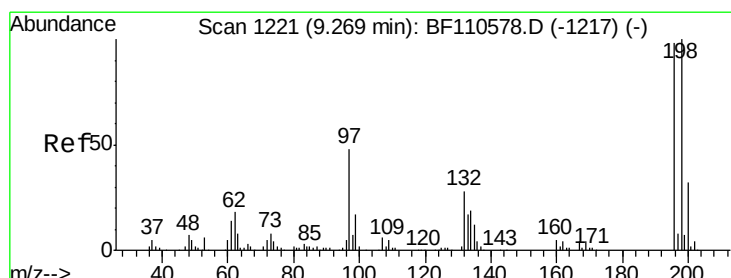
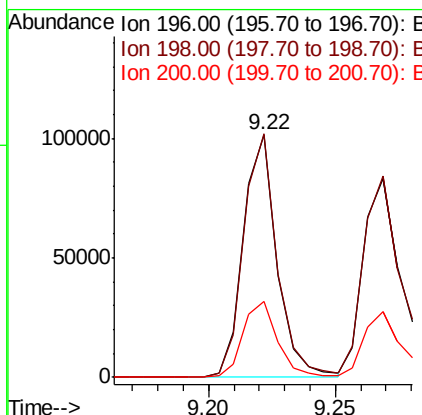
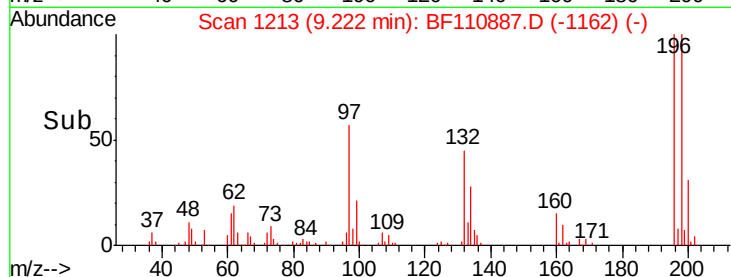
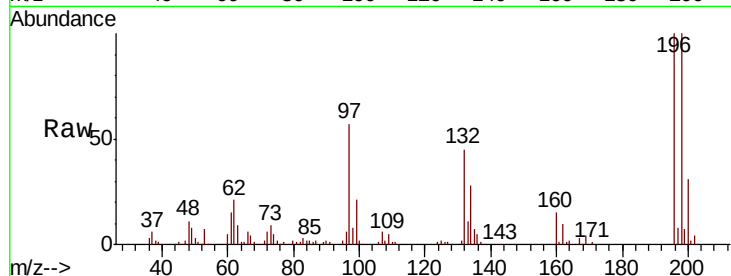
#43
 2,4,6-Trichlorophenol
 Concen: 38.335 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF110887.D
 Acq: 20 Nov 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 PB114904BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	93919		
198	100.4	76.2	114.4	
200	31.2	24.4	36.6	

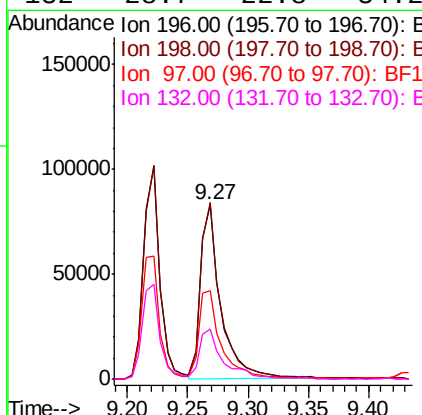
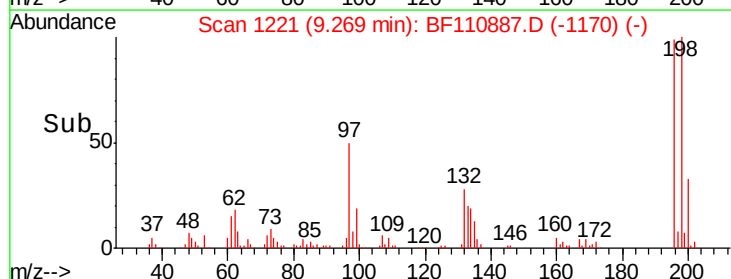
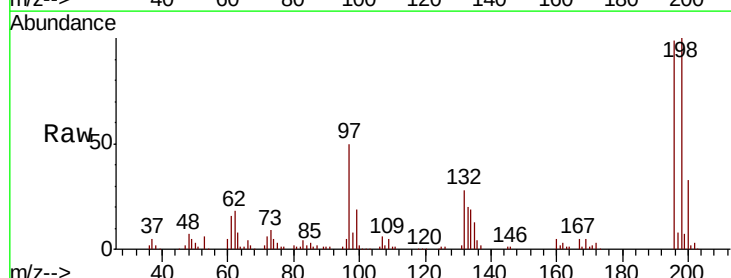
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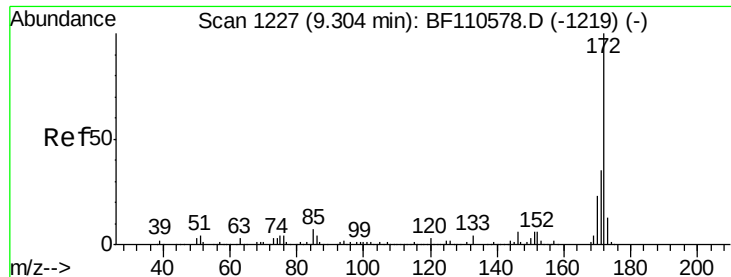
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#44
 2,4,5-Trichlorophenol
 Concen: 37.189 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BF110887.D
 Acq: 20 Nov 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	97189		
198	101.1	75.8	113.6	
97	50.7	42.4	63.6	
132	28.7	22.8	34.2	





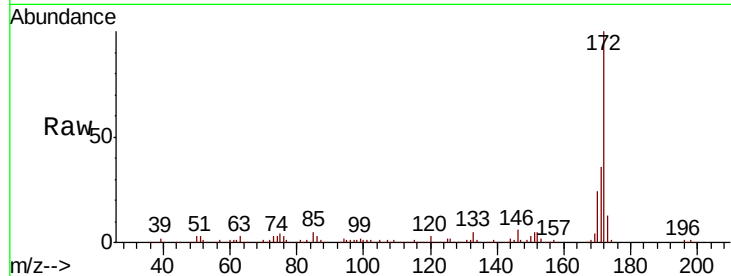
#45
2-Fluorobiphenyl
Concen: 61.632 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114904BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	531518		
171	35.8	28.6	43.0	
170	23.8	19.7	29.5	

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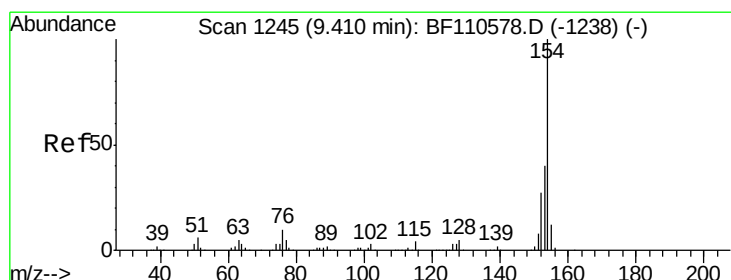
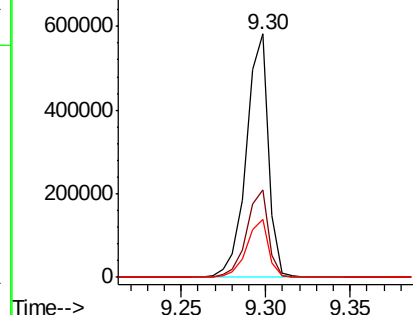
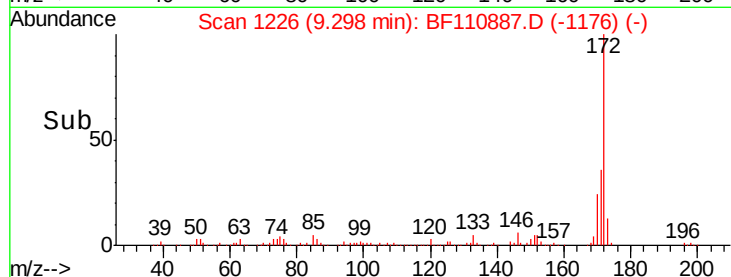


Abundance

Ion 172.00 (171.70 to 172.70): E

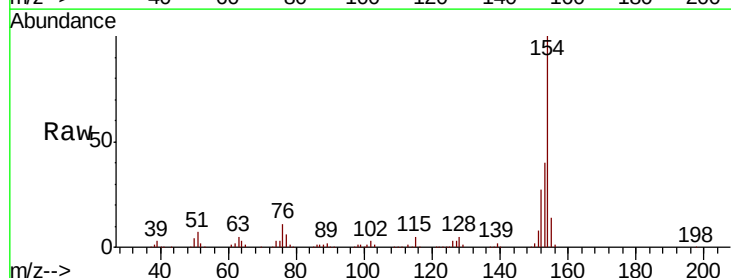
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 35.856 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	411979		
153	40.0	20.4	60.4	
76	11.3	0.0	31.9	

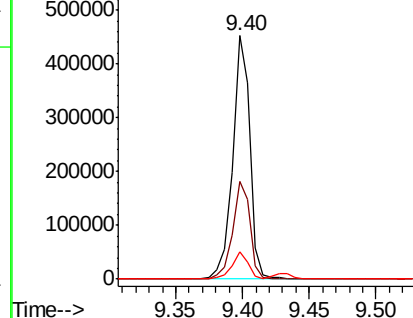
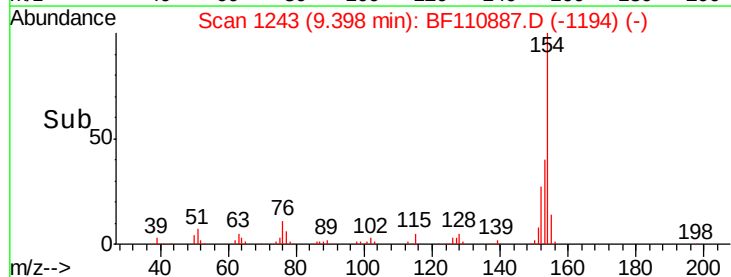


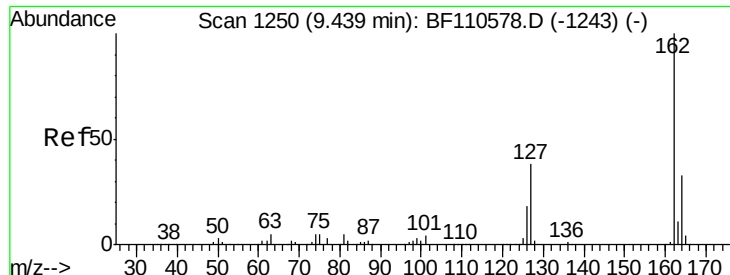
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





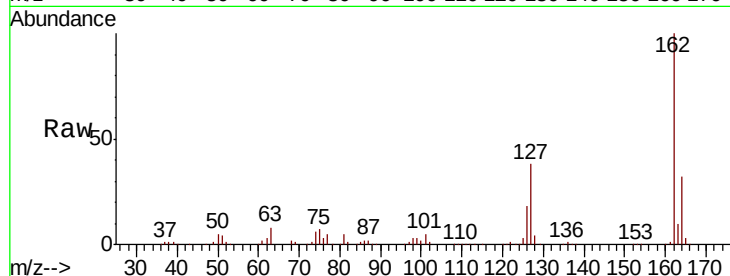
#47
2-Chloronaphthalene
Concen: 37.817 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114904BS

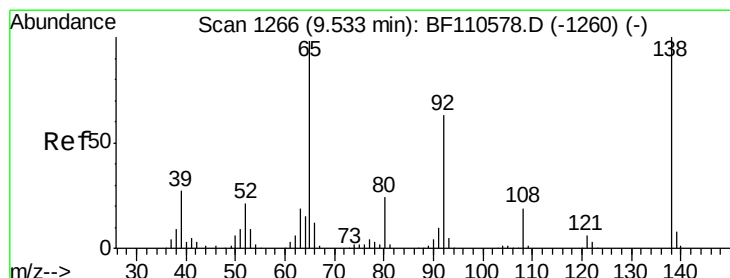
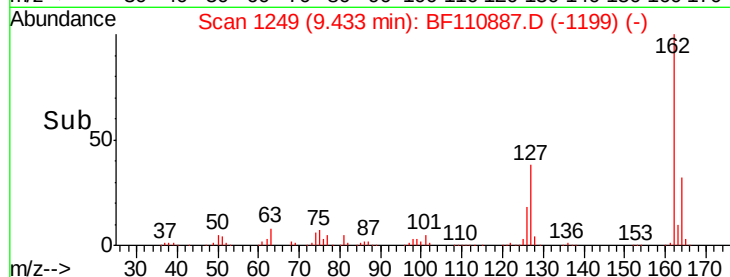
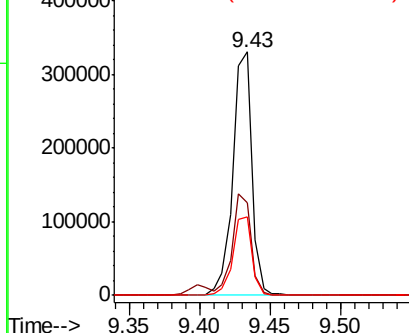
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	32.6	48.8
164	32.0	25.9	38.9

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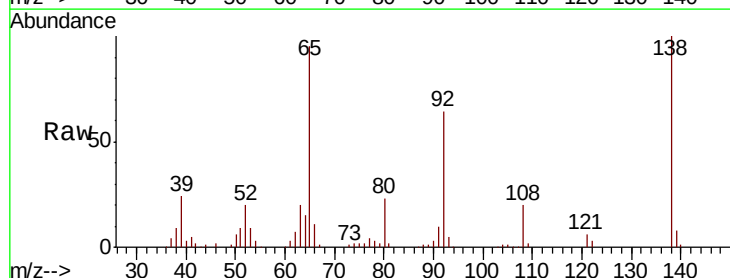


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

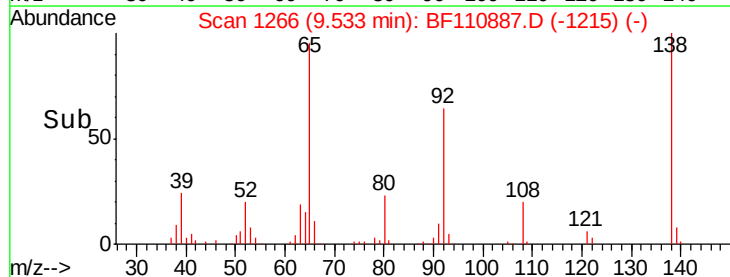
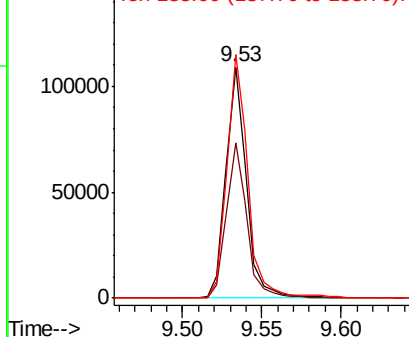


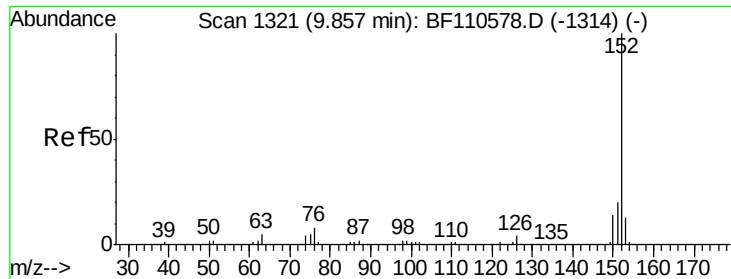
#48
2-Nitroaniline
Concen: 38.207 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.0	54.6	81.8
138	105.5	80.3	120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.564 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF110887.D

Acq: 20 Nov 2018 11:32

Instrument :

BNA_F

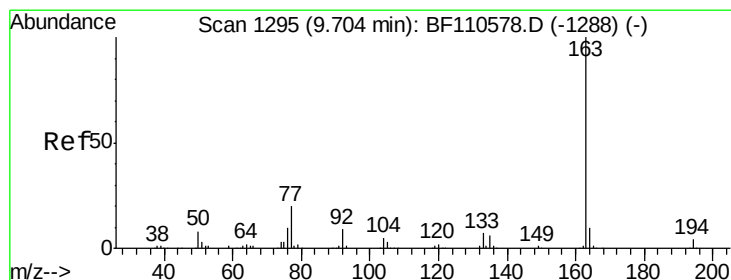
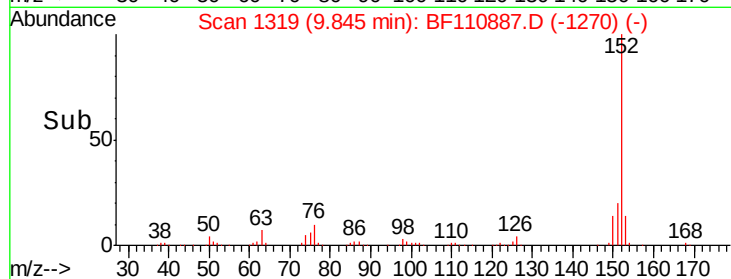
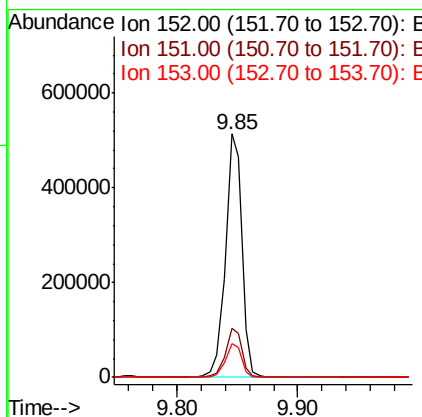
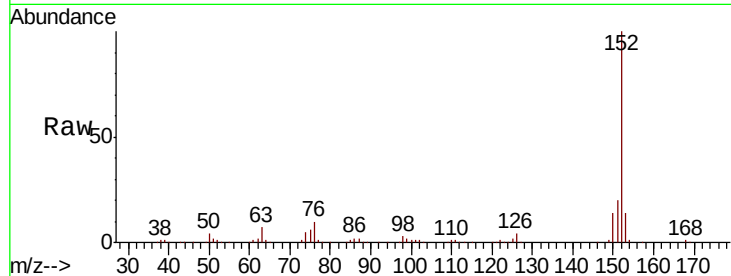
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.8	23.8
153	13.6	10.4	15.6

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#50

Dimethylphthalate

Concen: 37.755 ng

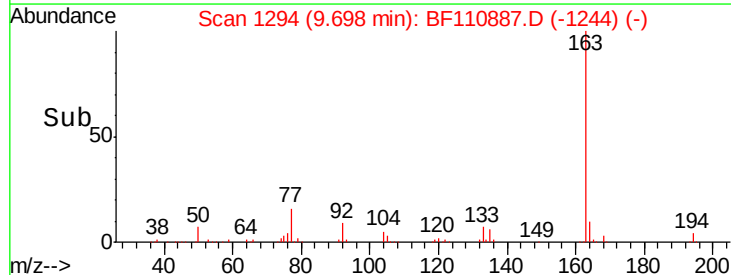
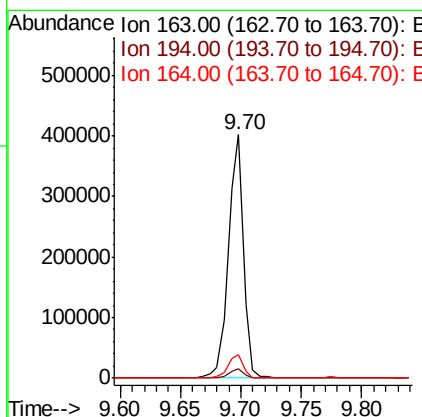
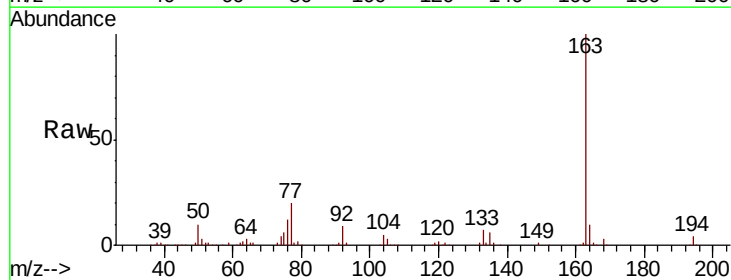
RT: 9.70 min Scan# 1294

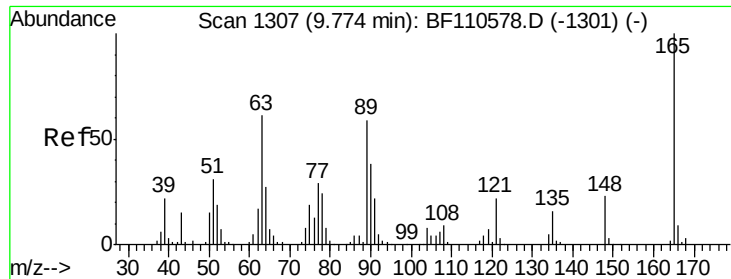
Delta R.T. -0.01 min

Lab File: BF110887.D

Acq: 20 Nov 2018 11:32

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.8	8.1	12.1





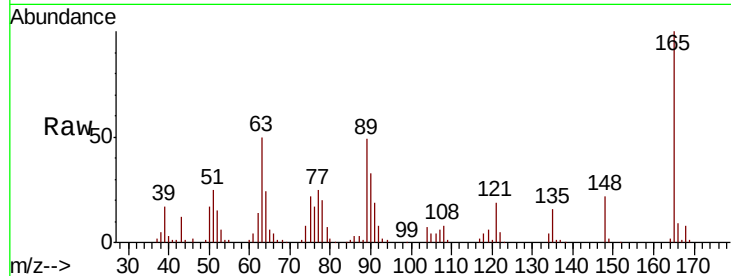
#51
2,6-Dinitrotoluene
Concen: 38.840 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114904BS

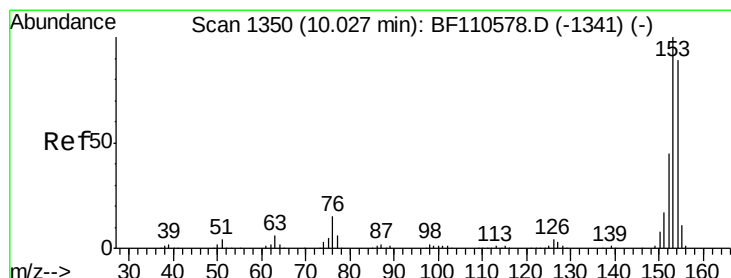
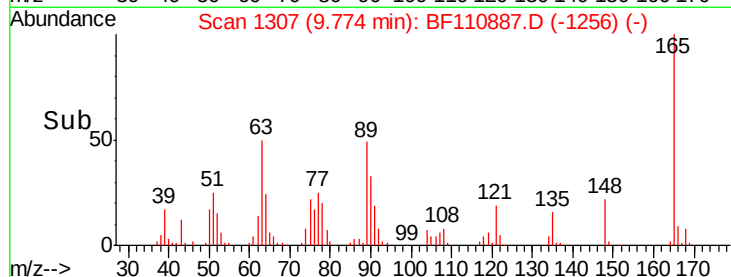
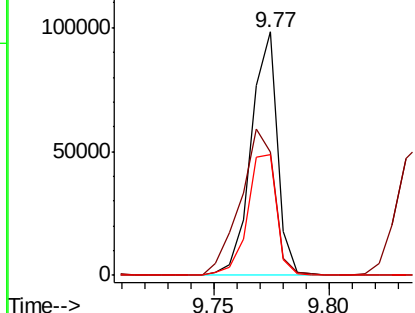
Tot Ion	Ratio	Resp	Lower	Upper
165	100	78523		
63	50.5	48.9	73.3	
89	49.3	46.6	69.8	

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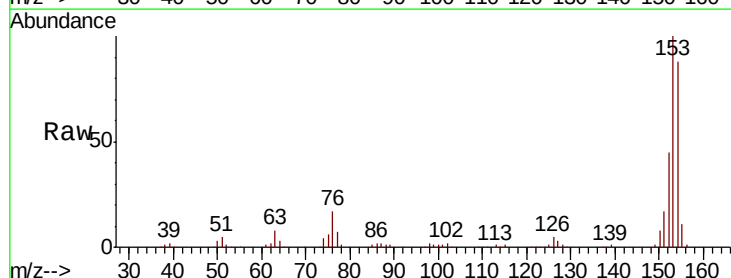


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

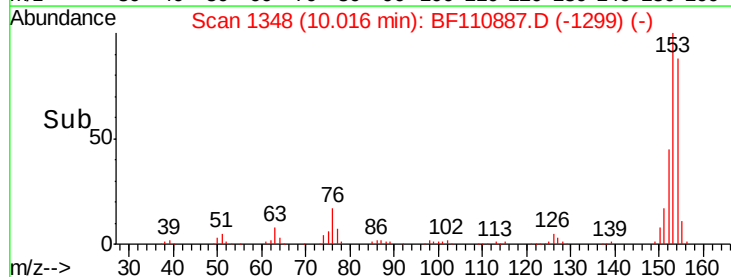
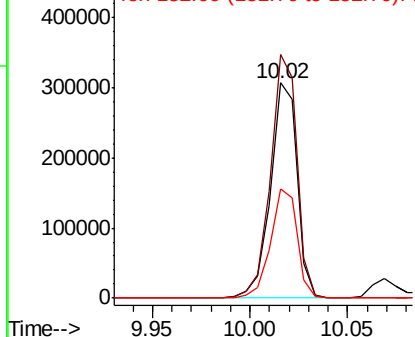


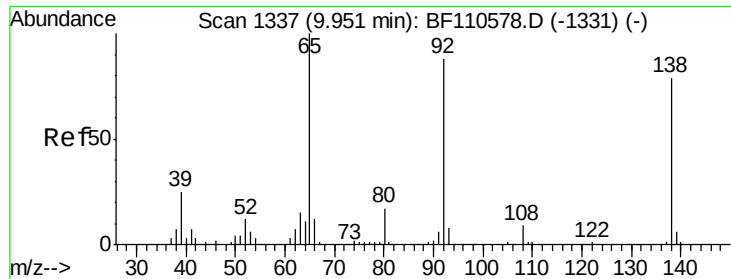
#52
Acenaphthene
Concen: 38.435 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	289551		
153	113.2	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





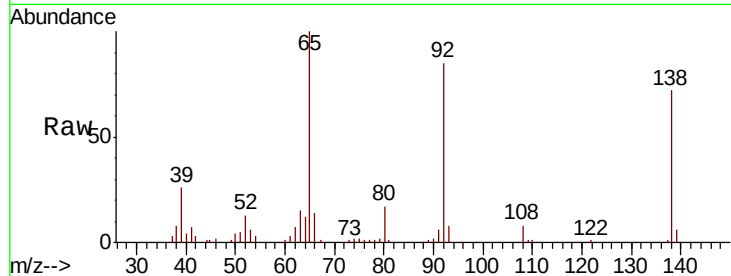
#53
3-Nitroaniline
Concen: 26.376 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114904BS

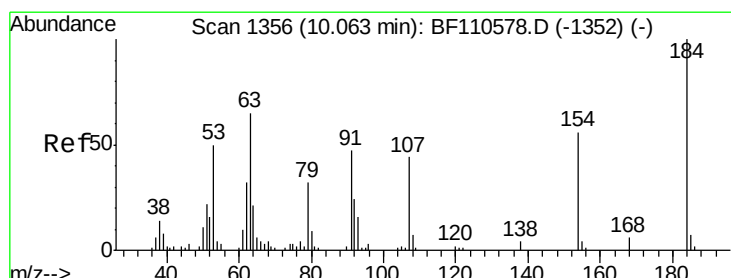
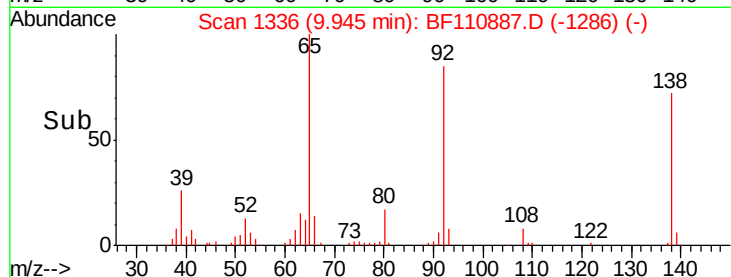
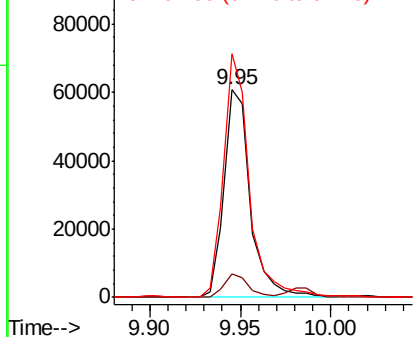
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.7	13.1
92	117.3	97.0	145.4

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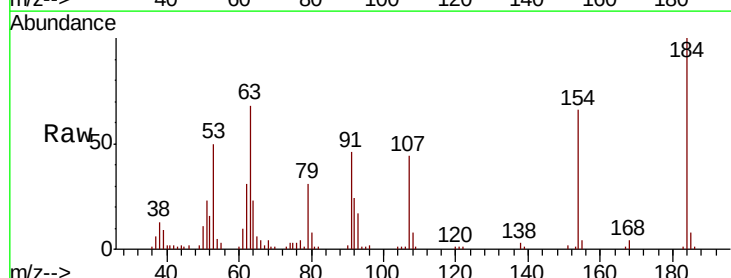


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

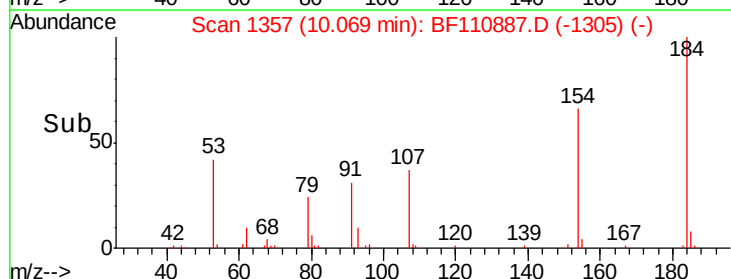
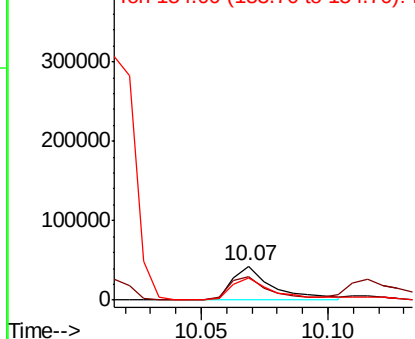


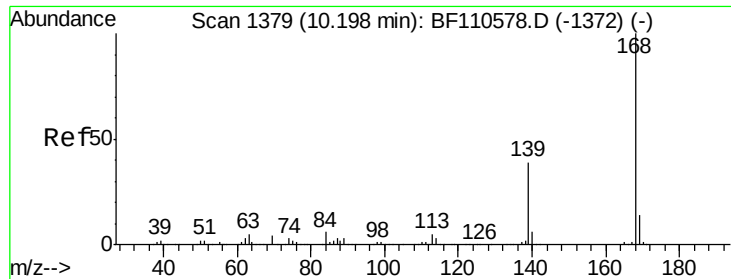
#54
2,4-Dinitrophenol
Concen: 59.318 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.1	55.8	83.6
154	66.2	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





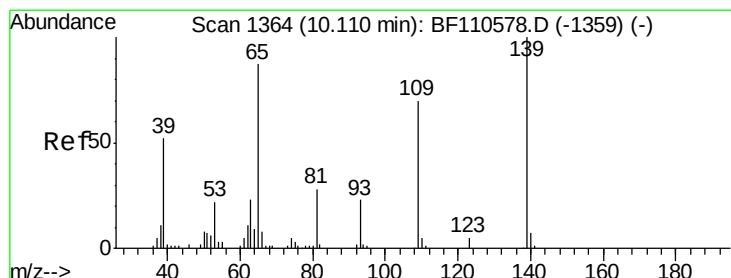
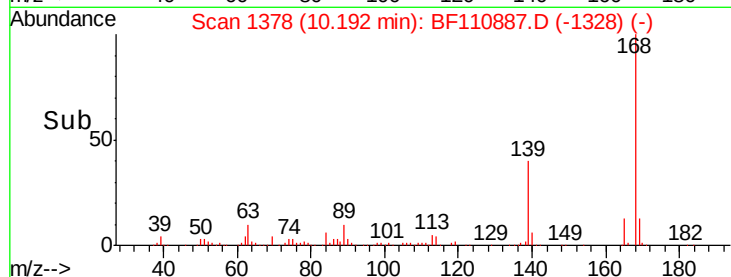
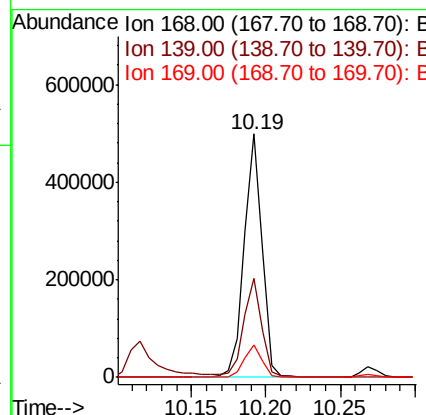
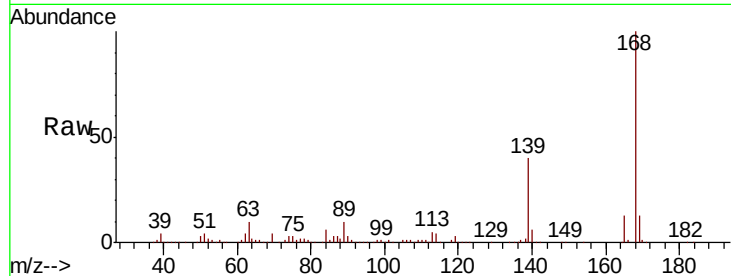
#55
Dibenzofuran
Concen: 37.908 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114904BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.5	33.0	49.6
169	13.1	11.3	16.9

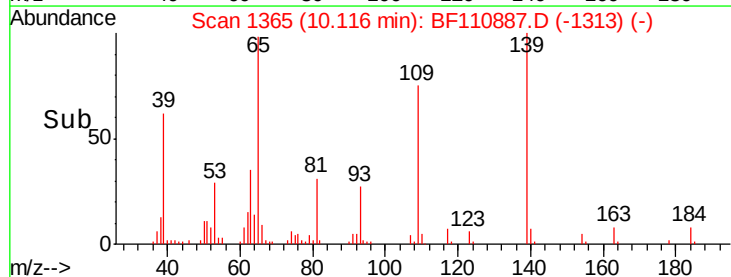
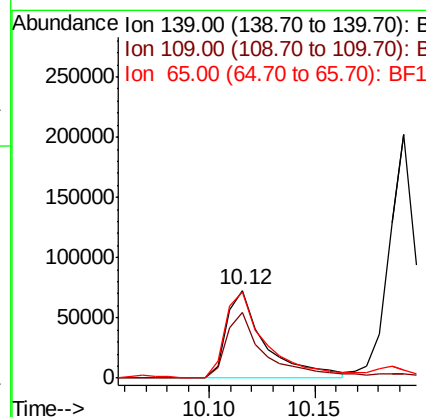
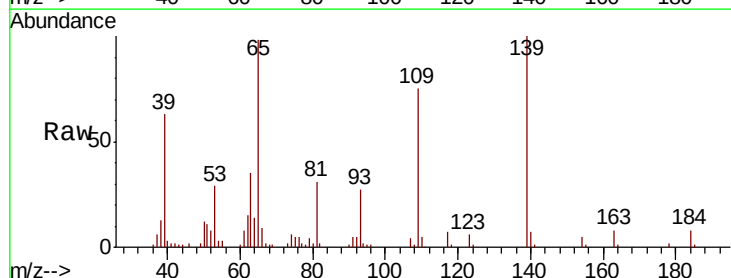
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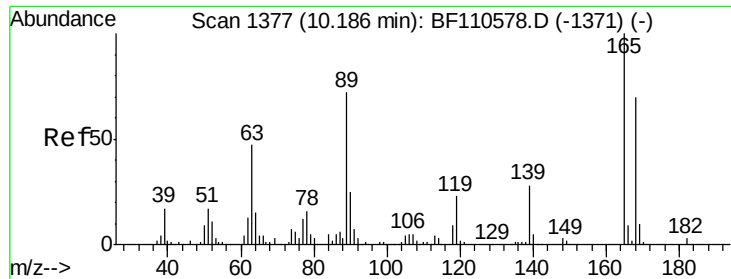
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#56
4-Nitrophenol
Concen: 59.596 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.1	55.8	95.8
65	98.2	77.9	117.9





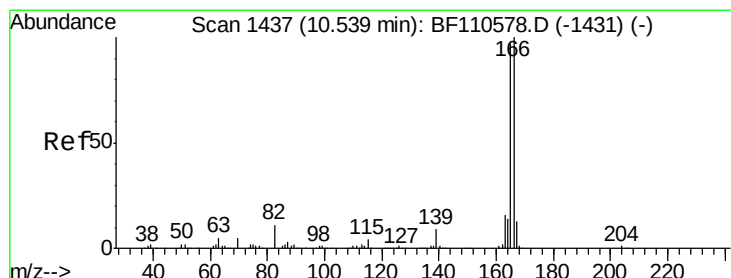
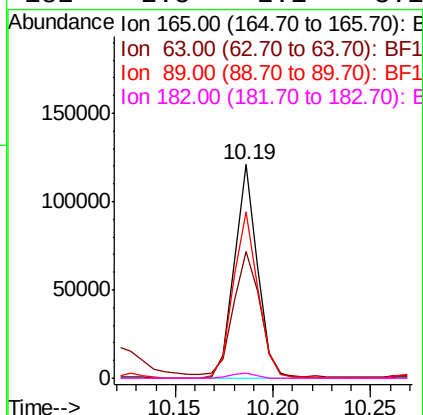
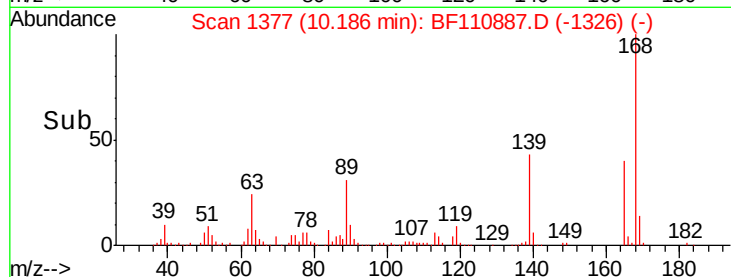
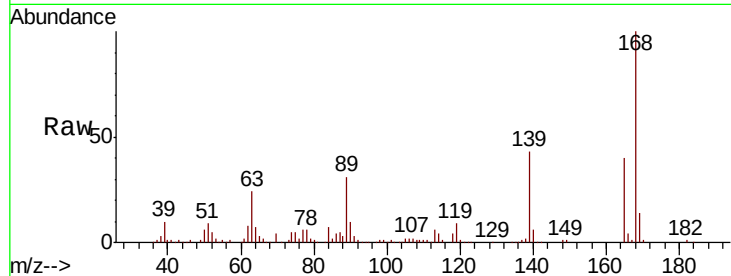
#57
2,4-Dinitrotoluene
Concen: 38.043 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114904BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		100002		
63	59.6	44.8	67.2		
89	77.8	62.2	93.4		
182	2.5	2.1	3.1		

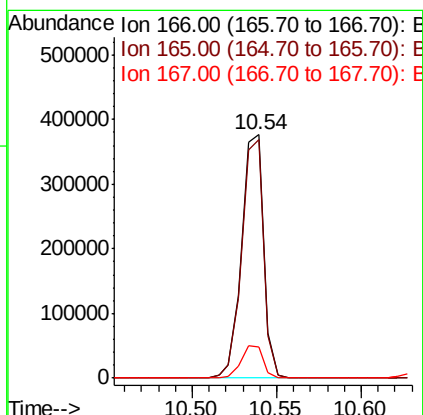
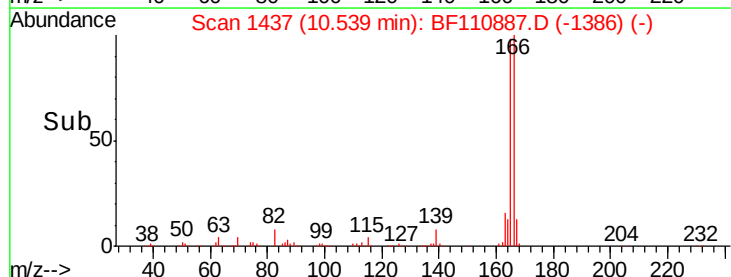
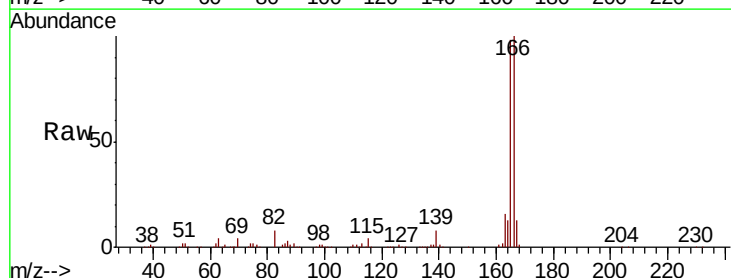
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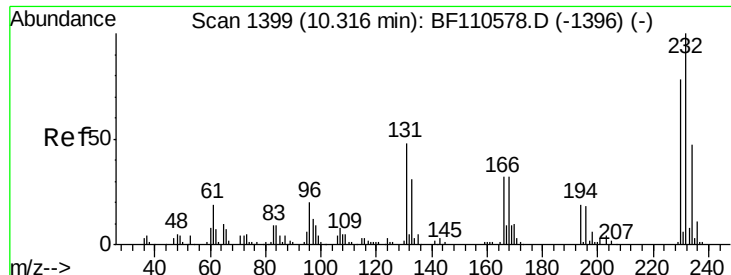
Sohil
11/21/2018 3:17:45 PM



#58
Fluorene
Concen: 40.580 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		343554		
165	98.0	78.6	117.8		
167	13.0	10.8	16.2		





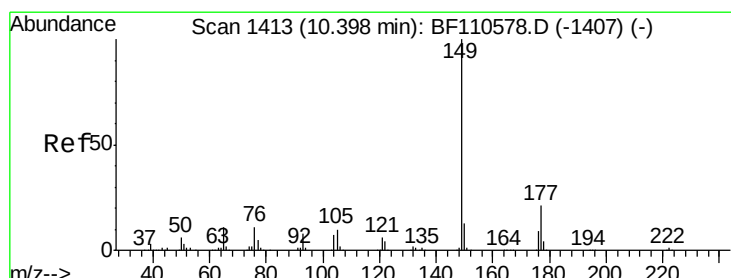
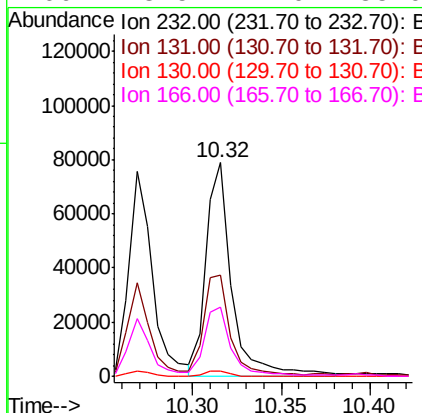
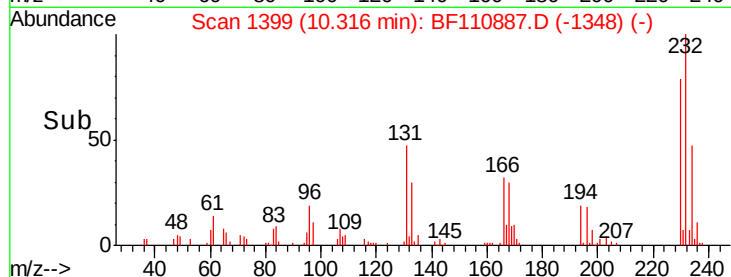
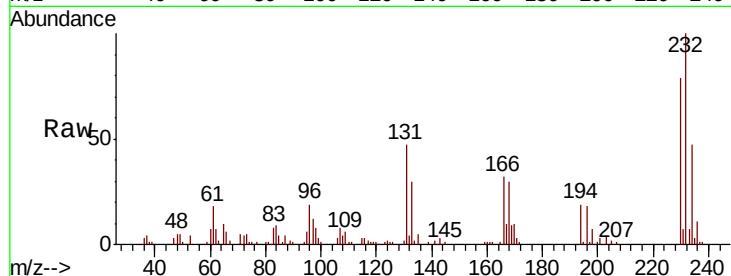
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.379 ng/ml
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF110887.D
 Acq: 20 Nov 2018 11:32

Instrument :
 BNA_F
 ClientSampleID :
 PB114904BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		80958		
131	37.7	37.0	55.4		
130	2.1	1.8	2.6		
166	23.5	22.0	33.0		

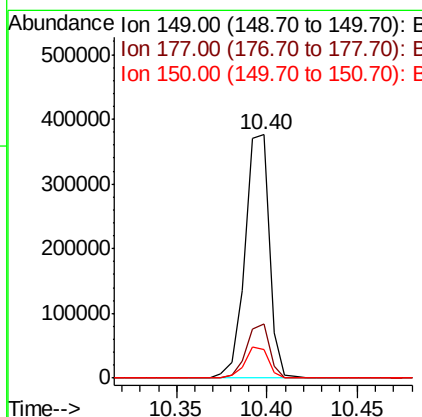
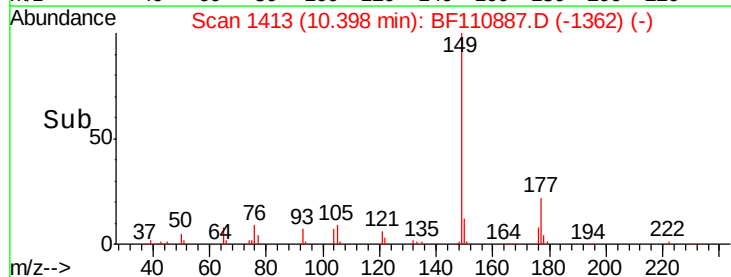
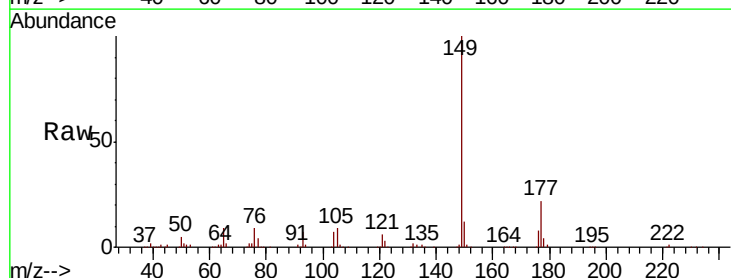
Manual Integrations
 APPROVED

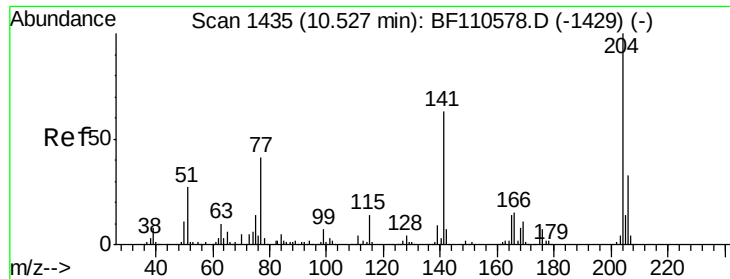
Sohil
 11/21/2018 3:17:45 PM



#60
 Diethylphthalate
 Concen: 38.605 ng/ml
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF110887.D
 Acq: 20 Nov 2018 11:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		351009		
177	22.2	17.4	26.2		
150	11.8	9.8	14.8		





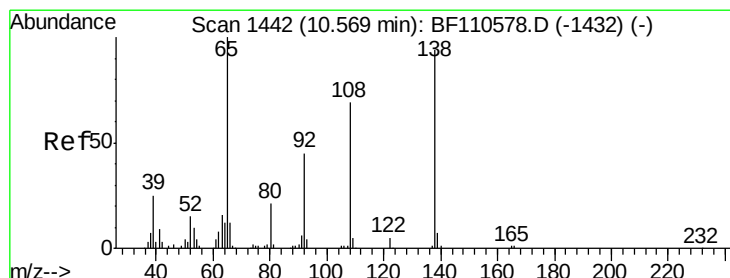
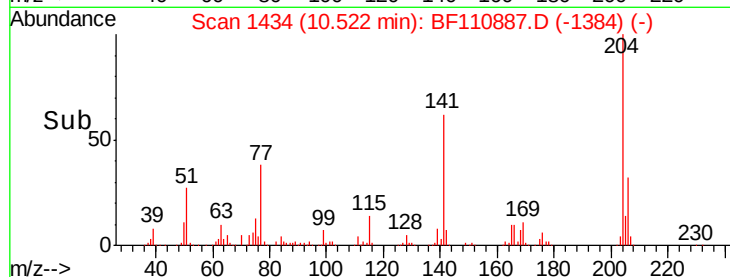
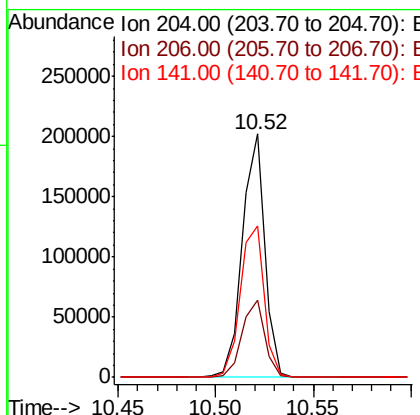
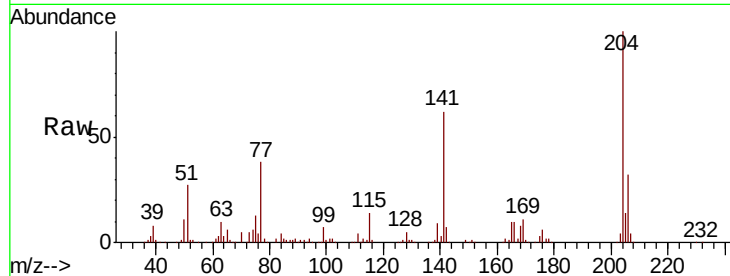
#61
4-Chlorophenyl-phenylether
Concen: 36.889 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Instrument :
BNA_F
ClientSampled :
PB114904BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.5	39.7
141	62.2	51.8	77.8

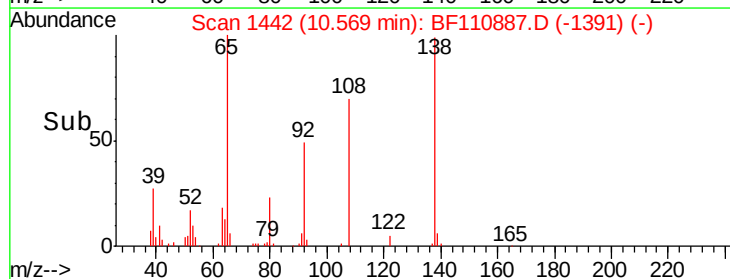
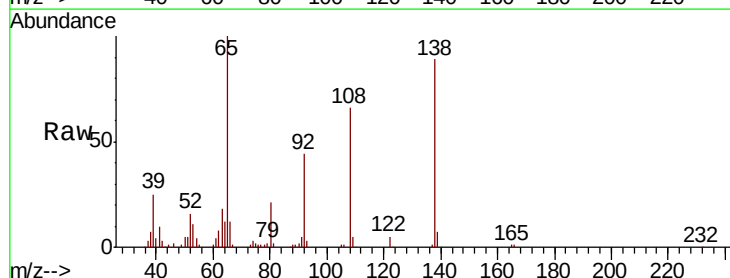
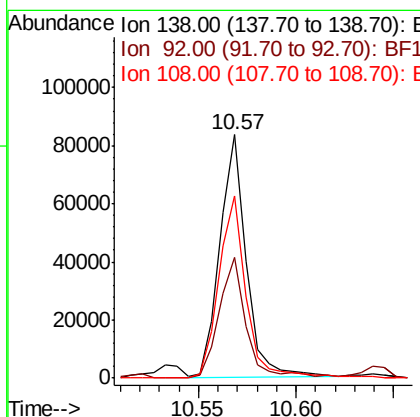
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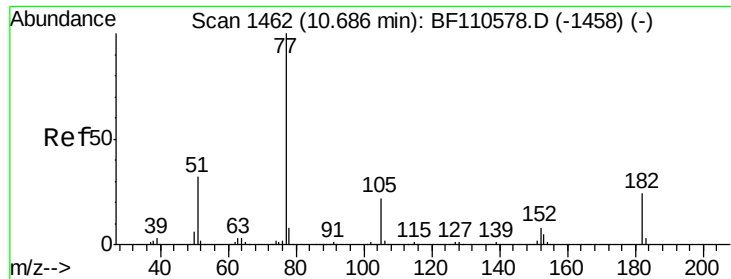
Sohil
11/21/2018 3:17:45 PM



#62
4-Nitroaniline
Concen: 32.993 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.4	31.7	71.7
108	74.8	59.3	99.3





#63

Azobenzene

Concen: 37.810 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF110887.D

Acq: 20 Nov 2018 11:32

Instrument :

BNA_F

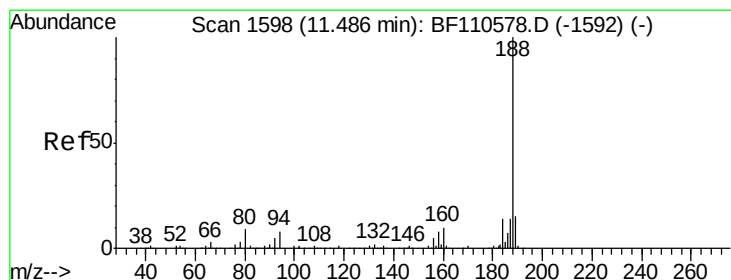
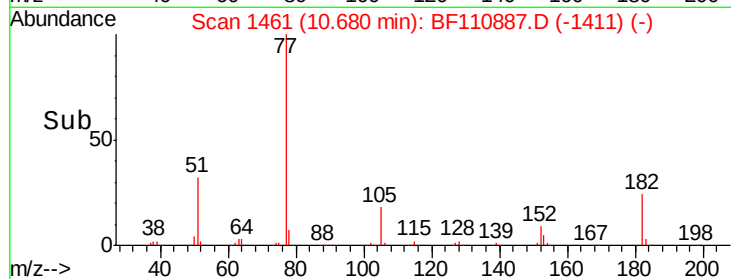
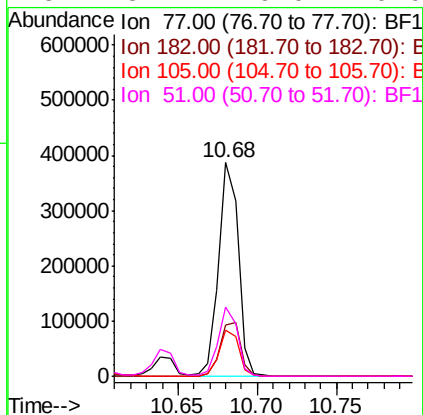
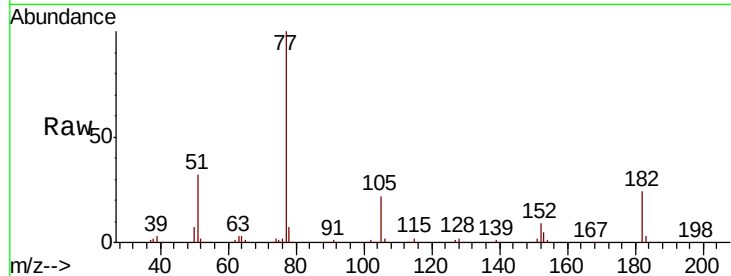
ClientSampleId :

PB114904BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		335401		
182	23.7	4.3	44.3		
105	21.6	1.3	41.3		
51	32.4	9.0	49.0		

Manual Integrations
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11/21/2018 3:17:45 PM



#64

Phenanthrene-d10

Concen: 20.000 ng

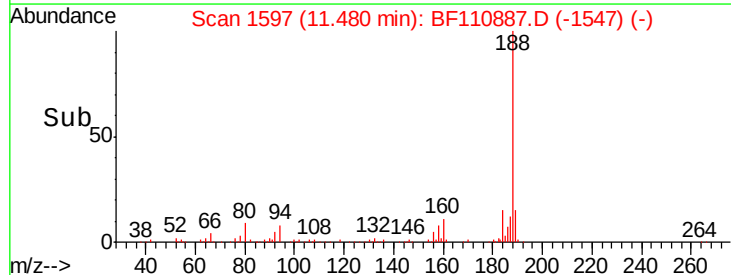
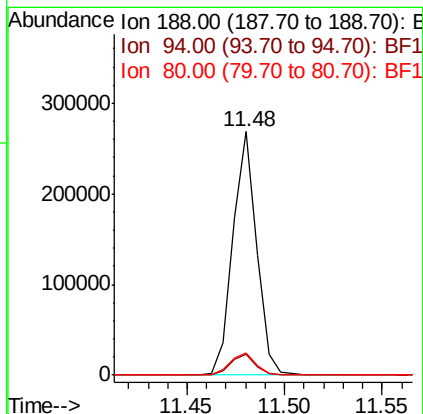
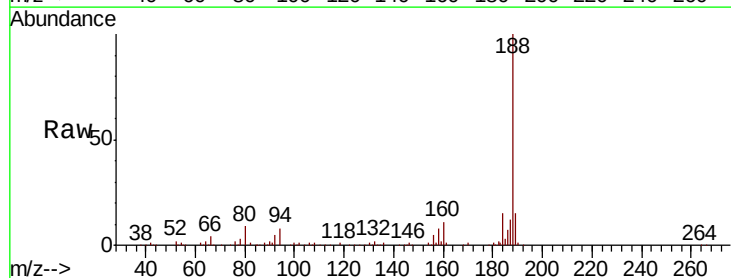
RT: 11.48 min Scan# 1597

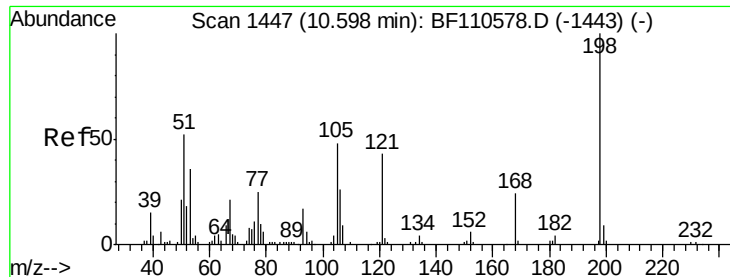
Delta R.T. -0.01 min

Lab File: BF110887.D

Acq: 20 Nov 2018 11:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		227416		
94	8.5	7.2	10.8		
80	9.2	7.9	11.9		





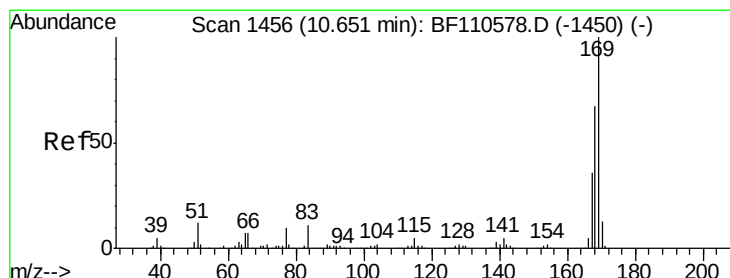
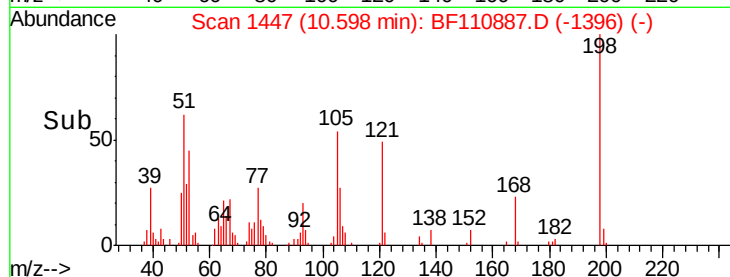
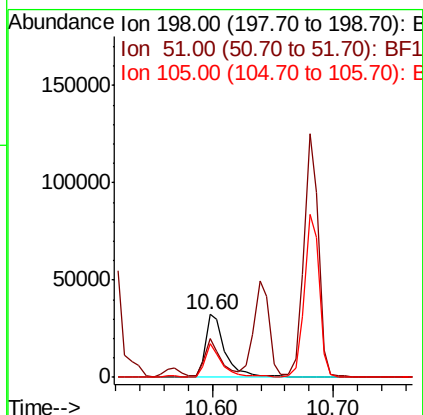
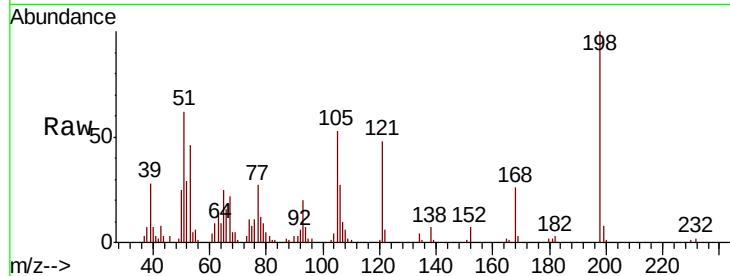
#65
4,6-Dinitro-2-methylphenol
Concen: 31.977 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114904BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	61.6	22.8	62.8
105	53.0	23.6	63.6

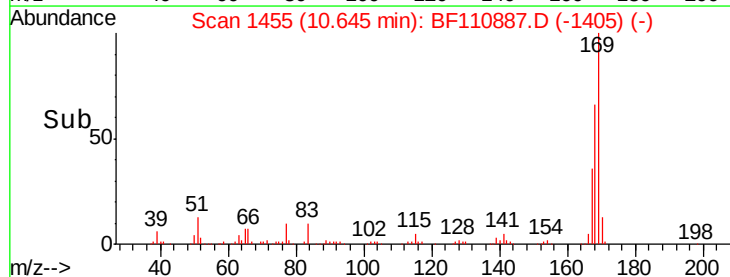
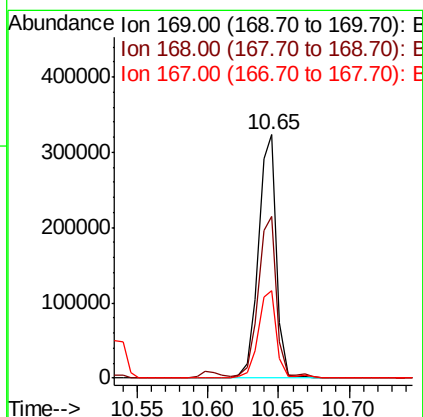
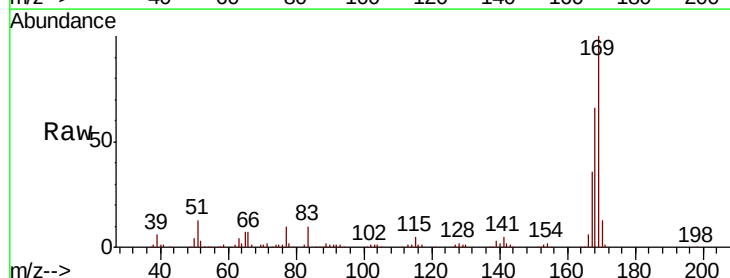
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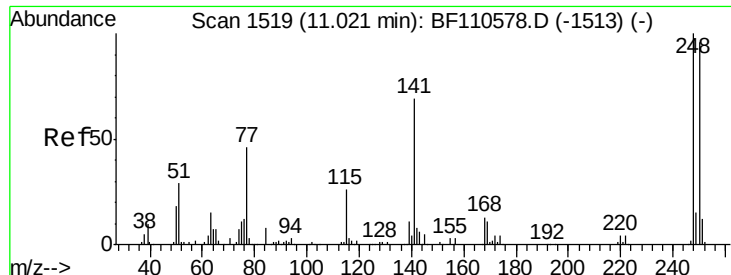
Sohil
11/21/2018 3:17:45 PM



#66
n-Nitrosodiphenylamine
Concen: 38.192 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.5	51.2	76.8
167	36.0	27.8	41.6





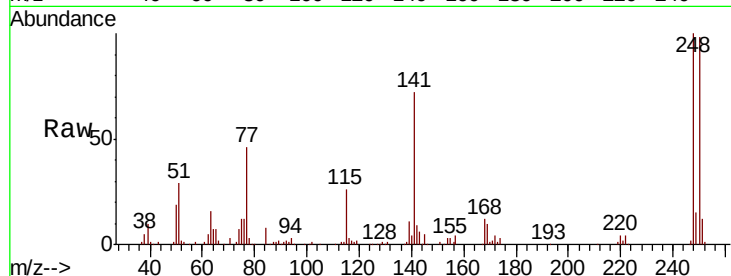
#67
4-Bromophenyl-phenylether
Concen: 37.143 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Instrument :
BNA_F
ClientSampled :
PB114904BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	79.4	119.2
141	72.4	55.9	83.9

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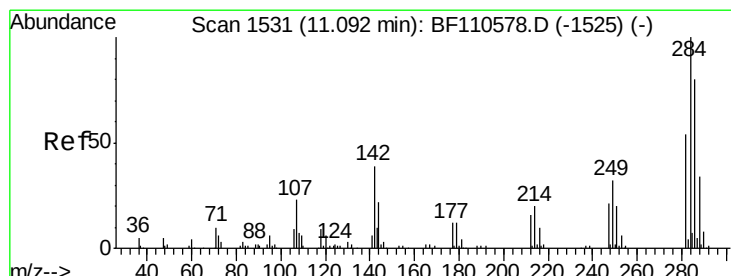
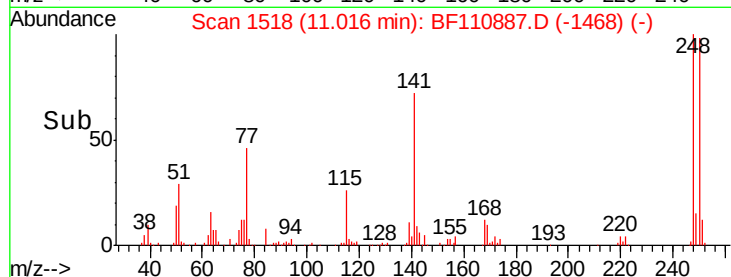
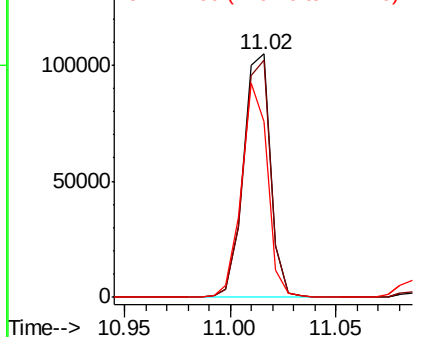


Abundance

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: 37.189 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

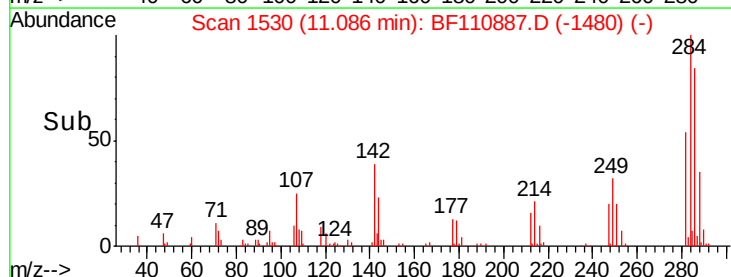
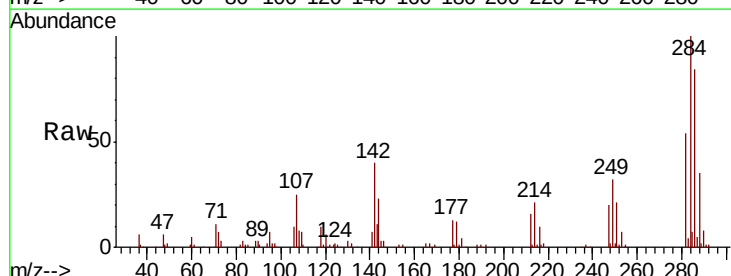
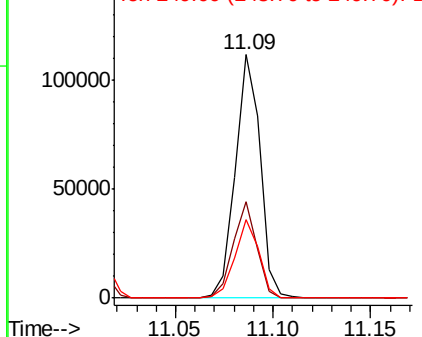
Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.8	23.9	35.9#
249	32.2	24.2	36.2

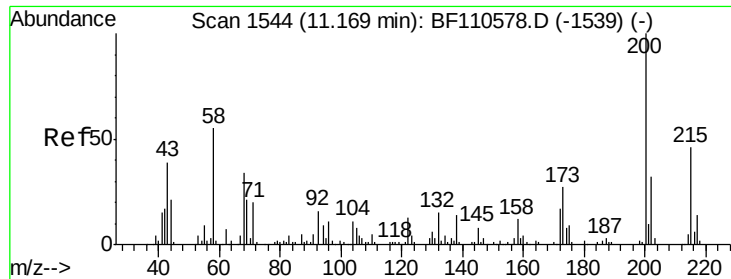
Abundance

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





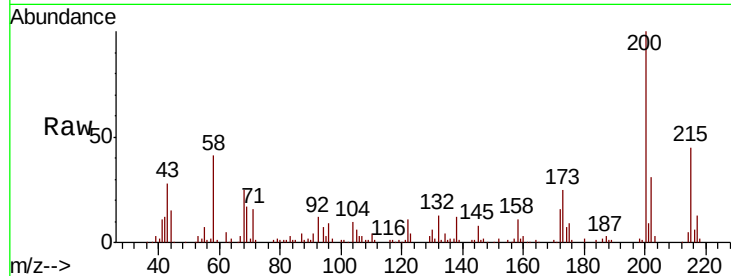
#69
Atrazine
Concen: 40.253 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Instrument :
BNA_F
ClientSampled :
PB114904BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.2	6.6	46.6
215	45.3	26.3	66.3

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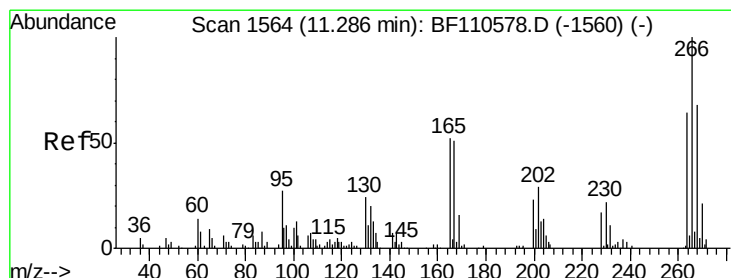
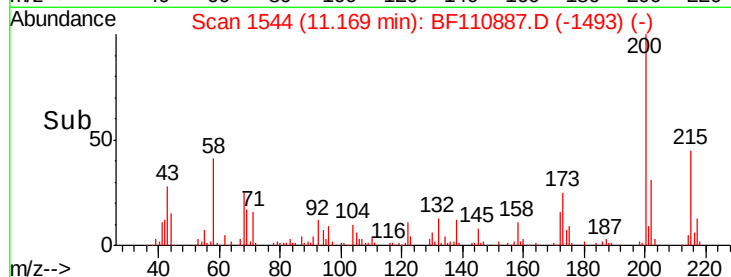
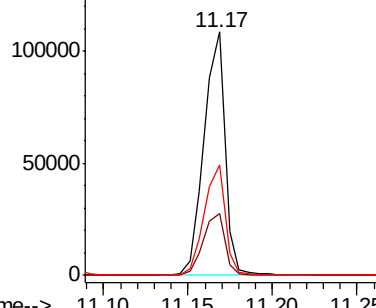


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 55.076 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

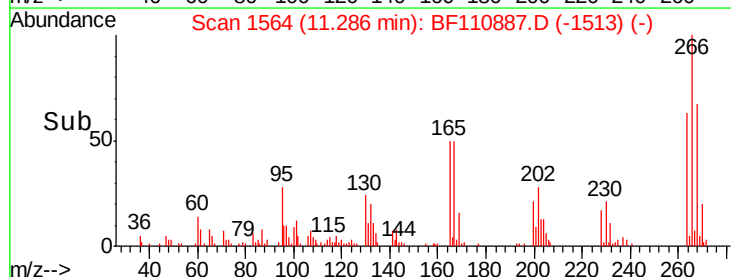
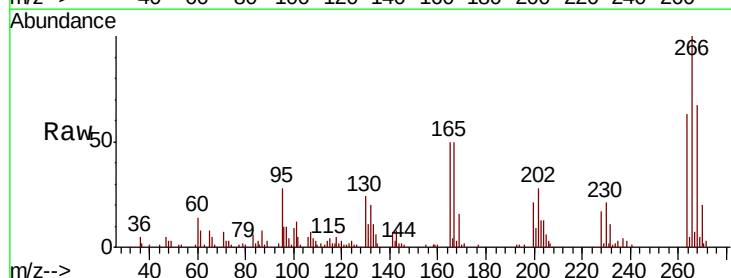
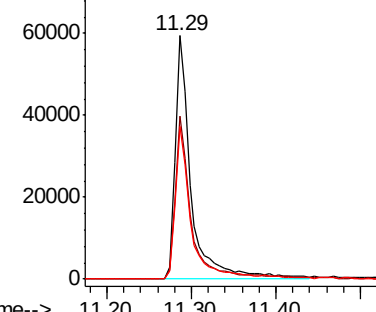
Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.1	50.6	75.8
264	62.7	50.6	75.8

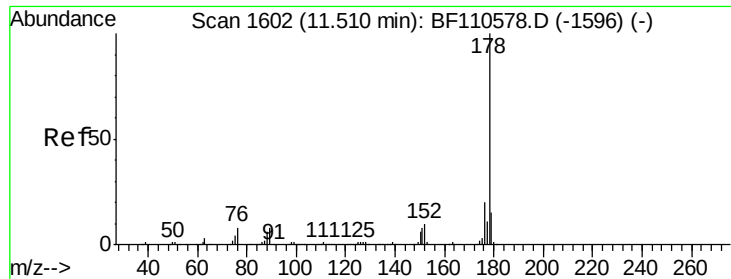
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





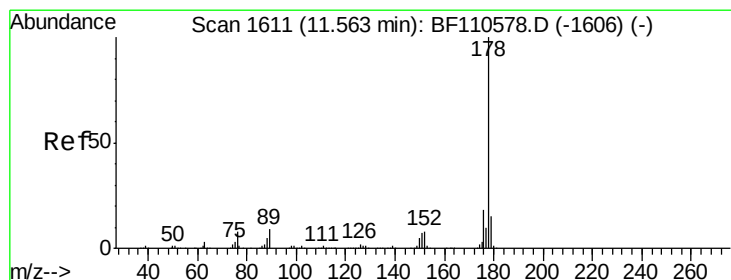
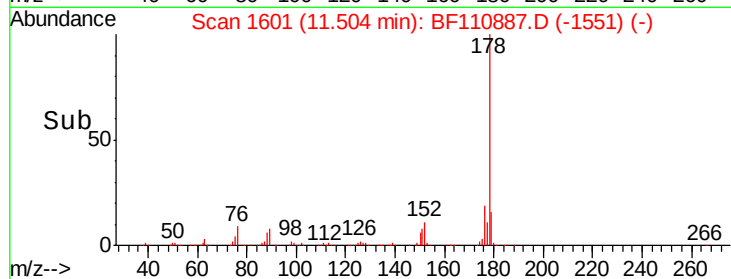
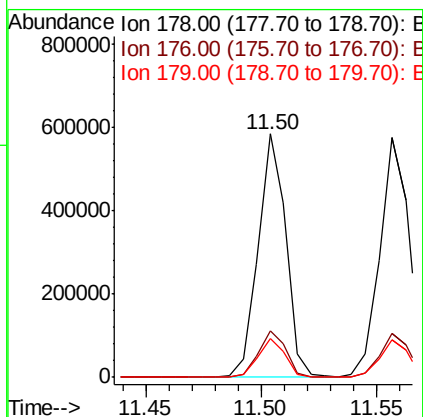
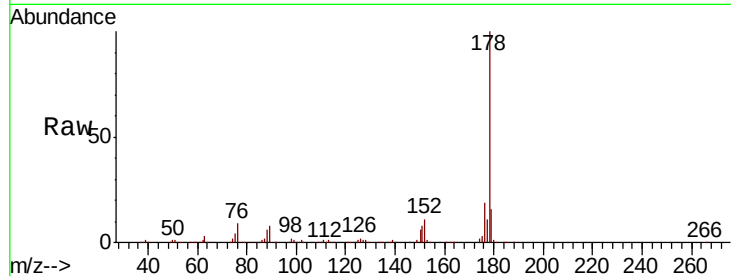
#71
Phenanthrene
Concen: 40.387 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114904BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.8	12.5	18.7

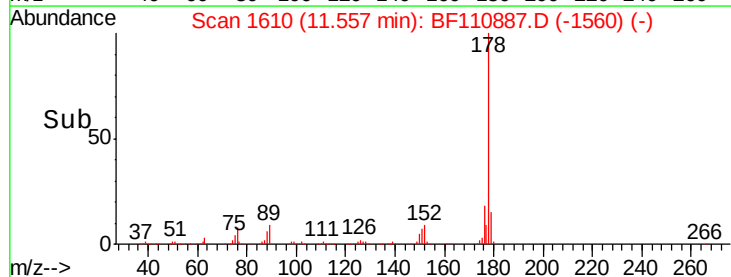
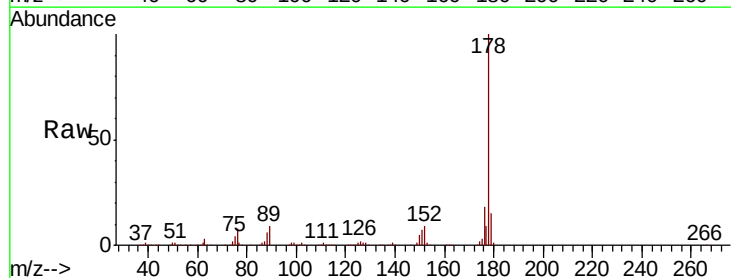
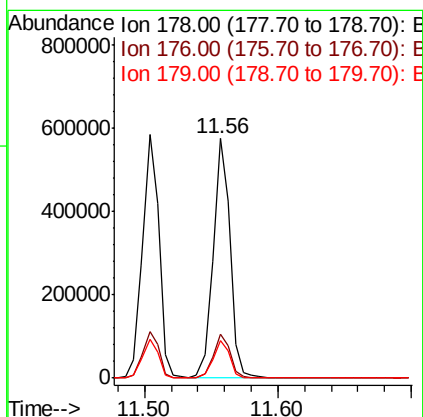
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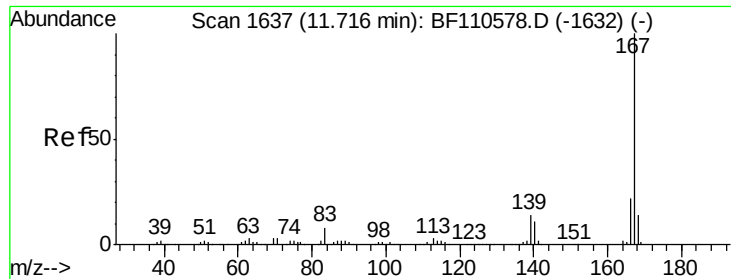
Sohil
11/21/2018 3:17:45 PM



#72
Anthracene
Concen: 41.911 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	15.4	12.6	18.8





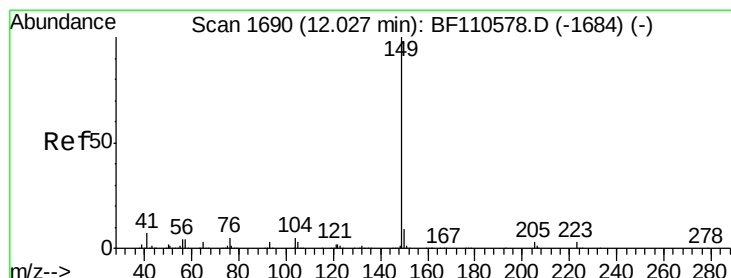
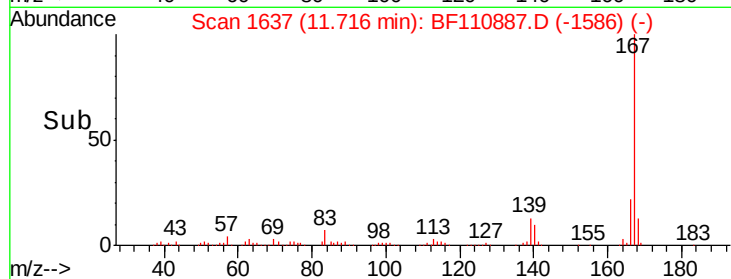
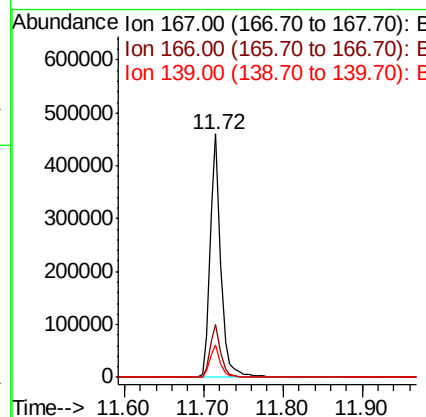
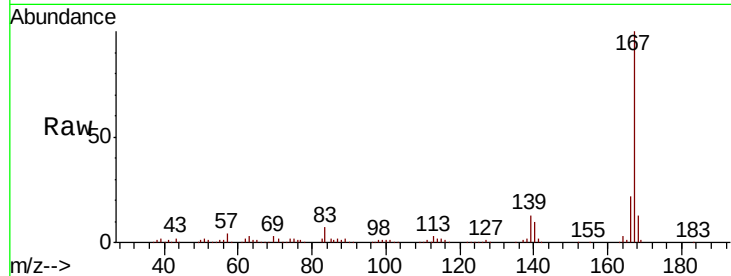
#73
 Carbazole
 Concen: 36.538 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF110887.D
 Acq: 20 Nov 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 PB114904BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.0
139	13.1	10.9	16.3

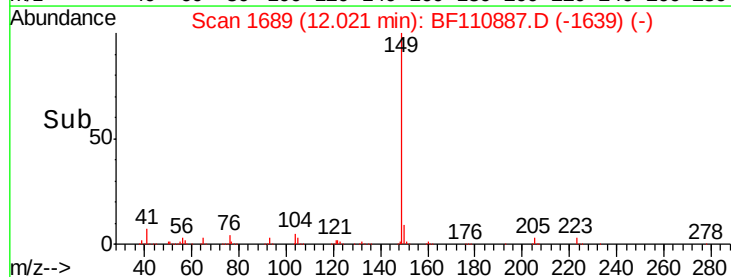
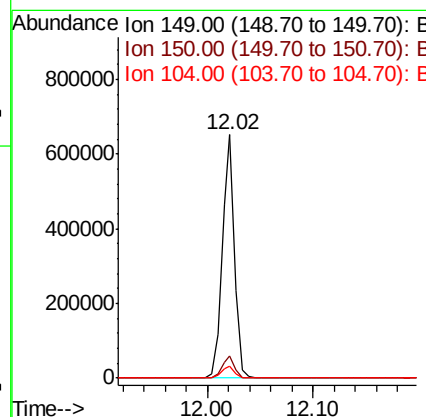
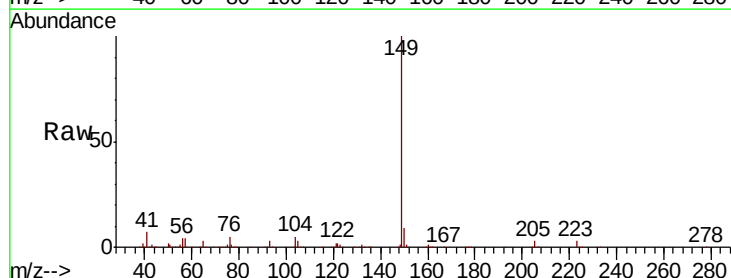
Manual Integrations
 APPROVED

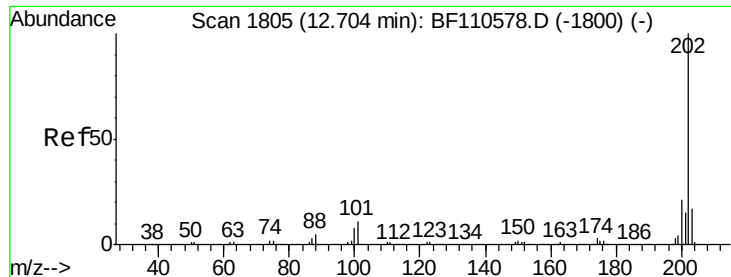
Sohil
 11/21/2018 3:17:45 PM



#74
 Di-n-butylphthalate
 Concen: 38.552 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF110887.D
 Acq: 20 Nov 2018 11:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.7	11.5
104	4.8	4.2	6.4





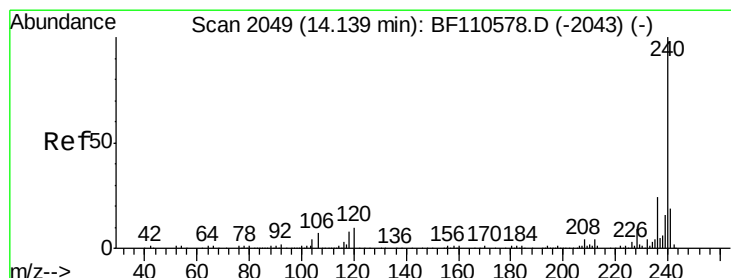
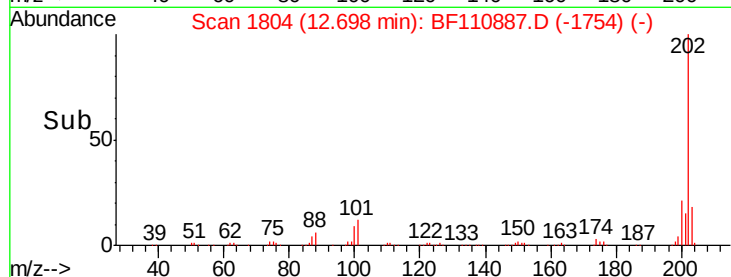
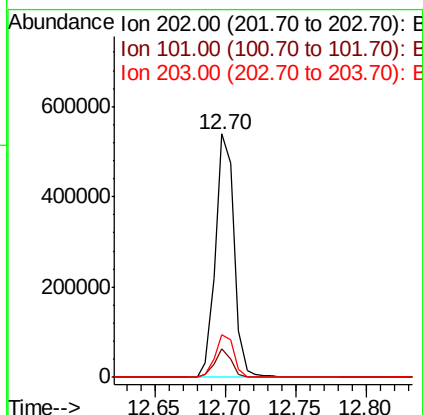
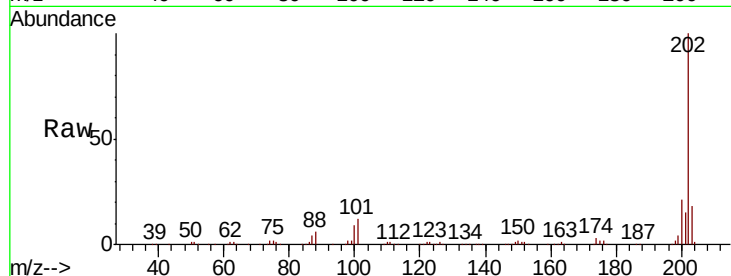
#75
 Fluoranthene
 Concen: 40.594 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BF110887.D
 Acq: 20 Nov 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 PB114904BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.6	0.0	31.4
203	17.6	0.0	37.7

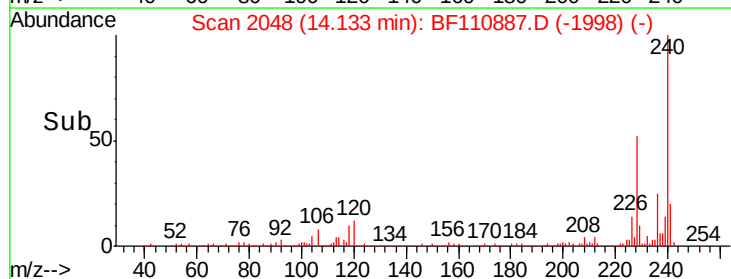
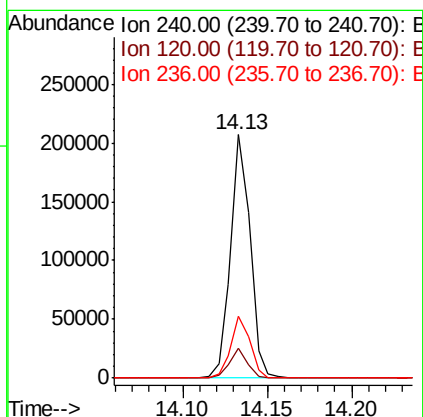
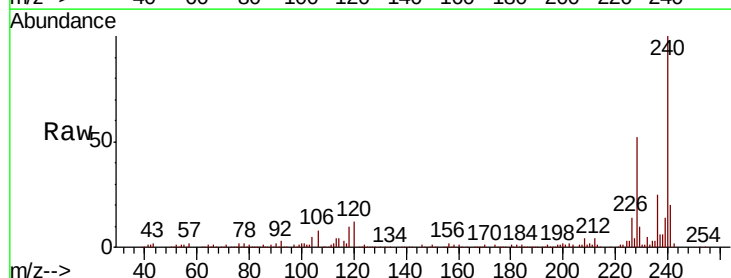
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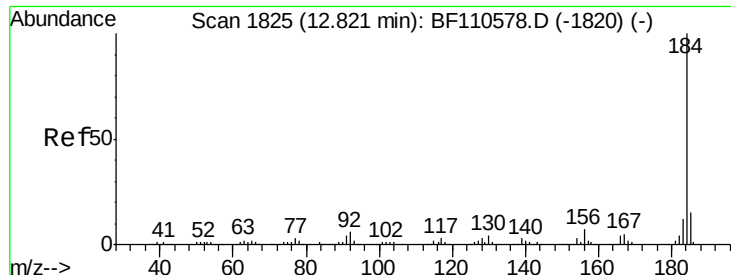
Sohil
 11/21/2018 3:17:45 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110887.D
 Acq: 20 Nov 2018 11:32

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.1	8.3	12.5
236	25.3	21.2	31.8





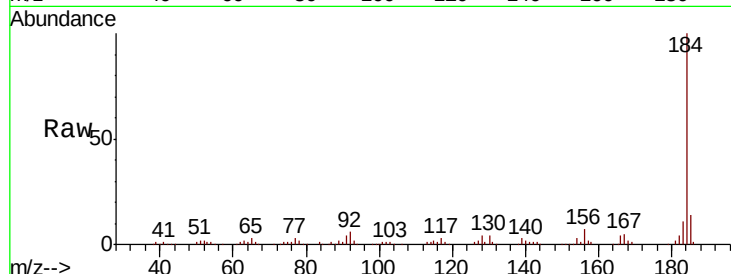
#77
Benzidine
Concen: 43.992 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114904BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	201028		
185	14.3		13.4	20.2
183	11.3		9.4	14.2

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11/21/2018 3:17:45 PM

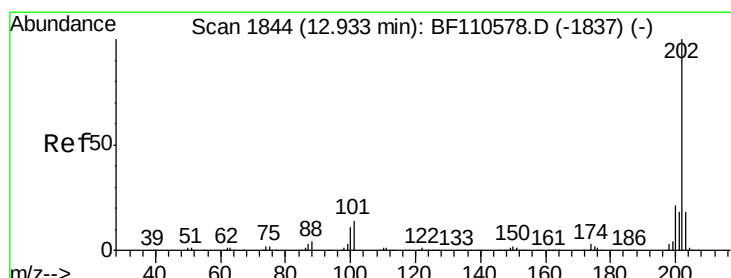
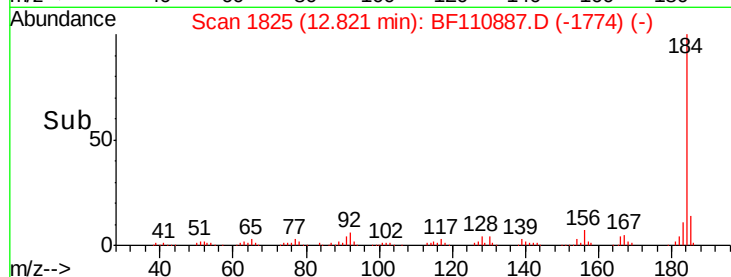
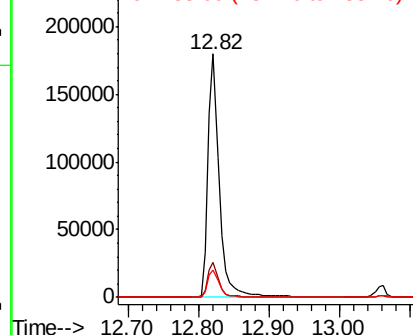


Abundance

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: 39.519 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

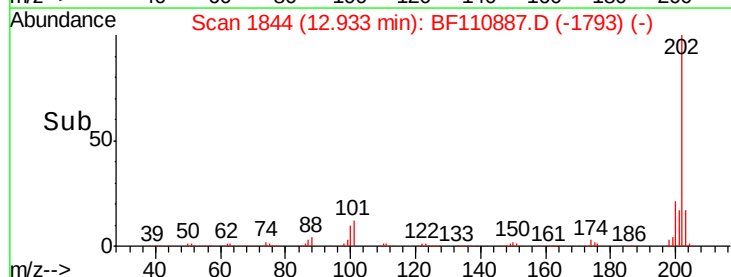
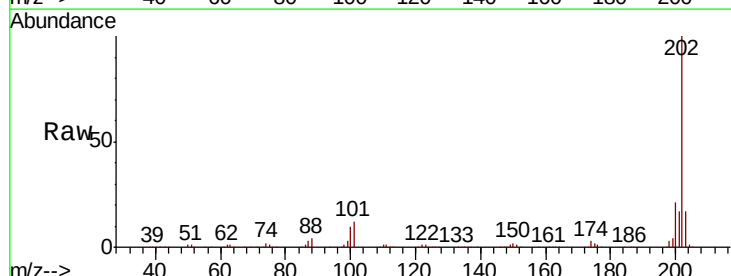
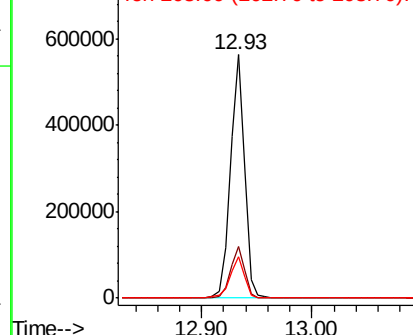
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	505626		
200	21.0		17.8	26.6
203	17.1		14.2	21.4

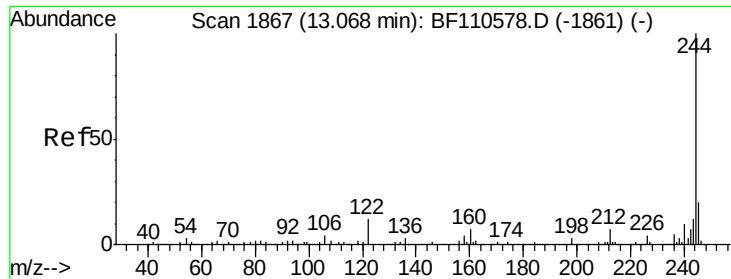
Abundance

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





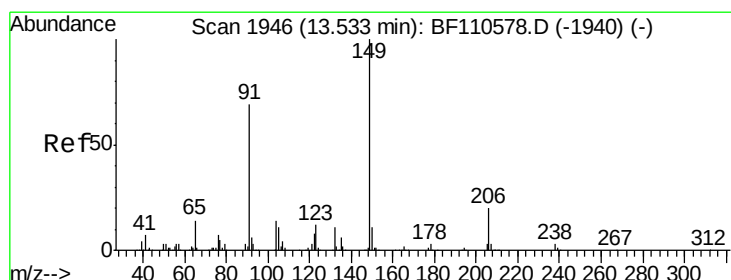
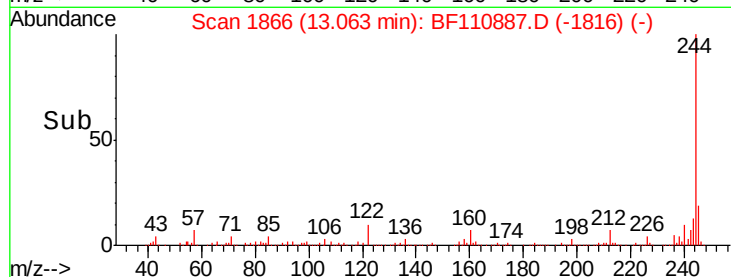
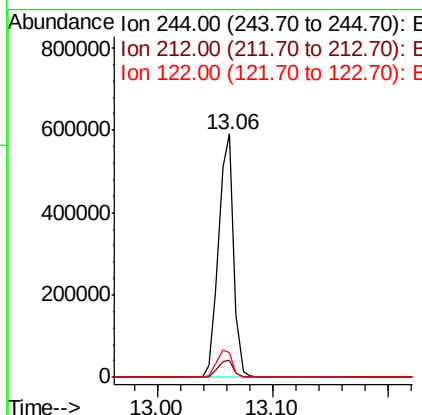
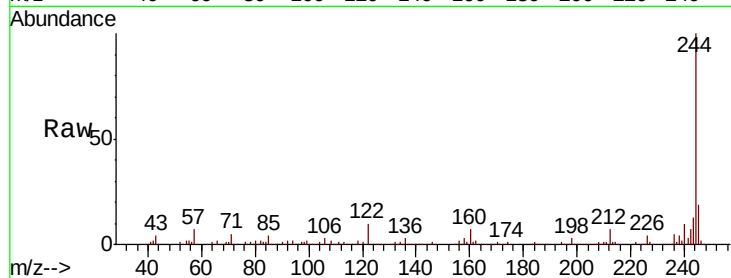
#79
 Terphenyl-d14
 Concen: 60.408 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110887.D
 Acq: 20 Nov 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 PB114904BS

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.1	5.8	8.8	
122	10.3	8.7	13.1	

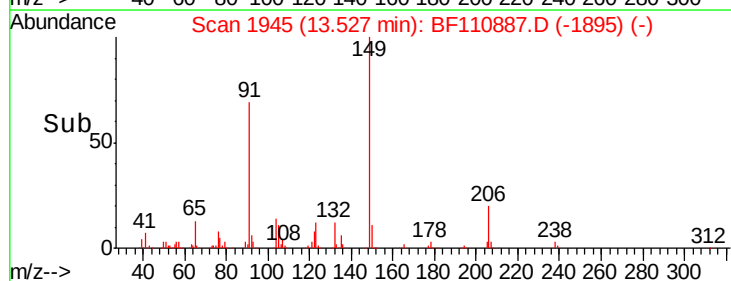
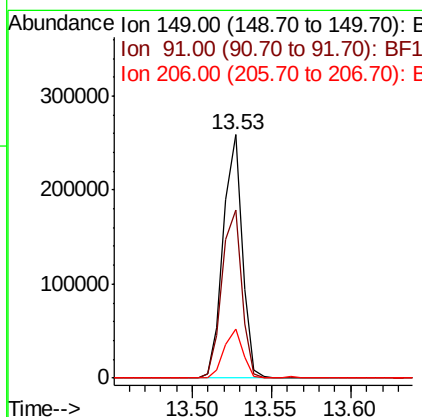
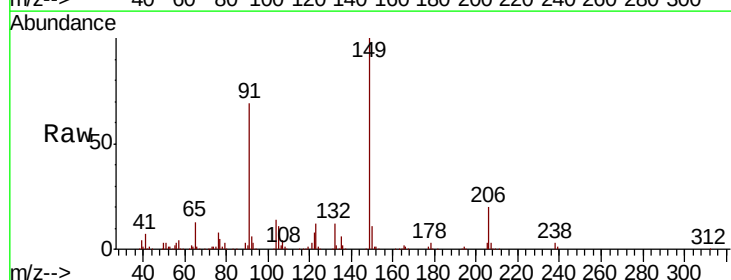
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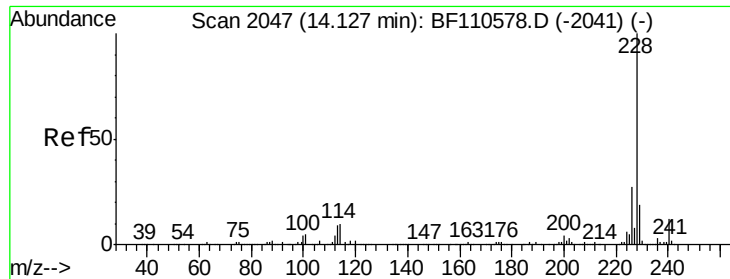
Sohil
 11/21/2018 3:17:45 PM



#80
 Butylbenzylphthalate
 Concen: 39.472 ng
 RT: 13.53 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BF110887.D
 Acq: 20 Nov 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	68.9	57.2	85.8	
206	20.3	15.7	23.5	





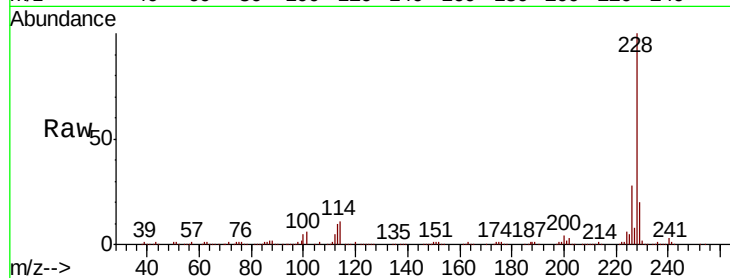
#81
Benzo(a)anthracene
Concen: 40.505 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114904BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.1	33.1
229	20.3	15.6	23.4

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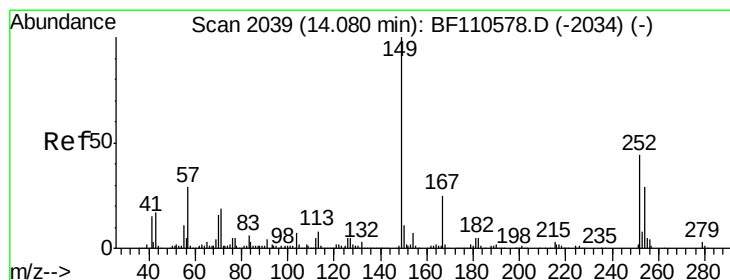
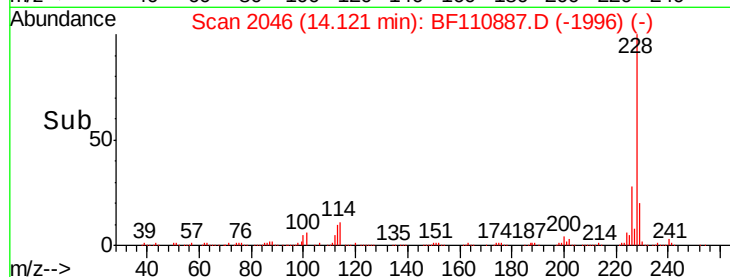
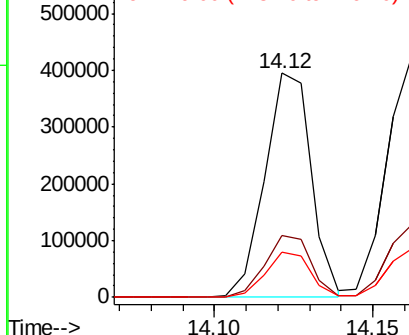


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 29.814 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

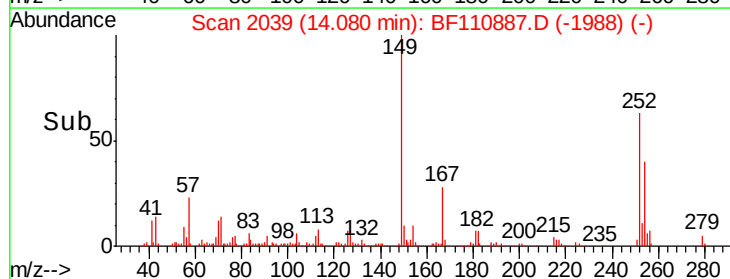
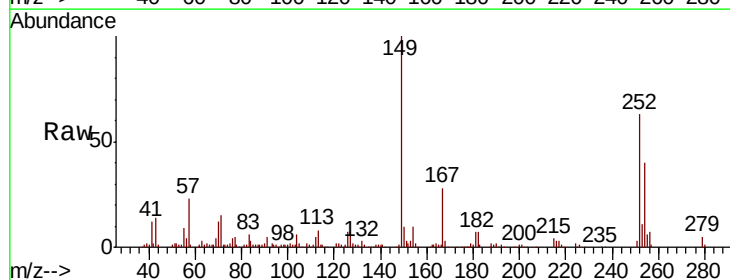
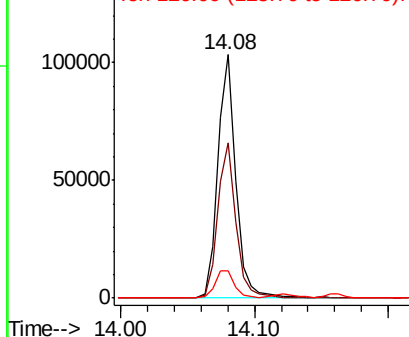
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.3	76.9
126	11.2	9.4	14.2

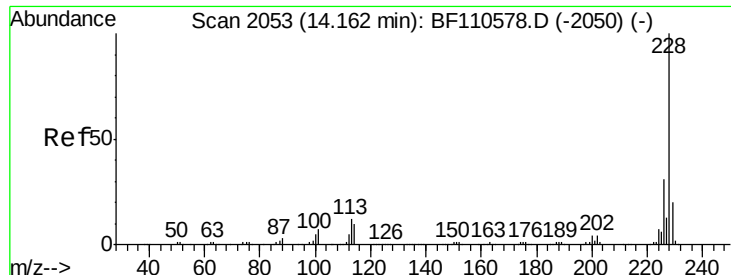
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





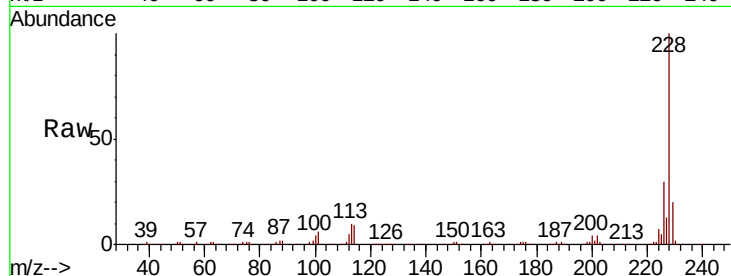
#83
 Chrysene
 Concen: 40.903 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. 0.00 min
 Lab File: BF110887.D
 Acq: 20 Nov 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 PB114904BS

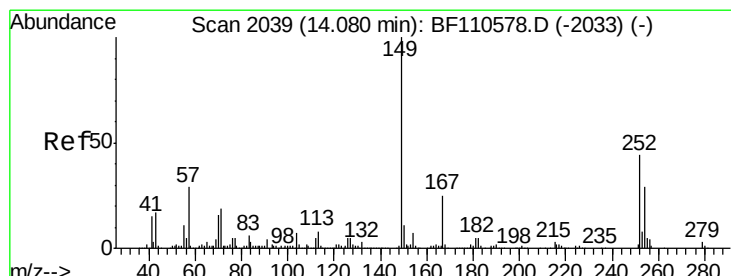
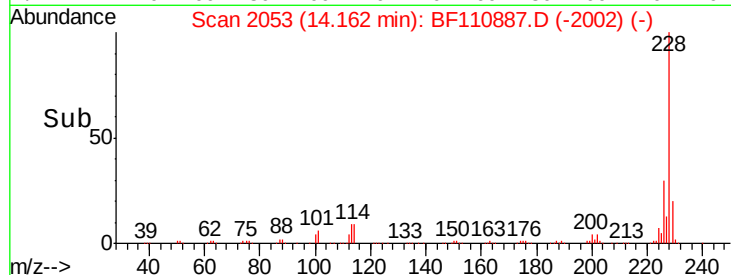
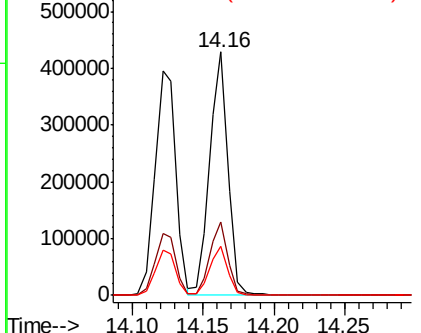
Tot Ion:	228	Resp:	387036
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.7	37.1
229	20.0	15.9	23.9

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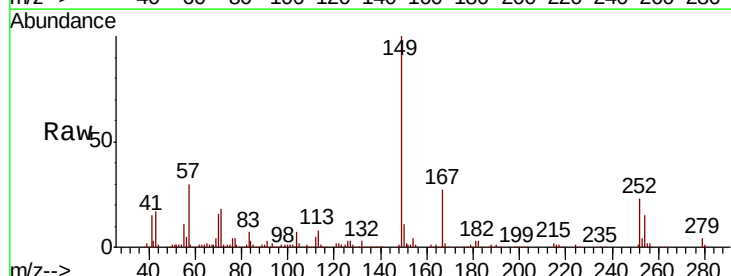


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

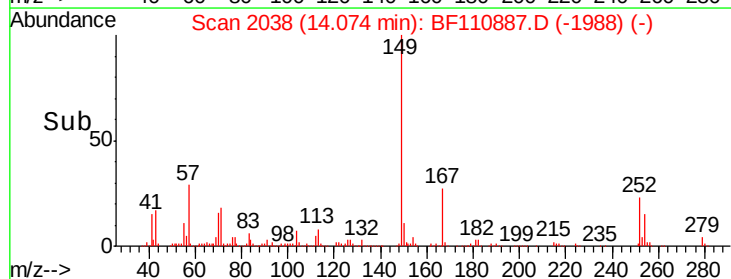
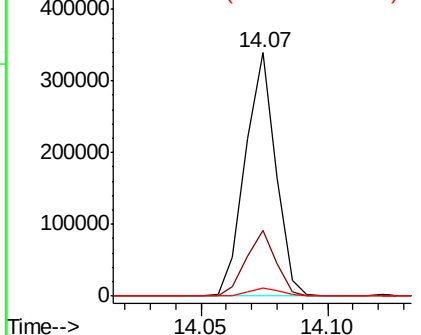


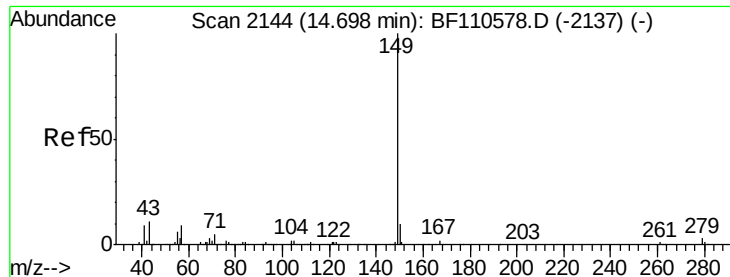
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.669 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF110887.D
 Acq: 20 Nov 2018 11:32

Tgt Ion:	149	Resp:	284663
Ion Ratio	Lower	Upper	
149	100		
167	27.2	19.8	29.8
279	3.6	2.7	4.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





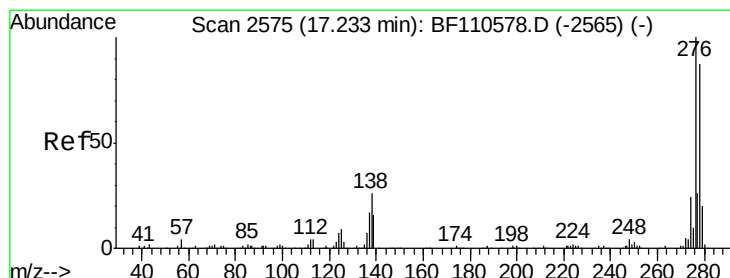
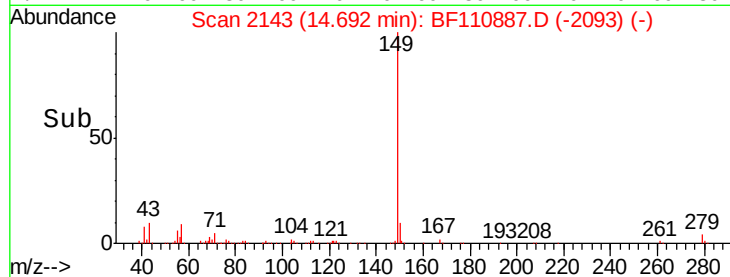
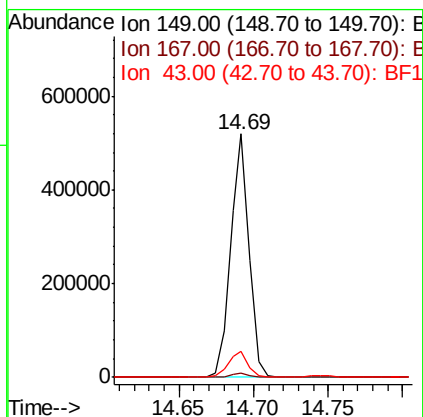
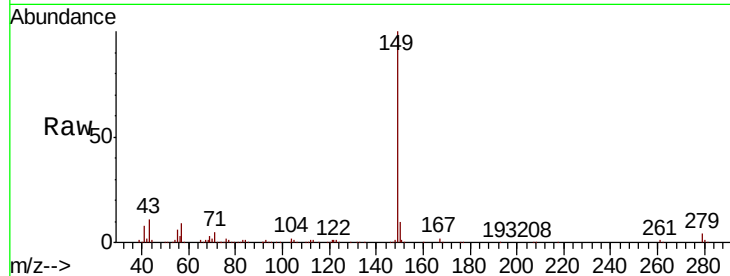
#85
Di-n-octyl phthalate
Concen: 44.883 ng
RT: 14.69 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114904BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	450893		
167	1.6		1.1	1.7
43	10.8		7.8	11.8

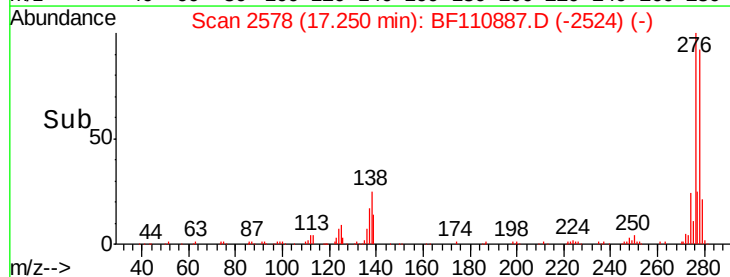
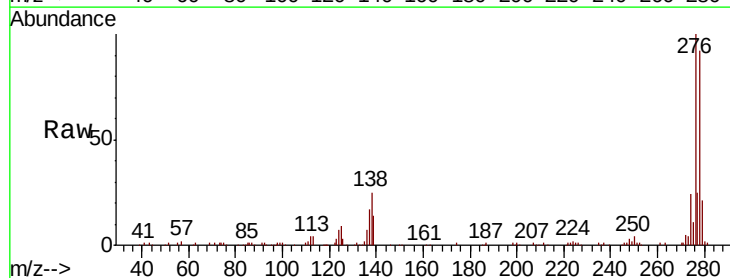
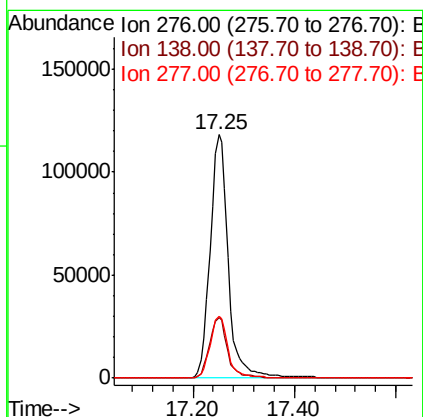
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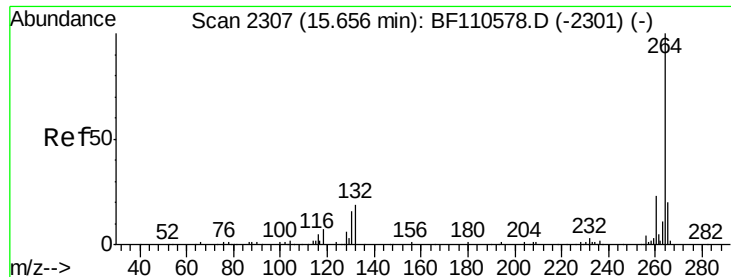
Sohil
11/21/2018 3:17:45 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.322 ng
RT: 17.25 min Scan# 2578
Delta R.T. 0.02 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	294162		
138	24.7		18.5	27.7
277	25.0		20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110887.D

Acq: 20 Nov 2018 11:32

Instrument :

BNA_F

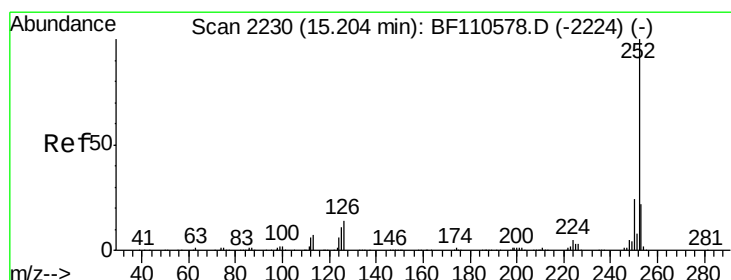
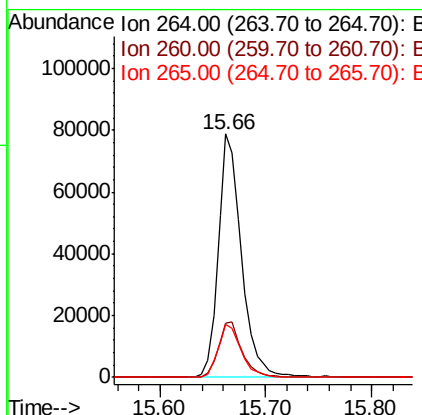
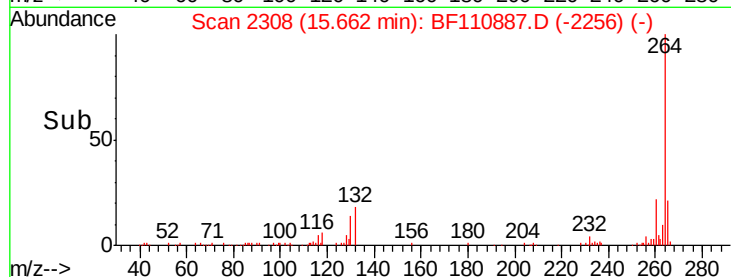
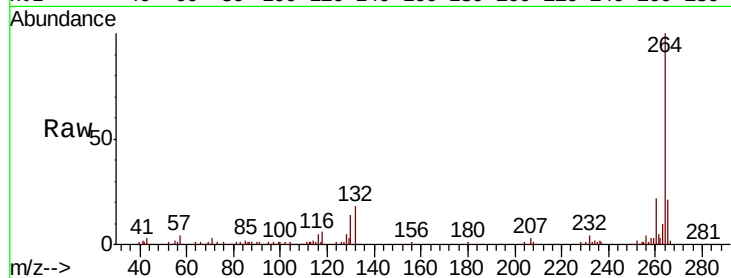
ClientSampleID :

PB114904BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.7	28.1
265	21.5	16.7	25.1

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11/21/2018 3:17:45 PM



#88

Benzo(b)fluoranthene

Concen: 41.057 ng

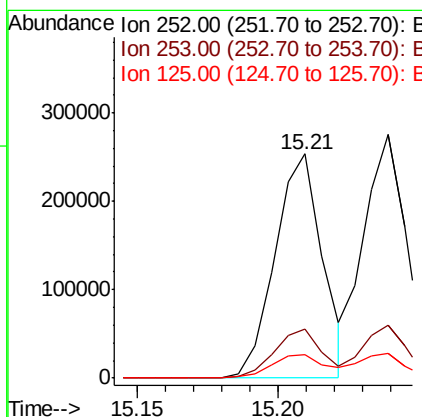
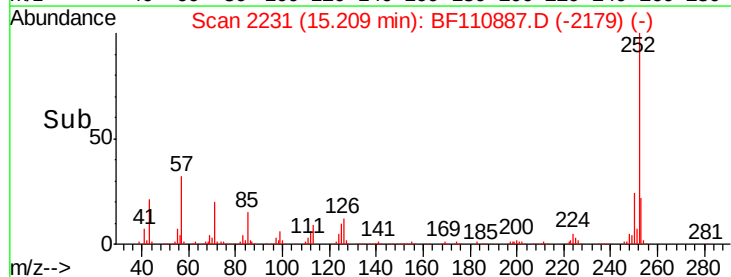
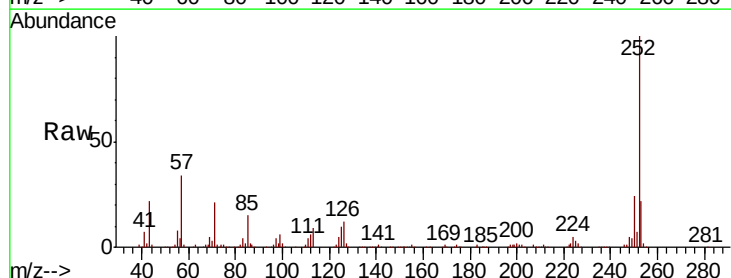
RT: 15.21 min Scan# 2231

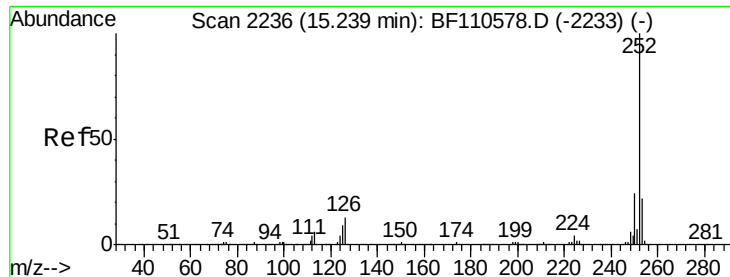
Delta R.T. 0.01 min

Lab File: BF110887.D

Acq: 20 Nov 2018 11:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	10.2	8.2	12.4





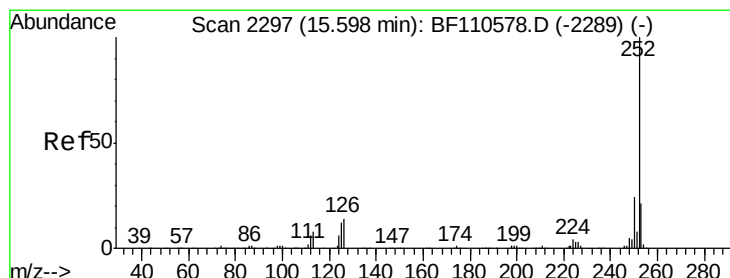
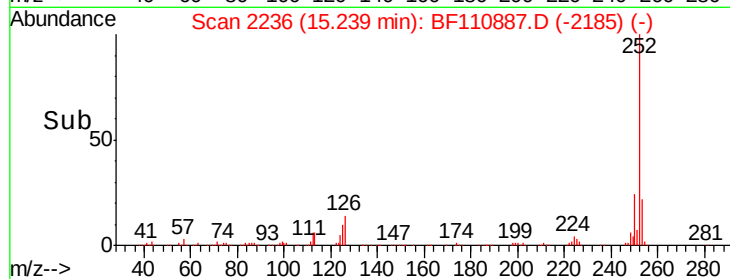
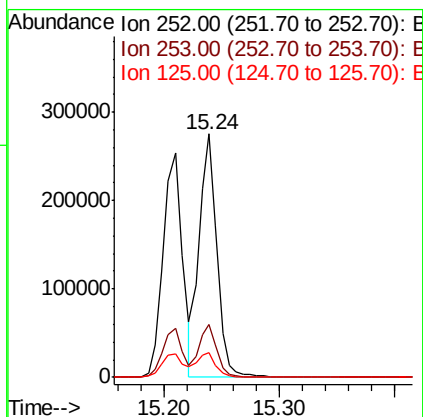
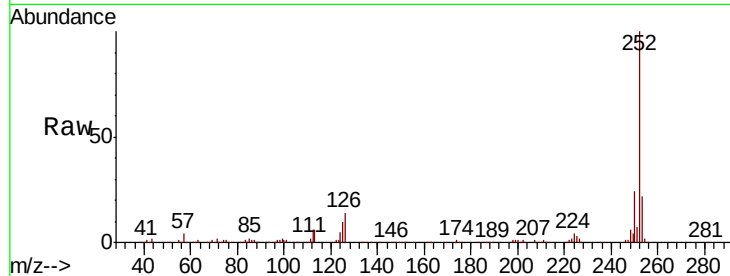
#89
Benzo(k)fluoranthene
Concen: 42.267 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114904BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	10.1	7.4	11.0

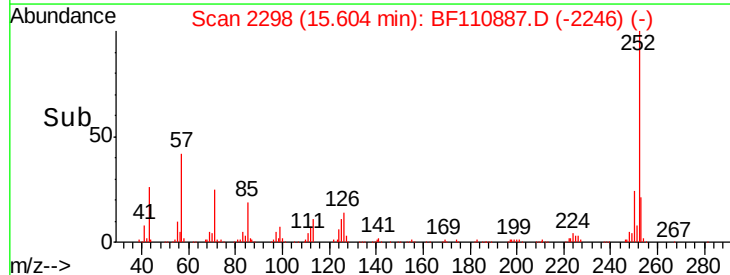
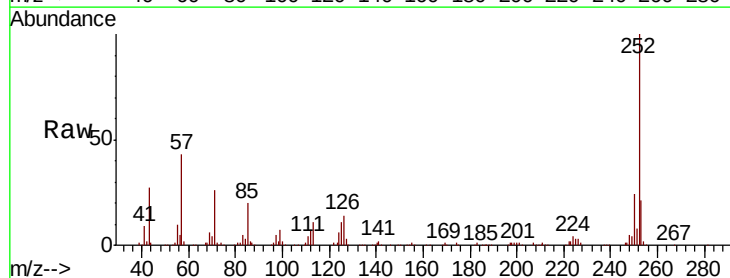
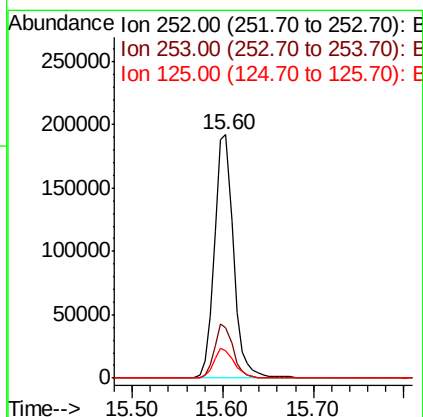
Manual Integrations
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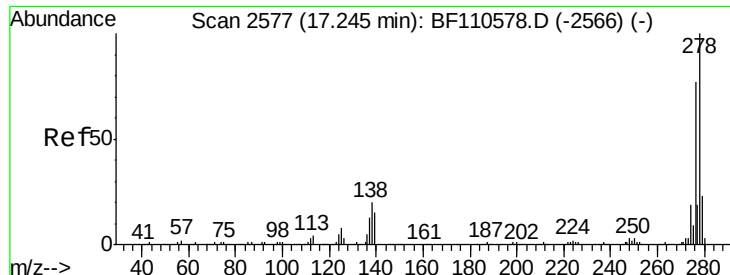
Sohil
11/21/2018 3:17:45 PM



#90
Benzo(a)pyrene
Concen: 42.713 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.5	18.2	27.4
125	11.1	9.0	13.6





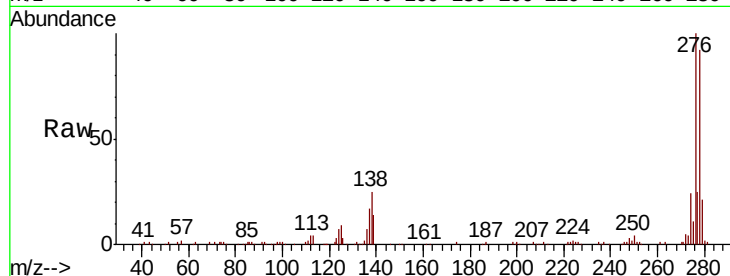
#91
Dibenzo(a,h)anthracene
Concen: 44.882 ng
RT: 17.25 min Scan# 2578
Delta R.T. 0.01 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Instrument :
BNA_F
ClientSampled :
PB114904BS

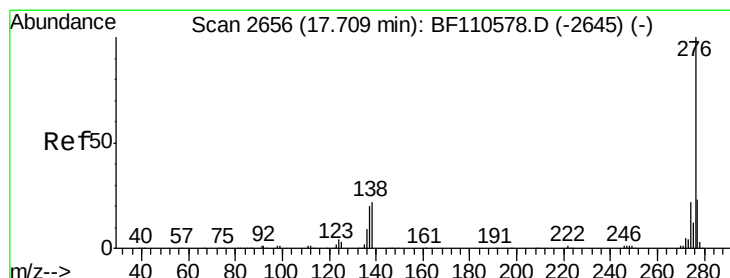
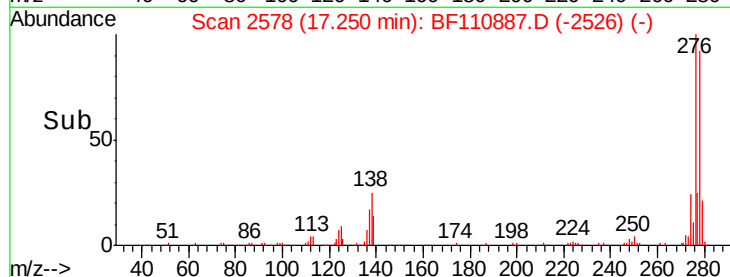
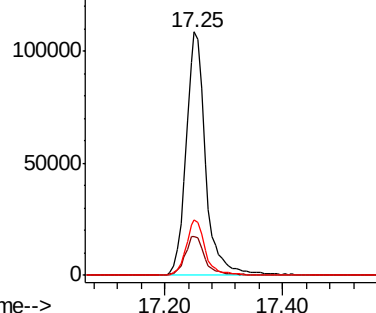
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.7	19.1
279	22.8	19.0	28.4

Manual Integrations
APPROVED

Sohil
11/21/2018 3:17:45 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.650 ng
RT: 17.73 min Scan# 2660
Delta R.T. 0.02 min
Lab File: BF110887.D
Acq: 20 Nov 2018 11:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	21.0	16.0	24.0

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

