

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
 Data File : BF111006.D
 Acq On : 27 Nov 2018 13:38
 Operator : JU/SJ
 Sample : J6028-08MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MSD

Manual Integrations
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 11/28/2018 4:42:13 PM

Quant Time: Nov 27 15:31:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:20:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	50148	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	179703	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	72822	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	134141	20.00	ng	0.00
76) Chrysene-d12	14.14	240	97410	20.00	ng	0.00
87) Perylene-d12	15.68	264	69729	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	427855	141.48	ng	0.02
7) Phenol-d6	6.57	99	521171	132.25	ng	0.00
23) Nitrobenzene-d5	7.51	82	315963	100.63	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	99822	138.02	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	514105	102.28	ng	0.00
79) Terphenyl-d14	13.06	244	480364	96.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.78	88	43411	29.964	ng	88
3) Pyridine	3.59	79	121039	38.153	ng	# 86
4) n-Nitrosodimethylamine	3.54	42	67898	46.772	ng	81
6) Aniline	6.61	93	116585	23.931	ng	# 58
8) 2-Chlorophenol	6.73	128	143279	39.979	ng	98
9) Benzaldehyde	6.50	77	52195	21.703	ng	95
10) Phenol	6.59	94	199265	44.899	ng	# 64
11) bis(2-Chloroethyl)ether	6.67	93	131233	39.249	ng	94
12) 1,3-Dichlorobenzene	6.88	146	149413	37.950	ng	99
13) 1,4-Dichlorobenzene	6.96	146	154018	38.041	ng	98
14) 1,2-Dichlorobenzene	7.11	146	142281	37.338	ng	99
15) Benzyl Alcohol	7.09	79	117723	38.871	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.20	45	199087	37.414	ng	91
17) 2-Methylphenol	7.19	107	109993	38.601	ng	# 87
18) Hexachloroethane	7.44	117	47395	31.823	ng	92
19) n-Nitroso-di-n-propylamine	7.35	70	95452	37.184	ng	95
20) 3+4-Methylphenols	7.35	107	142044	37.500	ng	# 40
22) Acetophenone	7.35	105	192895	45.794	ng	# 92
24) Nitrobenzene	7.53	77	141964	43.476	ng	97
25) Isophorone	7.76	82	244651	47.499	ng	98
26) 2-Nitrophenol	7.85	139	63661	40.129	ng	94
27) 2,4-Dimethylphenol	7.87	122	118254	49.360	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	156931	45.479	ng	99
29) 2,4-Dichlorophenol	8.09	162	104253	41.585	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	117409	41.790	ng	94
31) Naphthalene	8.25	128	380413	45.160	ng	100
33) 4-Chloroaniline	8.30	127	72412	20.197	ng	98
34) Hexachlorobutadiene	8.35	225	65208	40.750	ng	100
35) Caprolactam	8.66	113	30579	35.728	ng	89
36) 4-Chloro-3-methylphenol	8.78	107	108762	39.046	ng	98
37) 2-Methylnaphthalene	8.93	142	243894	43.835	ng	99
38) 1-Methylnaphthalene	9.03	142	226171m	41.791	ng	
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	98606	43.044	ng	98
43) 2,4,6-Trichlorophenol	9.22	196	63029	46.068	ng	92

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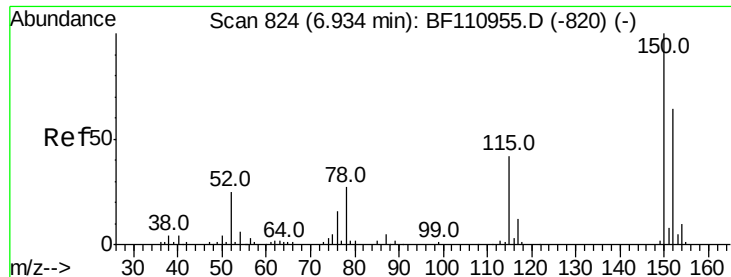
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.27	196	66291	46.016	nq	96
46) 1,1'-Biphenyl	9.40	154	281554	41.937	nq	98
47) 2-Chloronaphthalene	9.43	162	210486	43.240	nq	99
48) 2-Nitroaniline	9.53	65	69655	45.747	nq	96
49) Acenaphthylene	9.85	152	320677	46.327	nq	99
50) Dimethylphthalate	9.69	163	311556	58.335	nq	# 99
51) 2,6-Dinitrotoluene	9.77	165	48472	40.768	nq	91
52) Acenaphthene	10.02	154	192780	43.444	nq	97
53) 3-Nitroaniline	9.95	138	51193	36.942	nq	92
54) 2,4-Dinitrophenol	10.10	184	304	4.407	nq	# 85
55) Dibenzofuran	10.19	168	272738	42.130	nq	98
56) 4-Nitrophenol	10.12	139	64550	83.592	nq	96
57) 2,4-Dinitrotoluene	10.19	165	60418	39.167	nq	95
58) Fluorene	10.53	166	224822	44.636	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.32	232	51966	43.954	nq	# 90
60) Diethylphthalate	10.39	149	237713	43.161	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	106335	40.363	nq	98
62) 4-Nitroaniline	10.57	138	53705	41.623	nq	97
63) Azobenzene	10.68	77	213001	39.678	nq	97
65) 4,6-Dinitro-2-methylphenol	10.62	198	2003	3.157	nq	# 61
66) n-Nitrosodiphenylamine	10.64	169	190485	42.657	nq	96
67) 4-Bromophenyl-phenylether	11.01	248	59509	40.734	nq	# 91
68) Hexachlorobenzene	11.09	284	62948	40.453	nq	# 89
69) Atrazine	11.16	200	60401	52.560	nq	99
70) Pentachlorophenol	11.29	266	50526	81.614	nq	95
71) Phenanthrene	11.50	178	379372	53.399	nq	99
72) Anthracene	11.56	178	351159	48.535	nq	99
73) Carbazole	11.72	167	299087	42.589	nq	100
74) Di-n-butylphthalate	12.02	149	368721	44.907	nq	98
75) Fluoranthene	12.70	202	466424	63.877	nq	98
77) Benzidine	12.82	184	123940	49.744	nq	96
78) Pyrene	12.94	202	461388	64.851	nq	98
80) Butylbenzylphthalate	13.53	149	166573	51.858	nq	97
81) Benzo(a)anthracene	14.13	228	311165	54.107	nq	98
82) 3,3'-Dichlorobenzidine	14.08	252	76902	38.998	nq	100
83) Chrysene	14.17	228	287980	50.868	nq	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	218788	51.118	nq	97
85) Di-n-octyl phthalate	14.69	149	332998	49.288	nq	99
86) Indeno(1,2,3-cd)pyrene	17.28	276	206342	50.777	nq	98
88) Benzo(b)fluoranthene	15.22	252	226978	55.410	nq	98
89) Benzo(k)fluoranthene	15.25	252	202233	47.965	nq	99
90) Benzo(a)pyrene	15.62	252	201401	52.820	nq	99
91) Dibenzo(a,h)anthracene	17.28	278	154494	49.108	nq	99
92) Benzo(g,h,i)perylene	17.77	276	166190	54.787	nq	99

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



#1

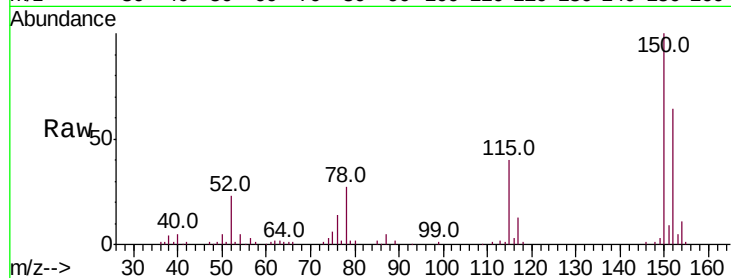
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	122.7	184.1
115	61.5	49.1	73.7

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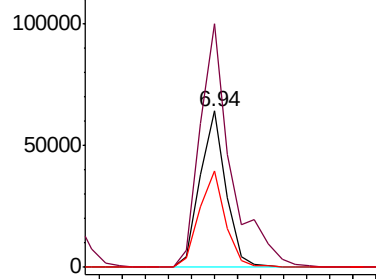


Abundance

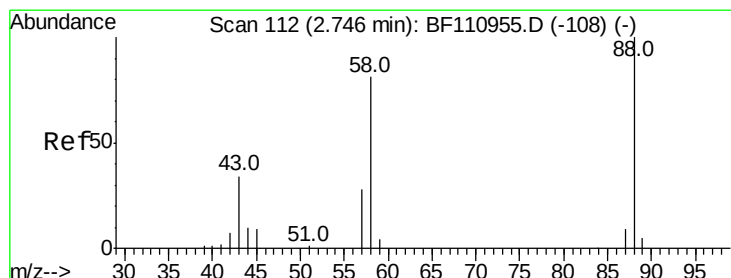
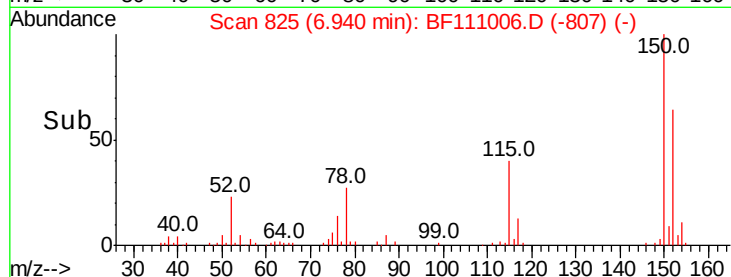
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



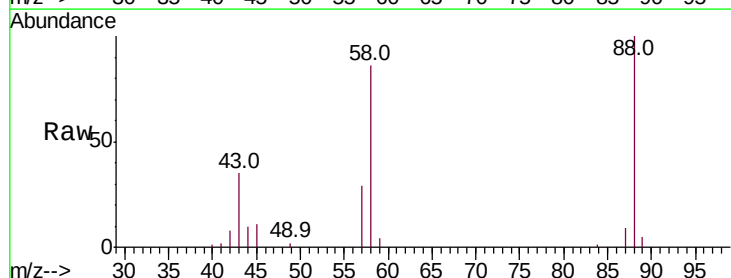
Time-->



#2

1,4-Dioxane
Concen: 29.964 ng
RT: 2.78 min Scan# 118
Delta R.T. 0.04 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.1	57.1	85.7
43	32.1	24.1	36.1

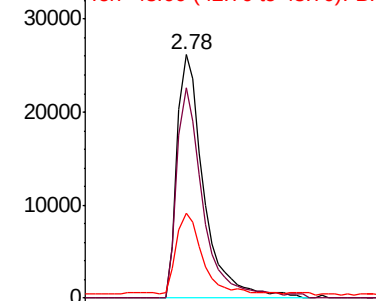


Abundance

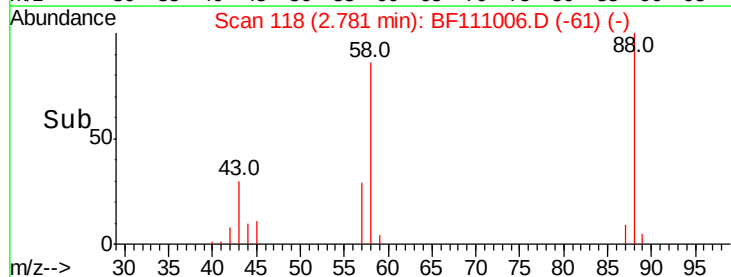
Ion 88.00 (87.70 to 88.70): BF1

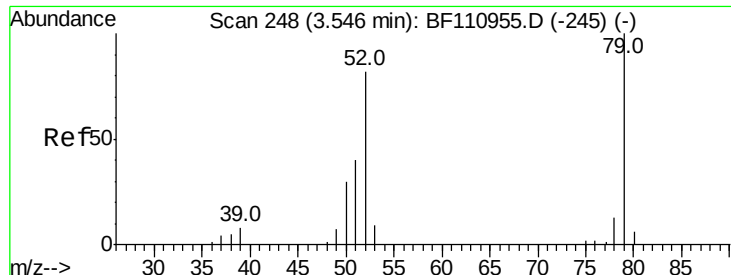
Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1



Time-->





#3

Pvridine

Concen: 38.153 ng

RT: 3.59 min Scan# 256

Delta R.T. 0.05 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Instrument :

BNA_F

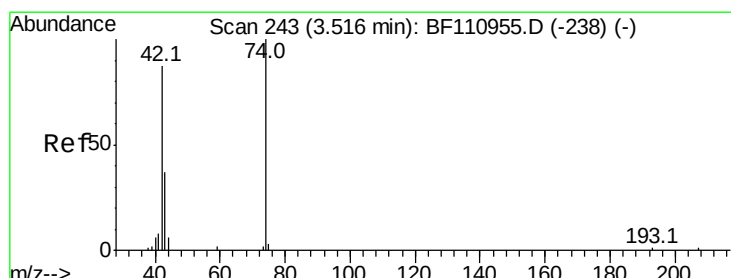
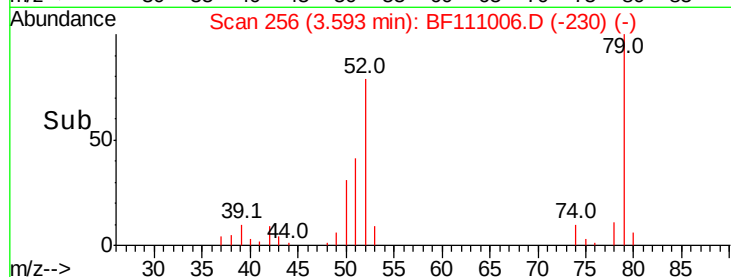
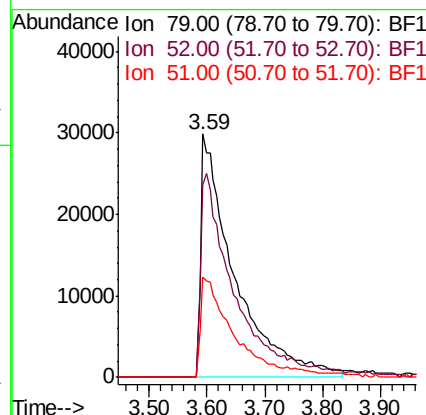
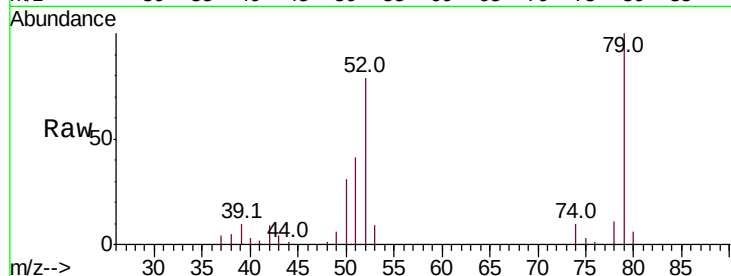
ClientSampleId :

COMP-3MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	78.9	53.1	79.7
51	41.2	27.4	41.2#

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#4

n-Nitrosodimethylamine

Concen: 46.772 ng

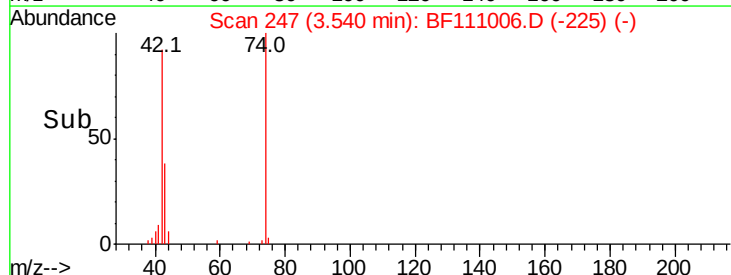
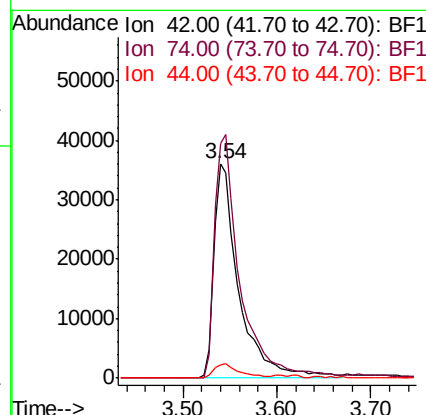
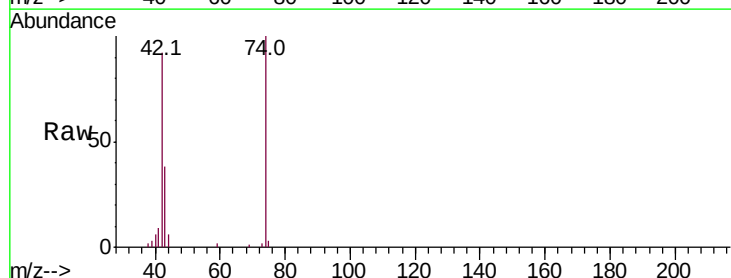
RT: 3.54 min Scan# 247

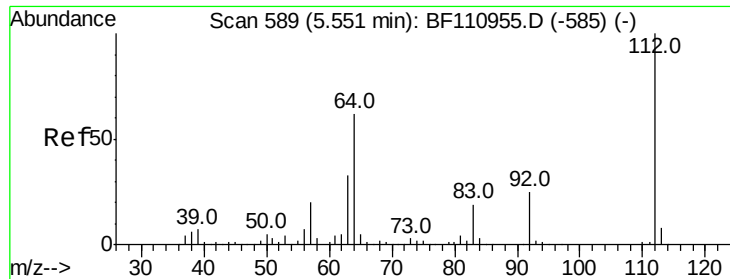
Delta R.T. 0.03 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Lower	Upper
42	100		
74	109.1	105.5	158.3
44	6.2	4.9	7.3





#5

2-Fluorophenol

Concen: 141.485 ng

RT: 5.57 min Scan# 592

Delta R.T. 0.02 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Instrument :

BNA_F

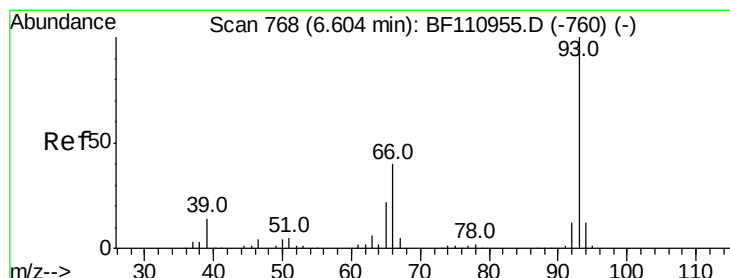
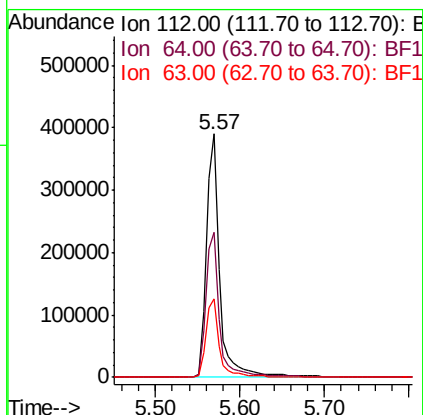
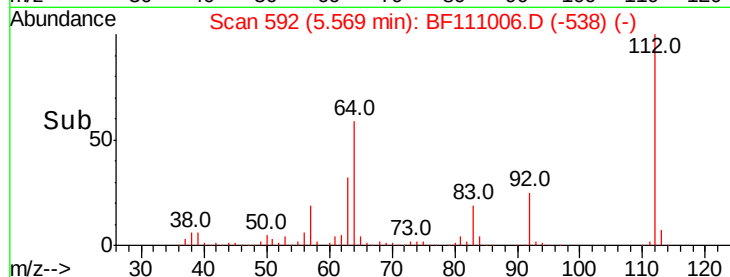
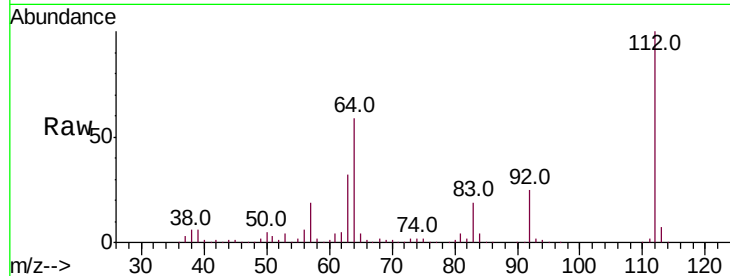
ClientSampleId :

COMP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	427855		
64	59.4		44.1	66.1
63	32.3		23.7	35.5

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#6

Aniline

Concen: 23.931 ng

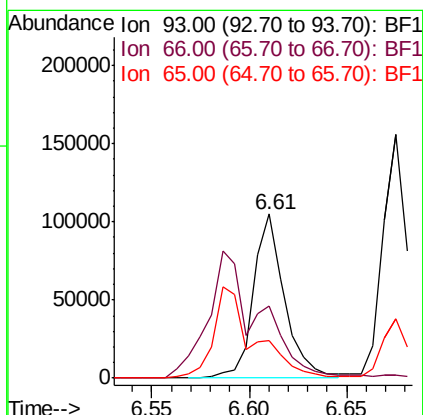
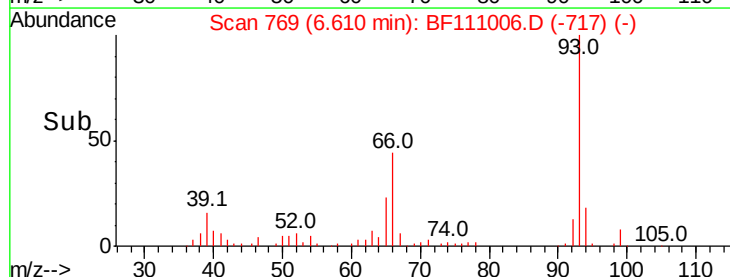
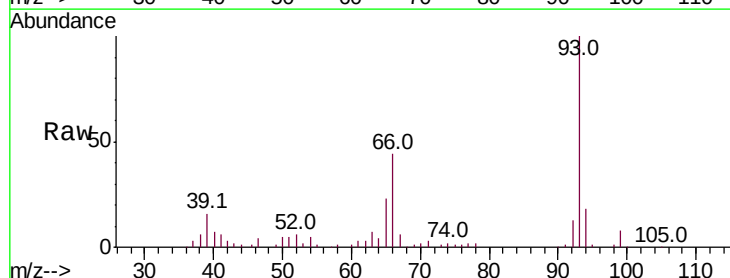
RT: 6.61 min Scan# 769

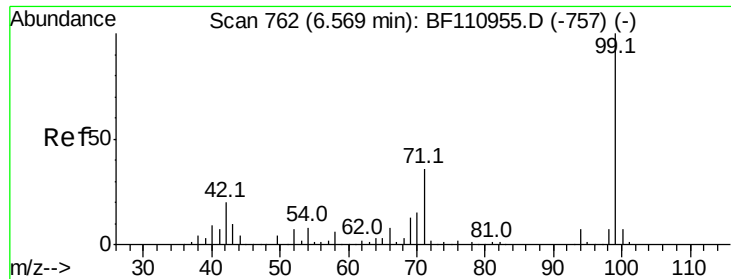
Delta R.T. 0.01 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	116585		
66	44.4		67.4	101.0#
65	23.2		41.0	61.4#





#7

Phenol-d6

Concen: 132.249 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Instrument :

BNA_F

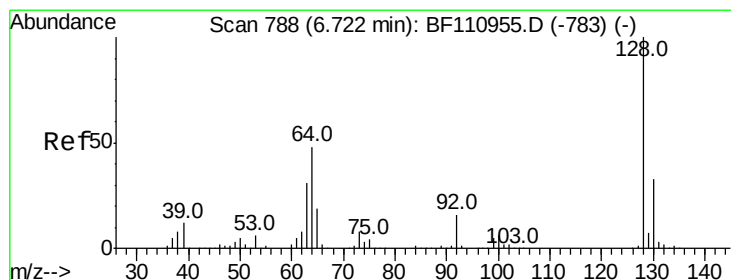
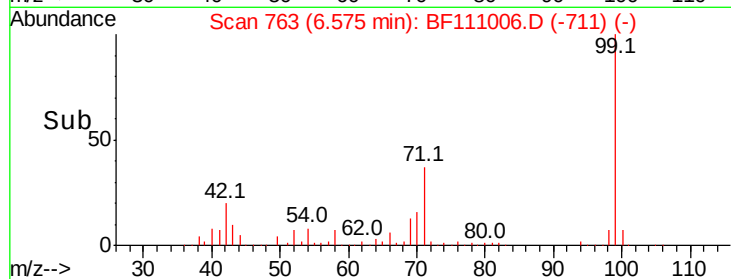
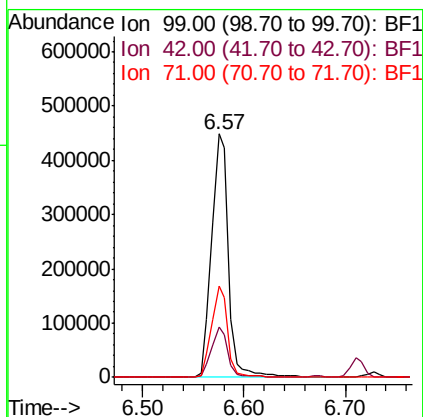
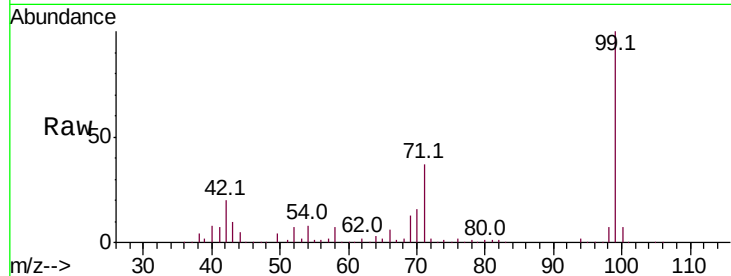
ClientSampleId :

COMP-3MSD

Tot Ion:	99	Resp:	521171
Ion Ratio	Lower	Upper	
99	100		
42	20.5	15.8	23.6
71	37.3	28.0	42.0

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#8

2-Chlorophenol

Concen: 39.979 ng

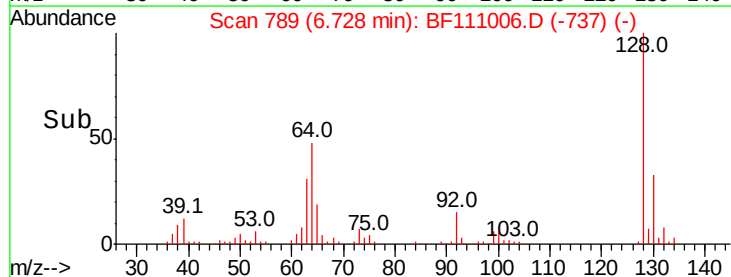
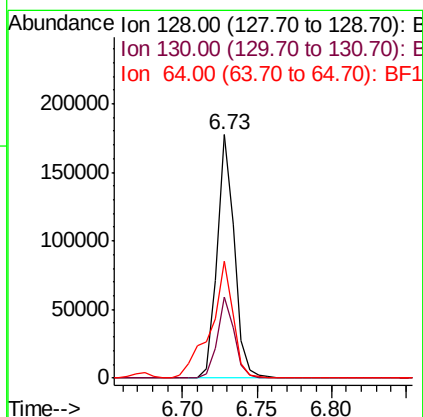
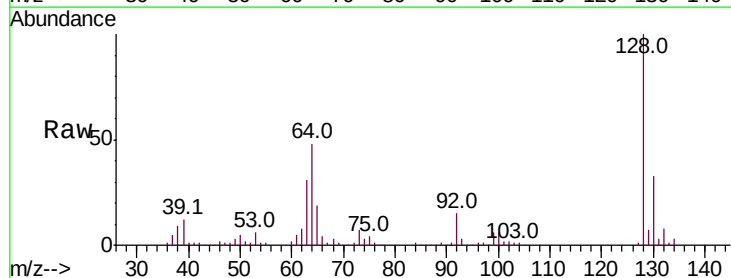
RT: 6.73 min Scan# 789

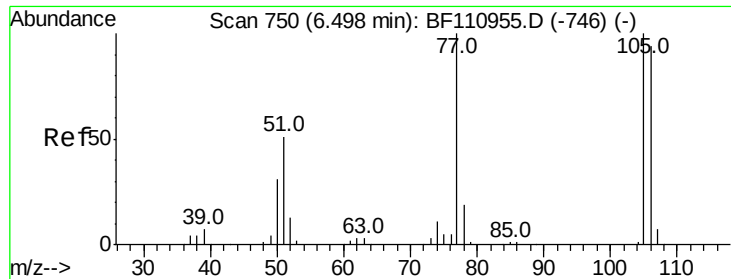
Delta R.T. 0.01 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Tgt Ion:	128	Resp:	143279
Ion Ratio	Lower	Upper	
128	100		
130	33.2	13.1	53.1
64	48.2	26.0	66.0





#9

Benzaldehyde

Concen: 21.703 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Instrument :

BNA_F

ClientSampleID :

COMP-3MSD

Tot Ion: 77 Resp: 52195

Ion Ratio Lower Upper

77 100

105 105.0 78.6 118.6

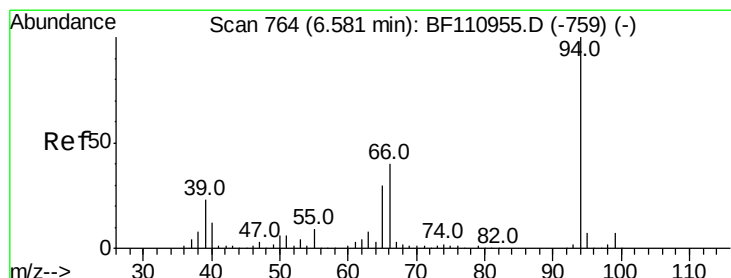
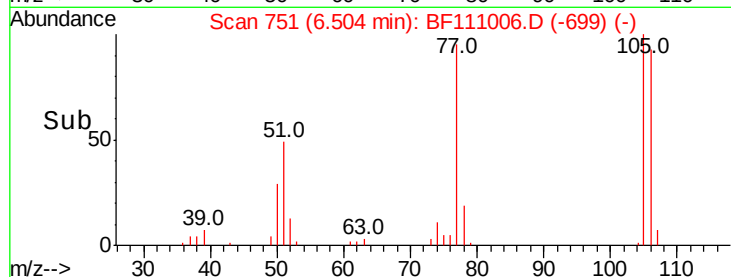
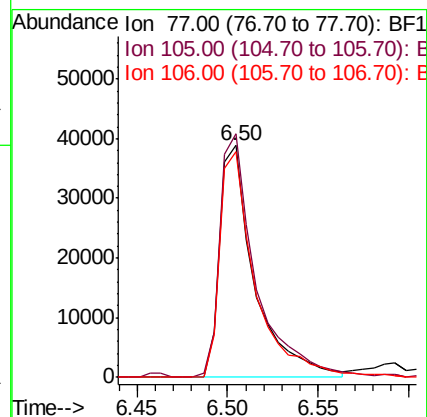
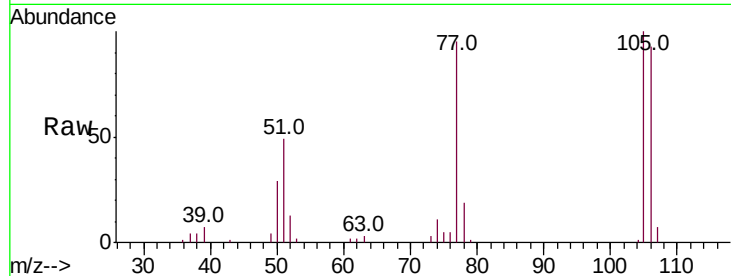
106 97.4 74.8 114.8

Manual Integrations

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#10

Phenol

Concen: 44.899 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

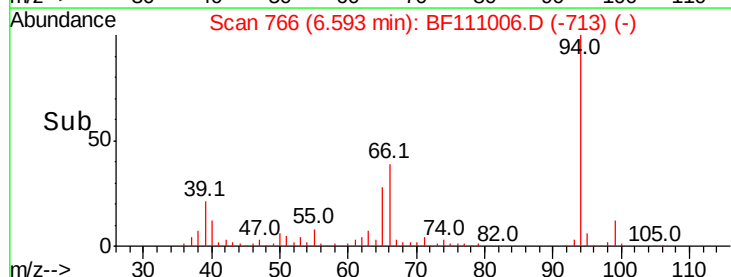
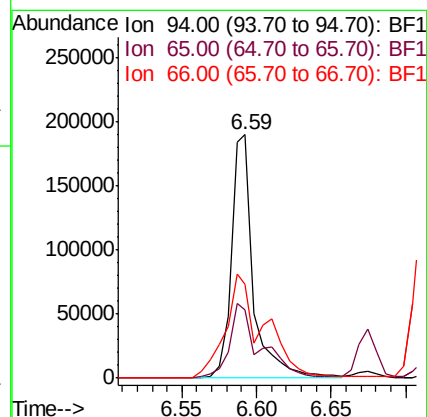
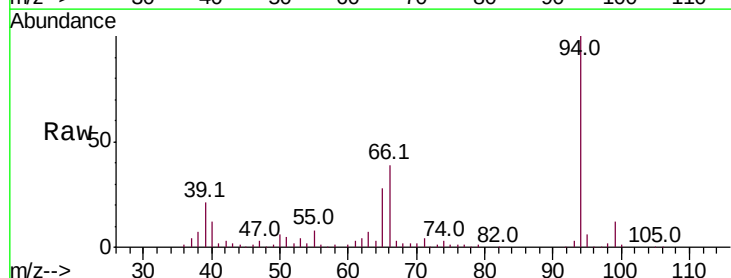
Tgt Ion: 94 Resp: 199265

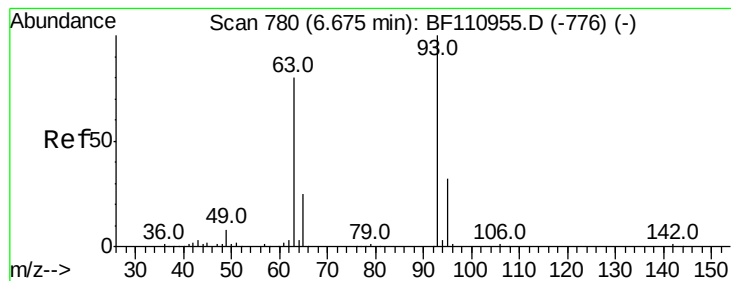
Ion Ratio Lower Upper

94 100

65 28.1 25.3 65.3

66 38.5 54.5 94.5#





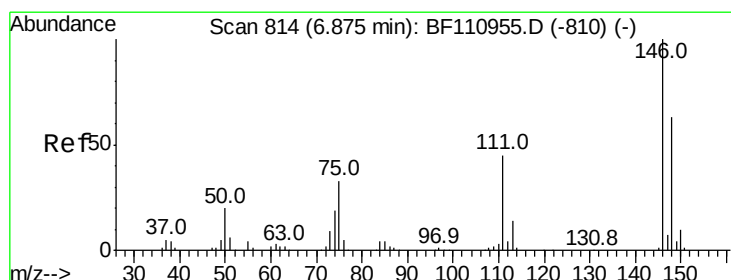
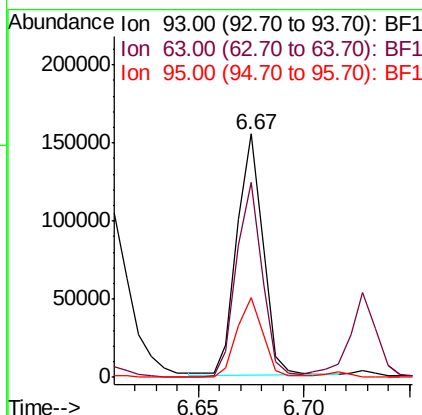
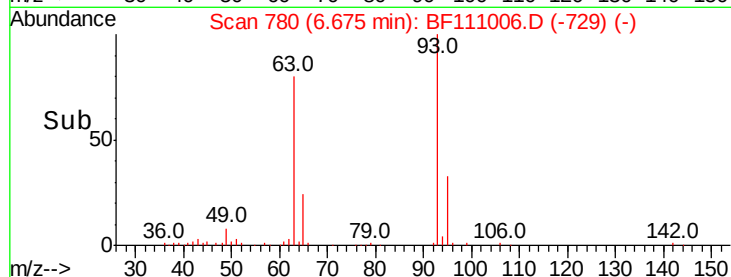
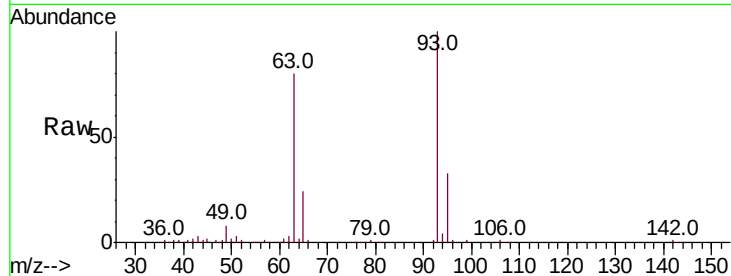
#11
bis(2-Chloroethyl)ether
Concen: 39.249 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.2	53.4	93.4
95	32.7	12.1	52.1

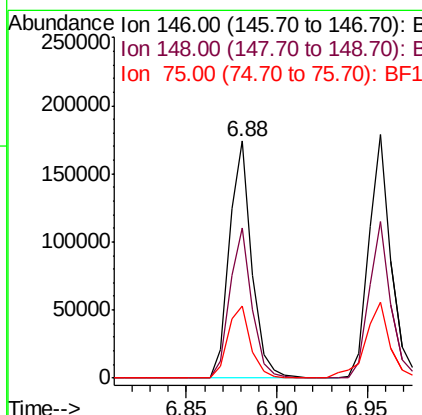
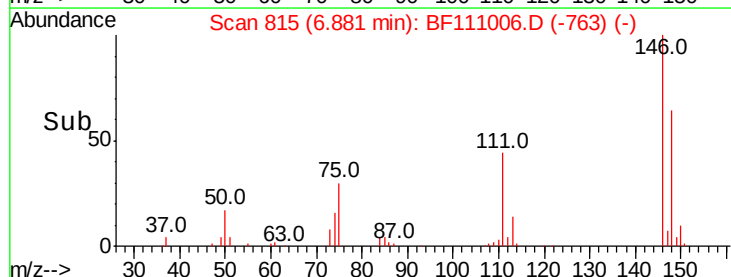
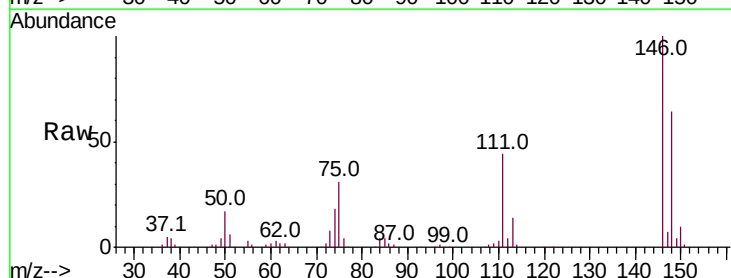
Manual Integrations
APPROVED

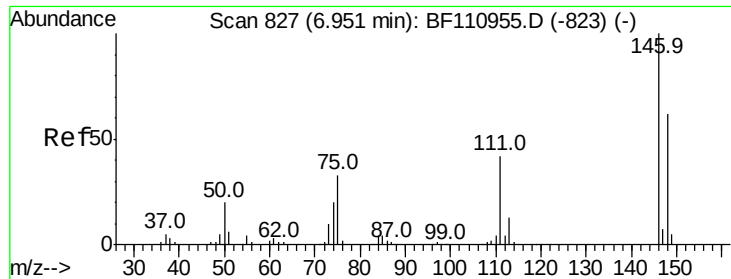
mohammad
11/28/2018 4:42:13 PM



#12
1,3-Dichlorobenzene
Concen: 37.950 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.4	75.6
75	30.6	25.8	38.6





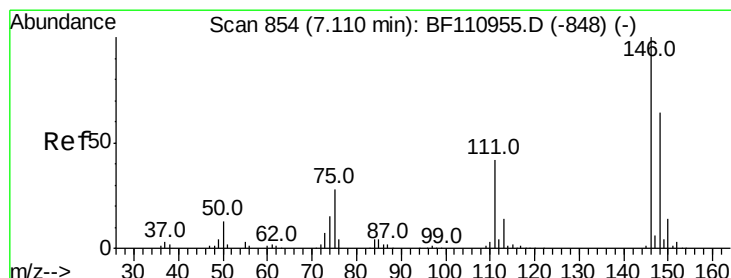
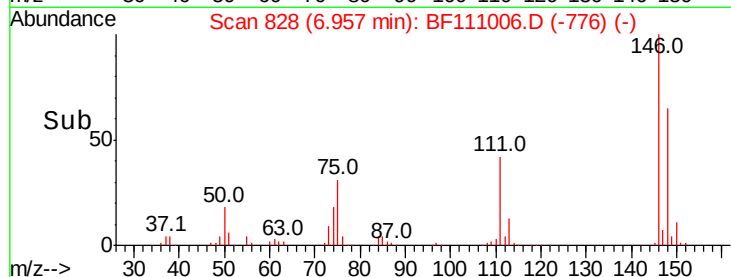
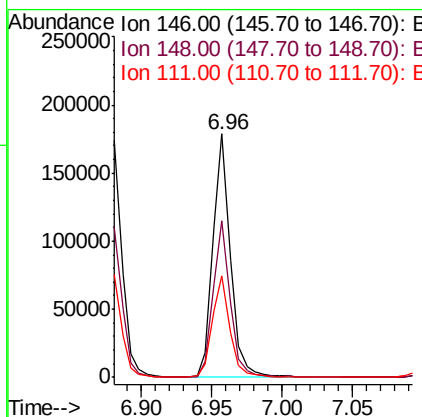
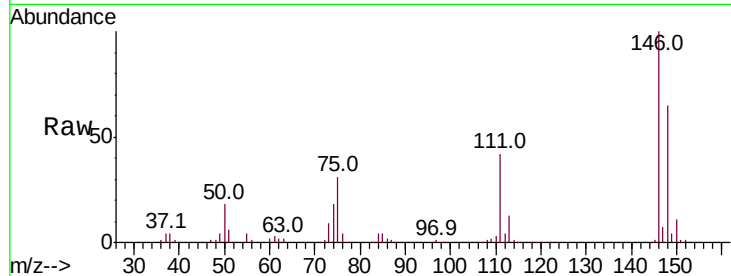
#13
1,4-Dichlorobenzene
Concen: 38.041 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.3	75.5
111	41.8	32.7	49.1

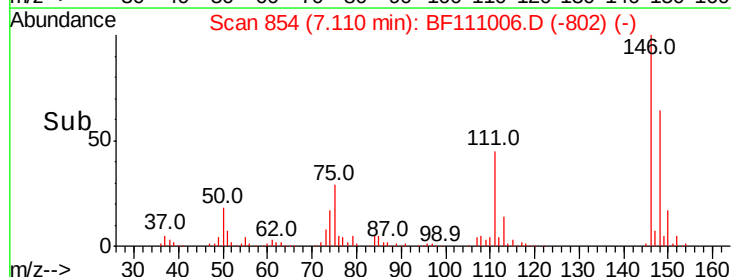
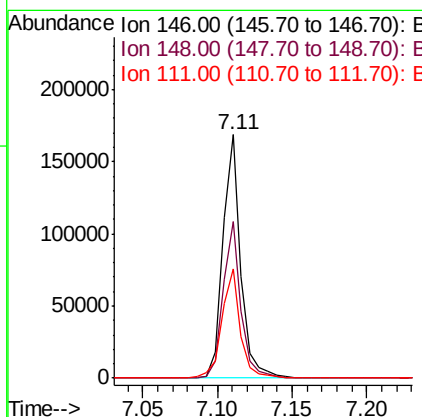
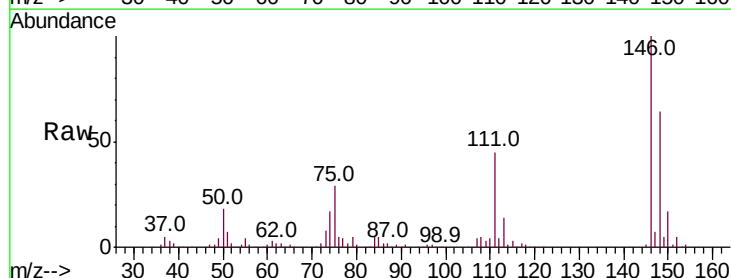
Manual Integrations
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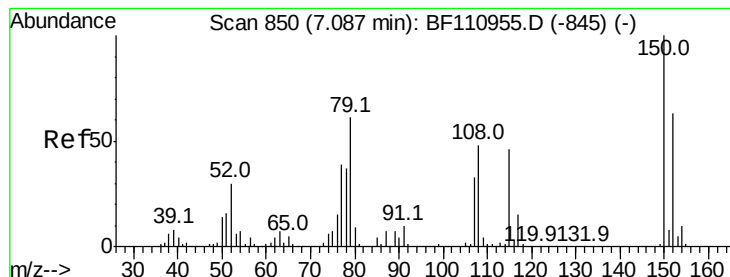
mohammad
11/28/2018 4:42:13 PM



#14
1,2-Dichlorobenzene
Concen: 37.338 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.1	76.7
111	44.9	35.8	53.6





#15

Benzyl Alcohol

Concen: 38.871 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Instrument :

BNA_F

ClientSampleID :

COMP-3MSD

Tot Ion: 79 Resp: 117723

Ion Ratio Lower Upper

79 100

108 75.6 56.3 84.5

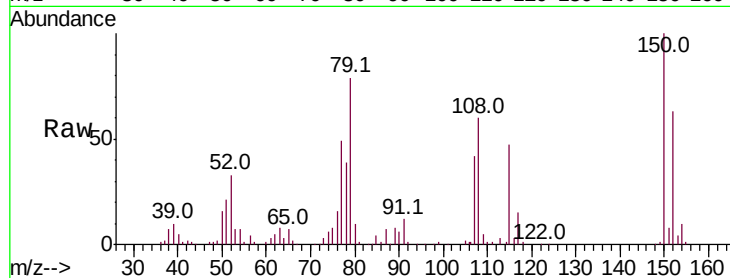
77 62.0 52.9 79.3

Manual Integrations

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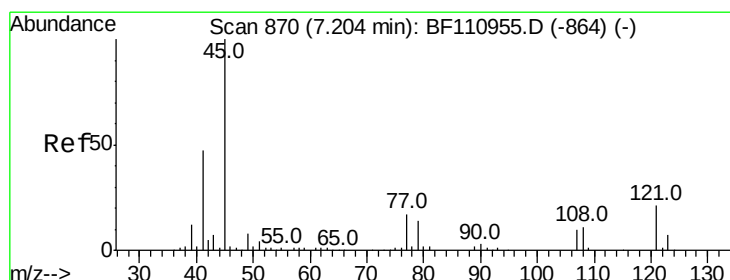
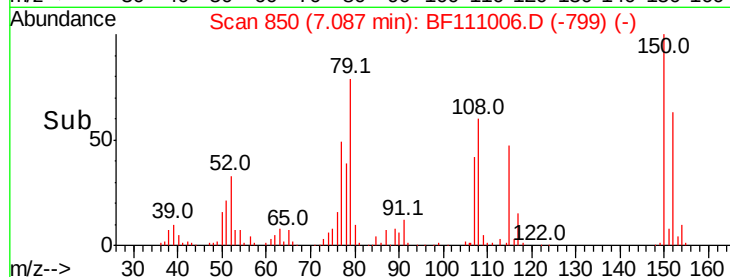
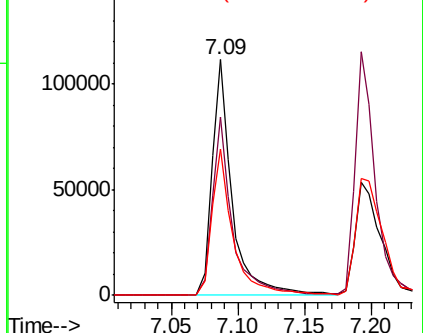
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.414 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

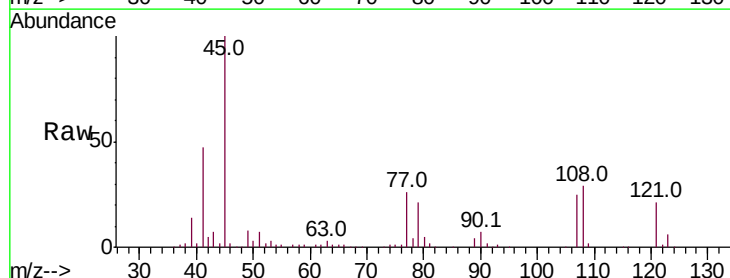
Tgt Ion: 45 Resp: 199087

Ion Ratio Lower Upper

45 100

77 25.6 10.0 50.0

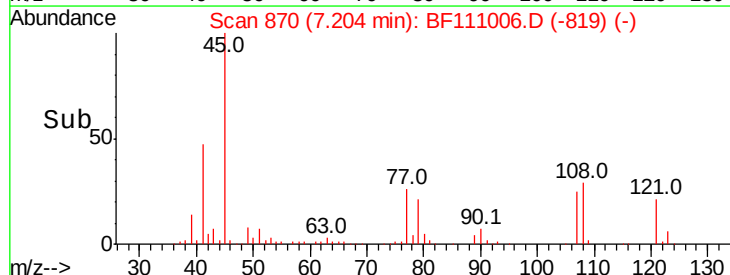
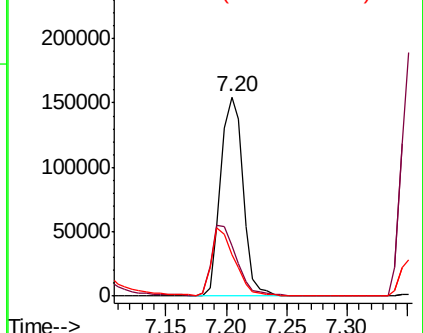
79 20.9 6.1 46.1

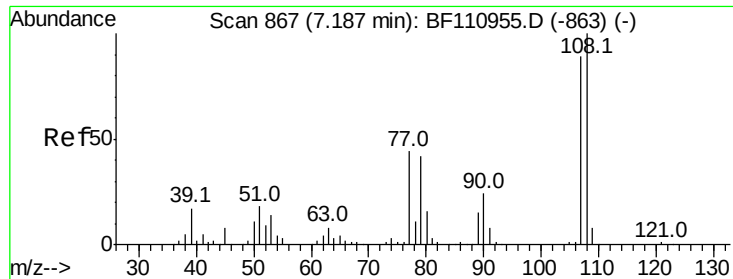


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





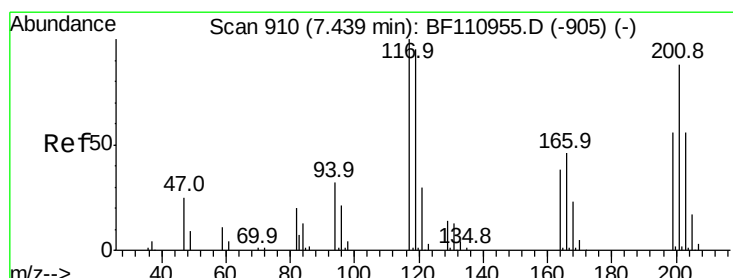
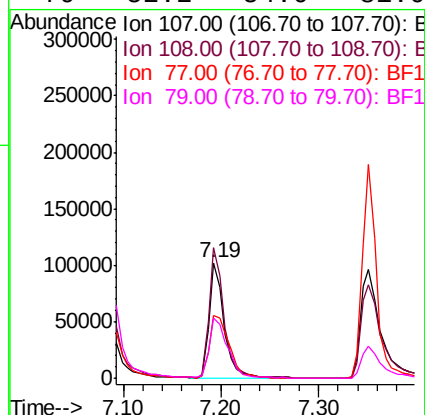
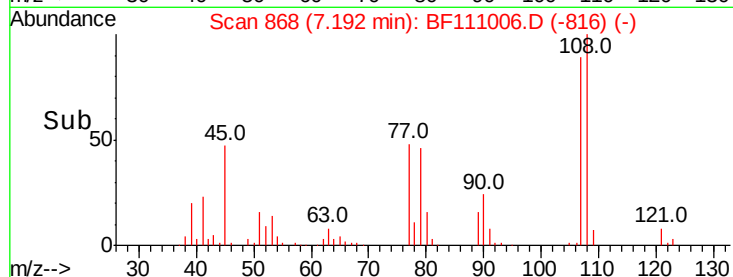
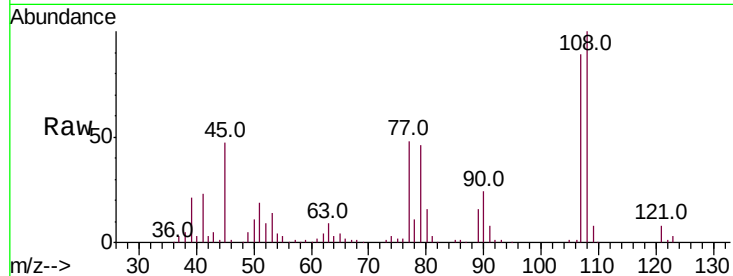
#17
2-Methylphenol
Concen: 38.601 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.01 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	92.6	138.8	
77	54.0	59.4	89.2#	
79	52.2	54.0	81.0#	

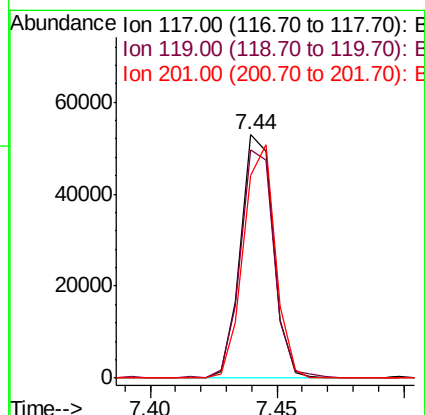
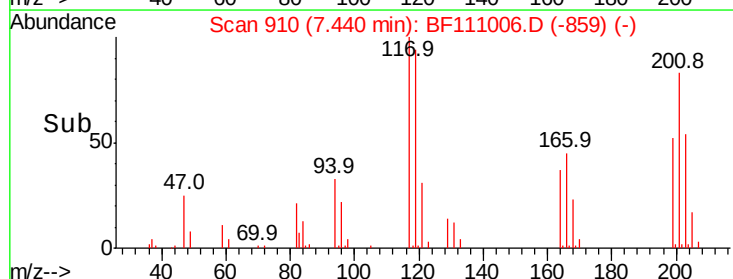
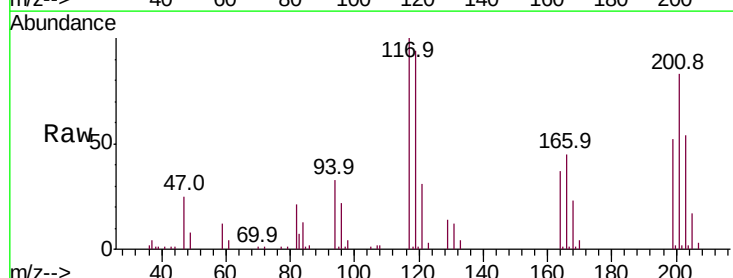
Manual Integrations
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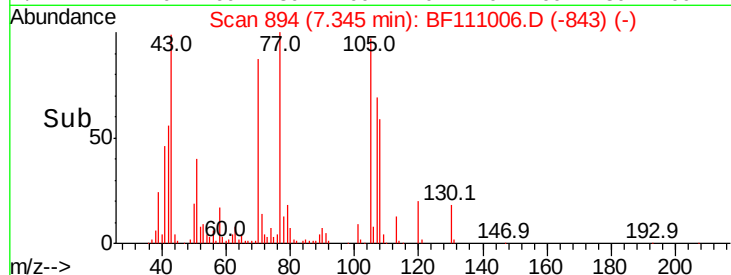
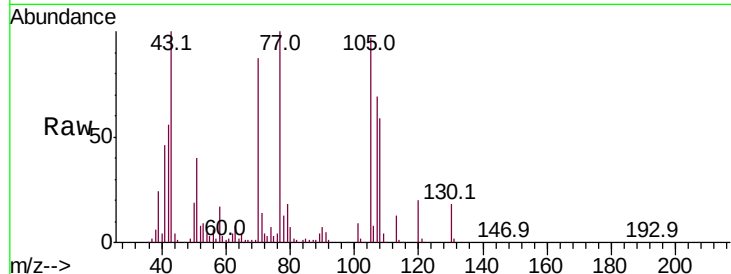
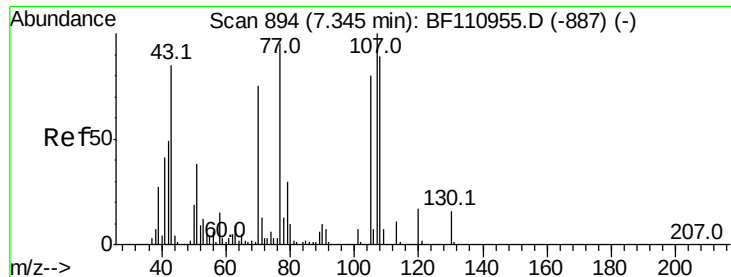
mohammad
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#18
Hexachloroethane
Concen: 31.823 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.7	75.0	112.6	
201	83.3	79.2	118.8	





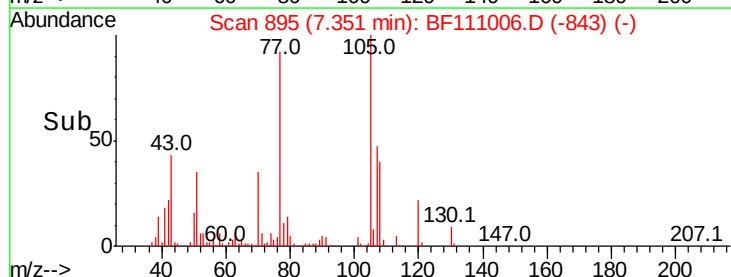
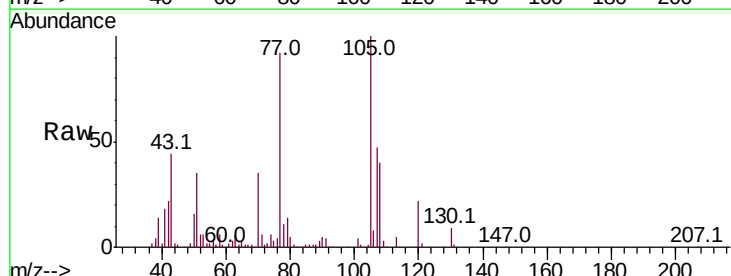
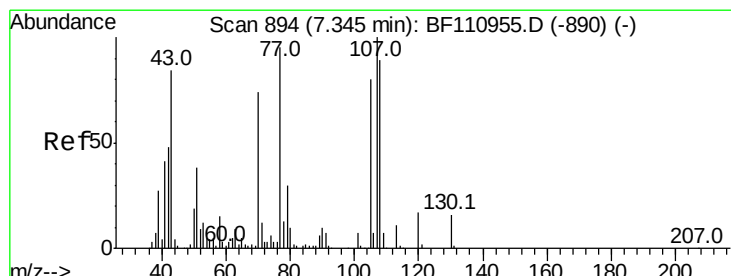
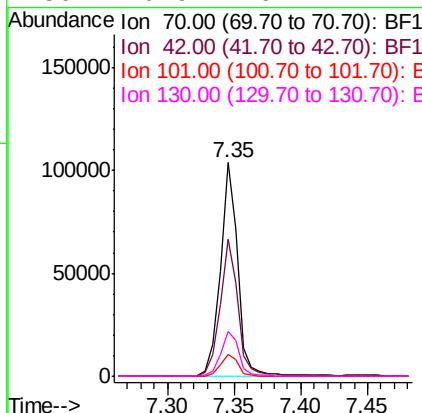
#19
n-Nitroso-di-n-propylamine
Concen: 37.184 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	70	Resp	95452
Ion Ratio	Lower	Upper	
70	100		
42	64.4	47.4	71.2
101	10.2	7.3	10.9
130	20.9	16.2	24.2

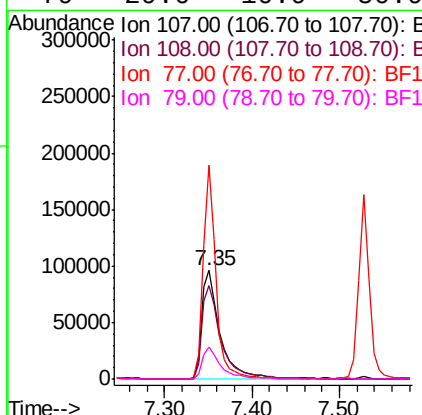
Manual Integrations
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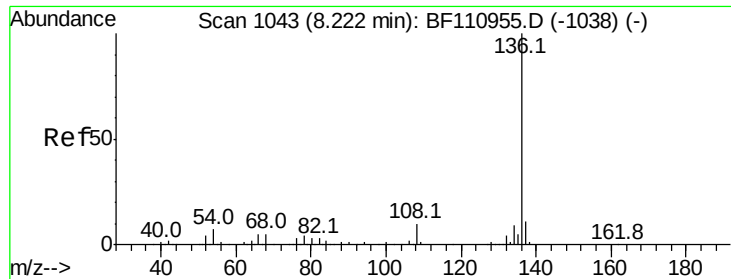
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#20
3+4-Methylphenols
Concen: 37.500 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.01 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion	107	Resp	142044
Ion Ratio	Lower	Upper	
107	100		
108	86.5	71.4	111.4
77	196.8	47.3	87.3#
79	29.0	10.9	50.9





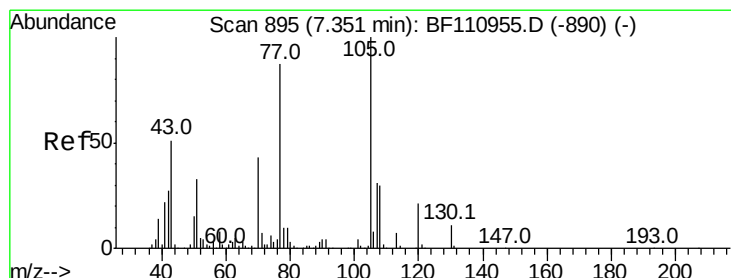
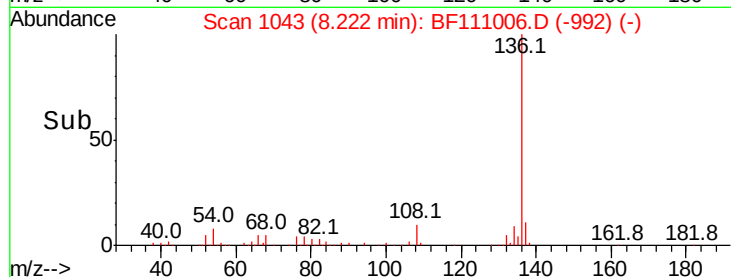
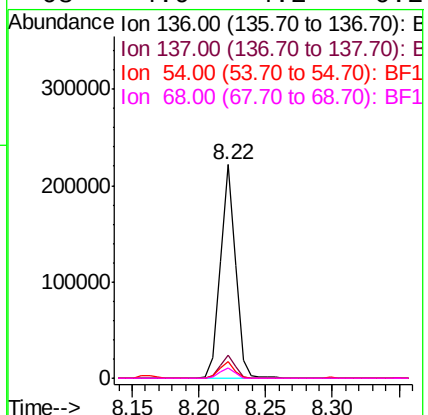
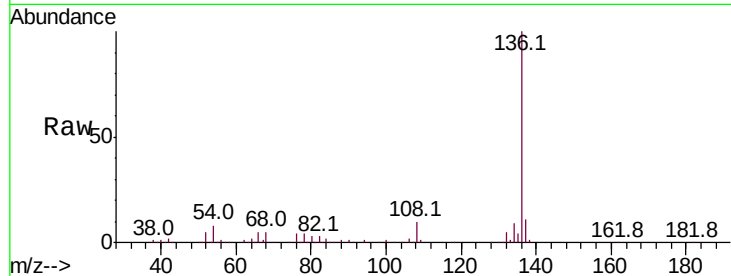
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	179703		
137	11.0		8.8	13.2
54	8.0		5.4	8.2
68	4.9		4.2	6.2

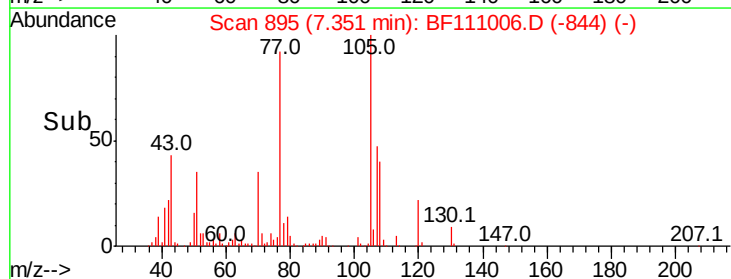
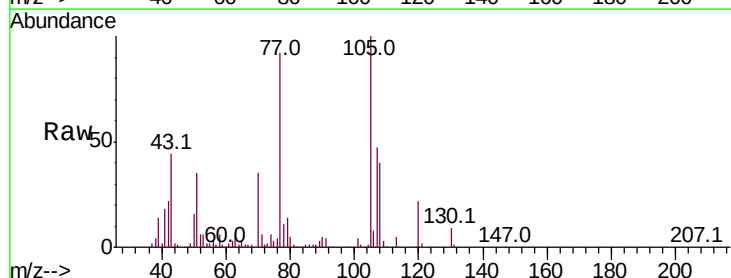
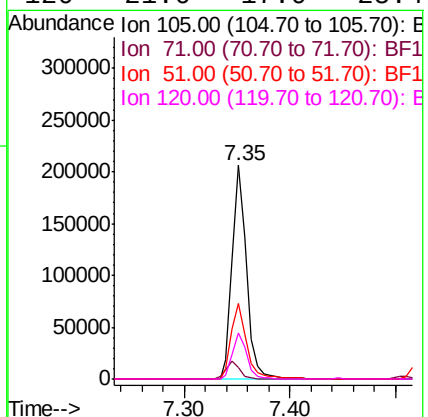
Manual Integrations
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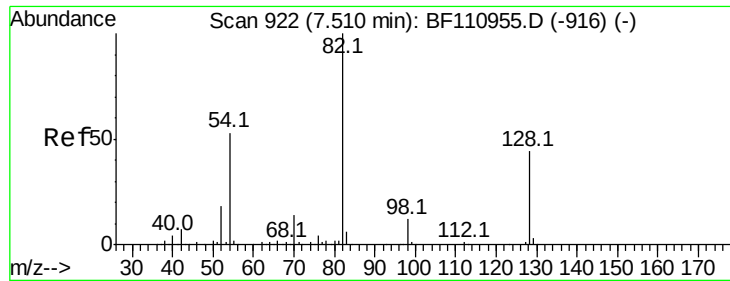
mohammad
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#22
Acetophenone
Concen: 45.794 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	192895		
71	5.6		5.2	7.8
51	35.3		21.8	32.8#
120	21.6		17.0	25.4





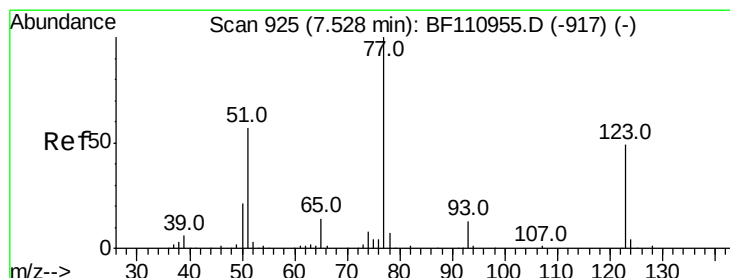
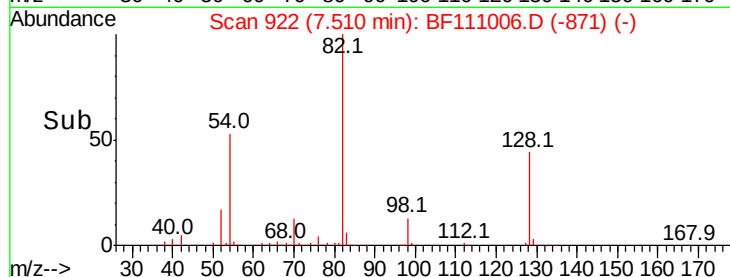
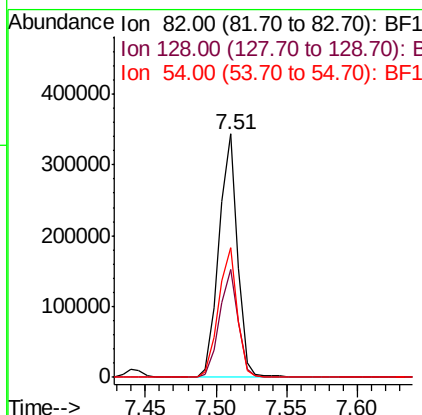
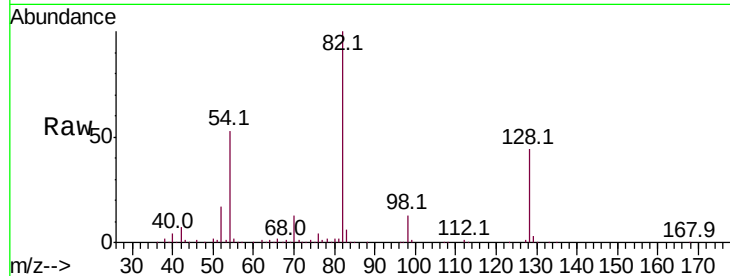
#23
 Nitrobenzene-d5
 Concen: 100.626 ng
 RT: 7.51 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BF111006.D
 Acq: 27 Nov 2018 13:38

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.2	51.2
54	53.4	38.6	58.0

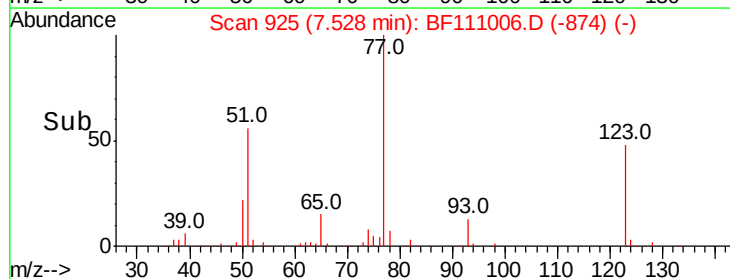
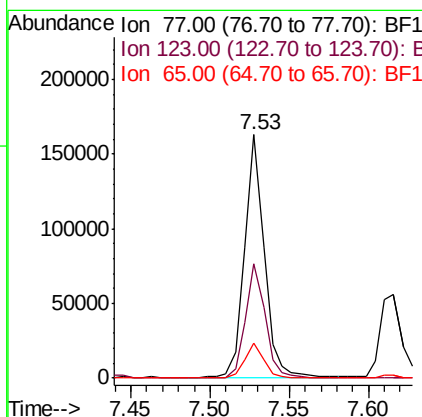
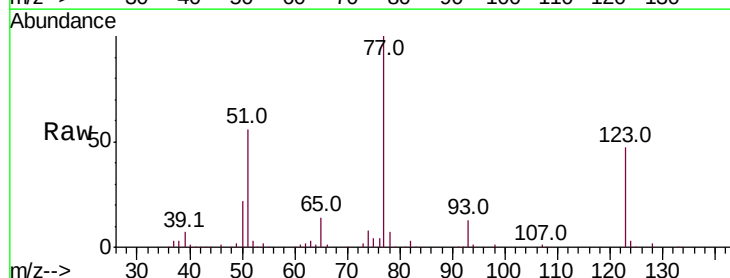
Manual Integrations
 APPROVED

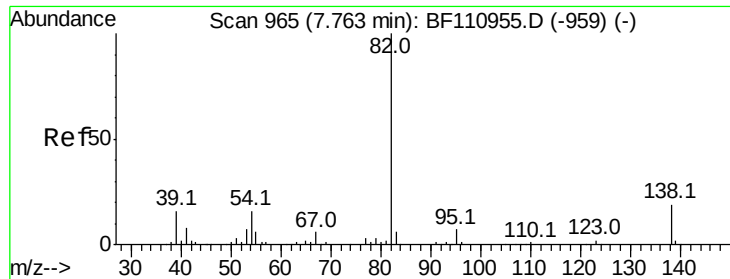
mohammad
 11/28/2018 4:42:13 PM



#24
 Nitrobenzene
 Concen: 43.476 ng
 RT: 7.53 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BF111006.D
 Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.8	35.7	53.5
65	14.4	10.7	16.1





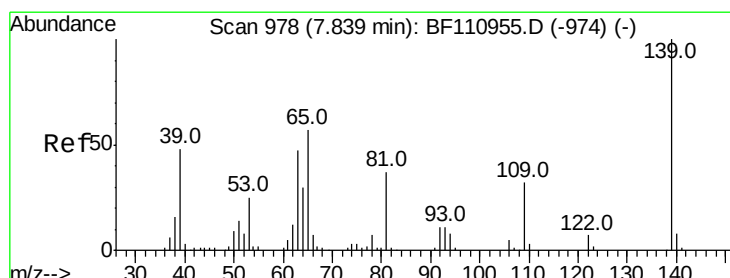
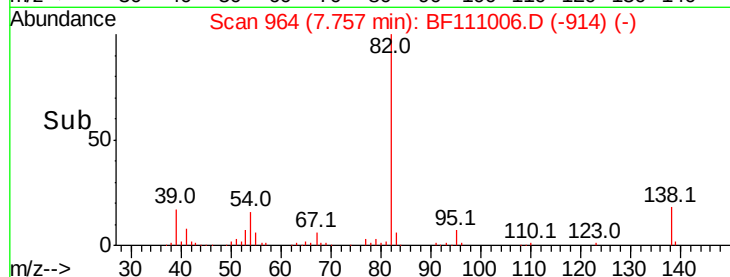
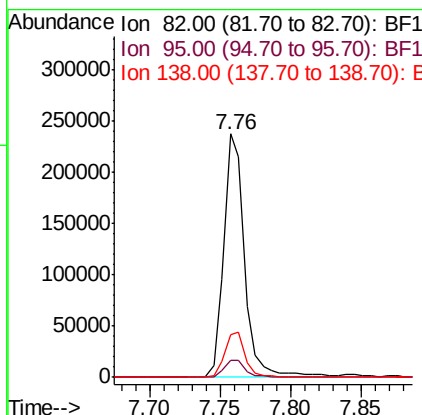
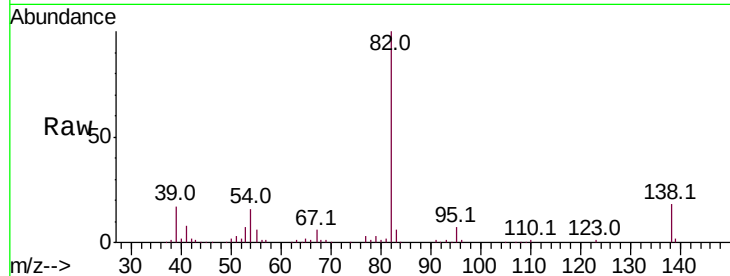
#25
Isophorone
Concen: 47.499 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.7	8.5
138	17.7	13.2	19.8

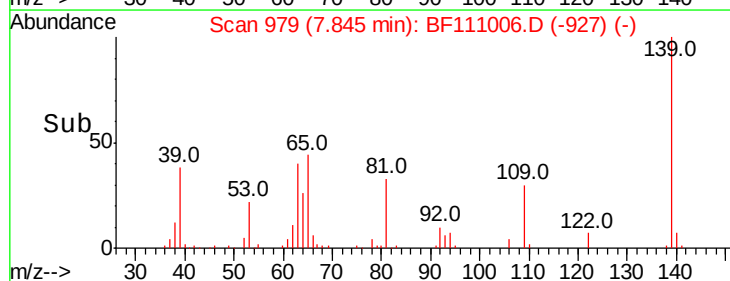
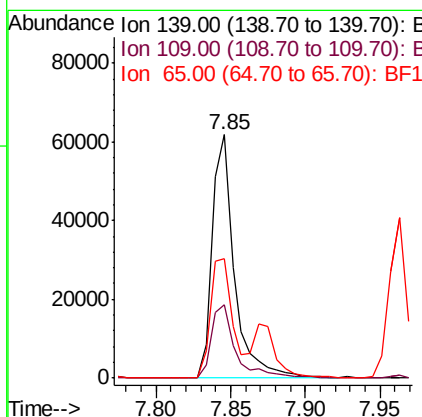
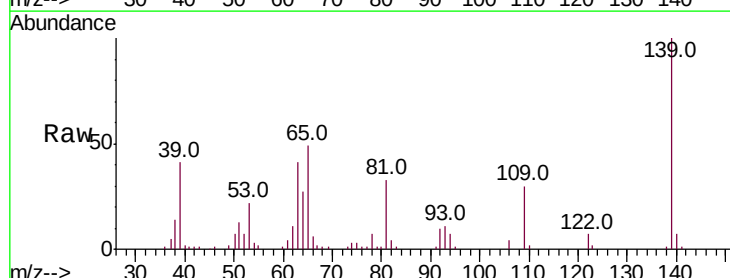
Manual Integrations
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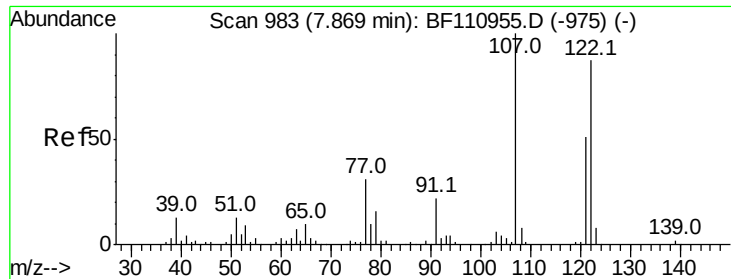
mohammad
11/28/2018 4:42:13 PM



#26
2-Nitrophenol
Concen: 40.129 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.1	25.0	37.6
65	49.1	44.0	66.0





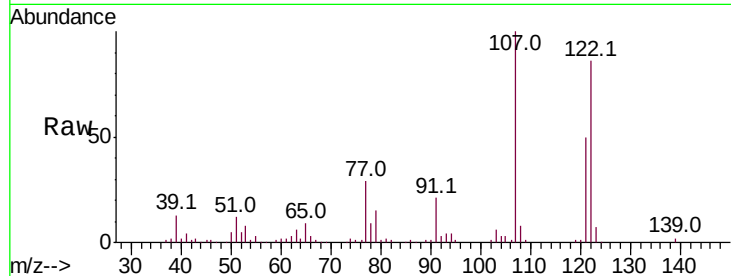
#27
2,4-Dimethylphenol
Concen: 49.360 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.01 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.9	92.5	138.7
121	58.3	45.8	68.8

Manual Integrations
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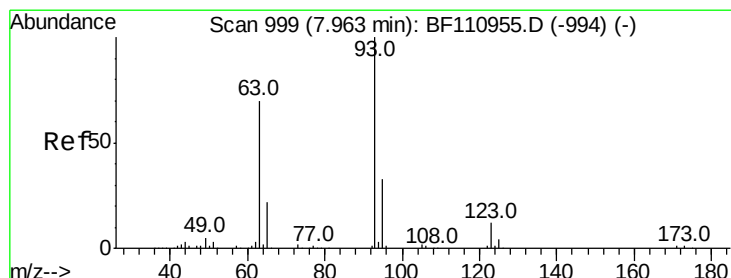
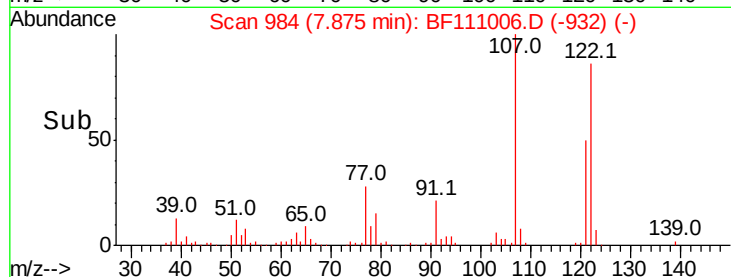
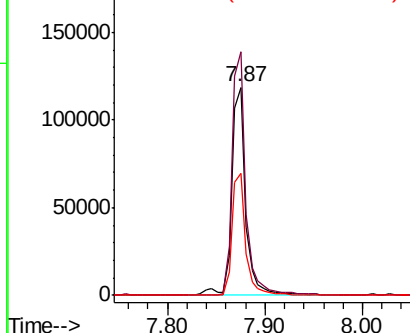


Abundance

Ion 122.00 (121.70 to 122.70): E

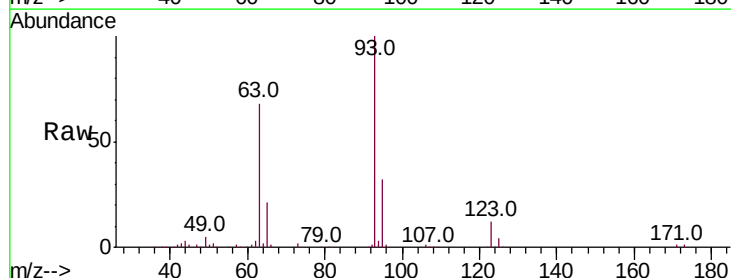
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 45.479 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.4	39.6
123	11.7	9.0	13.6

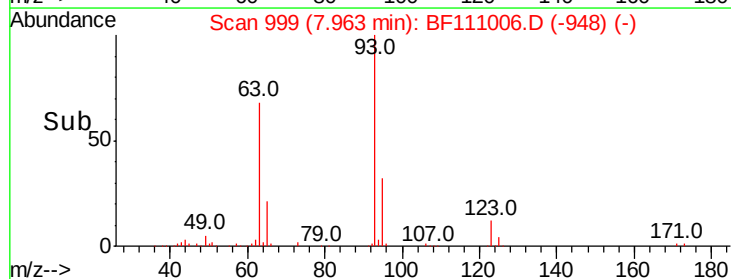
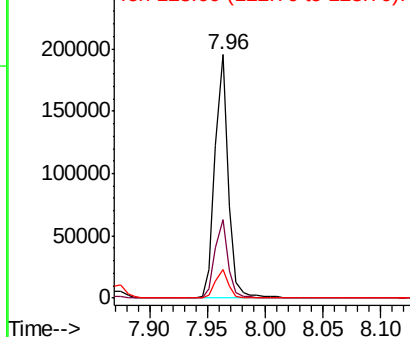


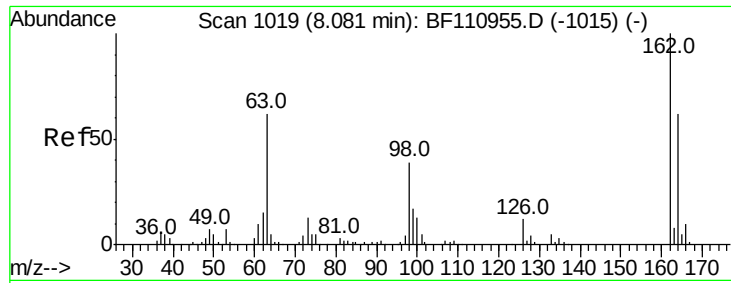
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





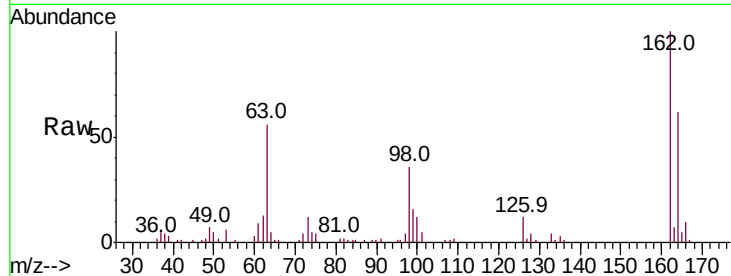
#29
2,4-Dichlorophenol
Concen: 41.585 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

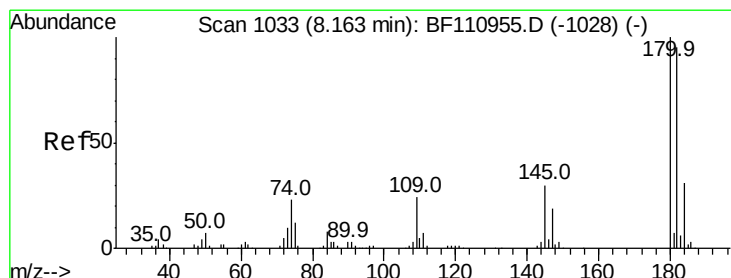
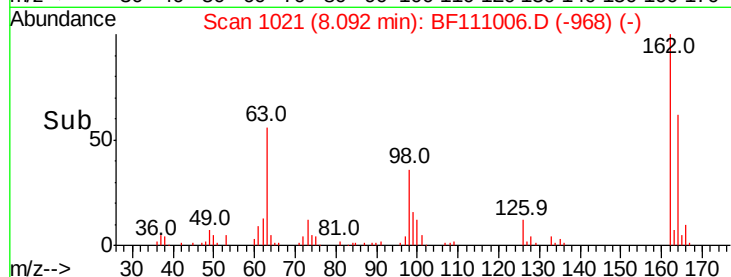
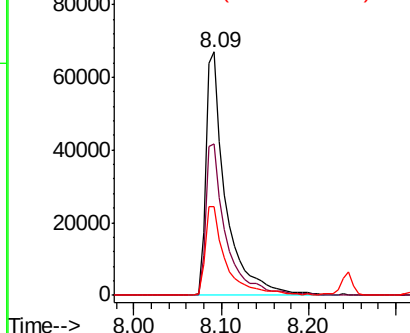
Tot Ion	Ratio	Resp	Lower	Upper
162	100	104253		
164	62.4		44.6	84.6
98	36.5		17.4	57.4

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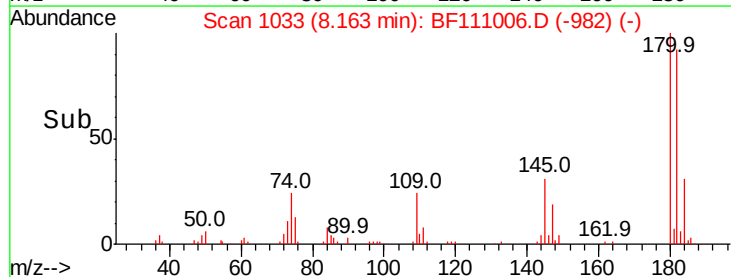
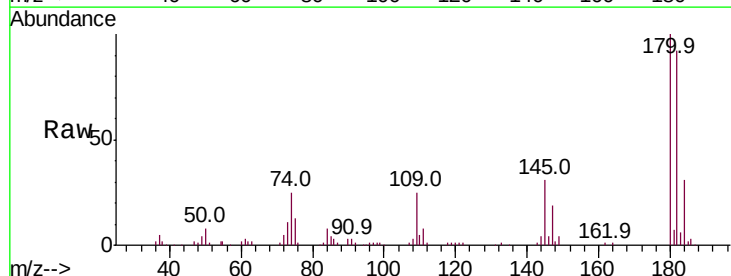
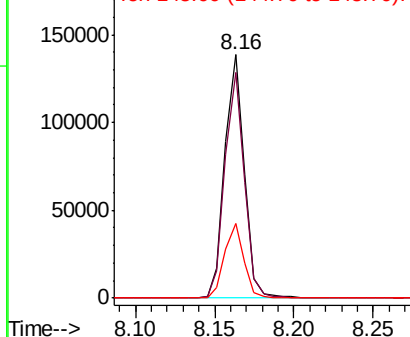
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

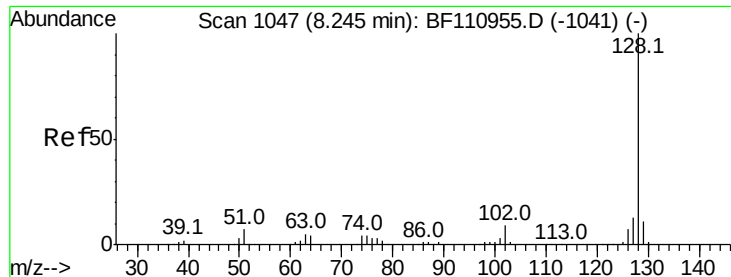


#30
1,2,4-Trichlorobenzene
Concen: 41.790 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	117409		
182	92.5		80.3	120.5
145	30.9		25.4	38.0

Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





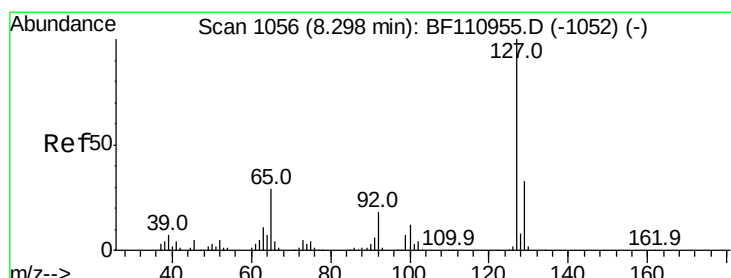
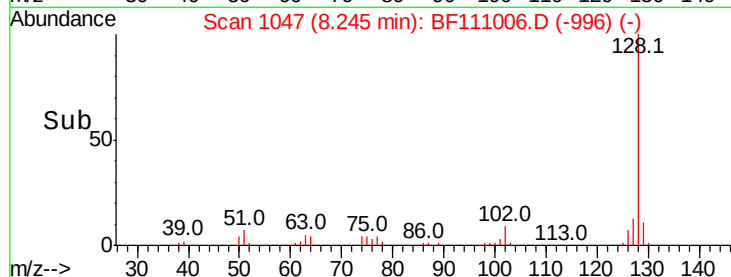
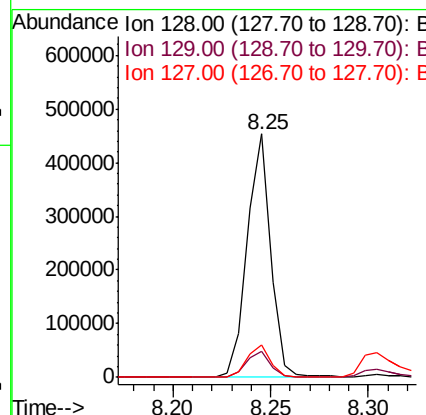
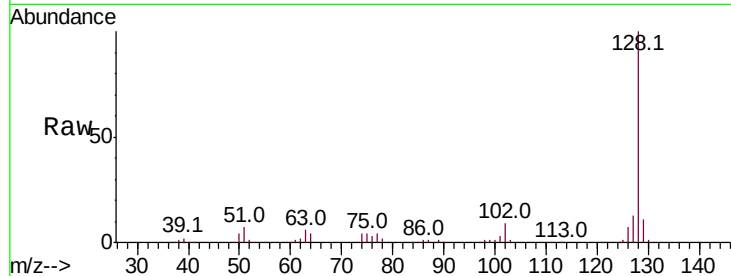
#31
Naphthalene
Concen: 45.160 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.4	10.8	16.2

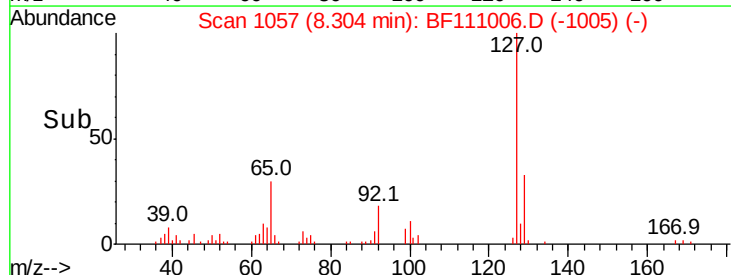
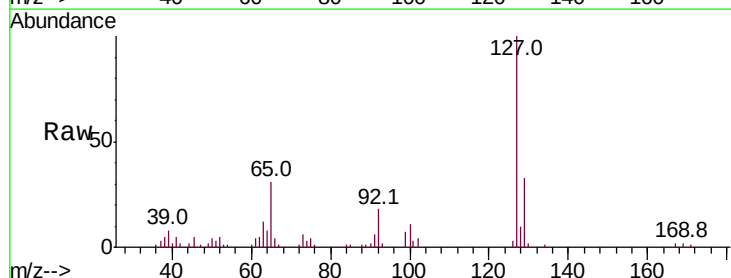
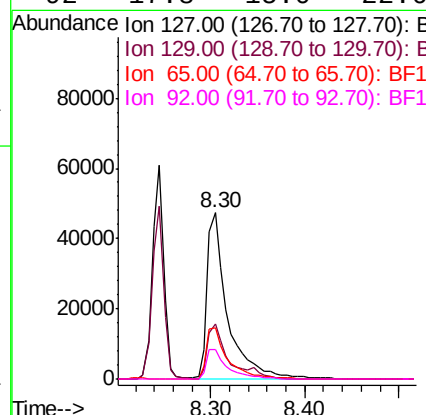
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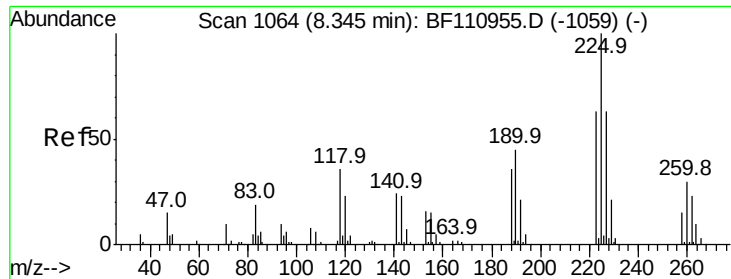
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#33
4-Chloroaniline
Concen: 20.197 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.0	39.0
65	30.6	25.1	37.7
92	17.8	15.0	22.6





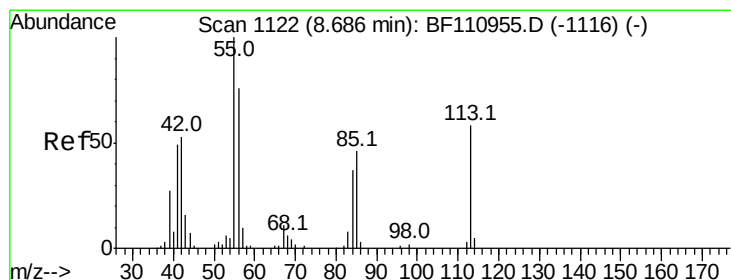
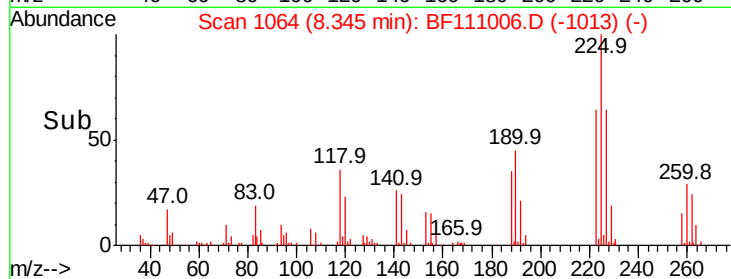
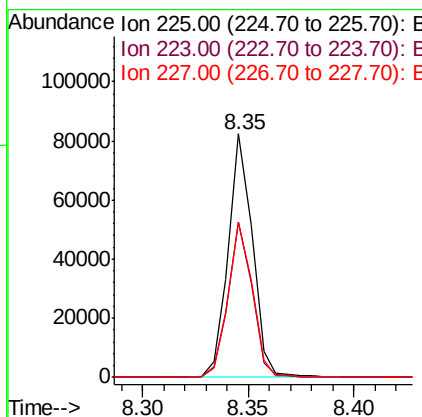
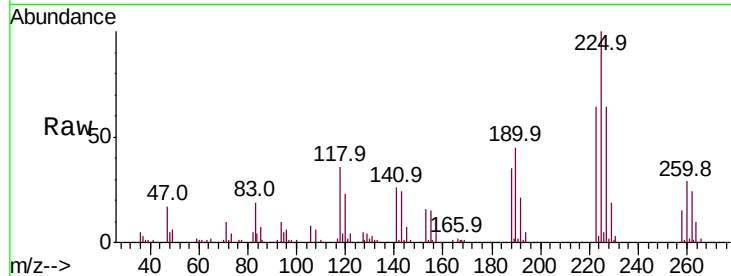
#34
Hexachlorobutadiene
Concen: 40.750 ng
RT: 8.35 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.4	77.2
227	63.9	51.0	76.6

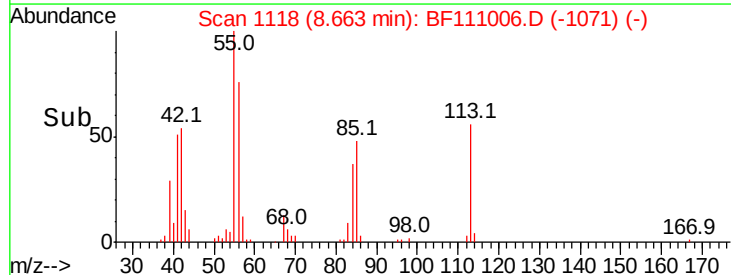
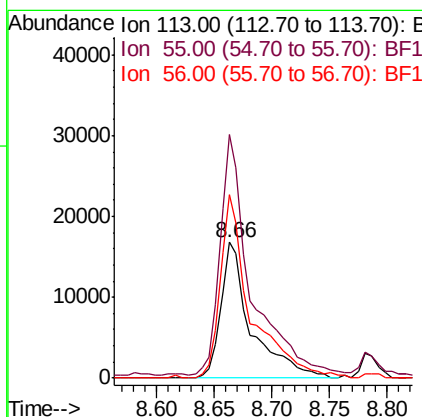
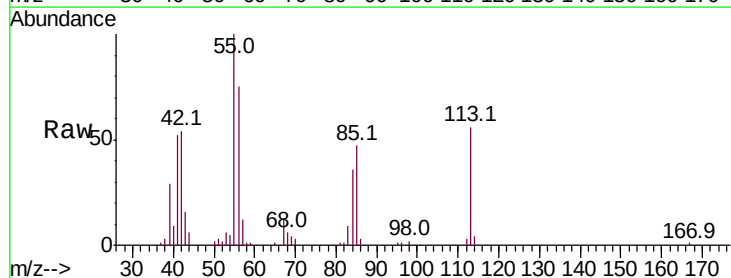
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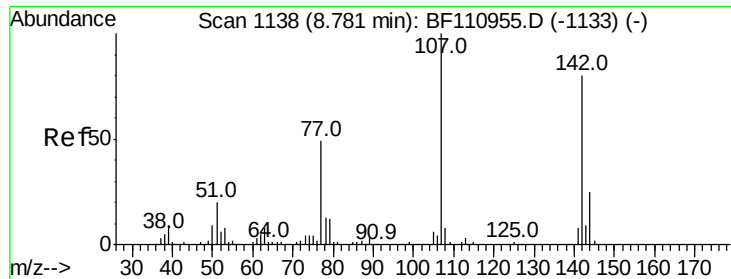
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#35
Caprolactam
Concen: 35.728 ng
RT: 8.66 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Lower	Upper
113	100		
55	179.1	142.8	182.8
56	135.0	105.0	145.0





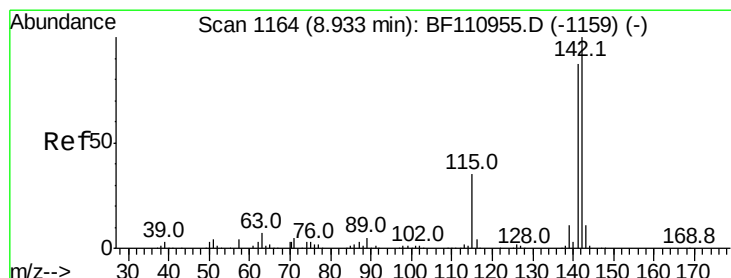
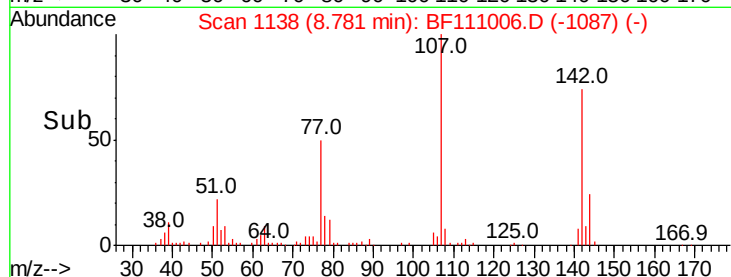
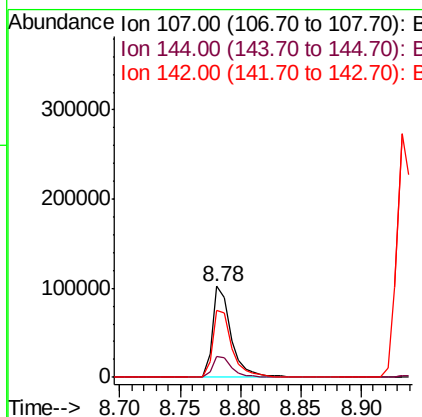
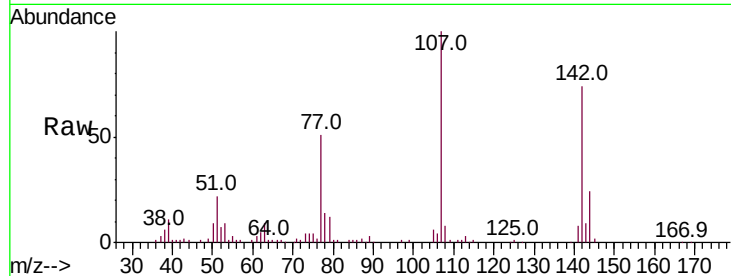
#36
4-Chloro-3-methylphenol
Concen: 39.046 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
144	23.6	20.0	30.0	
142	73.6	59.7	89.5	

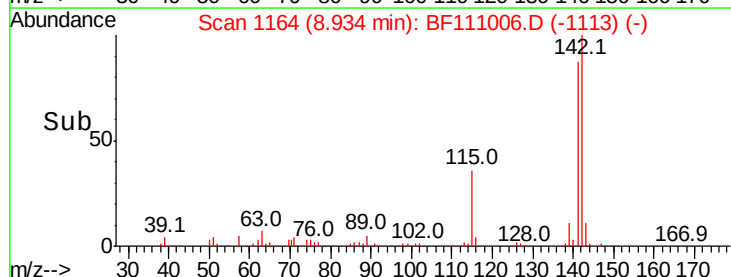
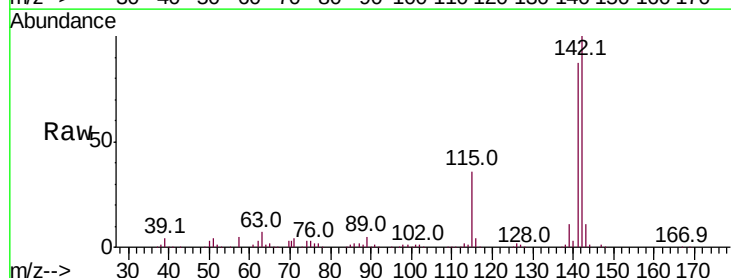
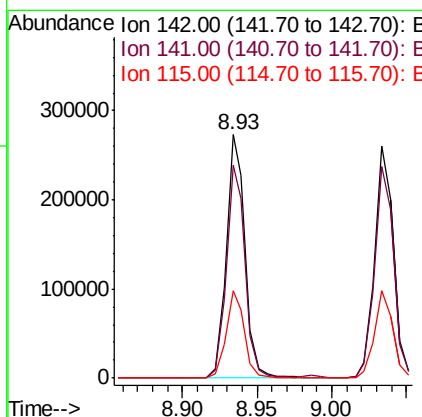
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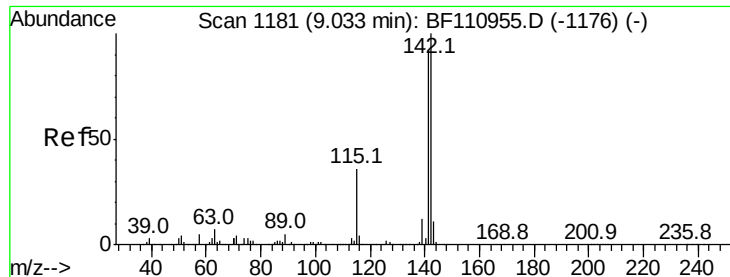
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#37
2-Methylnaphthalene
Concen: 43.835 ng
RT: 8.93 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	87.4	71.4	107.2	
115	35.9	28.7	43.1	





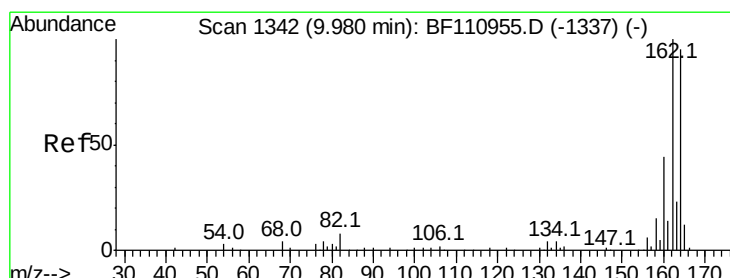
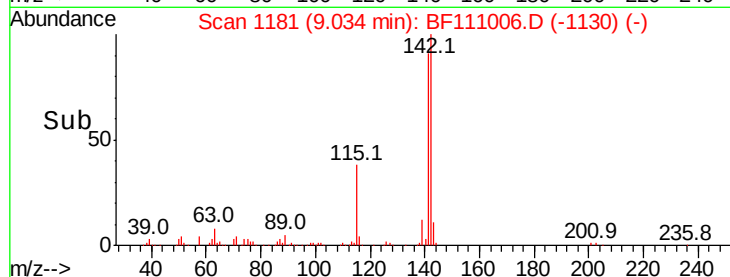
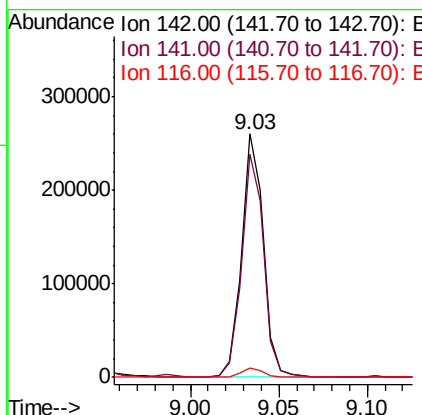
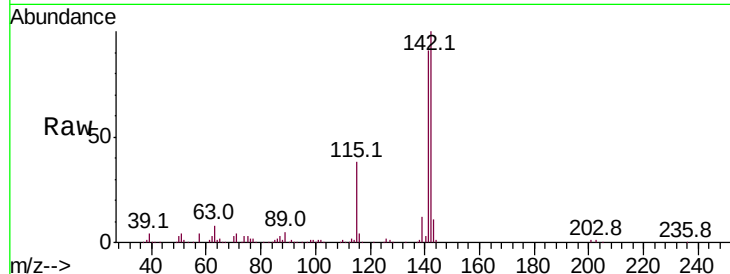
#38
1-Methylnaphthalene
Concen: 41.791 ng m
RT: 9.03 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100			
141	91.5	74.2	111.4	
116	4.0	2.6	4.0#	

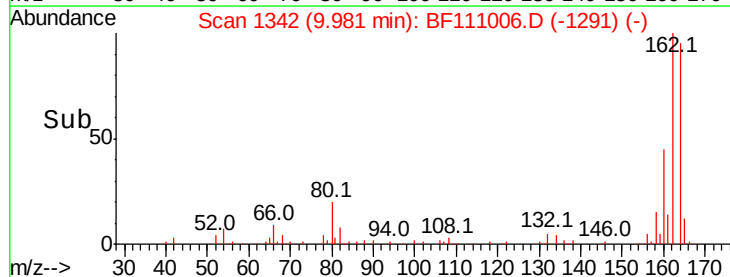
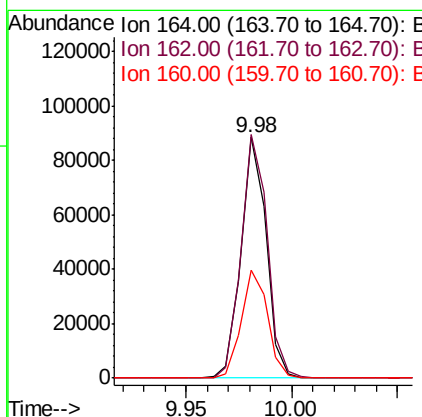
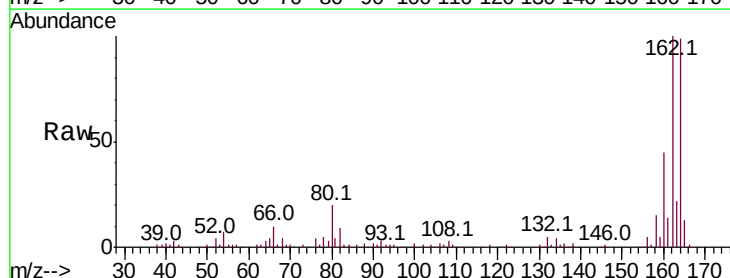
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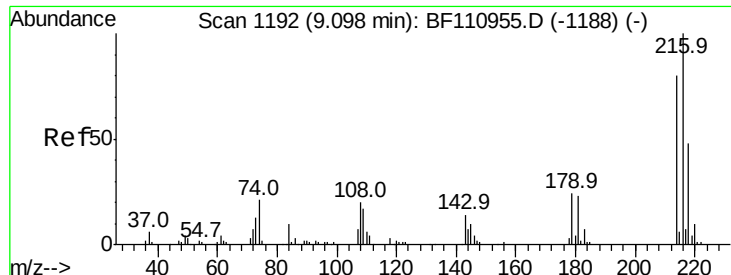
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.3	83.0	124.6	
160	45.1	37.0	55.6	





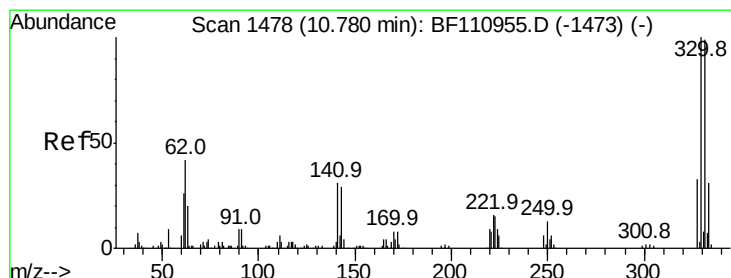
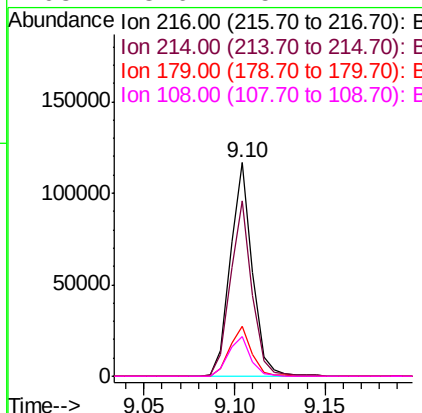
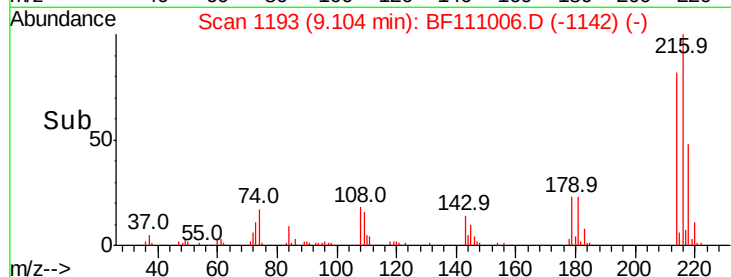
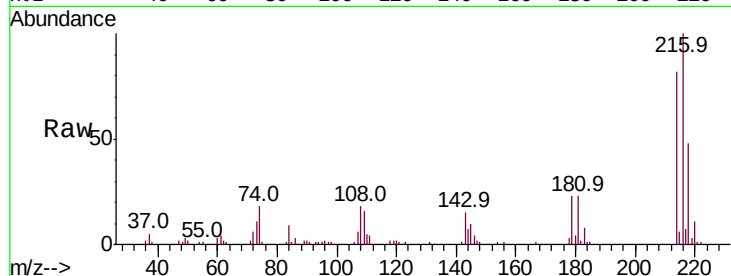
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.044 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BF111006.D
 Acq: 27 Nov 2018 13:38

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.8	63.8	95.6	
179	23.3	16.6	25.0	
108	18.6	15.1	22.7	

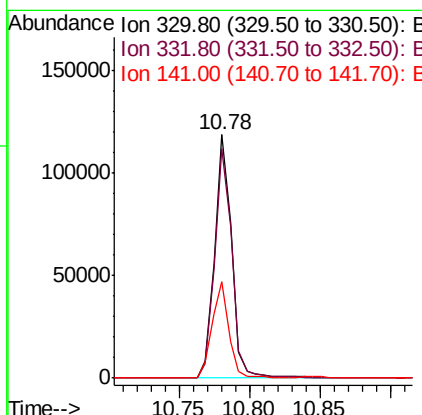
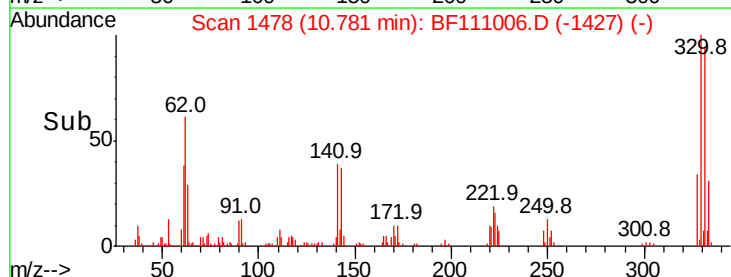
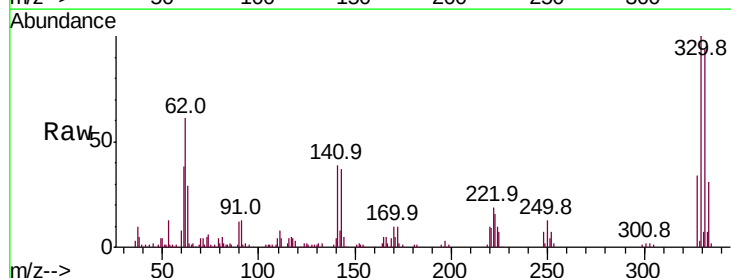
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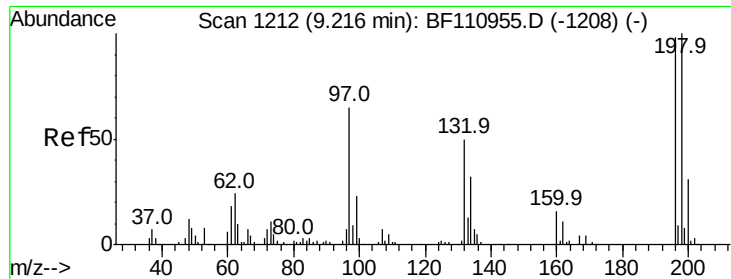
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#42
 2,4,6-Tribromophenol
 Concen: 138.024 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. 0.00 min
 Lab File: BF111006.D
 Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.7	77.1	115.7	
141	39.1	27.0	40.4	





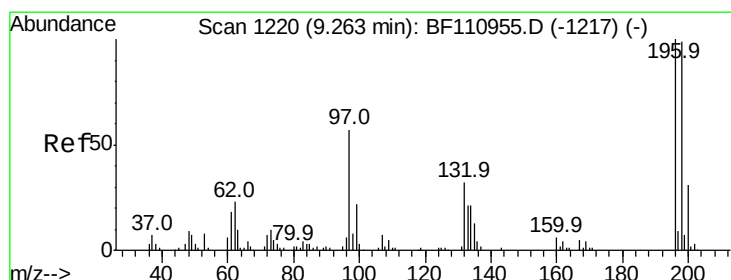
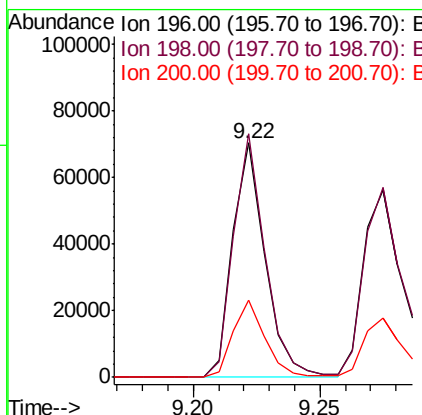
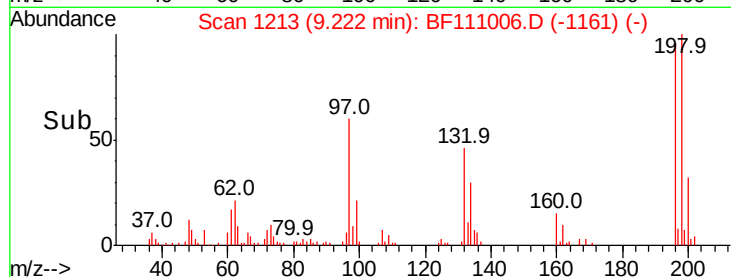
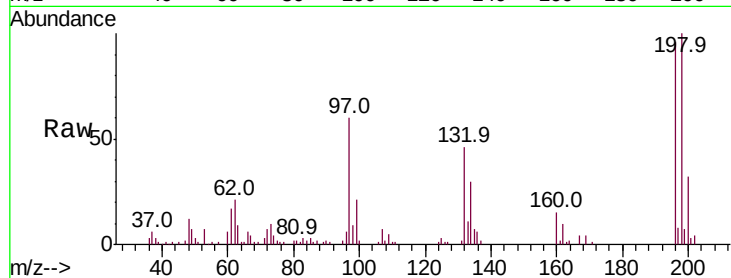
#43
 2,4,6-Trichlorophenol
 Concen: 46.068 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF111006.D
 Acq: 27 Nov 2018 13:38

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	63029		
198	103.8		76.2	114.4
200	33.0		24.4	36.6

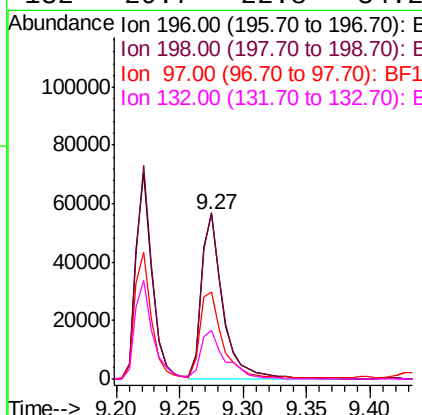
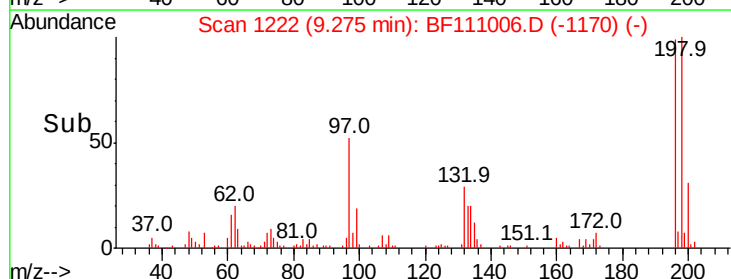
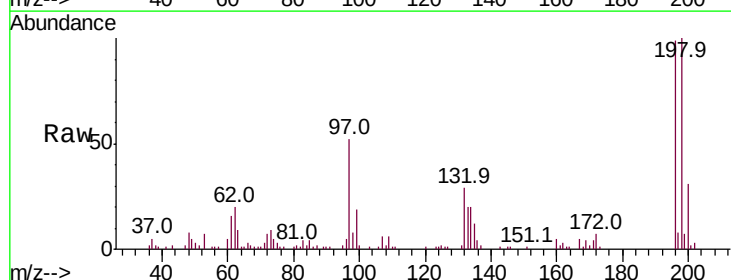
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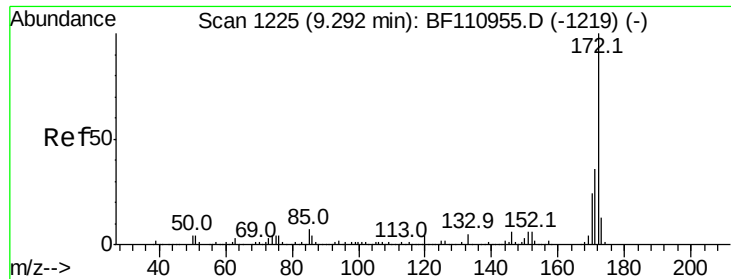
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#44
 2,4,5-Trichlorophenol
 Concen: 46.016 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.01 min
 Lab File: BF111006.D
 Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	66291		
198	101.4		75.8	113.6
97	53.2		42.4	63.6
132	29.7		22.8	34.2





#45

2-Fluorobiphenyl

Concen: 102.280 ng

RT: 9.29 min Scan# 1225

Delta R.T. 0.00 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Instrument :

BNA_F

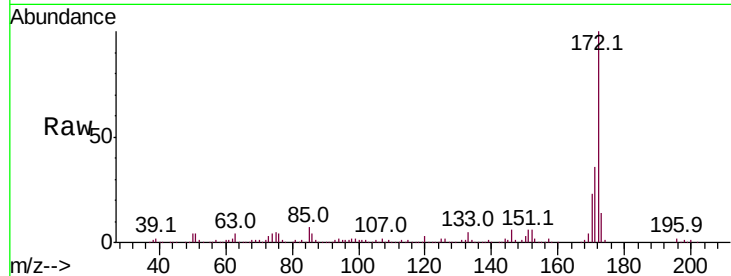
ClientSampleId :

COMP-3MSD

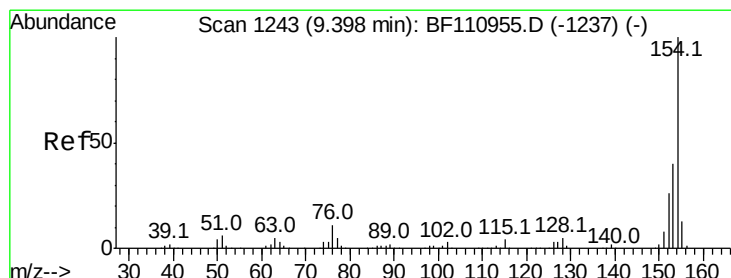
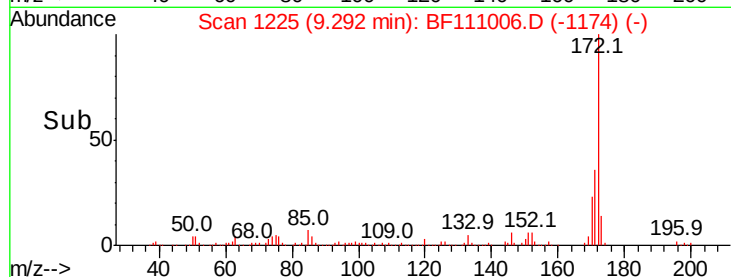
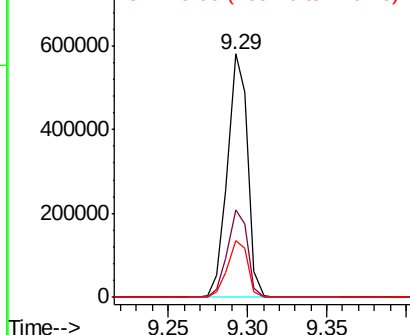
Tot Ion:	172	Resp:	514105
Ion Ratio	Lower	Upper	
172	100		
171	35.7	28.6	43.0
170	23.5	19.7	29.5

Manual Integrations
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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: 41.937 ng

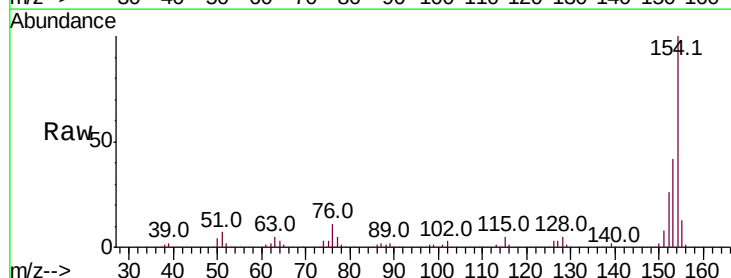
RT: 9.40 min Scan# 1243

Delta R.T. 0.00 min

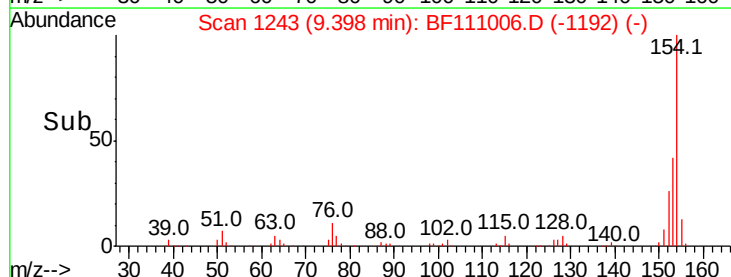
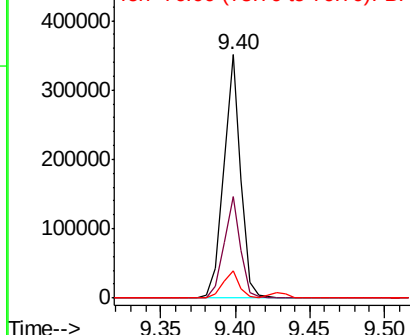
Lab File: BF111006.D

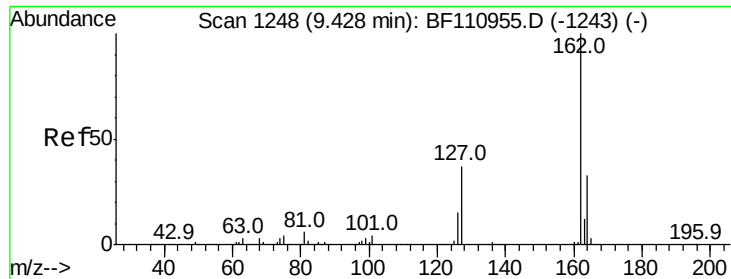
Acq: 27 Nov 2018 13:38

Tgt Ion:	154	Resp:	281554
Ion Ratio	Lower	Upper	
154	100		
153	41.6	20.4	60.4
76	11.0	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





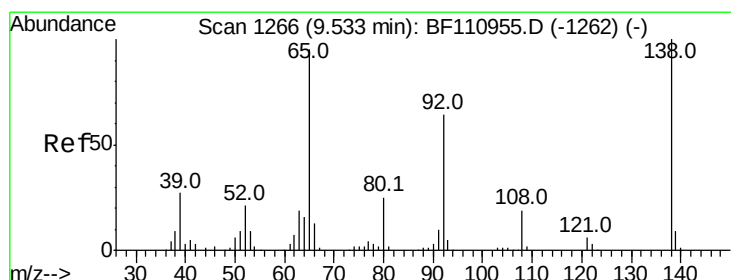
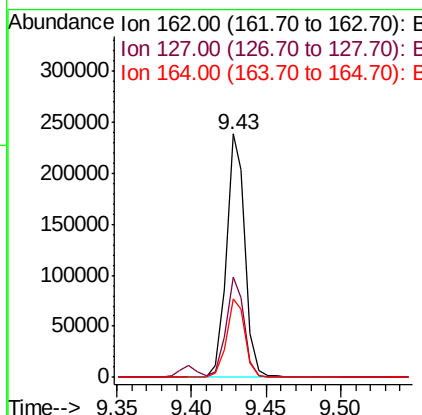
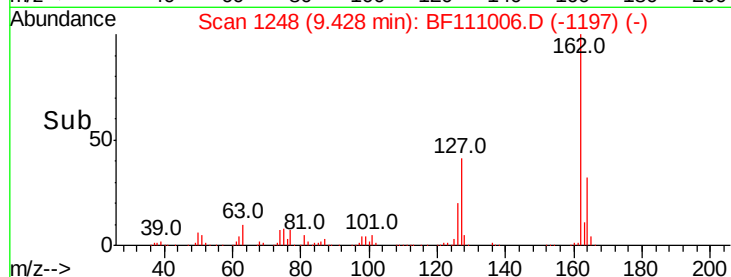
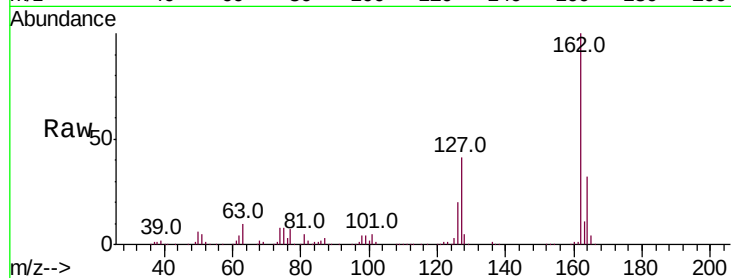
#47
2-Chloronaphthalene
Concen: 43.240 ng
RT: 9.43 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	210486		
127	41.4	32.6	48.8	
164	32.3	25.9	38.9	

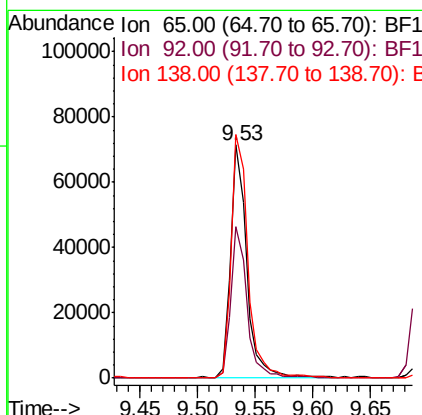
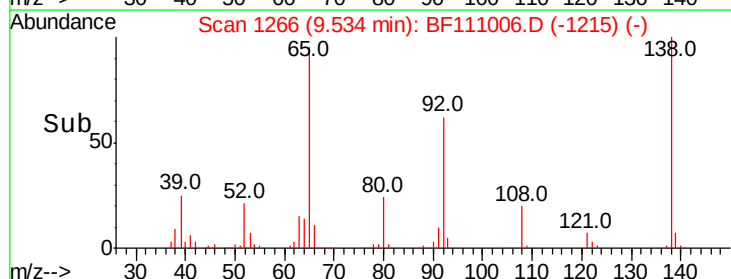
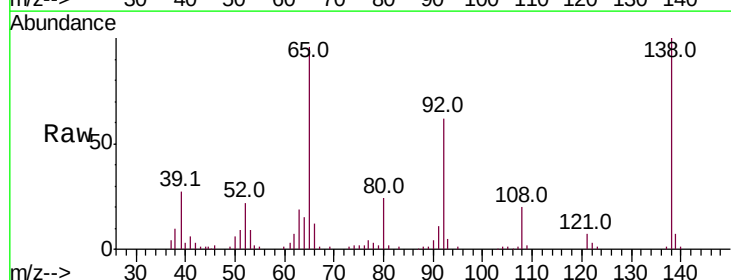
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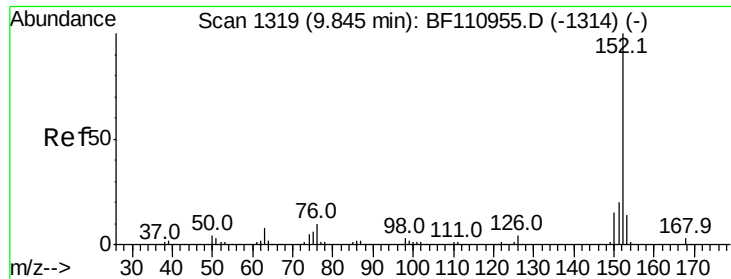
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#48
2-Nitroaniline
Concen: 45.747 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	69655		
92	65.0	54.6	81.8	
138	104.4	80.3	120.5	





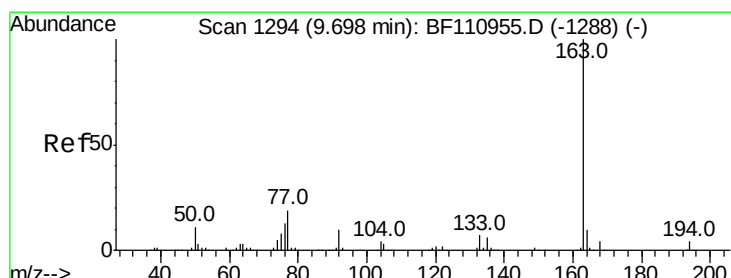
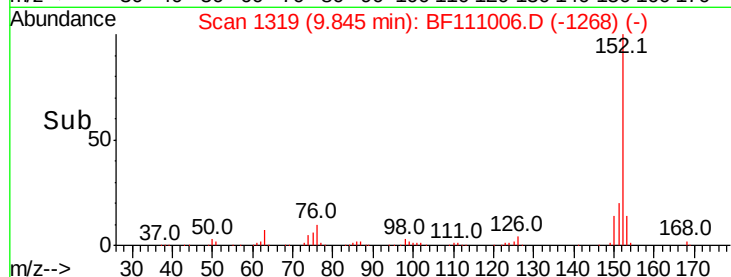
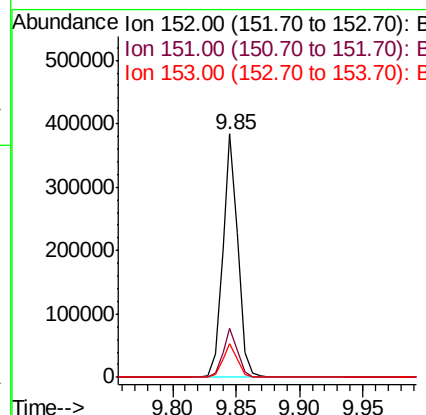
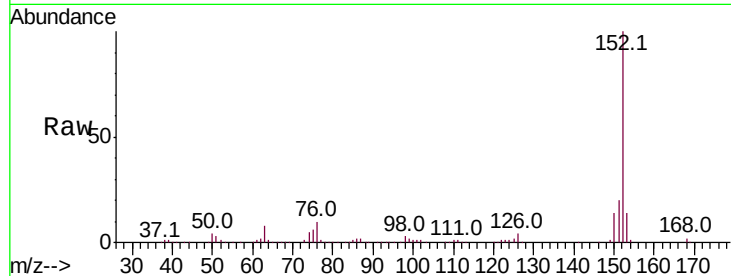
#49
 Acenaphthylene
 Concen: 46.327 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF111006.D
 Acq: 27 Nov 2018 13:38

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
152	100	320677		
151	20.3		15.8	23.8
153	13.6		10.4	15.6

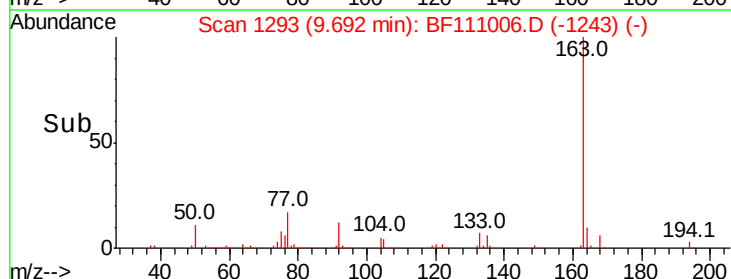
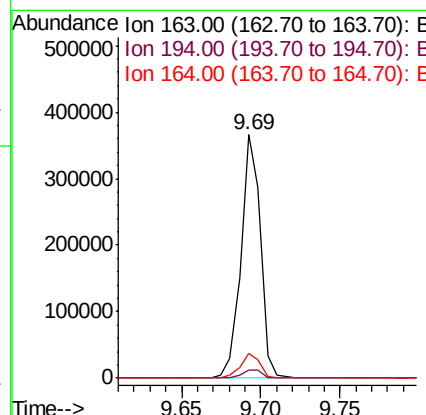
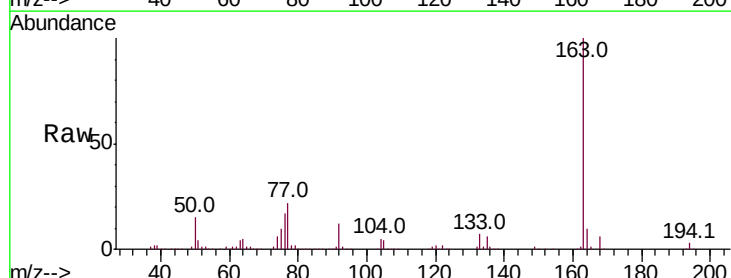
Manual Integrations
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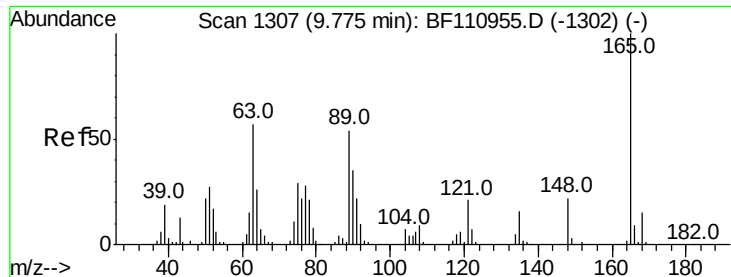
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#50
 Dimethylphthalate
 Concen: 58.335 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF111006.D
 Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	311556		
194	3.2		3.2	4.8#
164	10.1		8.1	12.1





#51

2,6-Dinitrotoluene

Concen: 40.768 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Instrument :

BNA_F

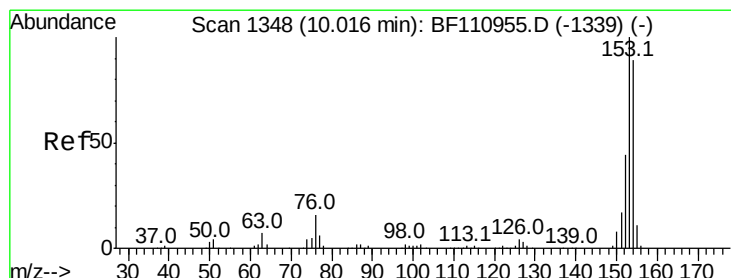
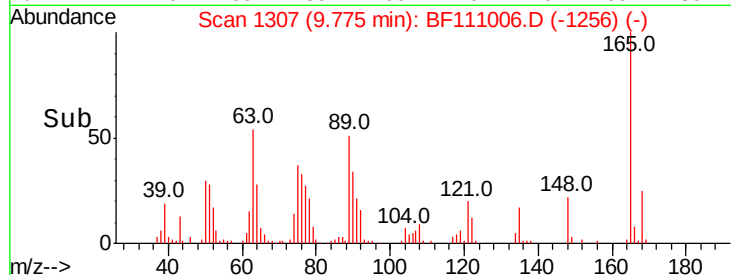
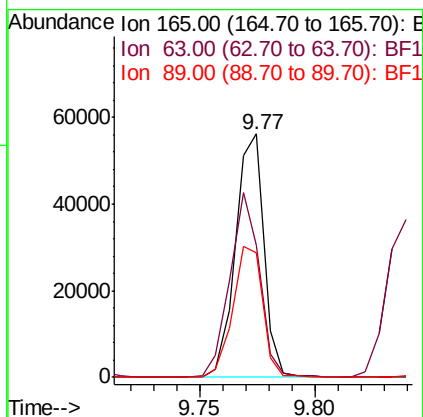
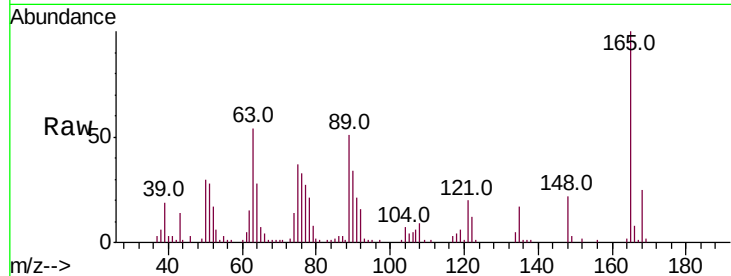
ClientSampleId :

COMP-3MSD

Tot Ion:	165	Resp:	48472
Ion Ratio	Lower	Upper	
165	100		
63	54.4	48.9	73.3
89	51.2	46.6	69.8

Manual Integrations
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#52

Acenaphthene

Concen: 43.444 ng

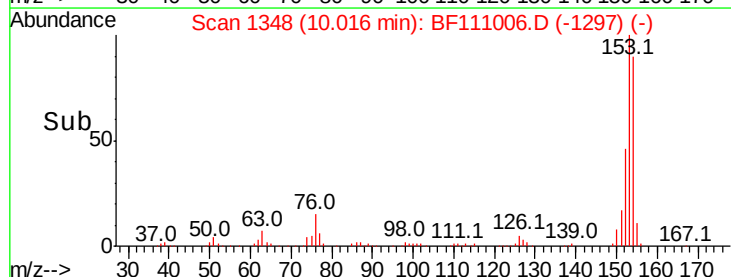
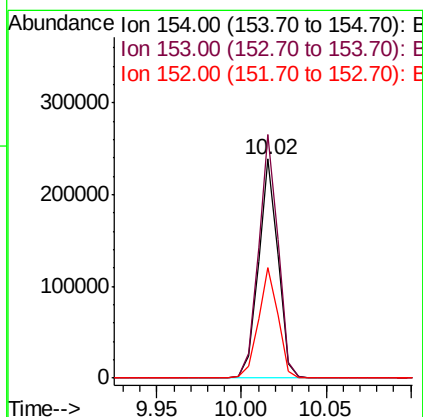
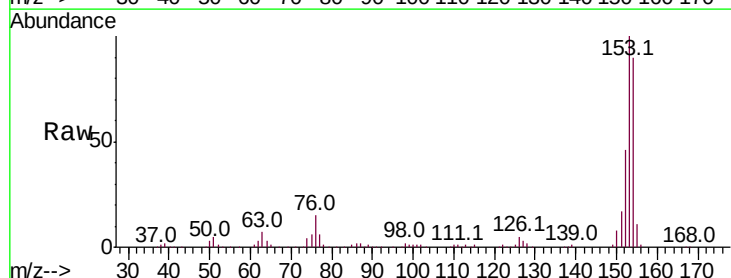
RT: 10.02 min Scan# 1348

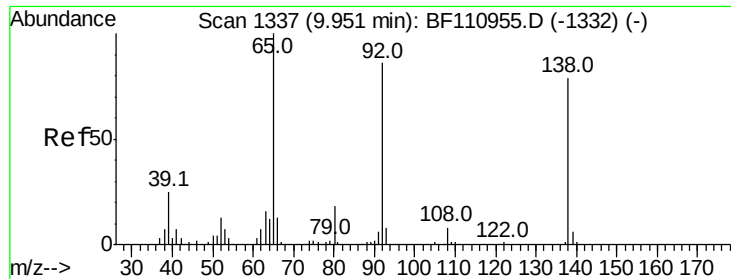
Delta R.T. 0.00 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Tgt Ion:	154	Resp:	192780
Ion Ratio	Lower	Upper	
154	100		
153	111.1	90.1	135.1
152	50.7	43.4	65.2





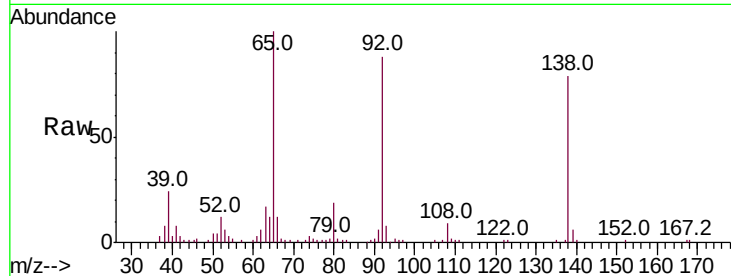
#53
3-Nitroaniline
Concen: 36.942 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.5	8.7	13.1
92	111.3	97.0	145.4

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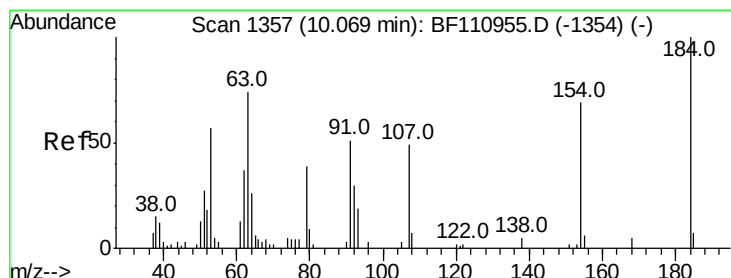
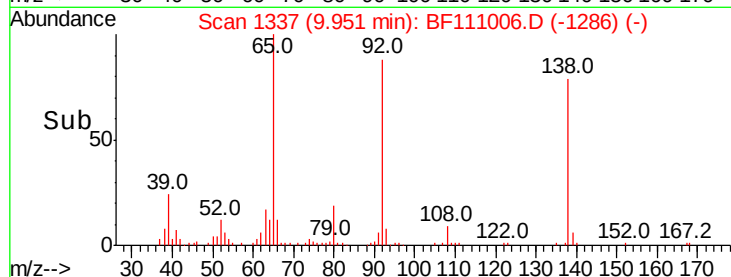
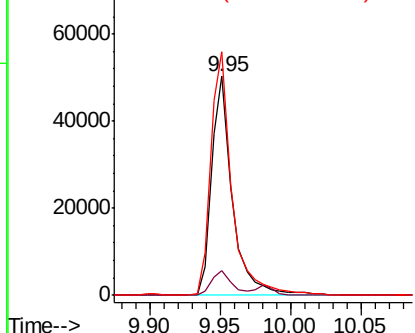


Abundance

Ion 138.00 (137.70 to 138.70): E

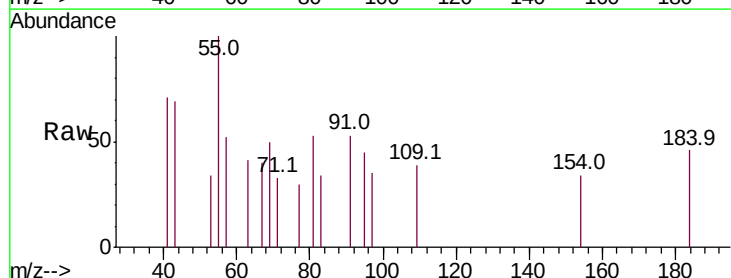
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 4.407 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.03 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Lower	Upper
184	100		
63	88.8	55.8	83.6#
154	72.9	63.2	94.8

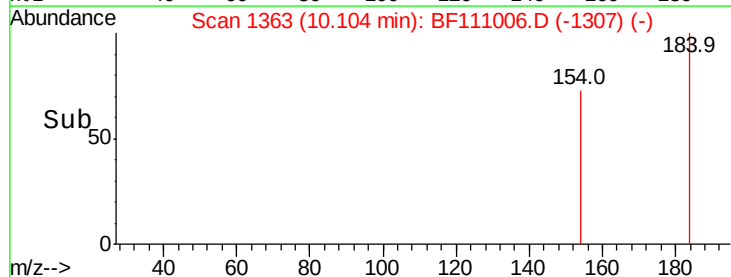
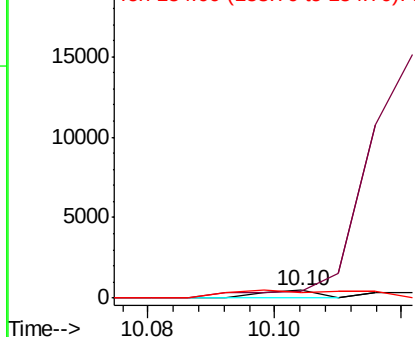


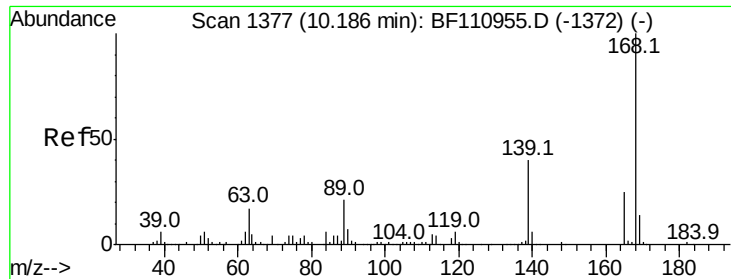
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





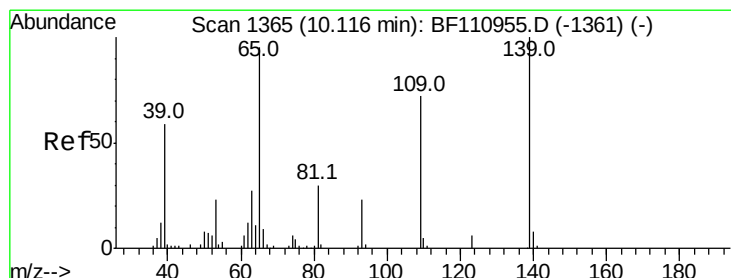
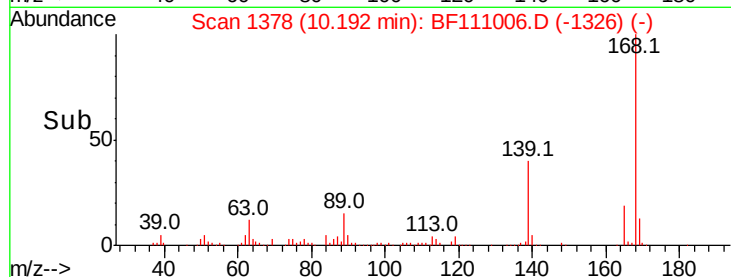
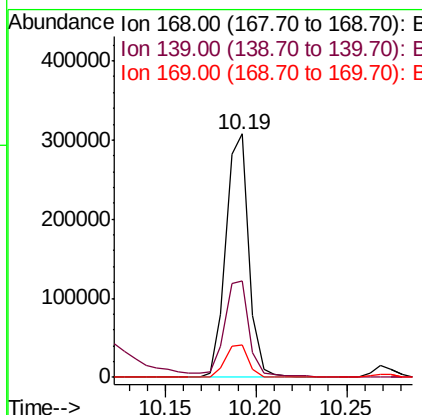
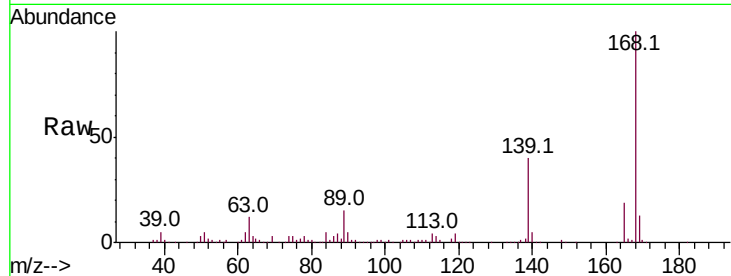
#55
Dibenzofuran
Concen: 42.130 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.8	33.0	49.6
169	13.3	11.3	16.9

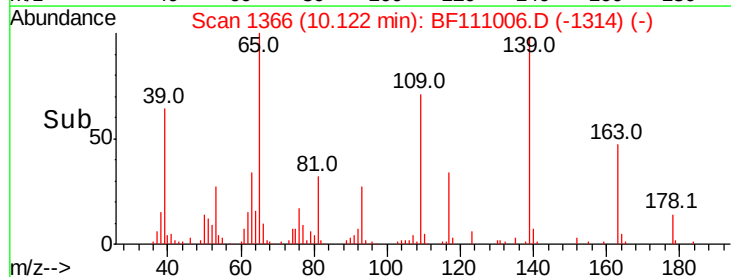
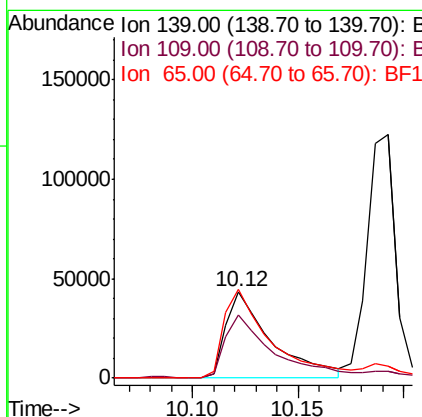
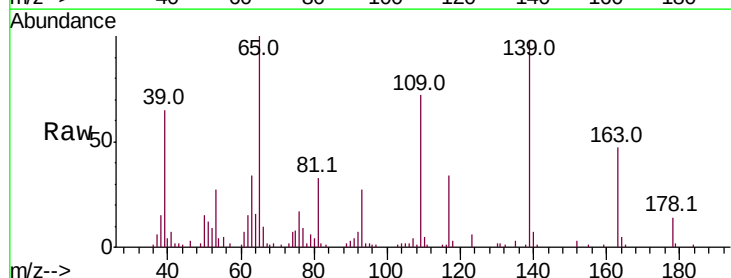
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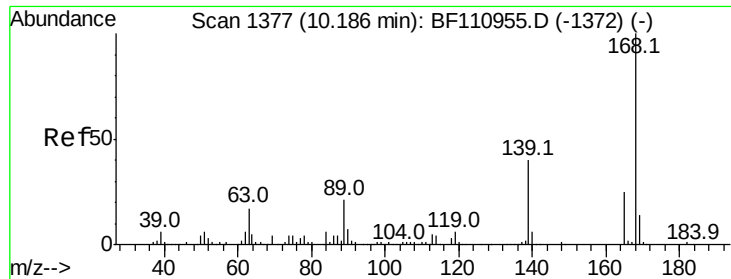
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#56
4-Nitrophenol
Concen: 83.592 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.8	55.8	95.8
65	102.4	77.9	117.9





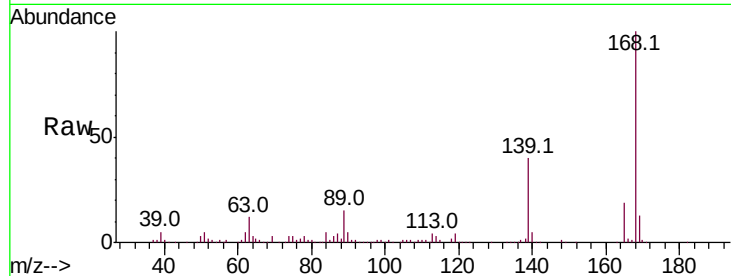
#57
2,4-Dinitrotoluene
Concen: 39.167 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	60418		
63	63.7	44.8	67.2	
89	79.3	62.2	93.4	
182	2.5	2.1	3.1	

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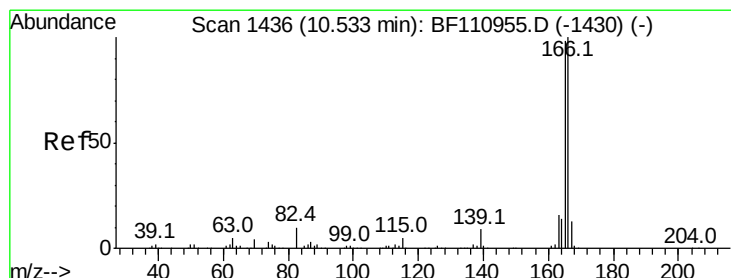
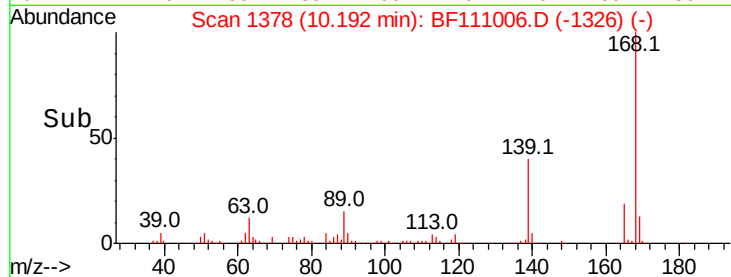
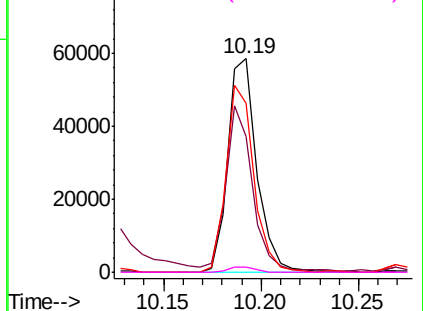
Abundance

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

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.636 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

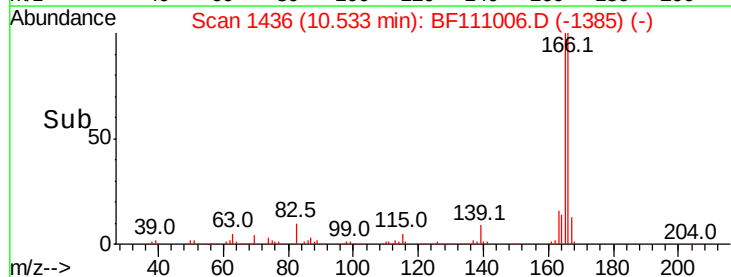
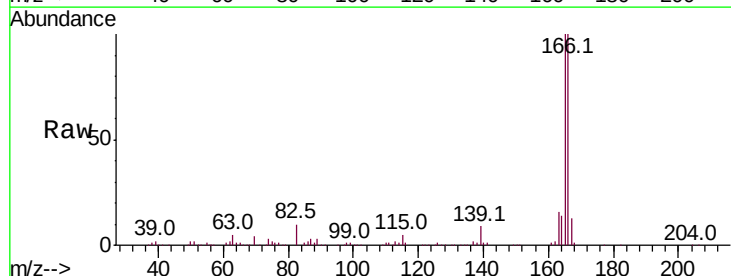
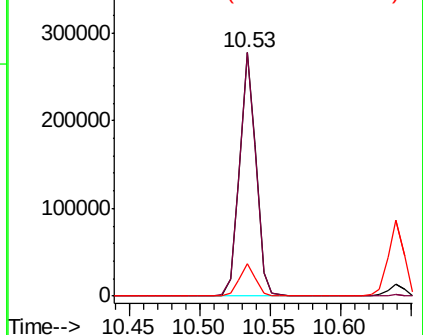
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	224822		
165	99.9	78.6	117.8	
167	13.3	10.8	16.2	

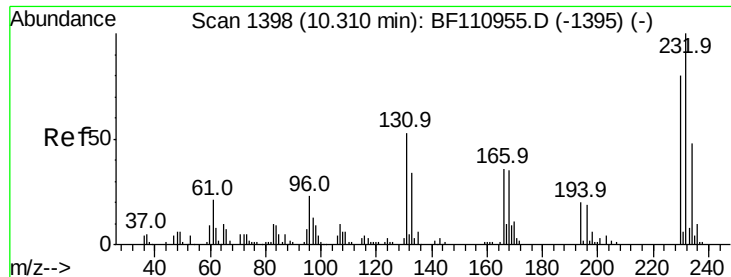
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





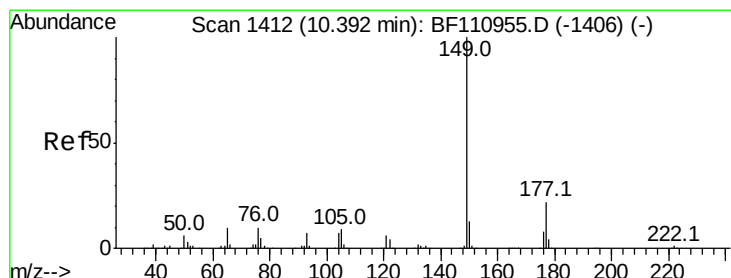
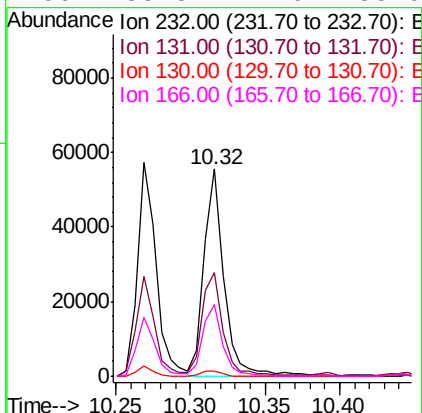
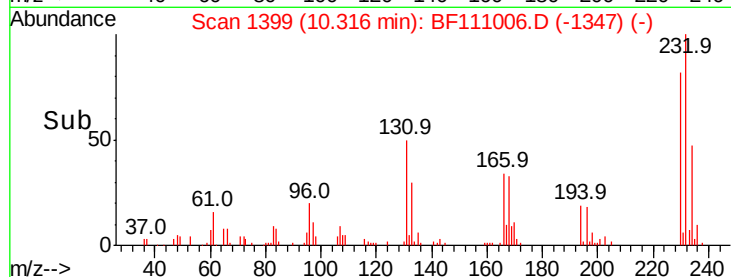
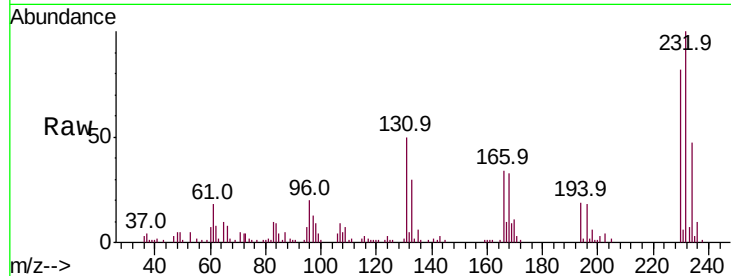
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.954 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF111006.D
 Acq: 27 Nov 2018 13:38

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	52.2	37.0	55.4
130	2.4	1.8	2.6
166	33.8	22.0	33.0#

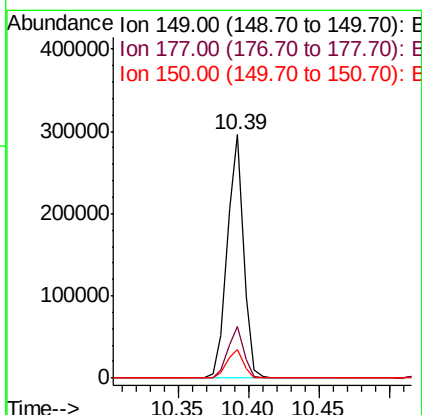
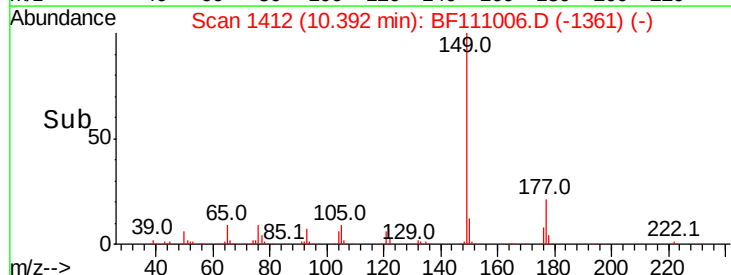
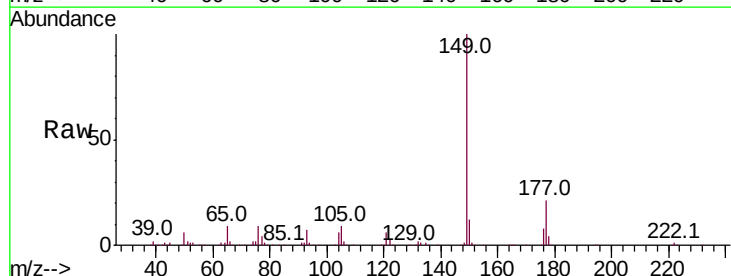
Manual Integrations
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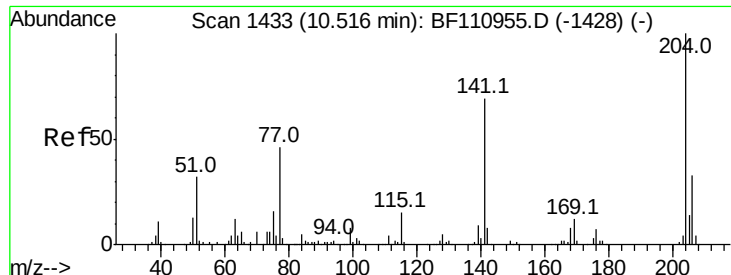
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#60
 Diethylphthalate
 Concen: 43.161 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF111006.D
 Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.4	26.2
150	12.0	9.8	14.8





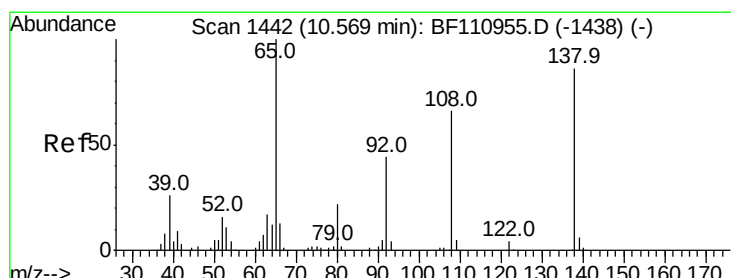
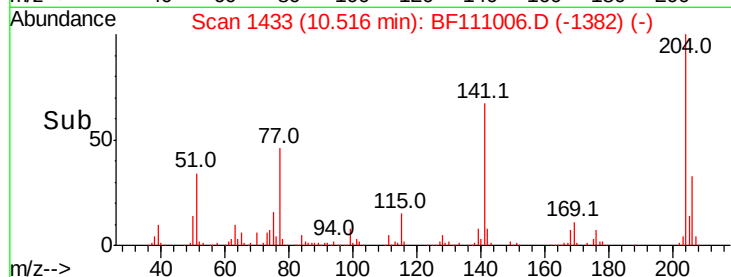
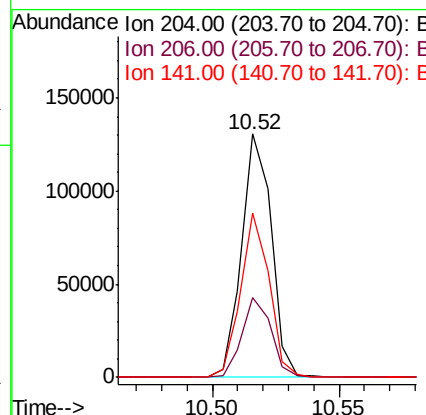
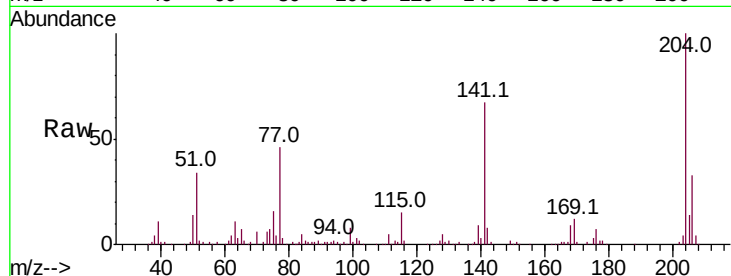
#61
4-Chlorophenyl-phenylether
Concen: 40.363 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.5	39.7
141	67.3	51.8	77.8

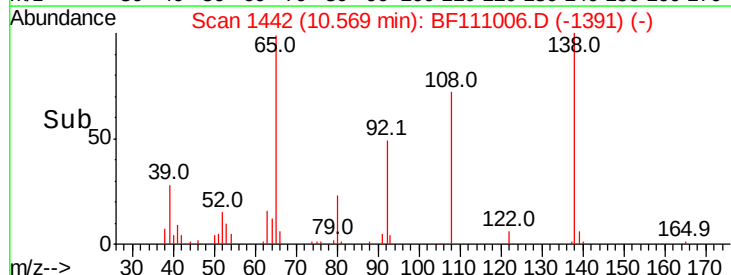
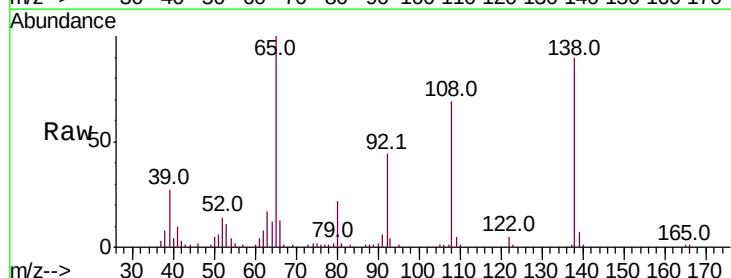
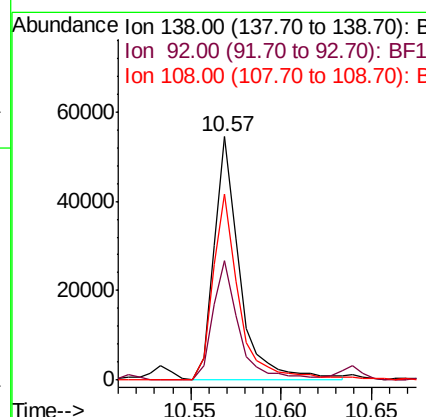
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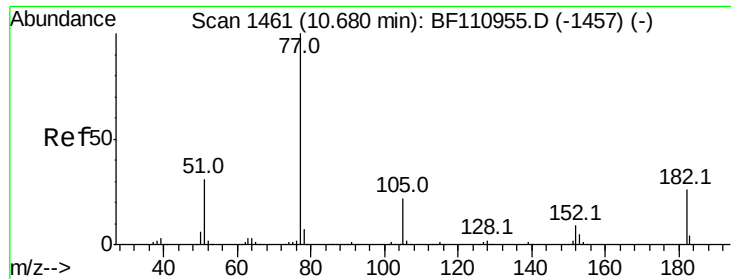
mohammad
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#62
4-Nitroaniline
Concen: 41.623 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.1	31.7	71.7
108	76.5	59.3	99.3





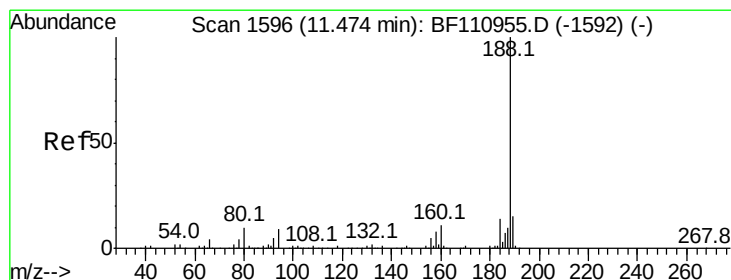
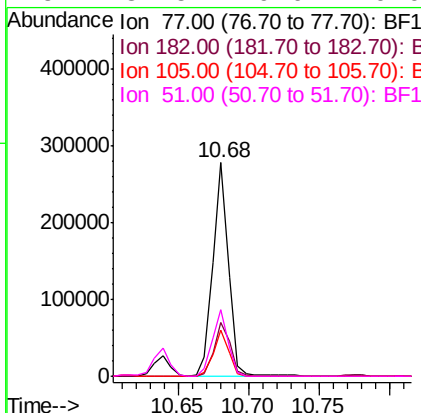
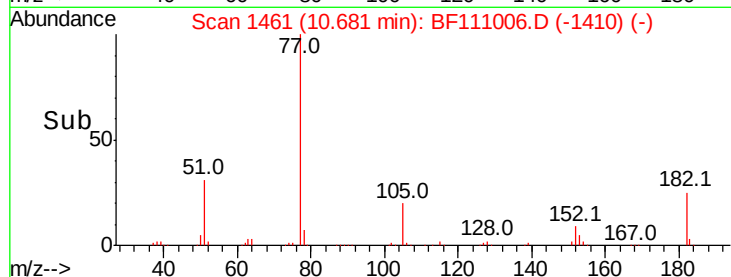
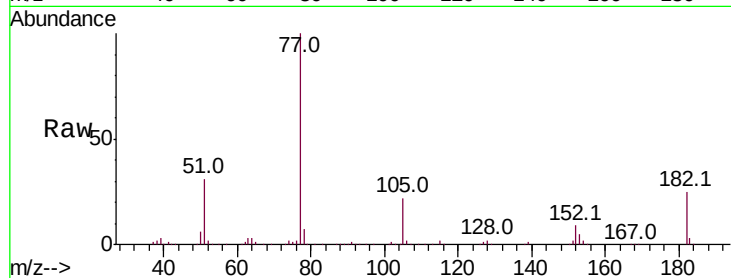
#63
Azobenzene
Concen: 39.678 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.1	4.3	44.3	
105	21.8	1.3	41.3	
51	31.5	9.0	49.0	

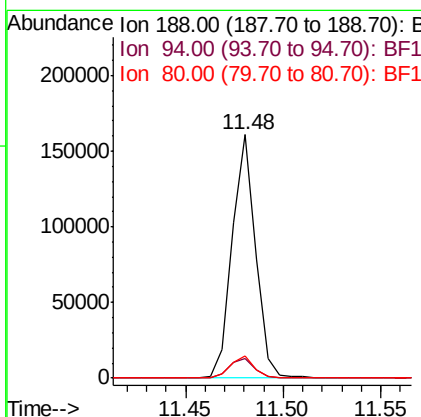
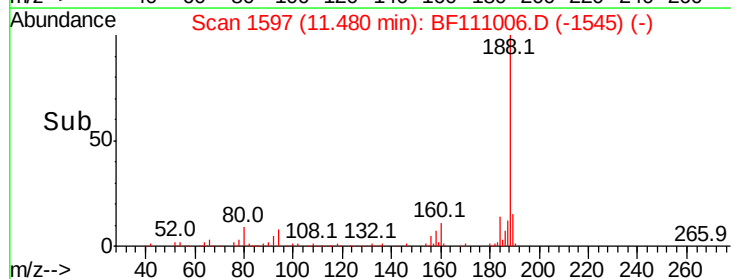
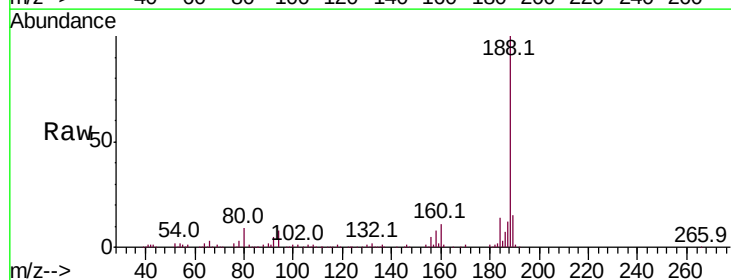
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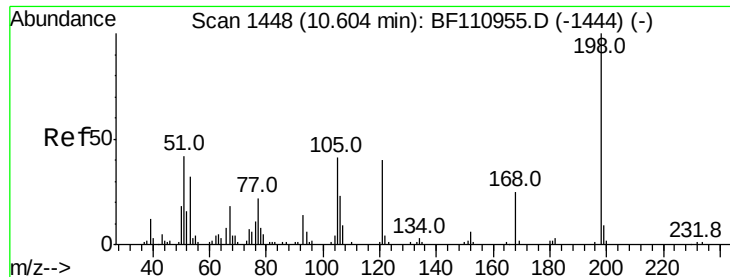
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.3	7.2	10.8	
80	8.9	7.9	11.9	





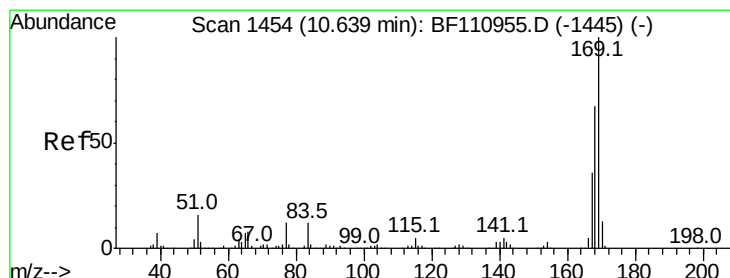
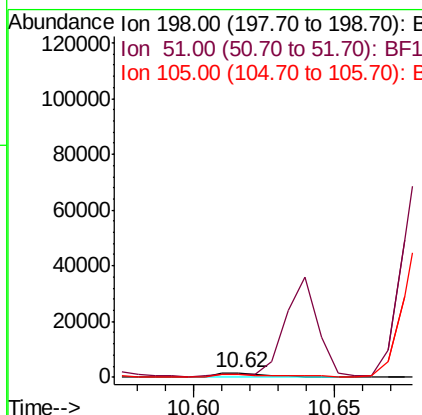
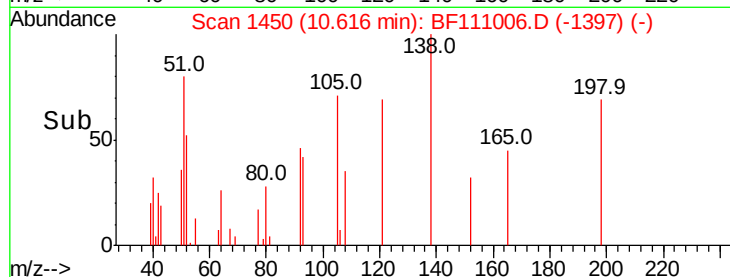
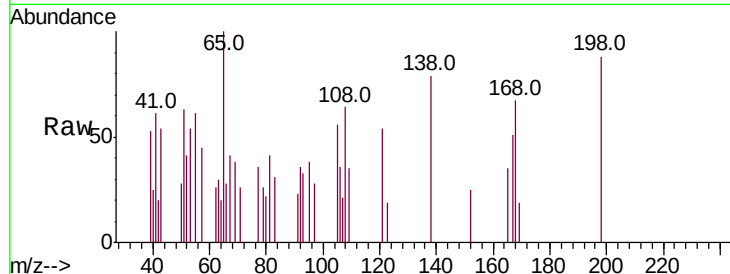
#65
4,6-Dinitro-2-methylphenol
Concen: 3.157 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Instrument :
BNA_F
ClientSampled :
COMP-3MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	72.1	22.8	62.8#
105	64.0	23.6	63.6#

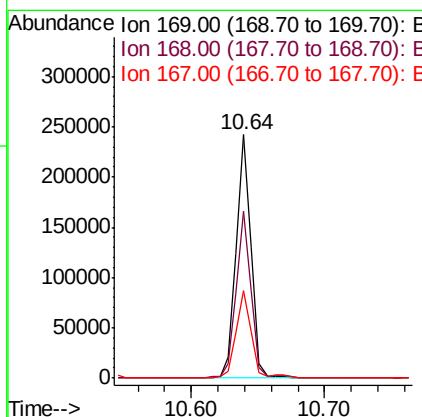
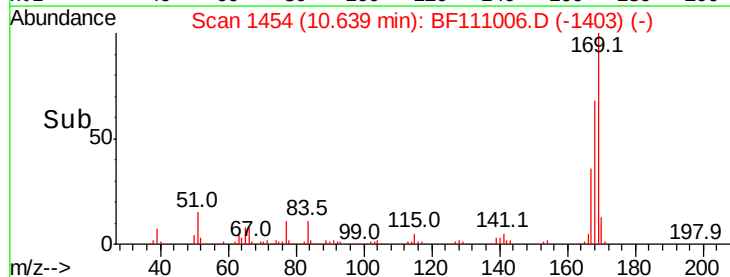
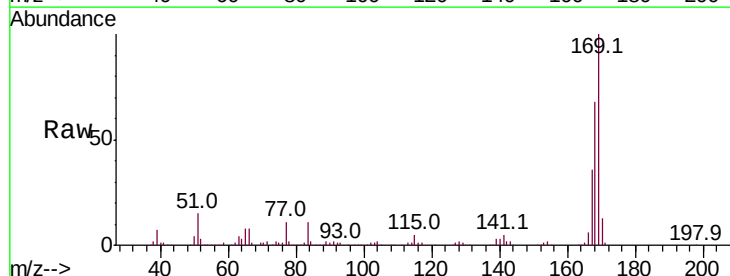
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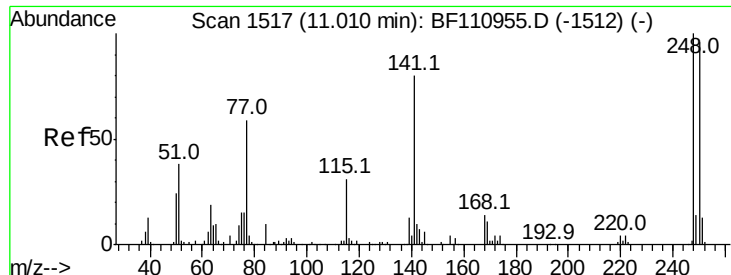
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#66
n-Nitrosodiphenylamine
Concen: 42.657 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.4	51.2	76.8
167	36.0	27.8	41.6





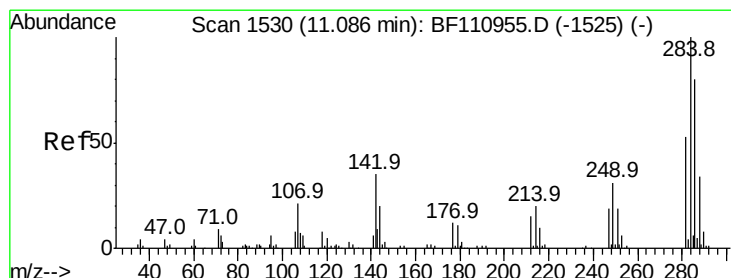
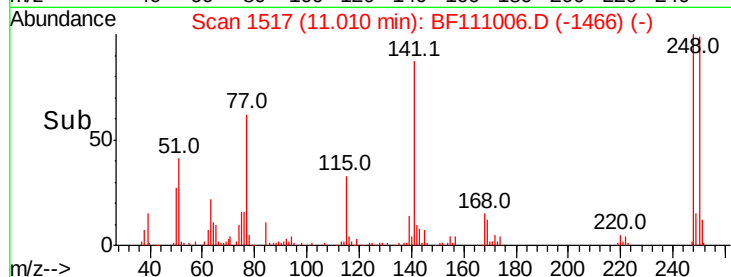
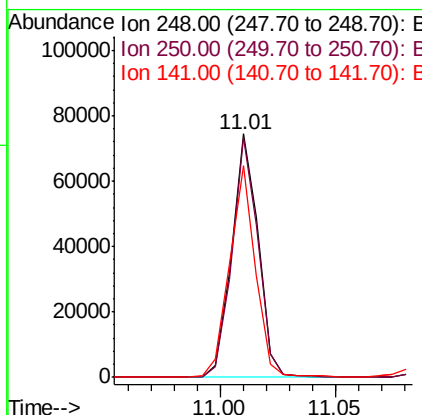
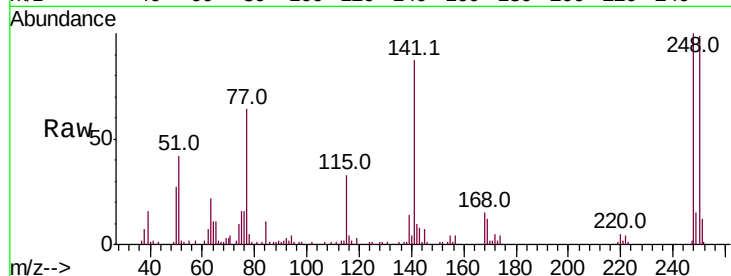
#67
 4-Bromophenyl-phenylether
 Concen: 40.734 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. 0.00 min
 Lab File: BF111006.D
 Acq: 27 Nov 2018 13:38

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	79.4	119.2
141	86.9	55.9	83.9#

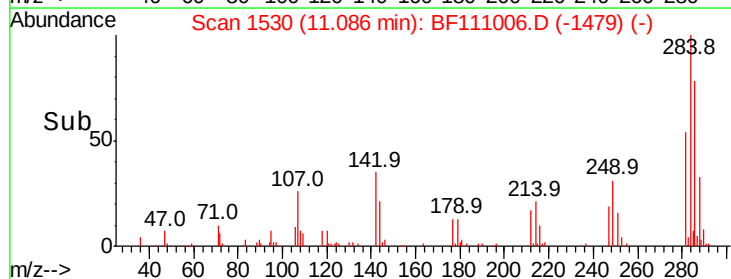
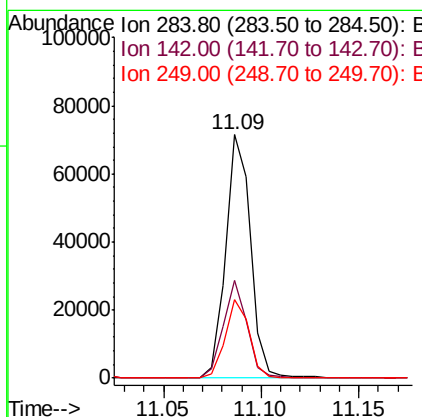
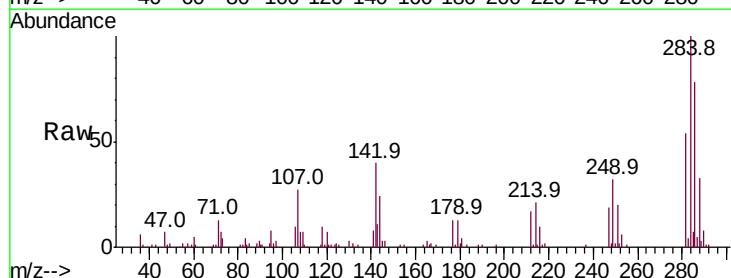
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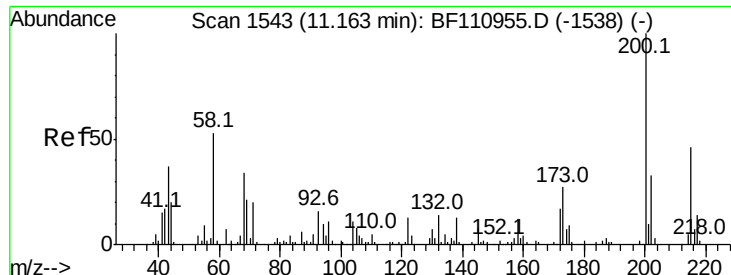
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#68
 Hexachlorobenzene
 Concen: 40.453 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: BF111006.D
 Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.1	23.9	35.9#
249	32.4	24.2	36.2





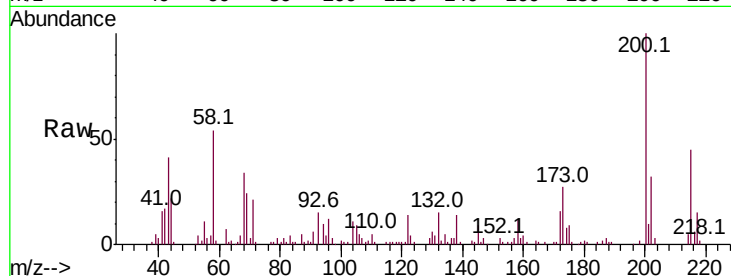
#69
Atrazine
Concen: 52.560 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

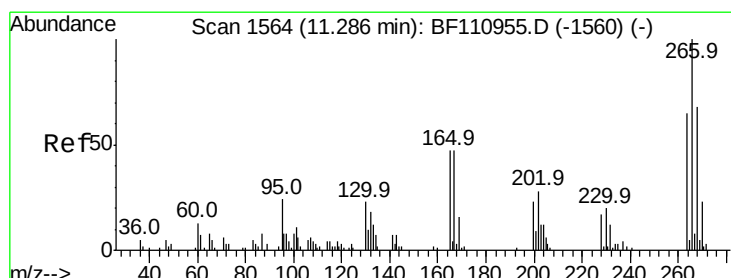
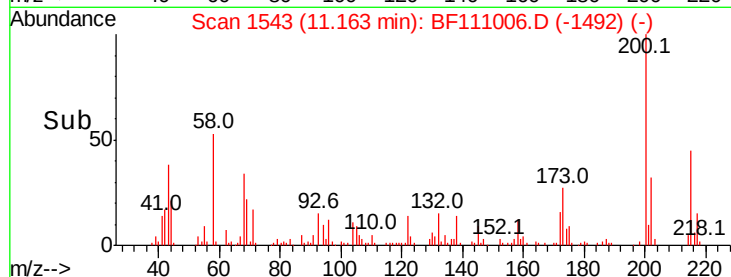
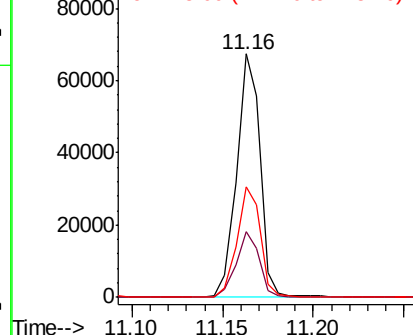
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.6	46.6
215	45.4	26.3	66.3

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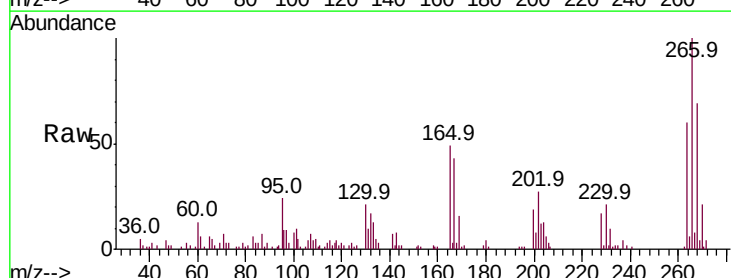


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

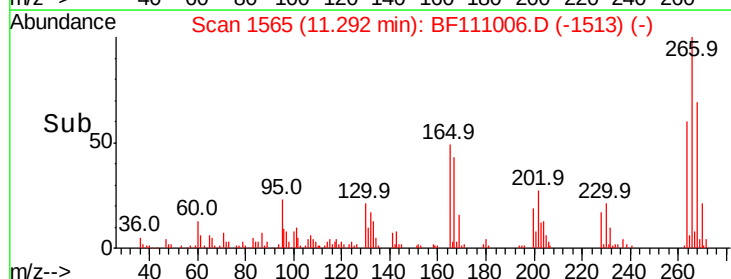
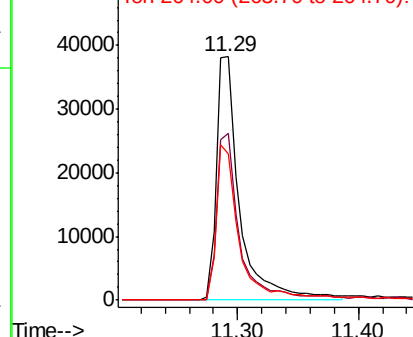


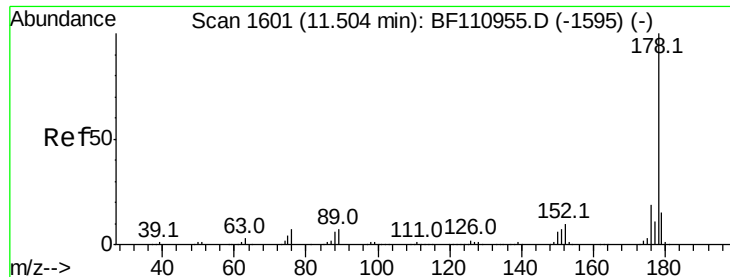
#70
Pentachlorophenol
Concen: 81.614 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.6	50.6	75.8
264	60.3	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: 53.399 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.00 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

Tot Ion:178 Resp: 379372

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

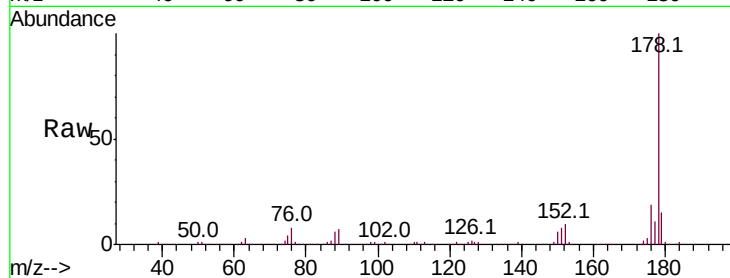
179 15.1 12.5 18.7

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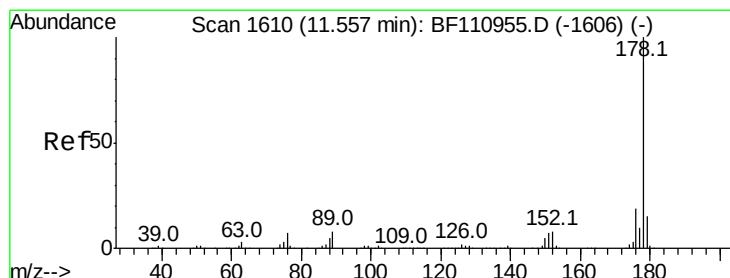
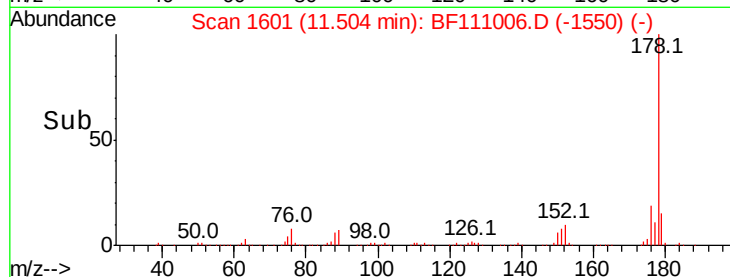
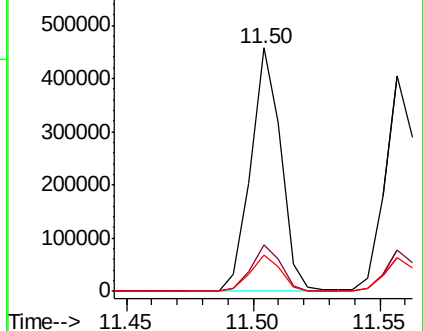
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.535 ng

RT: 11.56 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Tgt Ion:178 Resp: 351159

Ion Ratio Lower Upper

178 100

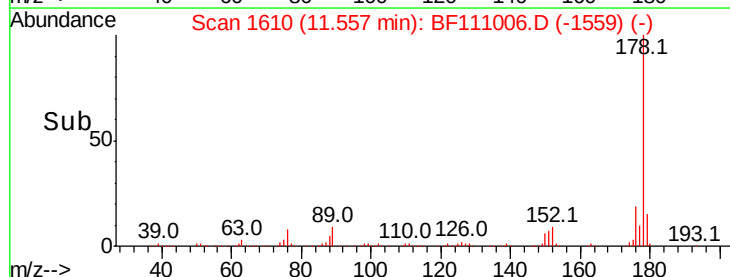
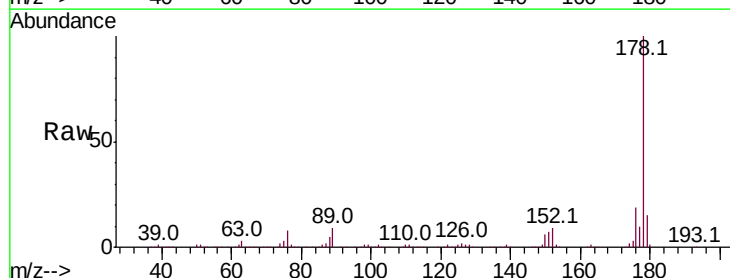
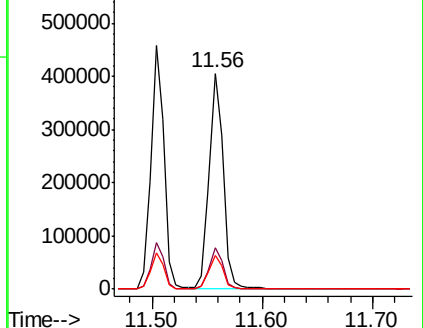
176 19.0 15.4 23.2

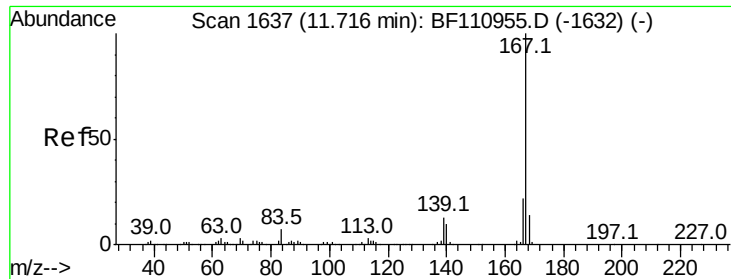
179 15.5 12.6 18.8

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





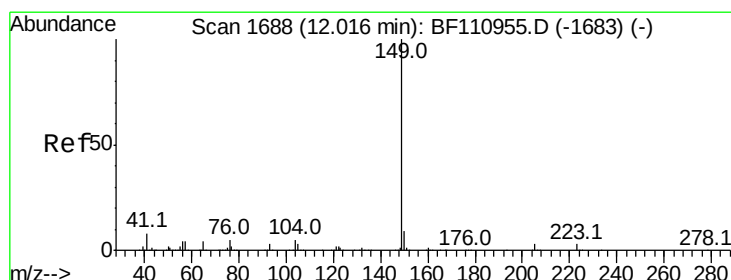
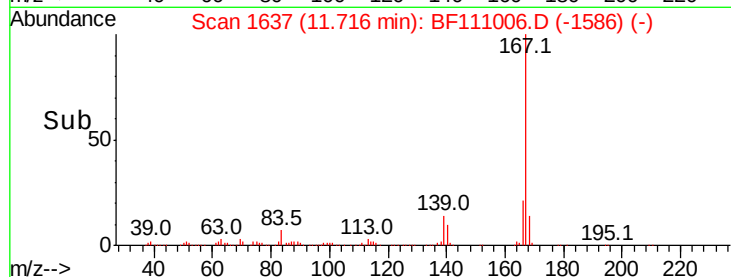
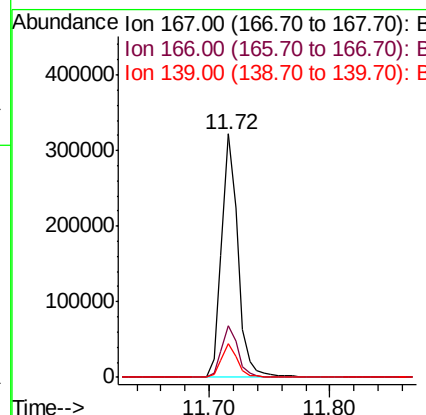
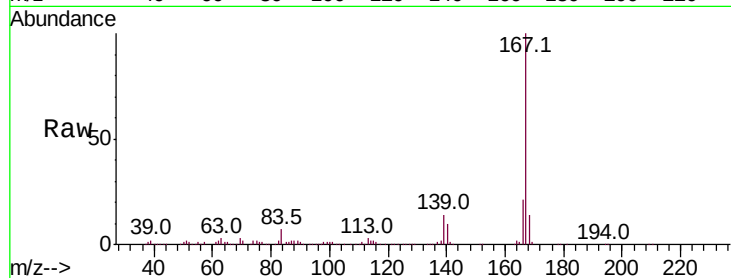
#73
 Carbazole
 Concen: 42.589 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF111006.D
 Acq: 27 Nov 2018 13:38

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.4	26.0
139	13.6	10.9	16.3

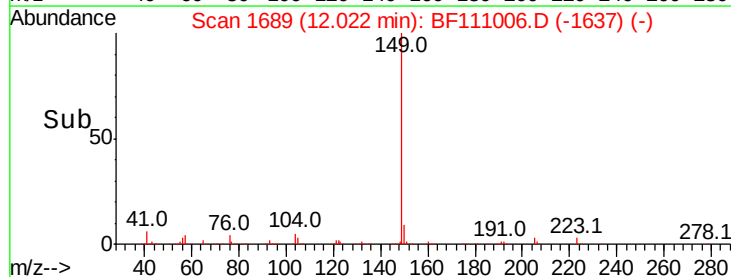
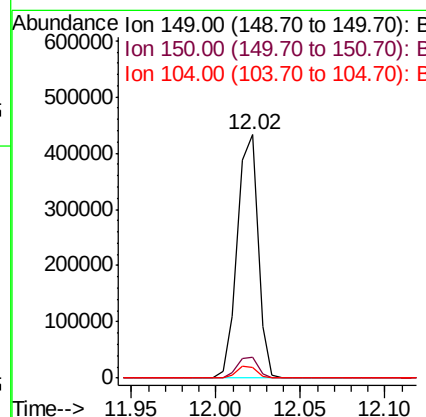
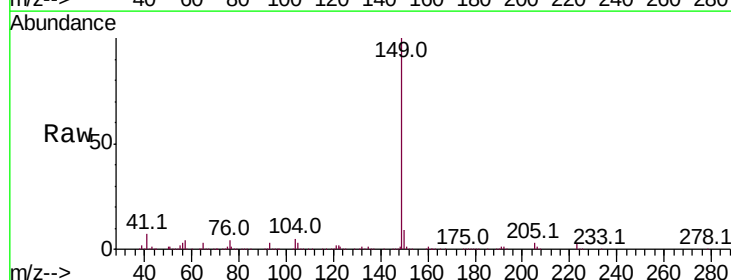
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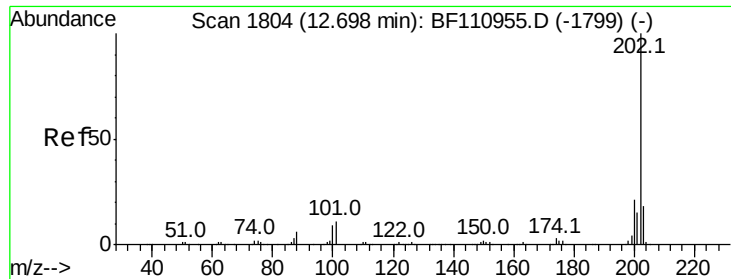
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#74
 Di-n-butylphthalate
 Concen: 44.907 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. 0.01 min
 Lab File: BF111006.D
 Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.7	11.5
104	4.6	4.2	6.4





#75

Fluoranthene

Concen: 63.877 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Instrument :

BNA_F

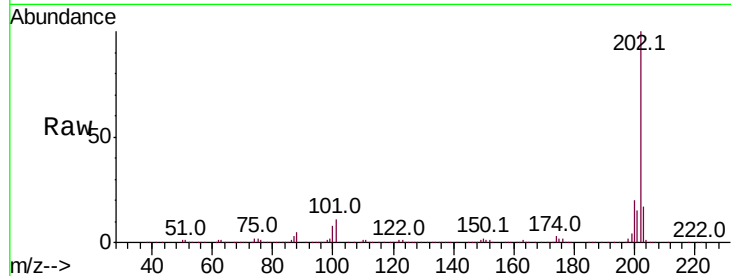
ClientSampleId :

COMP-3MSD

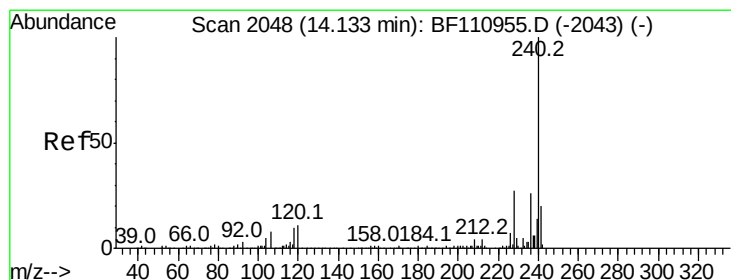
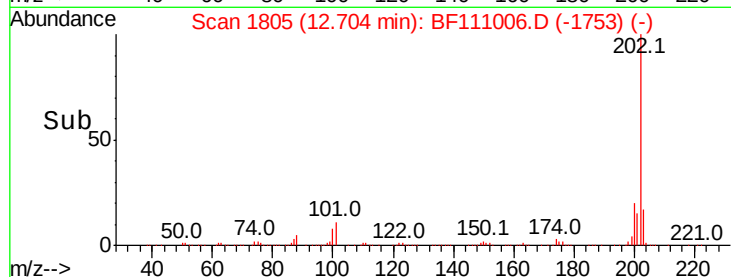
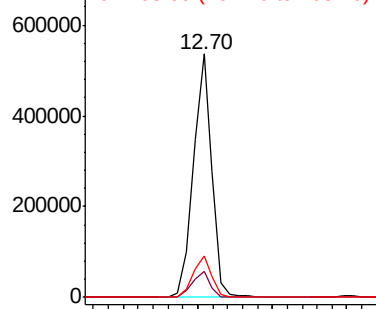
Tot Ion	Ratio	Resp	Lower	Upper
202	100	466424		
101	10.5	0.0	31.4	
203	17.1	0.0	37.7	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

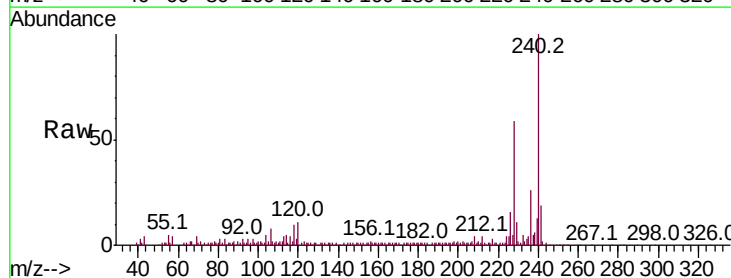
RT: 14.14 min Scan# 2049

Delta R.T. 0.01 min

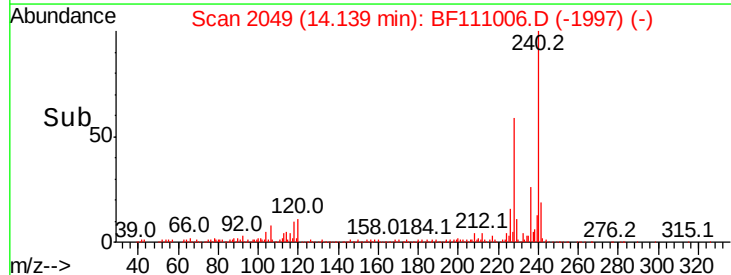
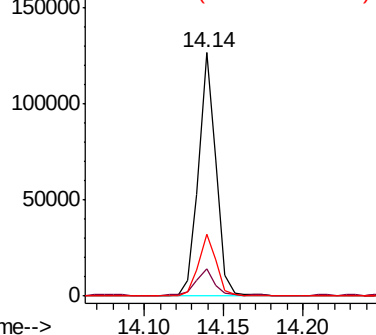
Lab File: BF111006.D

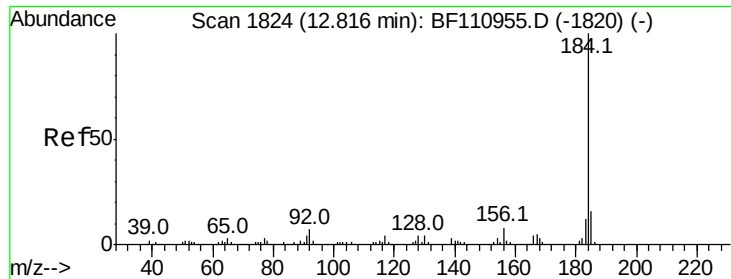
Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	97410		
120	11.2	8.3	12.5	
236	25.6	21.2	31.8	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.744 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Instrument :

BNA_F

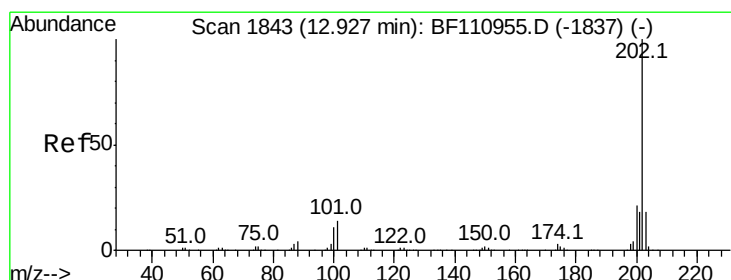
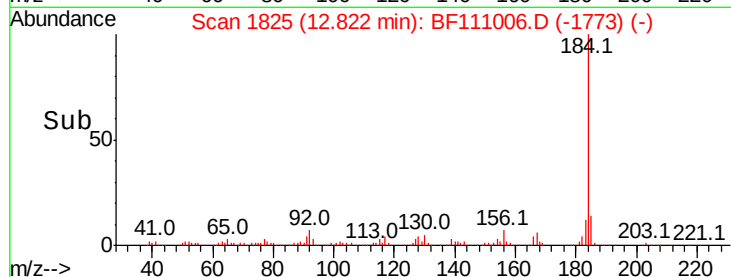
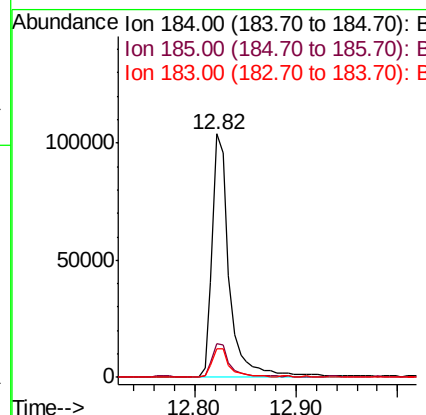
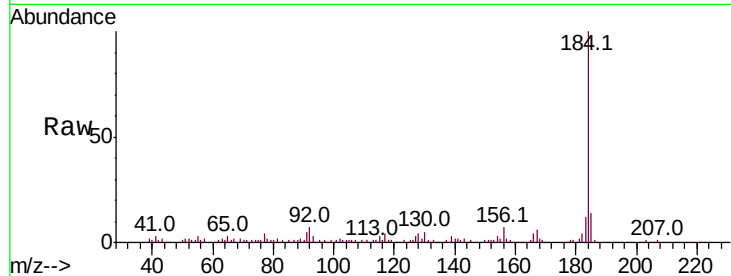
ClientSampleId :

COMP-3MSD

Tot Ion:	184	Resp:	123940
Ion Ratio	Lower	Upper	
184	100		
185	14.1	13.4	20.2
183	11.9	9.4	14.2

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#78

Pyrene

Concen: 64.851 ng

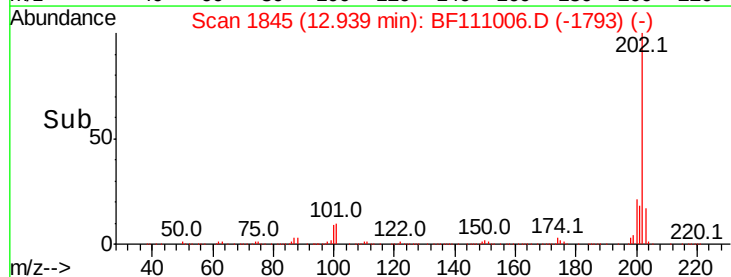
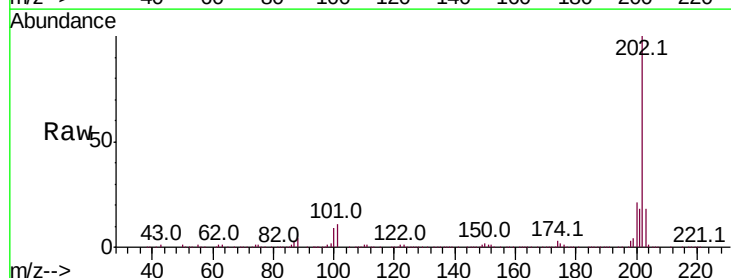
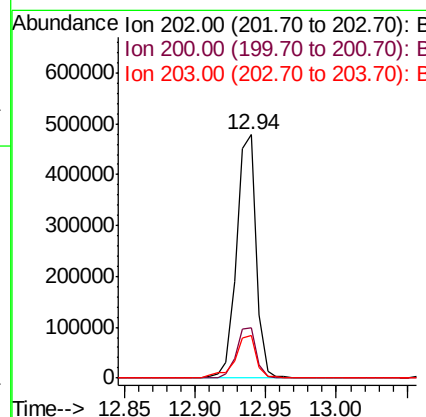
RT: 12.94 min Scan# 1845

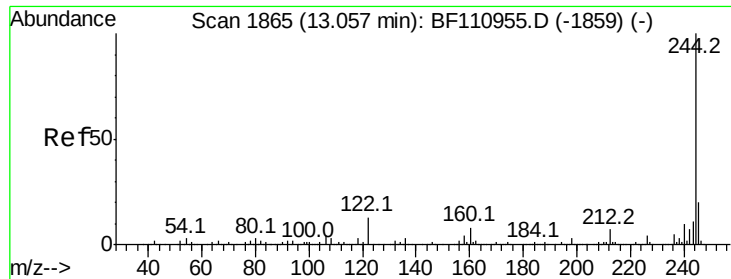
Delta R.T. 0.01 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Tgt Ion:	202	Resp:	461388
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.8	26.6
203	17.7	14.2	21.4





#79

Terphenyl-d14

Concen: 95.996 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.01 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Instrument :

BNA_F

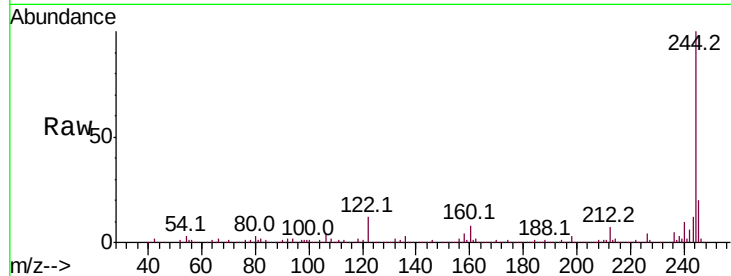
ClientSampleId :

COMP-3MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.1	8.7	13.1

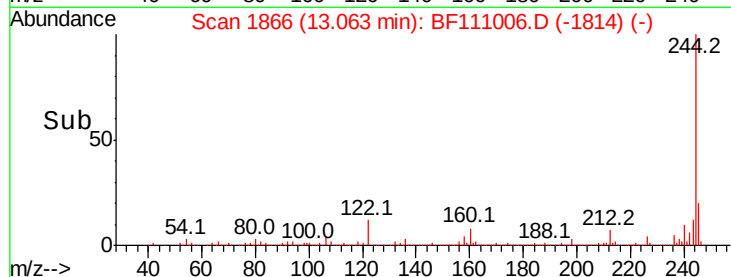
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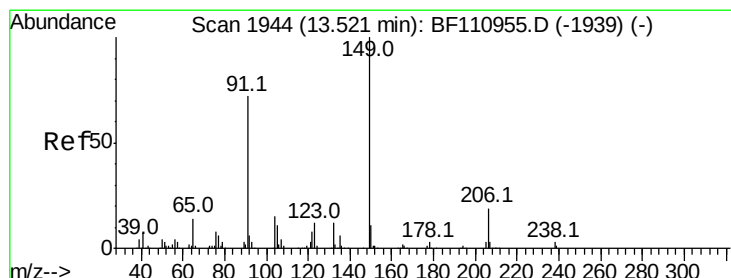


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

13.06



Time-->



#80

Butylbenzylphthalate

Concen: 51.858 ng

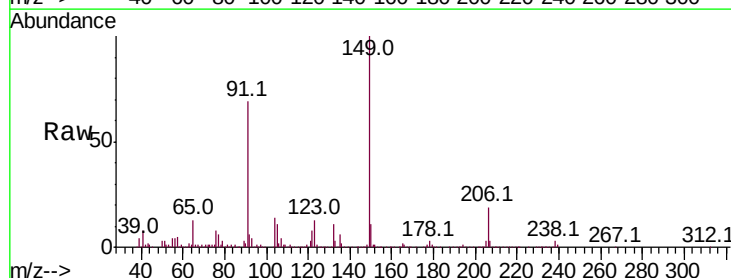
RT: 13.53 min Scan# 1945

Delta R.T. 0.01 min

Lab File: BF111006.D

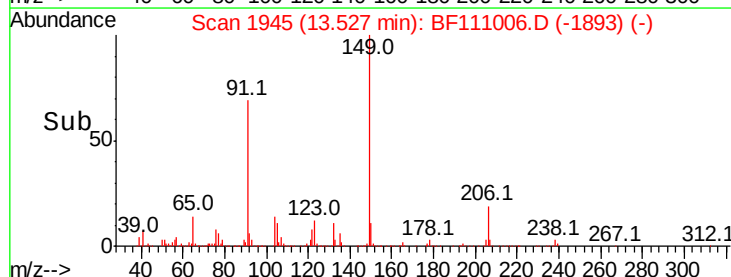
Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.9	57.2	85.8
206	19.3	15.7	23.5

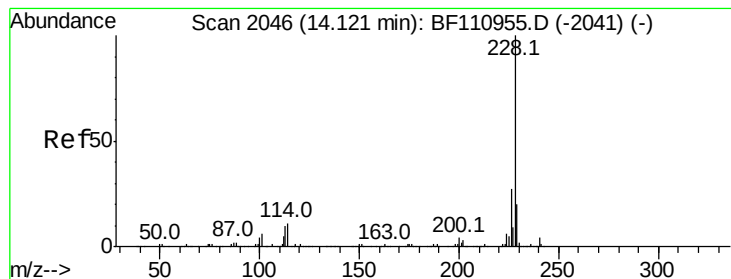


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

13.53



Time-->



#81

Benzo(a)anthracene

Concen: 54.107 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.01 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Instrument :

BNA_F

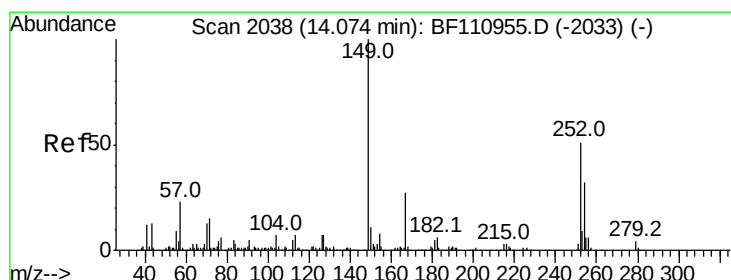
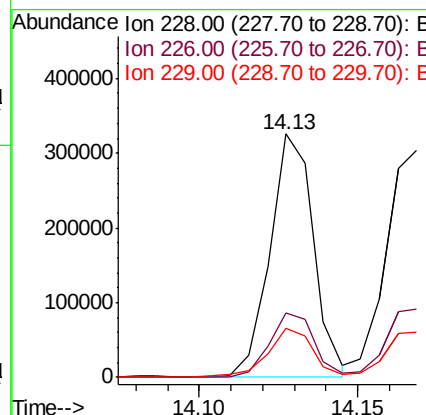
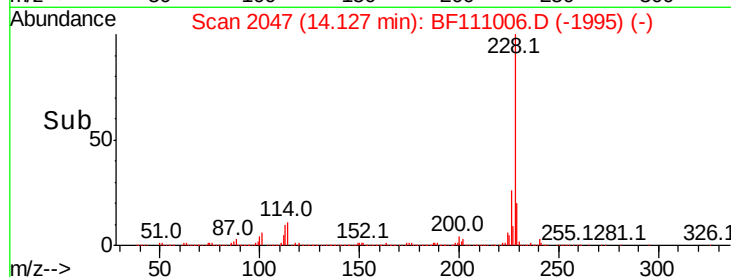
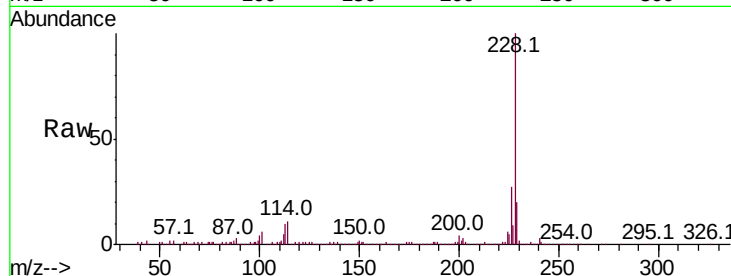
ClientSampleId :

COMP-3MSD

Tot Ion:	228	Resp:	311165
Ion Ratio	Lower	Upper	
228	100		
226	26.6	22.1	33.1
229	20.2	15.6	23.4

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#82

3,3'-Dichlorobenzidine

Concen: 38.998 ng

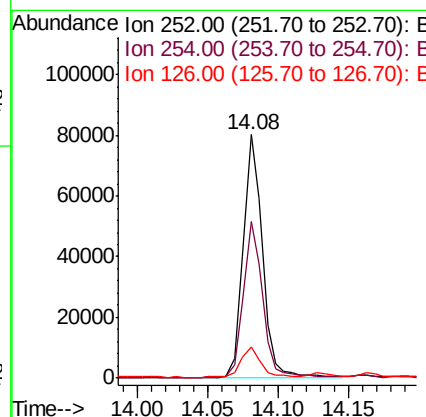
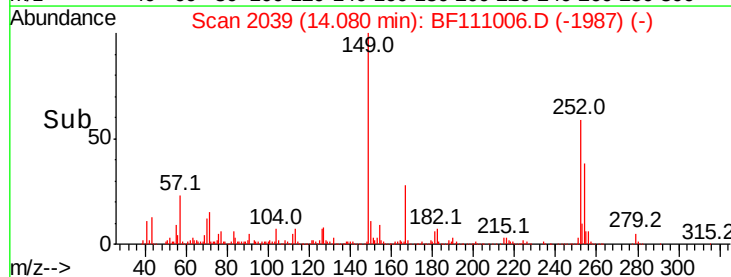
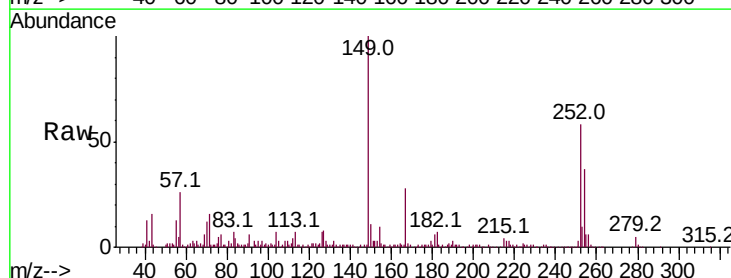
RT: 14.08 min Scan# 2039

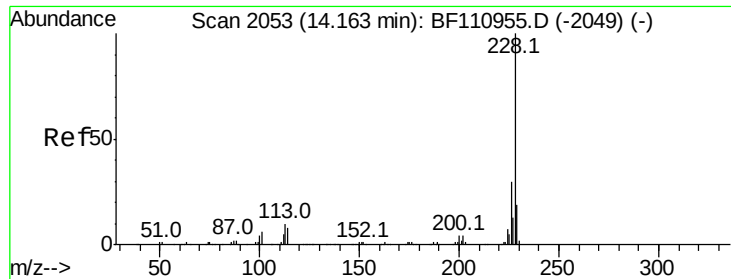
Delta R.T. 0.01 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Tgt Ion:	252	Resp:	76902
Ion Ratio	Lower	Upper	
252	100		
254	64.2	51.3	76.9
126	12.8	9.4	14.2





#83

Chrysene

Concen: 50.868 ng

RT: 14.17 min Scan# 2054

Delta R.T. 0.01 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Instrument :

BNA_F

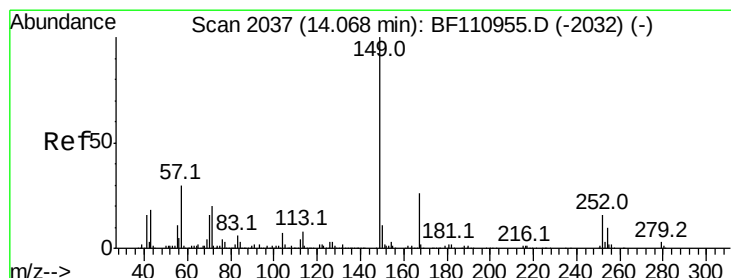
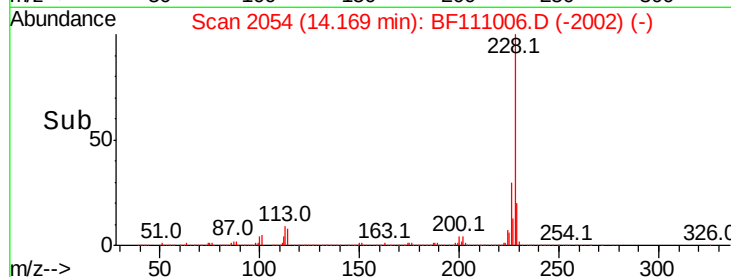
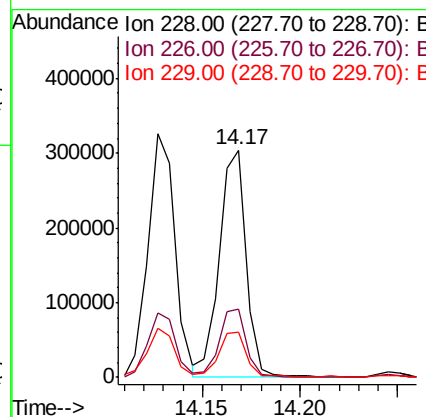
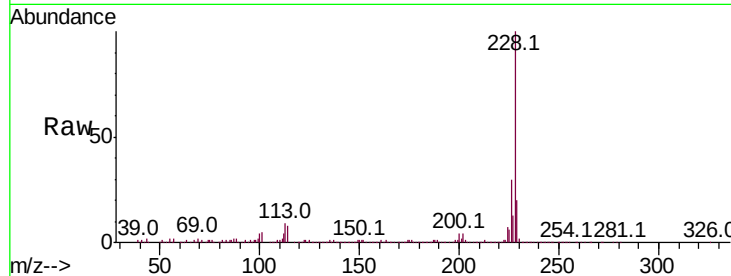
ClientSampleId :

COMP-3MSD

Tot Ion:	228	Resp:	287980
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.7	37.1
229	19.8	15.9	23.9

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 51.118 ng

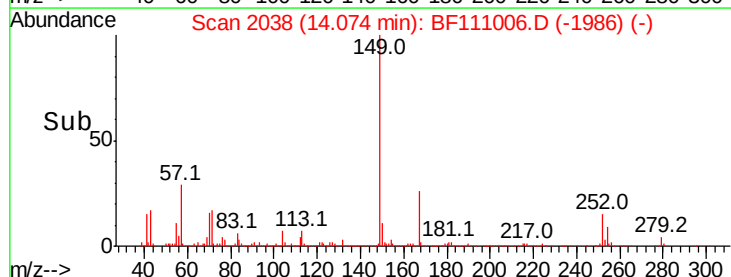
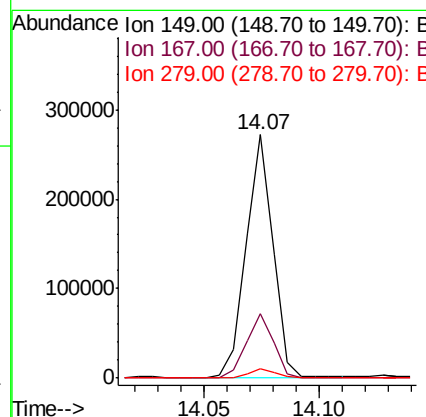
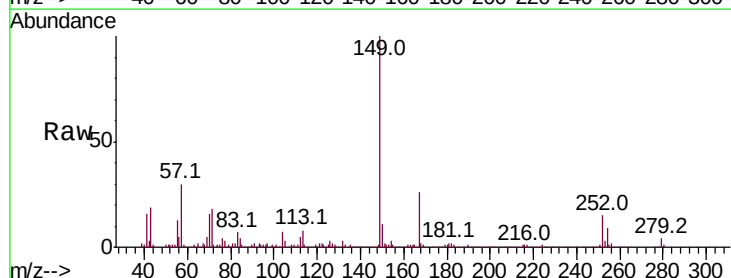
RT: 14.07 min Scan# 2038

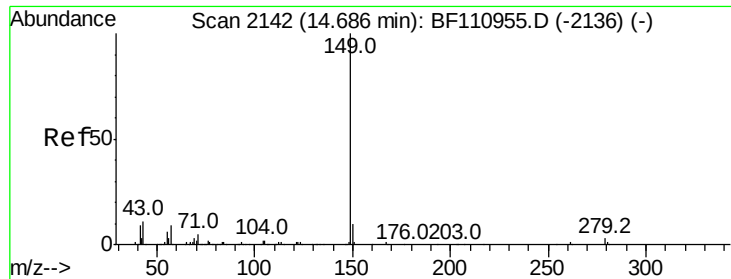
Delta R.T. 0.01 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Tgt Ion:	149	Resp:	218788
Ion Ratio	Lower	Upper	
149	100		
167	26.4	19.8	29.8
279	3.9	2.7	4.1





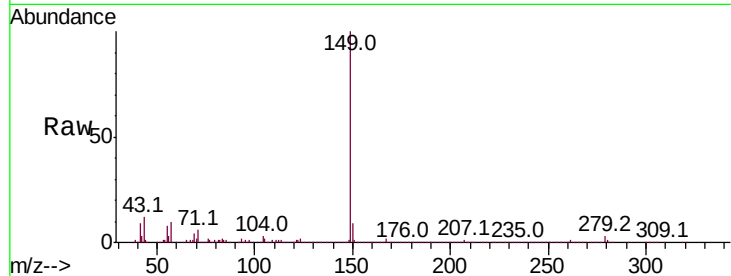
#85
Di-n-octyl phthalate
Concen: 49.288 ng
RT: 14.69 min Scan# 2143
Delta R.T. 0.01 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.1	1.7	
43	10.2	7.8	11.8	

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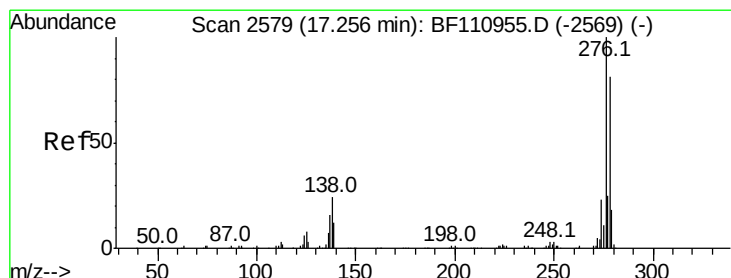
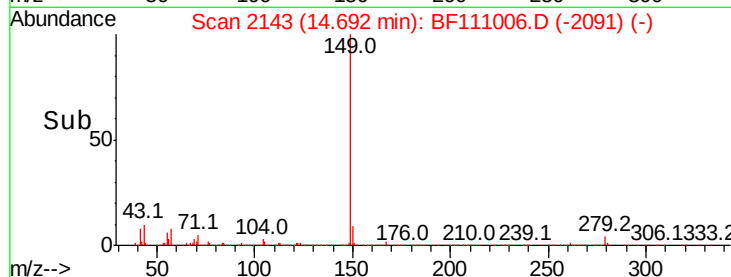
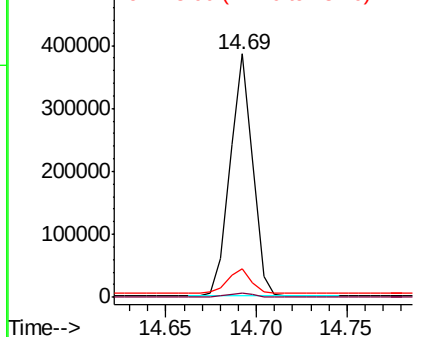


Abundance

Ion 149.00 (148.70 to 149.70): E

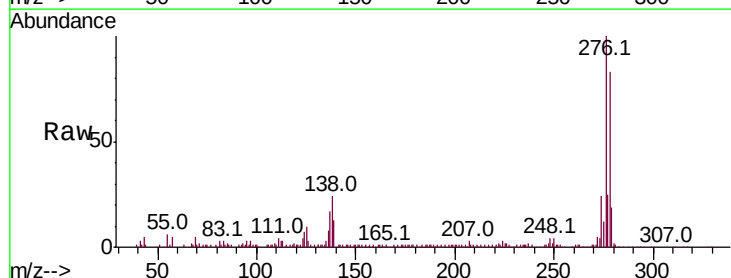
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 50.777 ng
RT: 17.28 min Scan# 2583
Delta R.T. 0.03 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	22.4	18.5	27.7	
277	23.8	20.0	30.0	

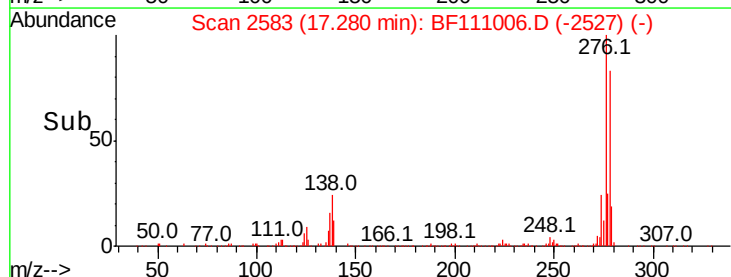
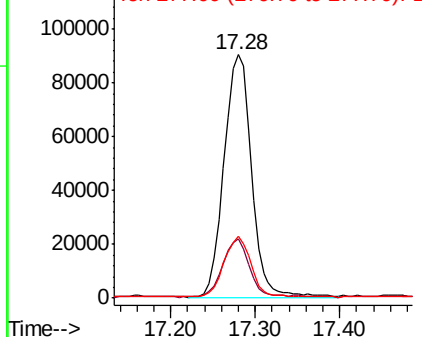


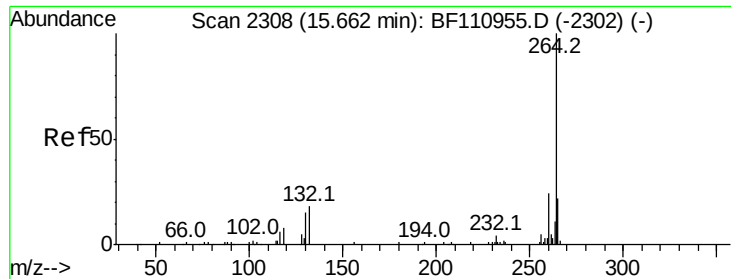
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





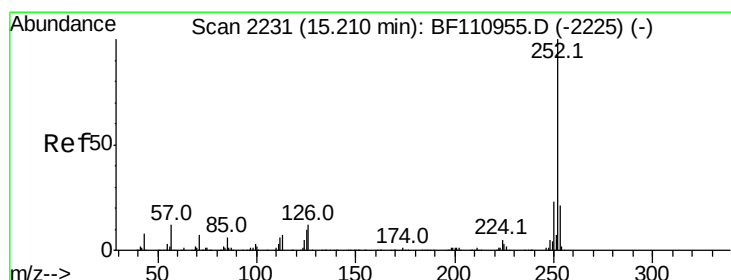
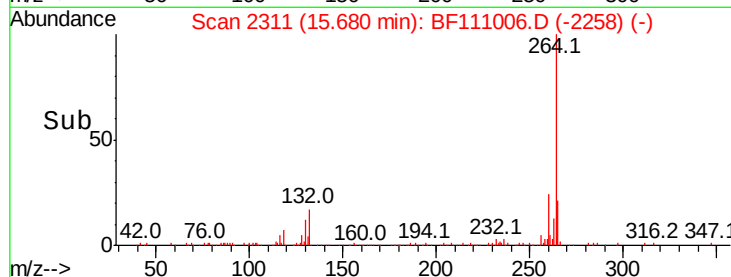
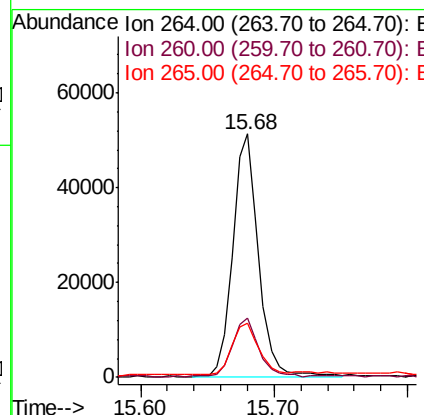
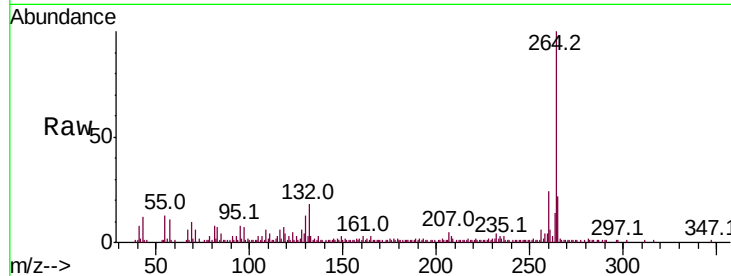
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. 0.01 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	22.2	16.7	25.1

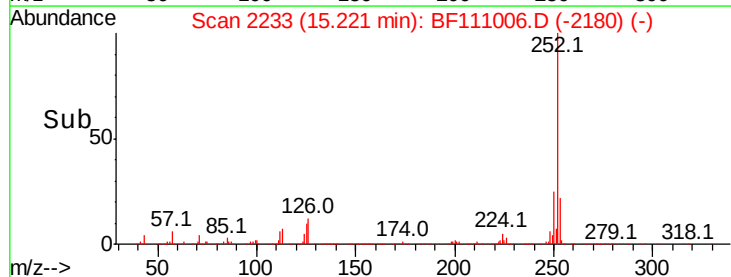
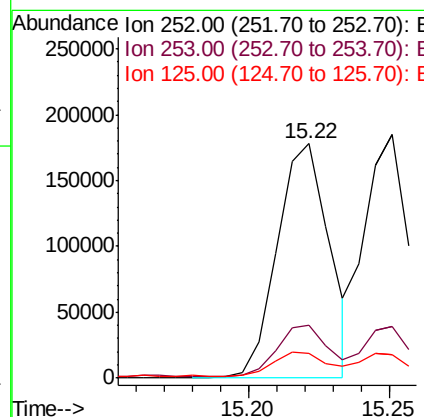
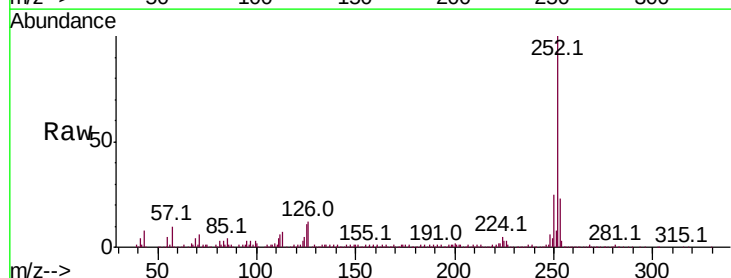
Manual Integrations
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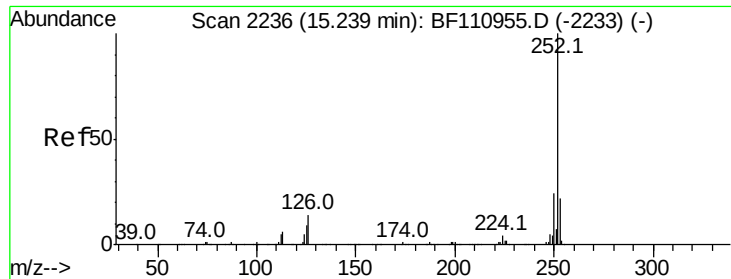
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#88
Benzo(b)fluoranthene
Concen: 55.410 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	10.5	8.2	12.4





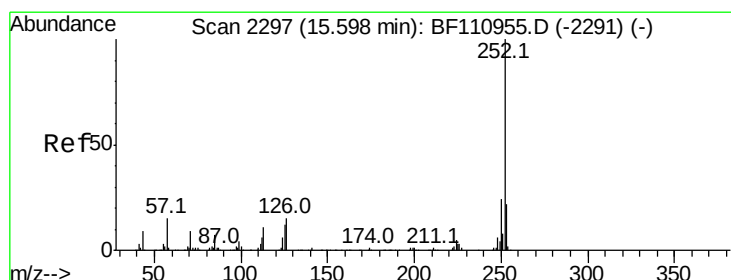
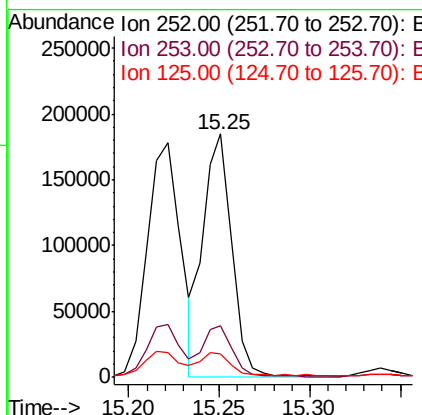
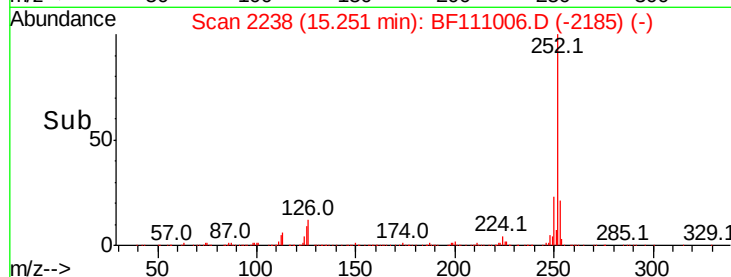
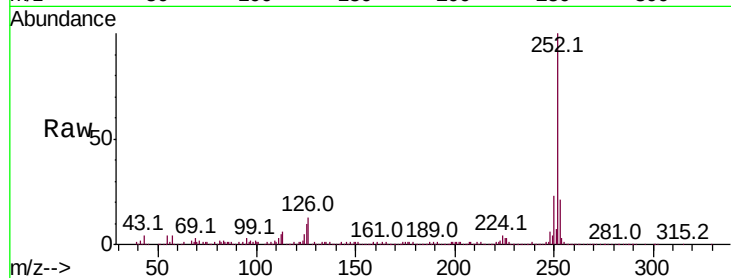
#89
Benzo(k)fluoranthene
Concen: 47.965 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.2	25.8
125	9.7	7.4	11.0

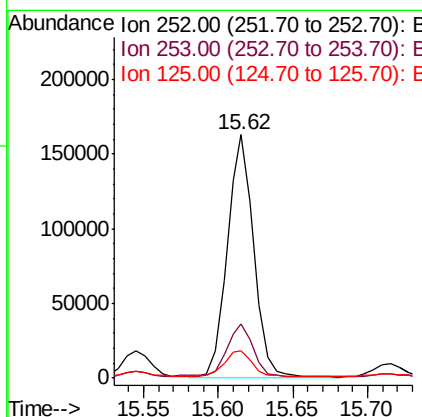
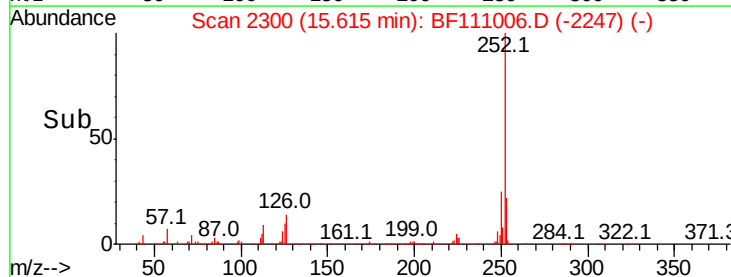
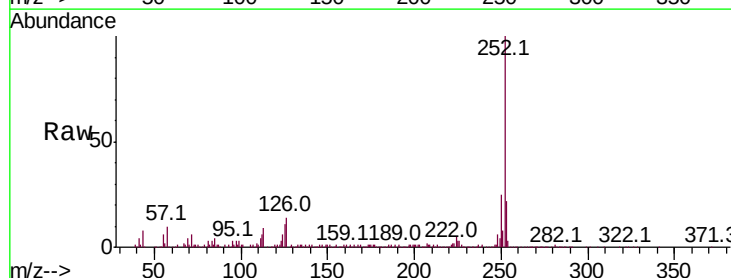
Manual Integrations
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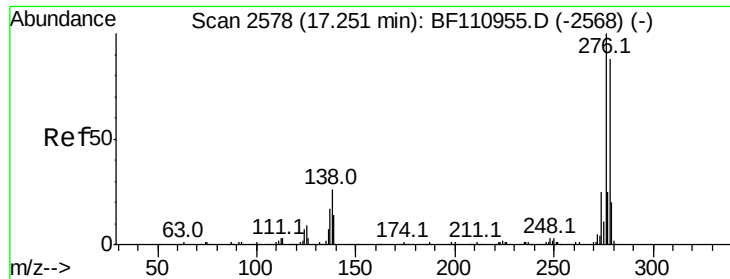
mohammad
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#90
Benzo(a)pyrene
Concen: 52.820 ng
RT: 15.62 min Scan# 2300
Delta R.T. 0.01 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	11.3	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 49.108 ng

RT: 17.28 min Scan# 2583

Delta R.T. 0.03 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Instrument :

BNA_F

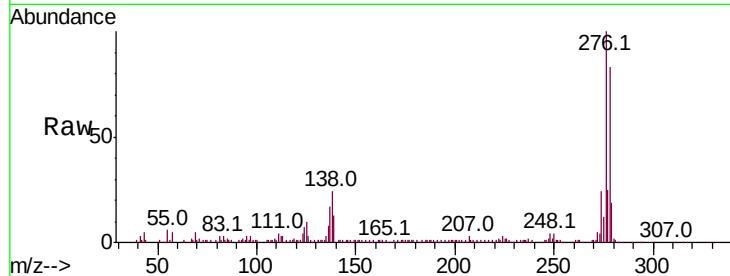
ClientSampleId :

COMP-3MSD

Tot Ion:	278	Resp:	154494
Ion Ratio	Lower	Upper	
278	100		
139	15.5	12.7	19.1
279	23.4	19.0	28.4

Manual Integrations
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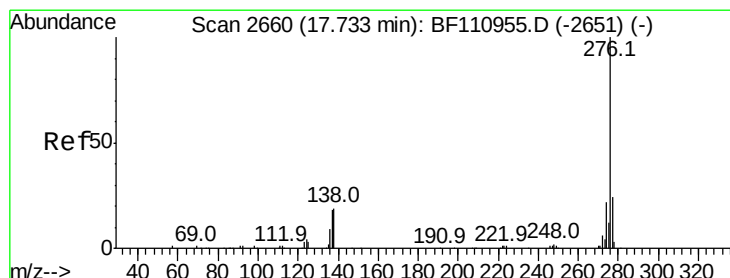
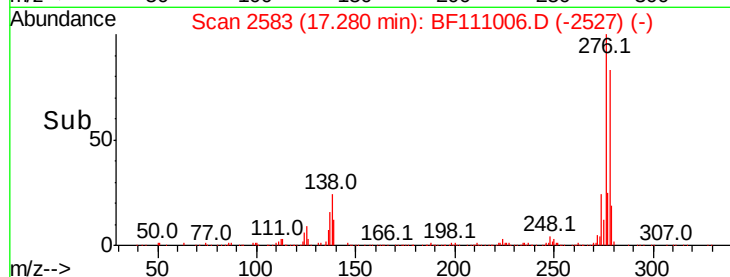
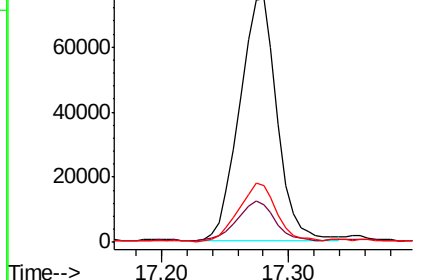
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Abundance Ion 278.00 (277.70 to 278.70): E

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: 54.787 ng

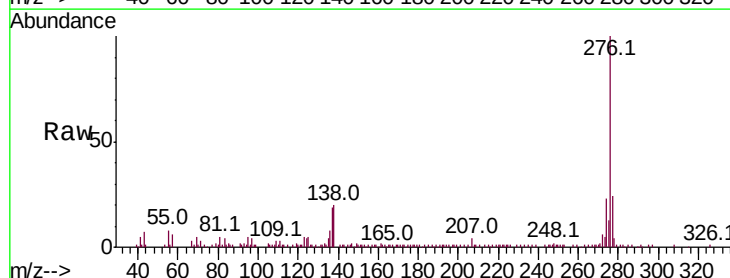
RT: 17.77 min Scan# 2666

Delta R.T. 0.03 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Tgt Ion:	276	Resp:	166190
Ion Ratio	Lower	Upper	
276	100		
277	24.1	18.8	28.2
138	19.5	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

