

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101626.D
 Acq On : 22 Dec 2017 1:20
 Operator : SJ/JU
 Sample : PB105265BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105265BSD

Manual Integrations
 APPROVED

Sohil
 12/22/2017 12:42:26 PM

Quant Time: Dec 22 02:43:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	137349	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	526847	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	206483	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	314693	20.00	ng	0.00
75) Chrysene-d12	13.97	240	276889	20.00	ng	0.00
86) Perylene-d12	15.44	264	245657	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	923634	100.17	ng	0.02
7) Phenol-d6	6.45	99	1052636	91.73	ng	0.00
23) Nitrobenzene-d5	7.37	82	952436	100.63	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	176445	88.68	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1413670	106.20	ng	0.00
78) Terphenyl-d14	12.90	244	1040021	90.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	207841	43.868	ng	94
3) Pyridine	3.35	79	573064	43.534	ng	96
4) n-Nitrosodimethylamine	3.33	42	297506	49.086	ng	# 94
6) Aniline	6.47	93	272870	17.111	ng	# 72
8) 2-Chlorophenol	6.59	128	456193	47.032	ng	95
9) Benzaldehyde	6.36	77	251100	29.629	ng	98
10) Phenol	6.46	94	578053	44.196	ng	95
11) bis(2-Chloroethyl)ether	6.54	93	469751	45.787	ng	95
12) 1,3-Dichlorobenzene	6.73	146	505968	46.219	ng	97
13) 1,4-Dichlorobenzene	6.82	146	516971	46.245	ng	98
14) 1,2-Dichlorobenzene	6.97	146	450992	44.819	ng	98
15) Benzyl Alcohol	6.95	79	318860	40.369	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	774974	49.357	ng	54
17) 2-Methylphenol	7.06	107	370133	41.484	ng	# 89
18) Hexachloroethane	7.30	117	159980	41.161	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	319223	42.359	ng	94
20) 3+4-Methylphenols	7.22	107	473991	50.133	ng	# 71
22) Acetophenone	7.22	105	622046	51.745	ng	# 90
24) Nitrobenzene	7.39	77	509242	48.616	ng	100
25) Isophorone	7.62	82	940112	49.515	ng	96
26) 2-Nitrophenol	7.70	139	235516	52.335	ng	98
27) 2,4-Dimethylphenol	7.74	122	398271	52.095	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	592433	49.122	ng	99
29) 2,4-Dichlorophenol	7.95	162	376967	49.909	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	372155	46.690	ng	96
31) Naphthalene	8.10	128	1210710	45.647	ng	100
32) Benzoic acid	7.90	122	184826	37.890	ng	96
33) 4-Chloroaniline	8.16	127	114253	9.911	ng	96
34) Hexachlorobutadiene	8.21	225	219933	47.707	ng	96
35) Caprolactam	8.55	113	122327	46.642	ng	# 80
36) 4-Chloro-3-methylphenol	8.66	107	372997	44.931	ng	99
37) 2-Methylnaphthalene	8.79	142	780483	45.166	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	366220	52.532	ng	97
40) Hexachlorocyclopentadiene	8.93	237	4527	15.689	ng	93

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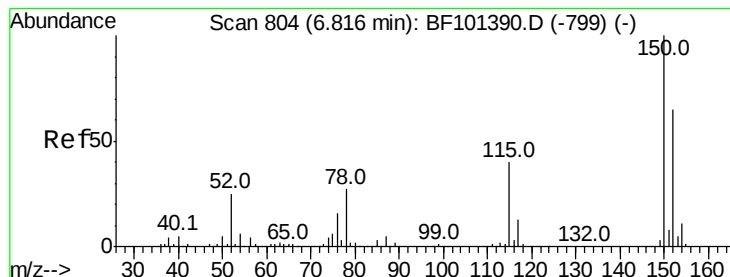
Manual Integrations
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Sohil
 12/22/2017 12:42:26 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	228962	54.554	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	220760	48.039	nq	96
45) 1,1'-Biphenyl	9.26	154	927701	50.661	nq	100
46) 2-Chloronaphthalene	9.29	162	685240	48.906	nq	98
47) 2-Nitroaniline	9.39	65	241997	49.996	nq	88
48) Acenaphthylene	9.70	152	953588	43.089	nq	99
49) Dimethylphthalate	9.56	163	778260	46.859	nq	99
50) 2,6-Dinitrotoluene	9.63	165	160225	47.466	nq #	88
51) Acenaphthene	9.87	154	585374	44.026	nq	100
52) 3-Nitroaniline	9.80	138	106197	25.234	nq	94
53) 2,4-Dinitrophenol	9.94	184	22933	27.310	nq #	18
54) Dibenzofuran	10.04	168	810029	47.939	nq	96
55) 4-Nitrophenol	9.99	139	152719	83.221	nq	88
56) 2,4-Dinitrotoluene	10.05	165	183368	48.214	nq #	76
57) Fluorene	10.39	166	634550	44.392	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	164225	49.741	nq	88
59) Diethylphthalate	10.25	149	771988	46.937	nq	98
60) 4-Chlorophenyl-phenylether	10.37	204	320570	46.794	nq	90
61) 4-Nitroaniline	10.42	138	140751	33.273	nq	98
62) Azobenzene	10.53	77	742590	43.584	nq	97
64) 4,6-Dinitro-2-methylphenol	10.47	198	25520	15.891	nq	93
65) n-Nitrosodiphenylamine	10.49	169	596952	51.373	nq	94
66) 4-Bromophenyl-phenylether	10.86	248	190279	53.812	nq #	88
67) Hexachlorobenzene	10.94	284	185787	49.644	nq #	85
68) Atrazine	11.02	200	181254	52.314	nq	97
69) Pentachlorophenol	11.14	266	150321	101.382	nq	96
70) Phenanthrene	11.35	178	811915	46.394	nq	99
71) Anthracene	11.40	178	833783	46.642	nq	99
72) Carbazole	11.56	167	746395	44.596	nq	99
73) Di-n-butylphthalate	11.87	149	1029533	50.681	nq	99
74) Fluoranthene	12.54	202	845850	46.047	nq	99
76) Benzidine	12.66	184	502357	42.957	nq	99
77) Pyrene	12.77	202	878227	42.262	nq	100
79) Butylbenzylphthalate	13.37	149	404025	42.969	nq	96
80) Benzo(a)anthracene	13.96	228	871858	47.686	nq	100
81) 3,3'-Dichlorobenzidine	13.92	252	300448	50.397	nq #	97
82) Chrysene	14.00	228	830098	48.086	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	506128	42.498	nq	99
84) Di-n-octyl phthalate	14.54	149	1025058	48.262	nq	97
85) Indeno(1,2,3-cd)pyrene	16.92	276	593917	38.635	nq	96
87) Benzo(b)fluoranthene	15.02	252	792894	52.954	nq	99
88) Benzo(k)fluoranthene	15.04	252	724143m	49.741	nq	
89) Benzo(a)pyrene	15.38	252	693214	50.221	nq	99
90) Dibenzo(a,h)anthracene	16.92	278	510768	43.098	nq	97
91) Benzo(g,h,i)perylene	17.36	276	498589	42.486	nq	95

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



#1

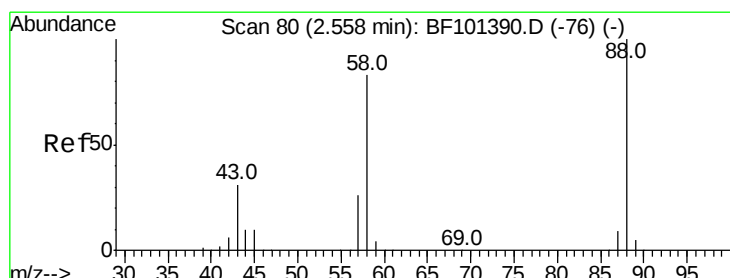
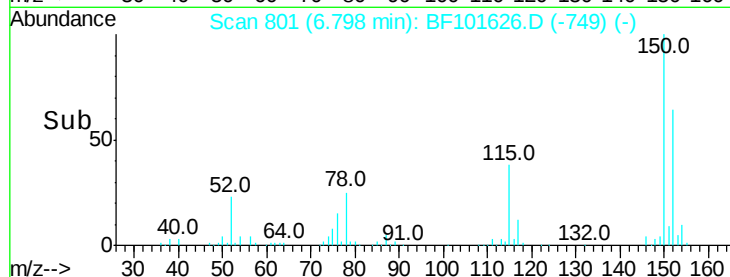
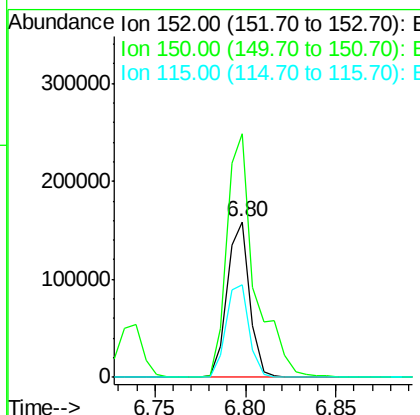
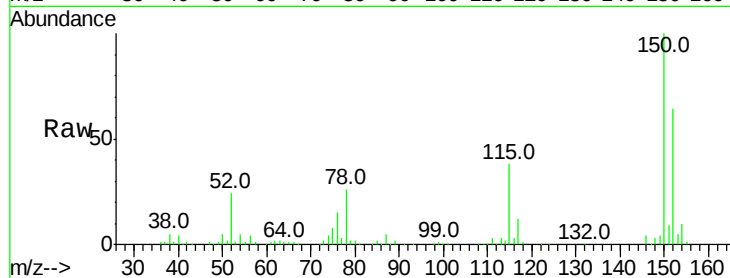
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Instrument :
BNA_F
ClientSampleId :
PB105265BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	59.6	50.1	75.1

Manual Integrations
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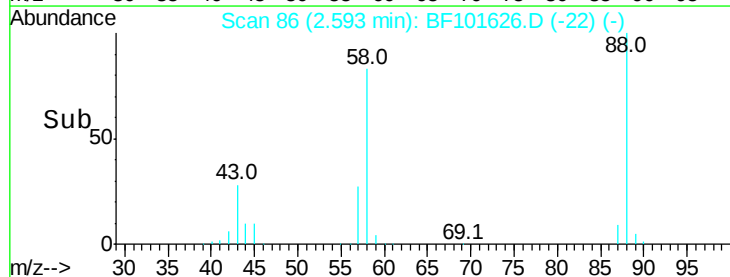
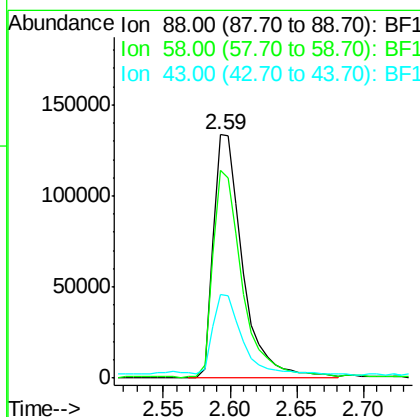
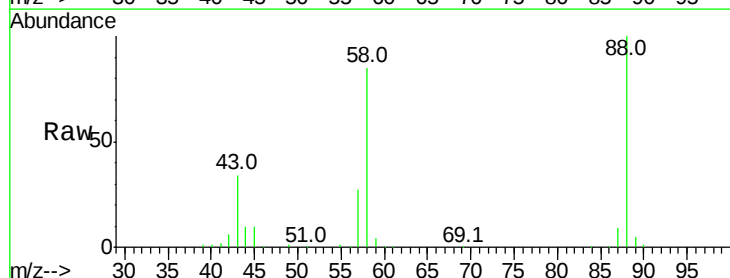
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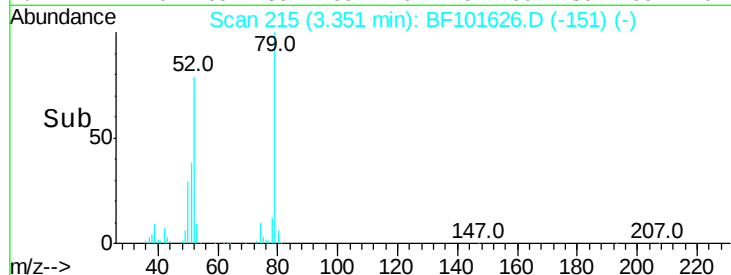
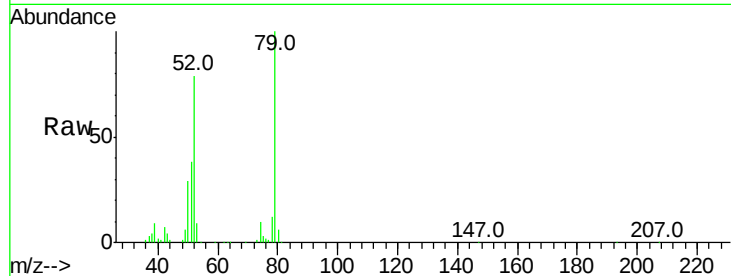


#2

1,4-Dioxane
Concen: 43.868 ng
RT: 2.59 min Scan# 86
Delta R.T. 0.08 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.4	62.6	93.8
43	32.8	24.6	37.0





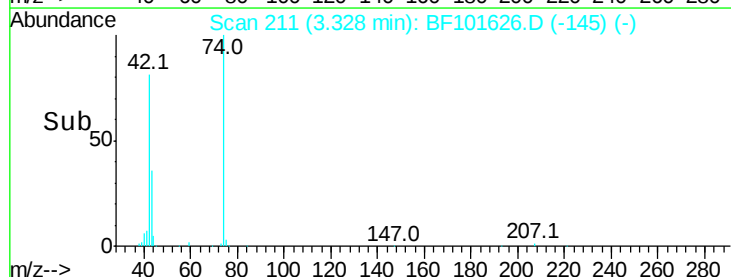
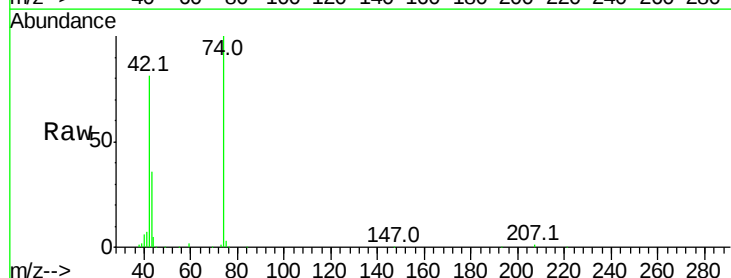
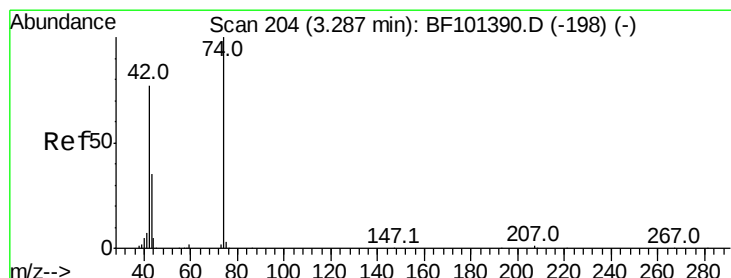
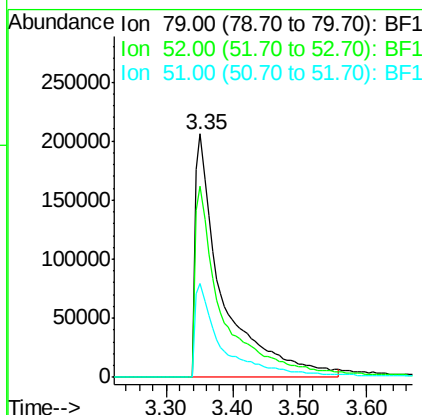
#3
Pvridine
Concen: 43.534 ng
RT: 3.35 min Scan# 215
Delta R.T. 0.08 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Tot Ion	Ratio	Lower	Upper
79	100		
52	78.7	59.8	89.6
51	38.4	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
PB105265BSD

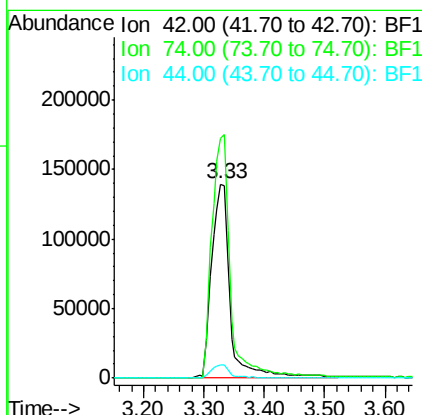
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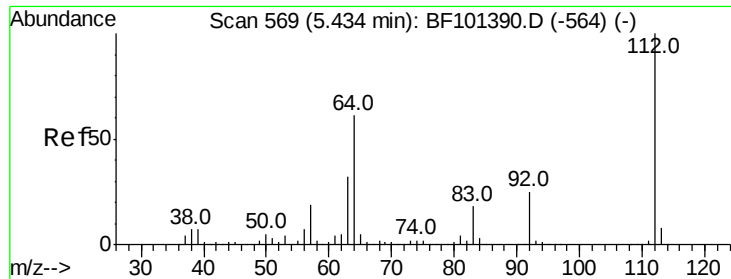
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#4
n-Nitrosodimethylamine
Concen: 49.086 ng
RT: 3.33 min Scan# 211
Delta R.T. 0.09 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	123.9	104.9	157.3
44	6.8	6.9	10.3#





#5

2-Fluorophenol

Concen: 100.170 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF101626.D

Acq: 22 Dec 2017 1:20

Instrument :

BNA_F

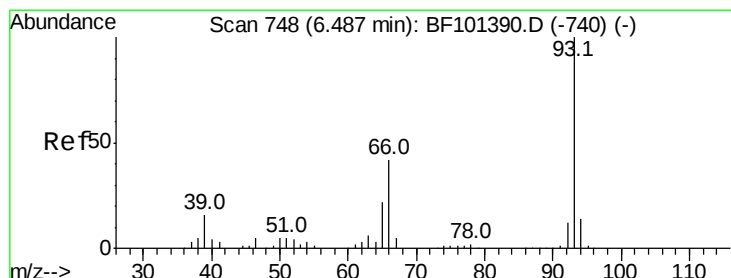
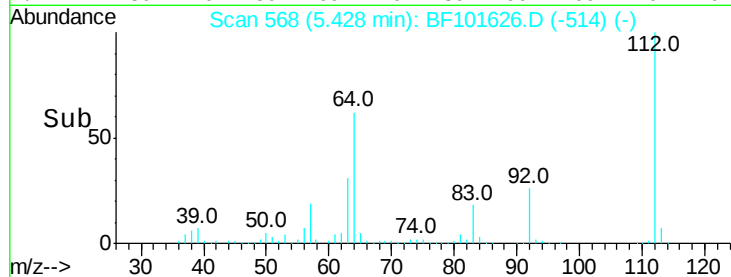
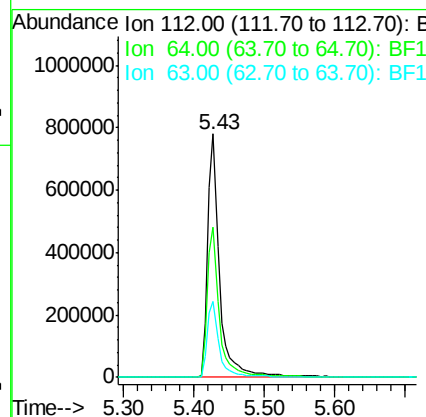
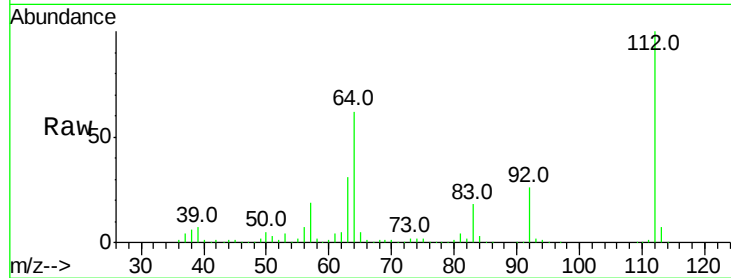
ClientSampleId :

PB105265BSD

Tot Ion:	112	Resp:	923634
Ion Ratio	Lower	Upper	
112	100		
64	61.6	47.9	71.9
63	31.3	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 17.111 ng

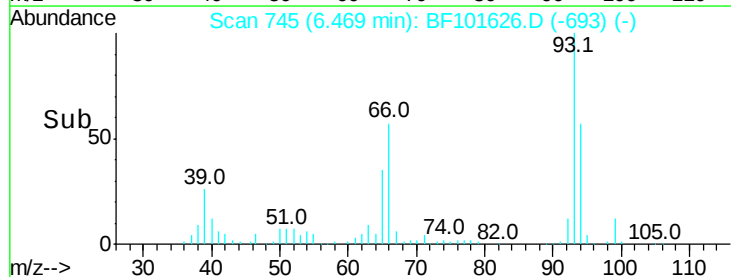
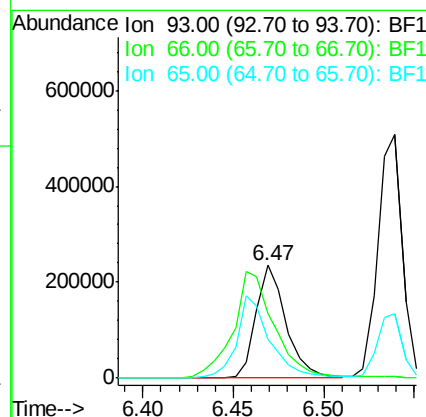
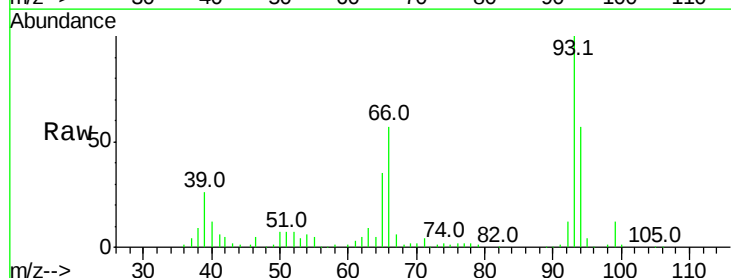
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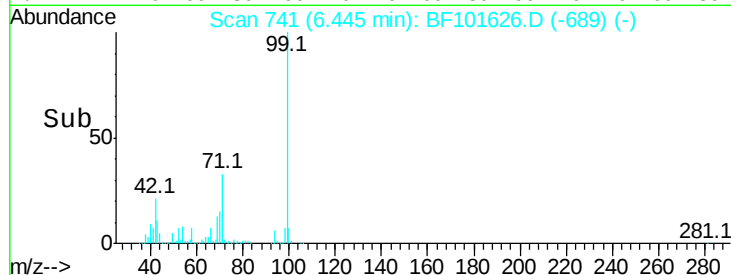
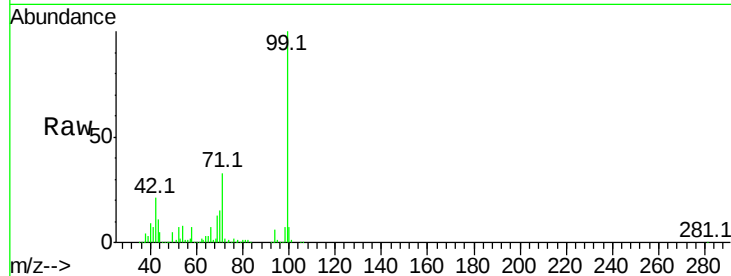
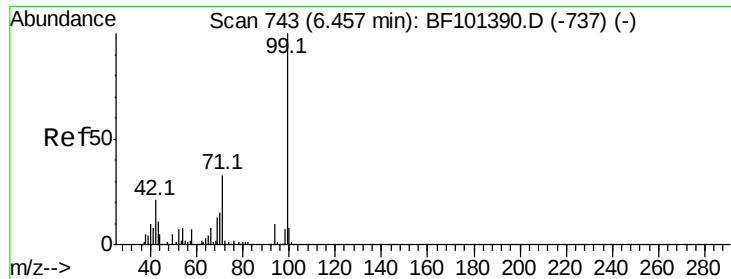
Delta R.T. 0.01 min

Lab File: BF101626.D

Acq: 22 Dec 2017 1:20

Tgt Ion:	93	Resp:	272870
Ion Ratio	Lower	Upper	
93	100		
66	57.2	32.2	48.2#
65	34.6	16.4	24.6#





#7

Phenol-d6

Concen: 91.729 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF101626.D

Acq: 22 Dec 2017 1:20

Tot Ion: 99 Resp: 1052636

Ion Ratio Lower Upper

99 100

42 21.0 14.5 21.7

71 33.2 25.4 38.0

Instrument :

BNA_F

ClientSampleId :

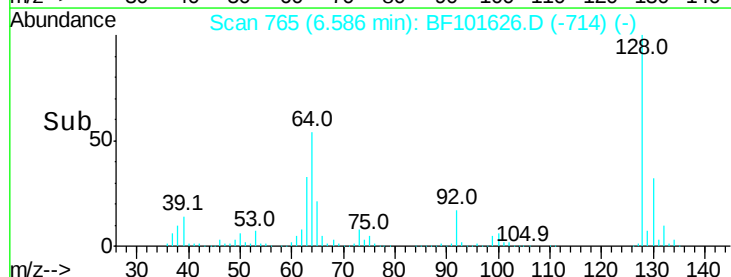
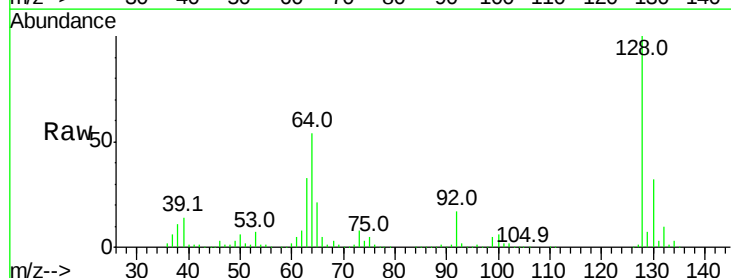
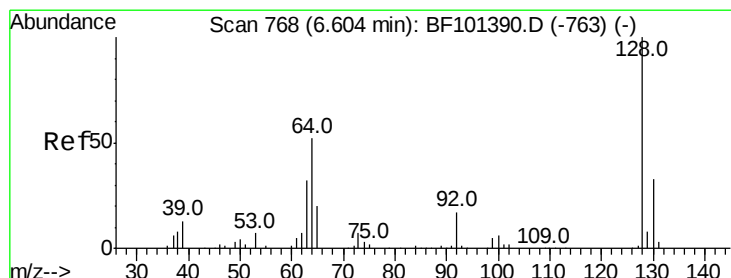
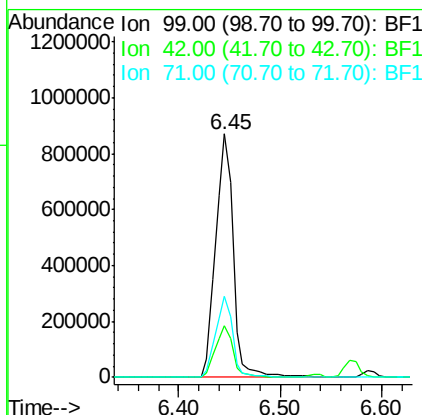
PB105265BSD

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#8

2-Chlorophenol

Concen: 47.032 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF101626.D

Acq: 22 Dec 2017 1:20

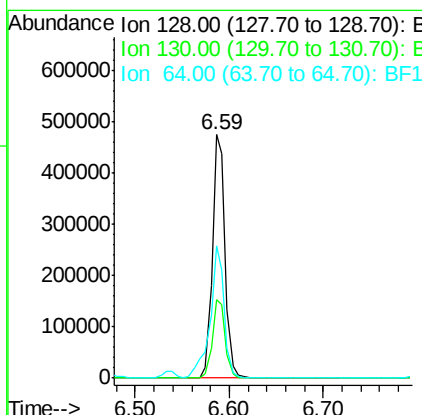
Tgt Ion:128 Resp: 456193

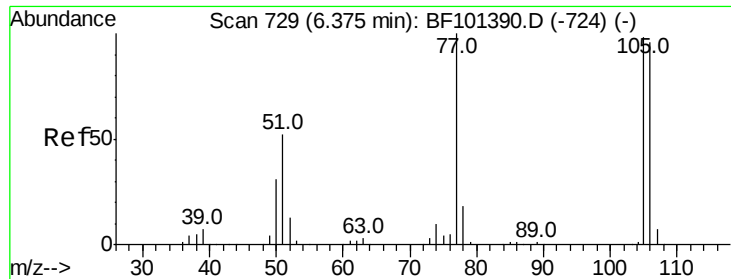
Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

64 54.5 29.4 69.4





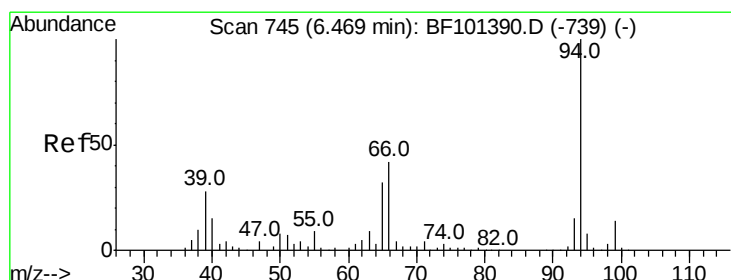
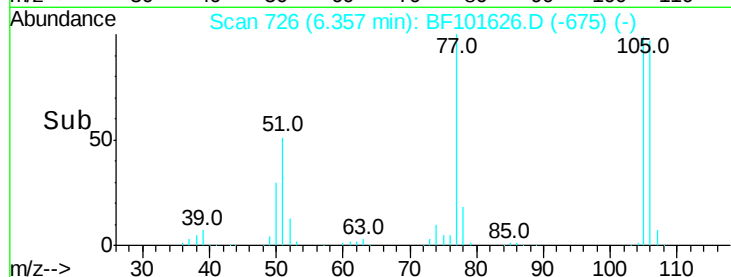
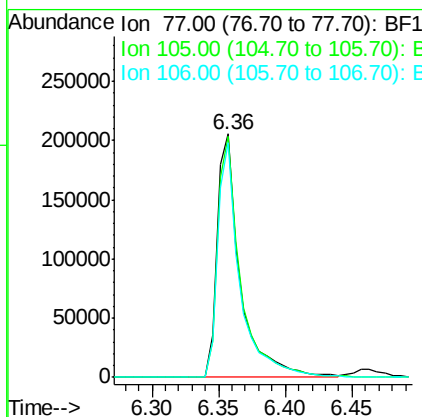
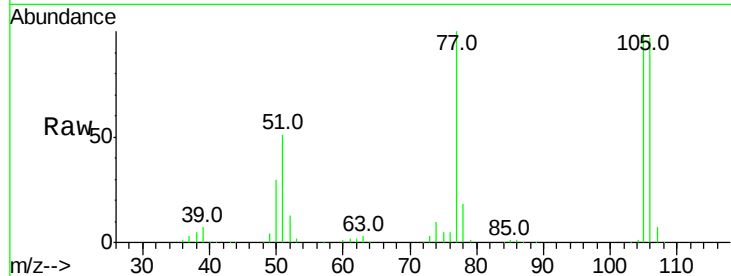
#9
Benzaldehyde
Concen: 29.629 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Instrument :
BNA_F
ClientSampleID :
PB105265BSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100	251100		
105	99.1	81.1	121.1	
106	96.6	74.5	114.5	

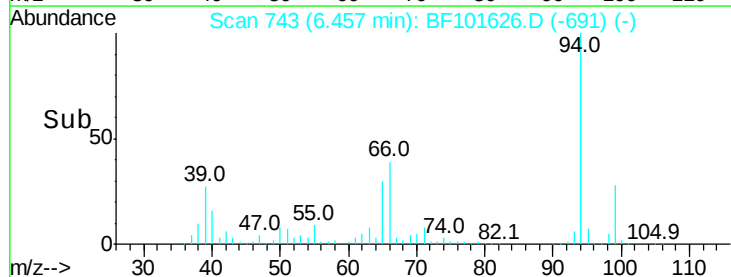
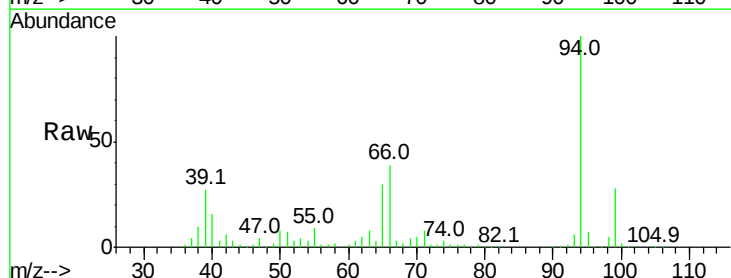
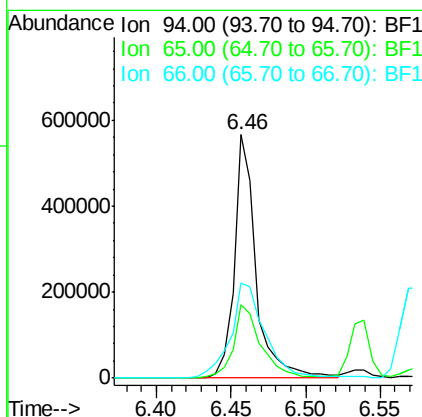
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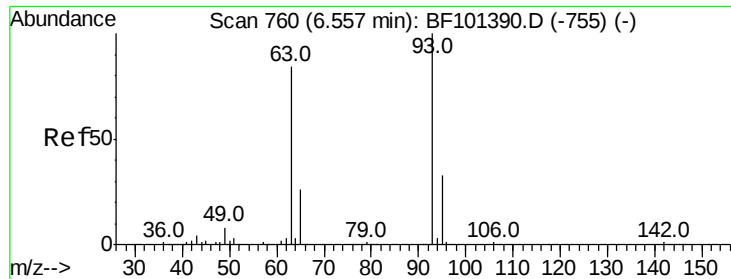
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#10
Phenol
Concen: 44.196 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	578053		
65	30.2	7.9	47.9	
66	39.3	16.2	56.2	





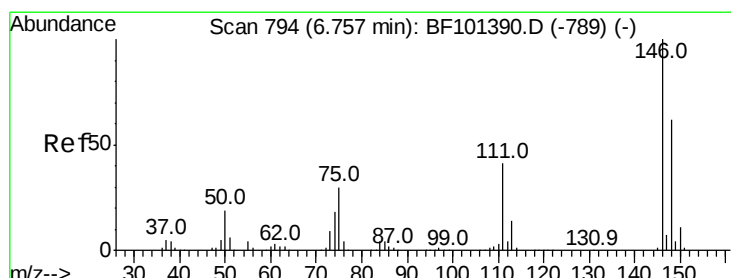
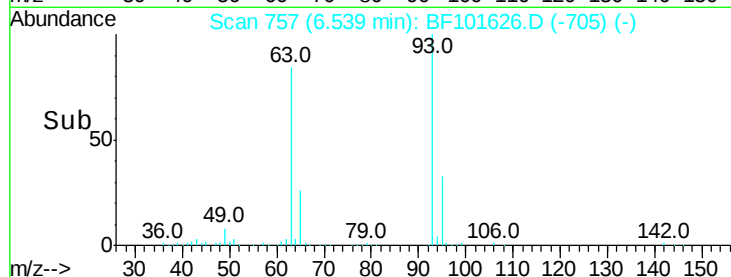
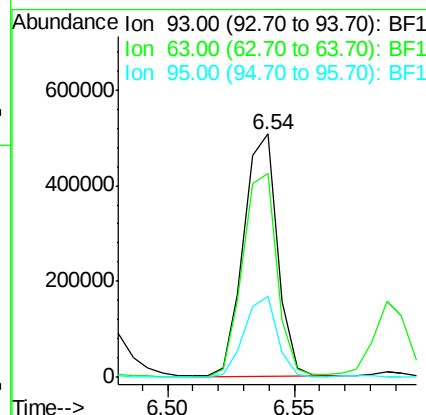
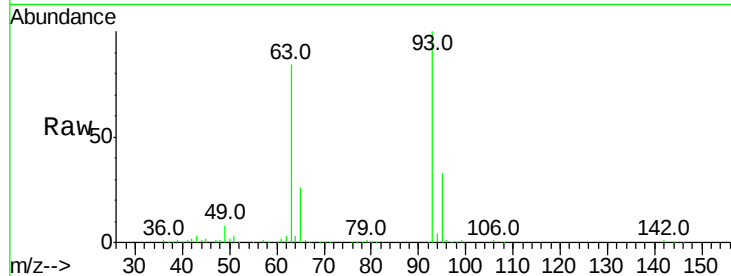
#11
bis(2-Chloroethyl)ether
Concen: 45.787 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Instrument :
BNA_F
ClientSampleId :
PB105265BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	469751		
63	83.6	58.6	98.6	
95	33.3	11.8	51.8	

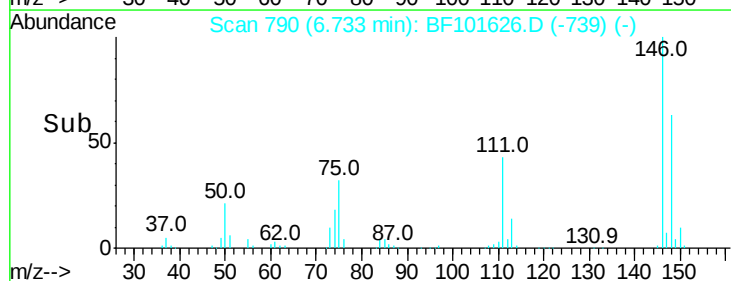
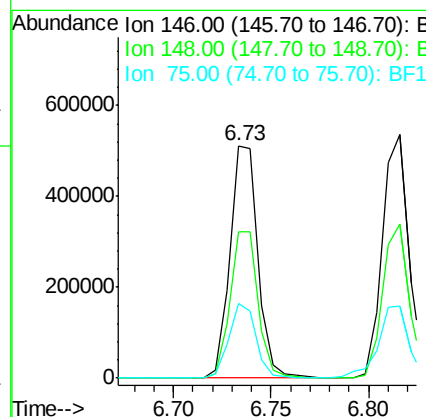
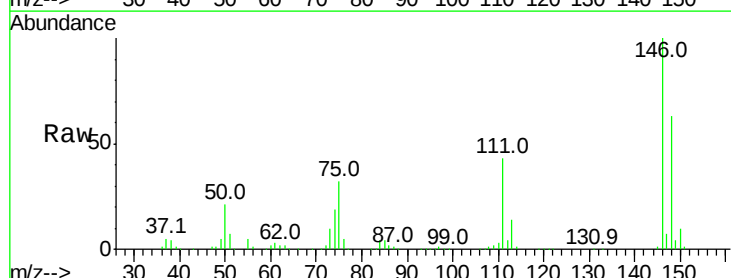
Manual Integrations
APPROVED

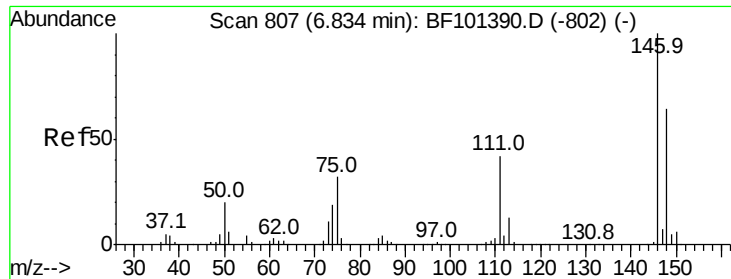
Sohil
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#12
1,3-Dichlorobenzene
Concen: 46.219 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	505968		
148	63.1	51.8	77.8	
75	32.4	24.2	36.4	





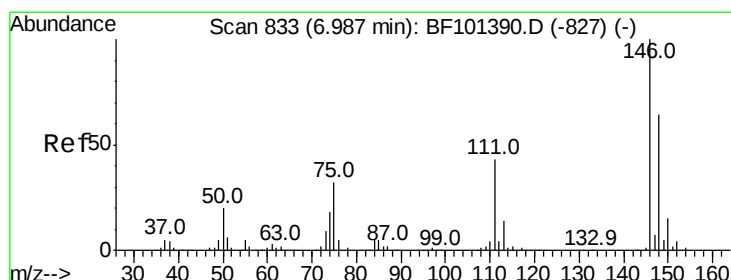
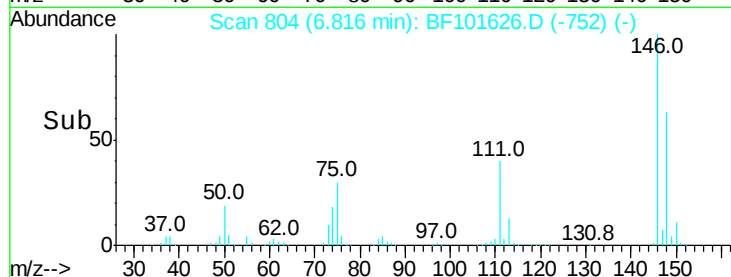
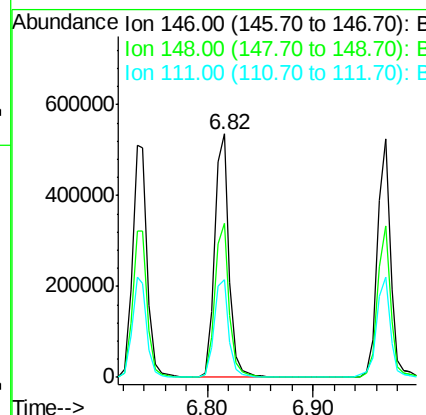
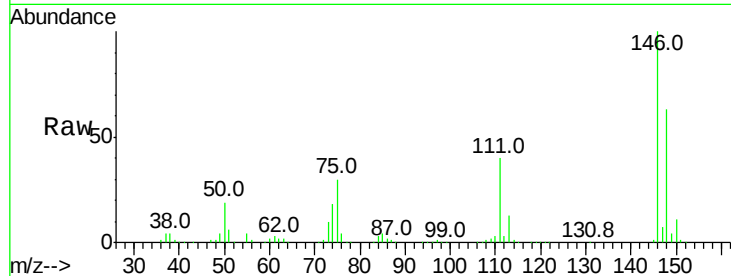
#13
 1,4-Dichlorobenzene
 Concen: 46.245 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF101626.D
 Acq: 22 Dec 2017 1:20

Instrument :
 BNA_F
 ClientSampleId :
 PB105265BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.8	76.2
111	40.3	34.2	51.2

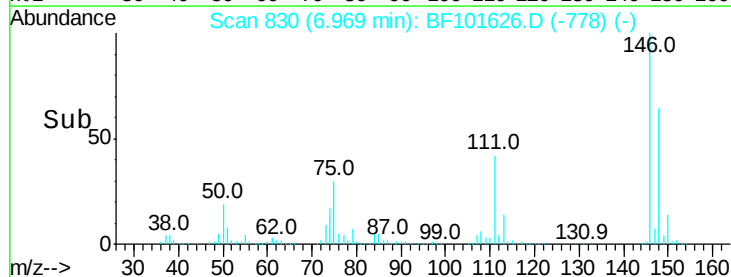
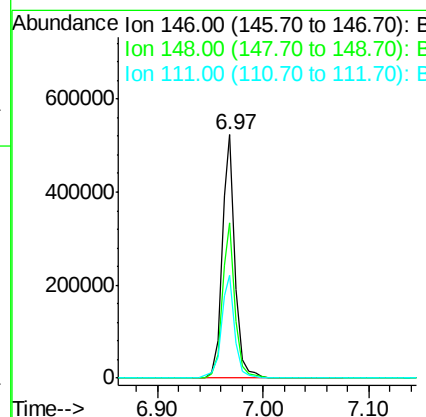
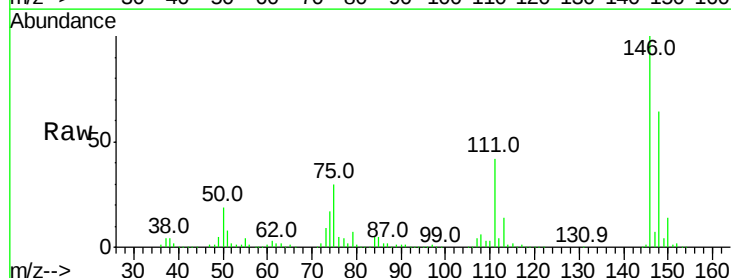
Manual Integrations
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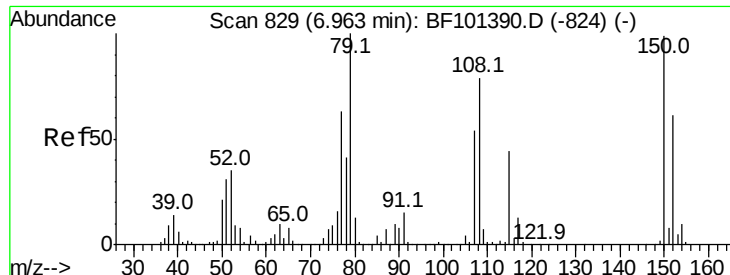
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 44.819 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.01 min
 Lab File: BF101626.D
 Acq: 22 Dec 2017 1:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
111	42.4	36.0	54.0





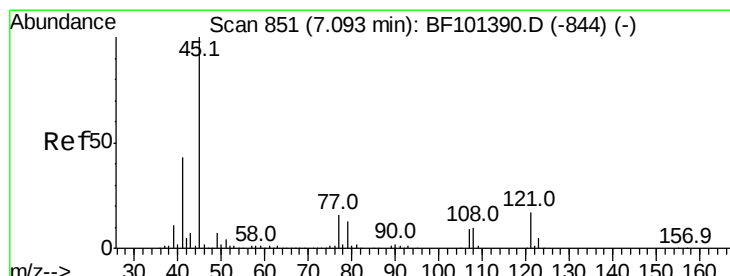
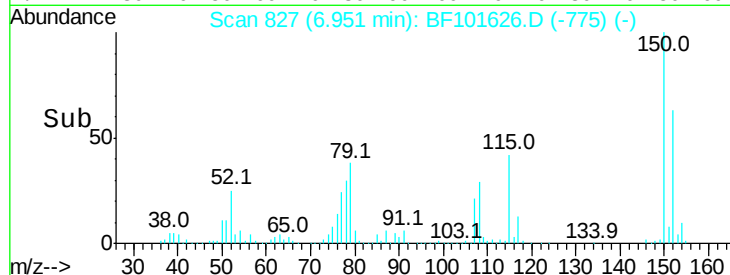
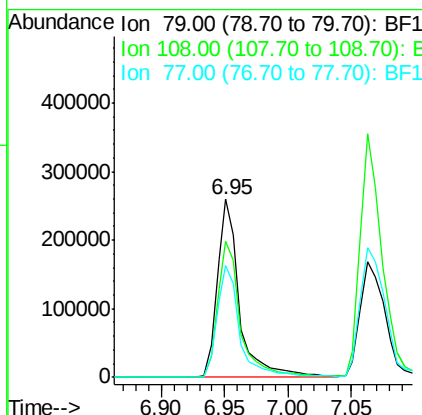
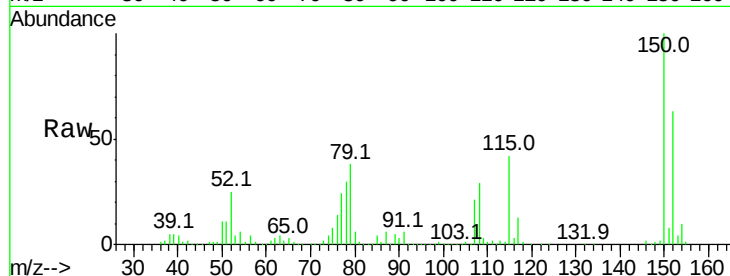
#15
Benzyl Alcohol
Concen: 40.369 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Instrument :
BNA_F
ClientSampleId :
PB105265BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.1	65.1	97.7
77	62.7	50.6	75.8

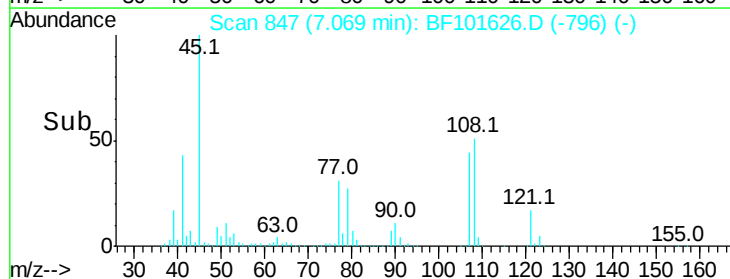
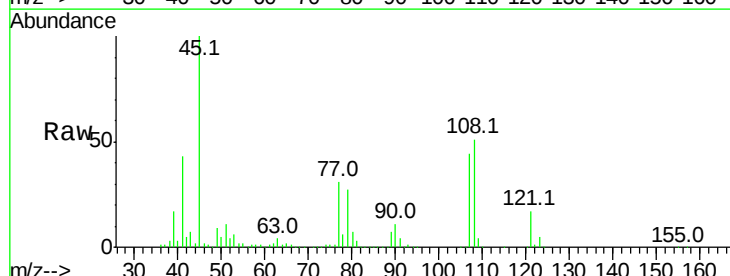
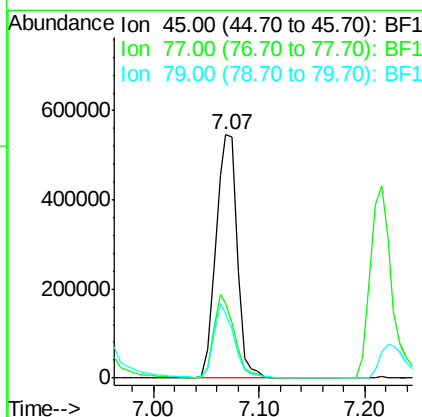
Manual Integrations
APPROVED

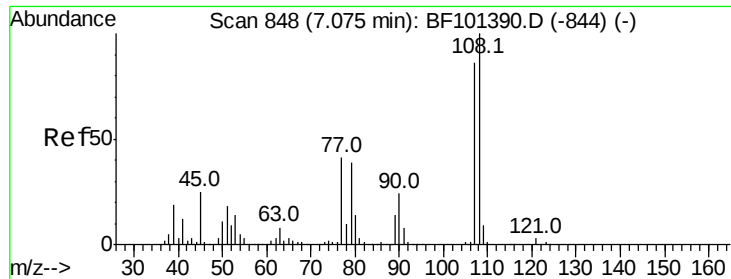
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#16
2,2'-oxybis(1-chloropropane)
Concen: 49.357 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Tgt Ion	Ratio	Lower	Upper
45	100		
77	30.7	0.0	32.9
79	26.7	0.0	29.6





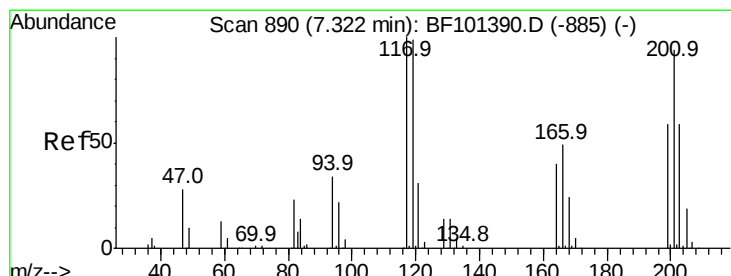
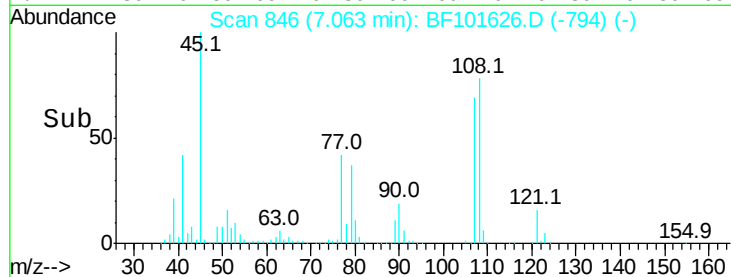
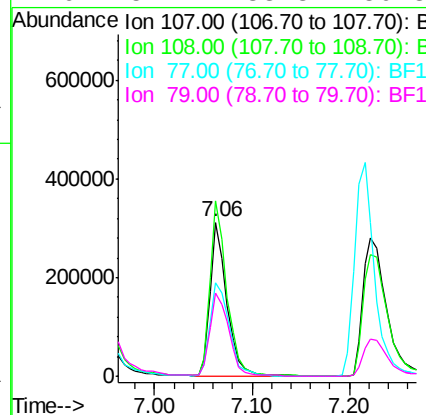
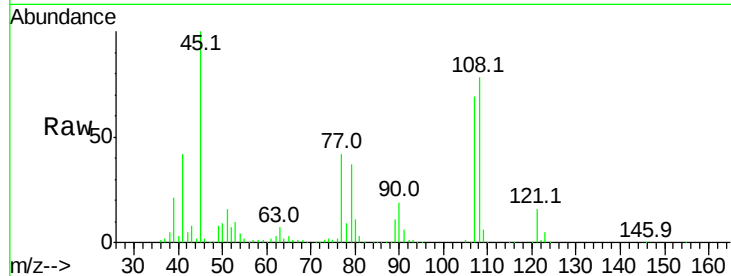
#17
2-Methylphenol
Concen: 41.484 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Instrument :
BNA_F
ClientSampleId :
PB105265BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	91.7	137.5	
77	60.5	33.8	50.8#	
79	54.1	33.8	50.8#	

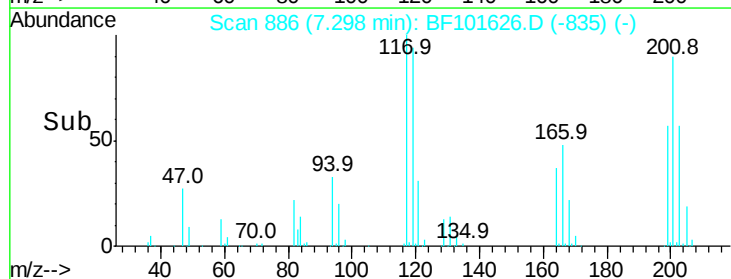
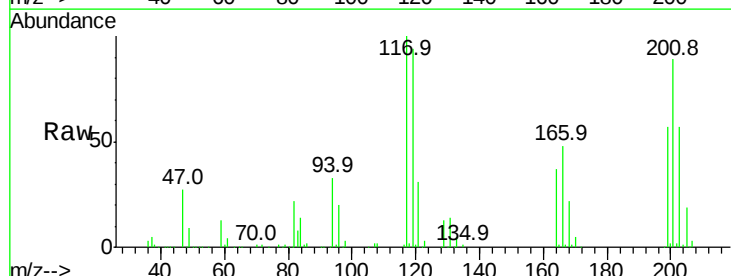
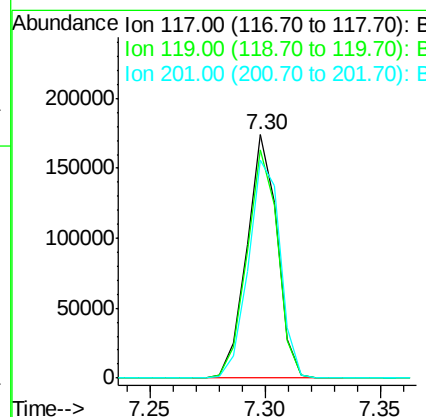
Manual Integrations
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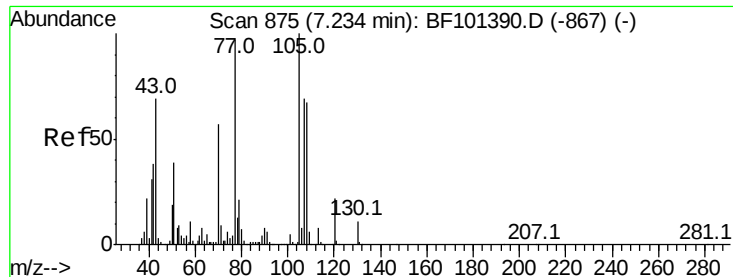
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#18
Hexachloroethane
Concen: 41.161 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.6	75.8	113.8	
201	89.4	75.7	113.5	





#19

n-Nitroso-di-n-propylamine

Concen: 42.359 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF101626.D

Acq: 22 Dec 2017 1:20

Instrument :

BNA_F

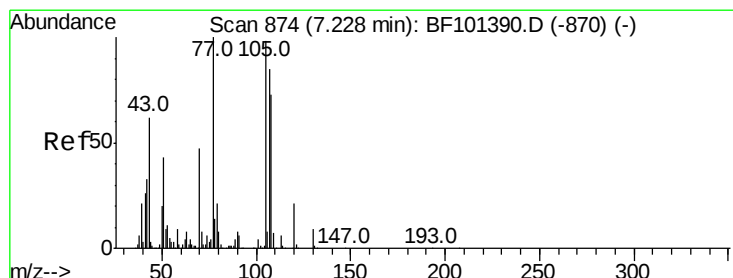
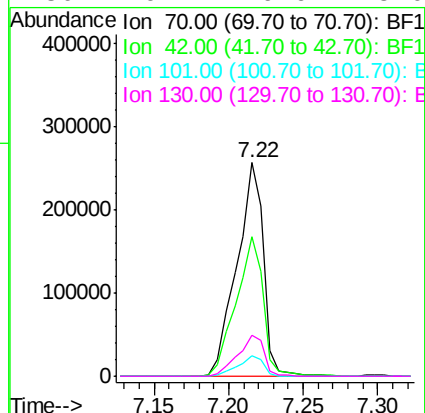
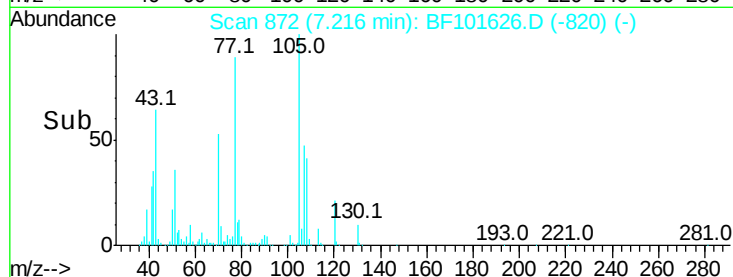
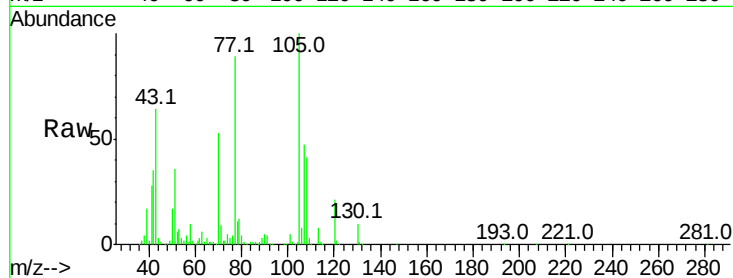
ClientSampleId :

PB105265BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.4	47.5	71.3
101	9.4	7.4	11.2
130	19.1	16.6	25.0

Manual Integrations
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#20

3+4-Methylphenols

Concen: 50.133 ng

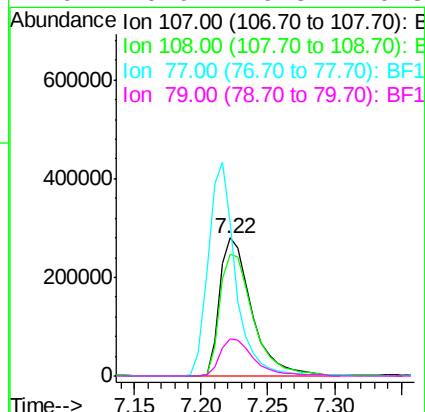
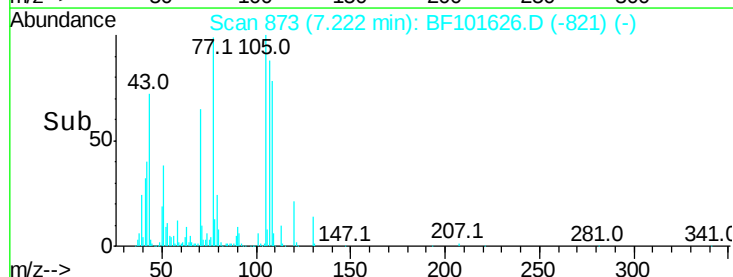
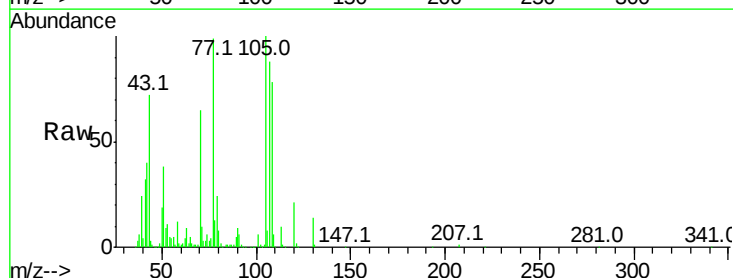
RT: 7.22 min Scan# 873

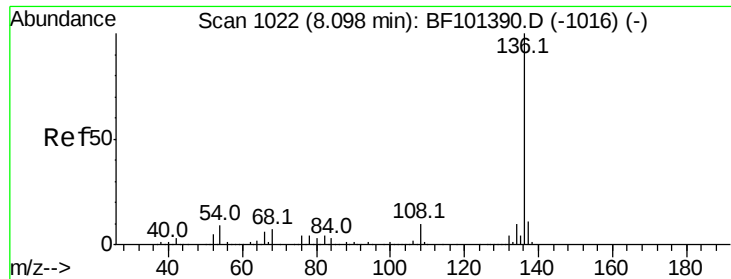
Delta R.T. 0.01 min

Lab File: BF101626.D

Acq: 22 Dec 2017 1:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.2	108.2
77	111.9	26.7	66.7#
79	26.9	6.3	46.3





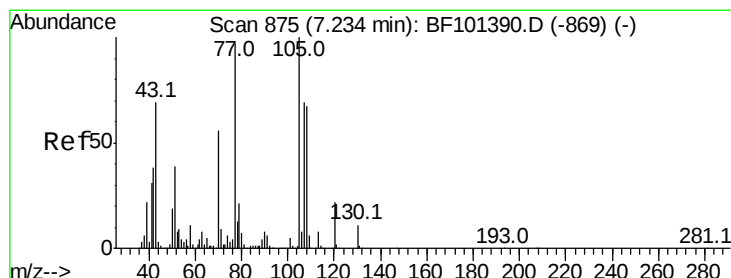
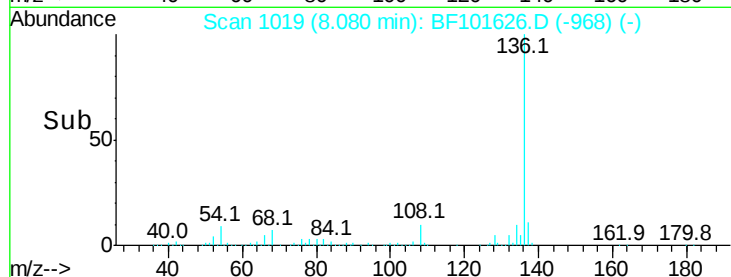
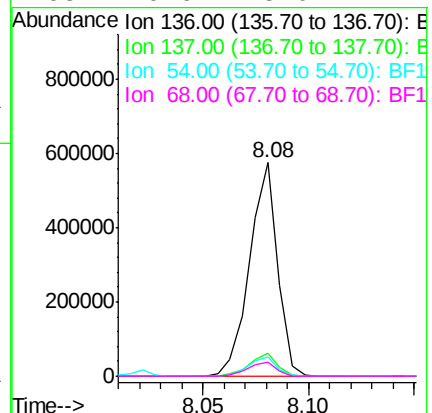
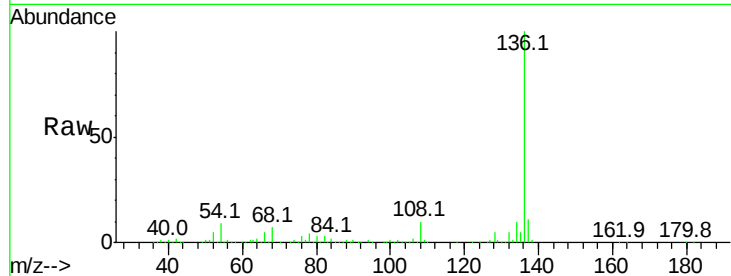
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Instrument :
BNA_F
ClientSampleId :
PB105265BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.9	13.3	
54	9.1	6.6	9.8	
68	6.6	5.0	7.4	

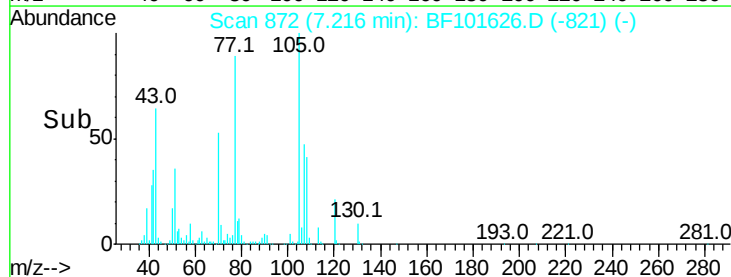
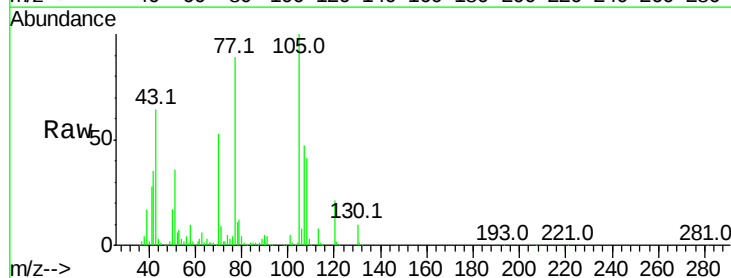
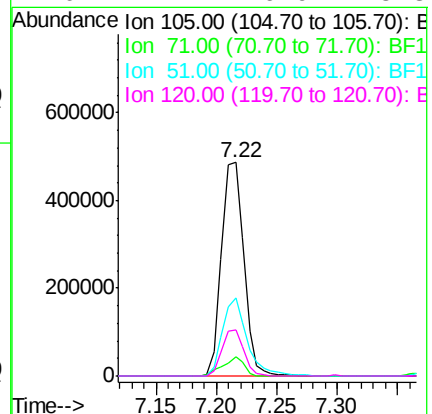
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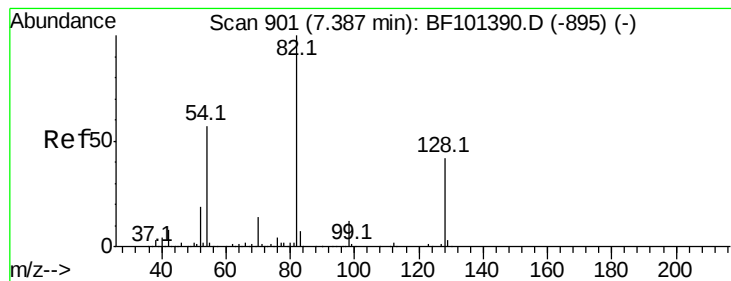
Sohil
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#22
Acetophenone
Concen: 51.745 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.1	4.4	6.6#	
51	36.3	22.3	33.5#	
120	21.4	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 100.633 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.01 min

Lab File: BF101626.D

Acq: 22 Dec 2017 1:20

Instrument :

BNA_F

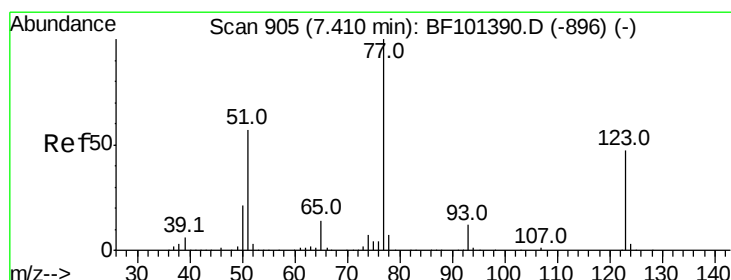
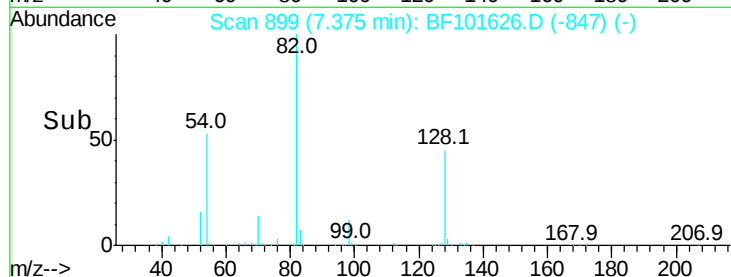
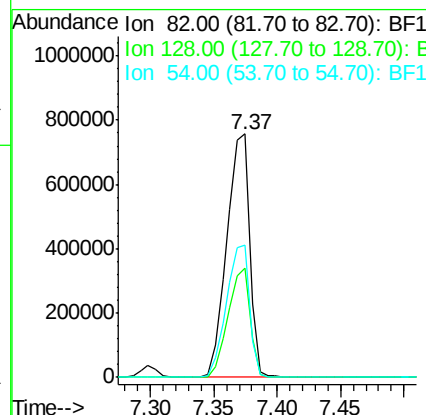
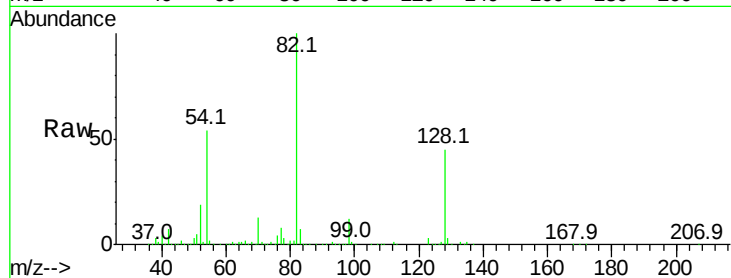
ClientSampled :

PB105265BSD

Tot Ion:	82	Resp:	952436
Ion Ratio	Lower	Upper	
82	100		
128	44.6	36.1	54.1
54	54.2	41.4	62.2

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#24

Nitrobenzene

Concen: 48.616 ng

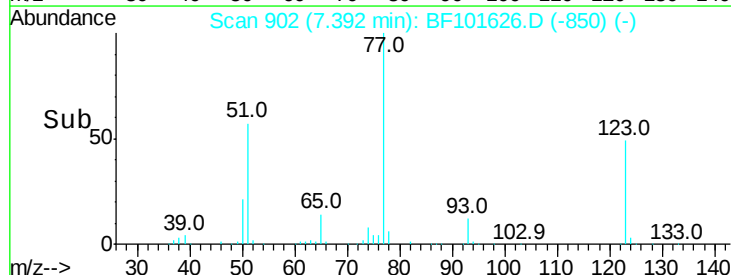
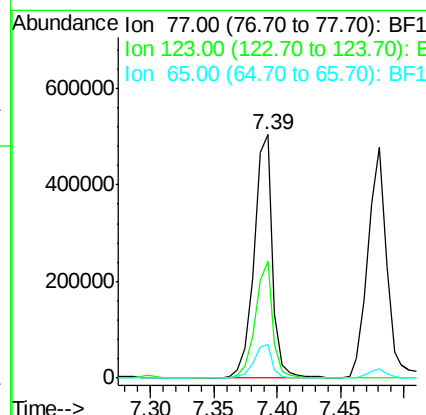
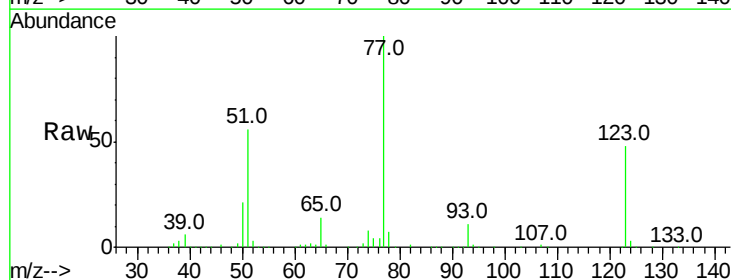
RT: 7.39 min Scan# 902

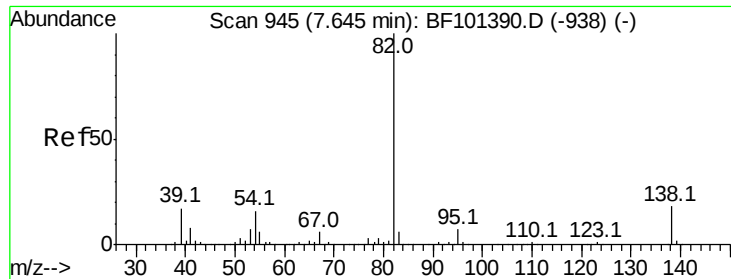
Delta R.T. 0.01 min

Lab File: BF101626.D

Acq: 22 Dec 2017 1:20

Tgt Ion:	77	Resp:	509242
Ion Ratio	Lower	Upper	
77	100		
123	47.8	37.9	56.9
65	13.7	11.0	16.4





#25

Isophorone

Concen: 49.515 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF101626.D

Acq: 22 Dec 2017 1:20

Instrument :

BNA_F

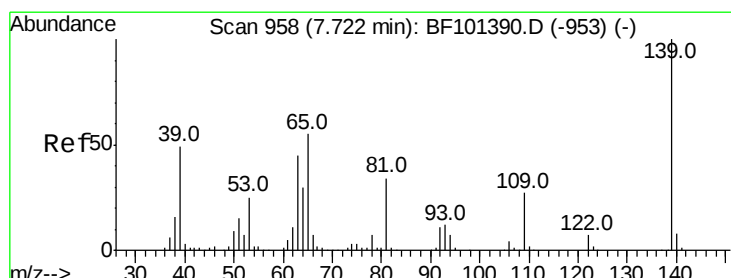
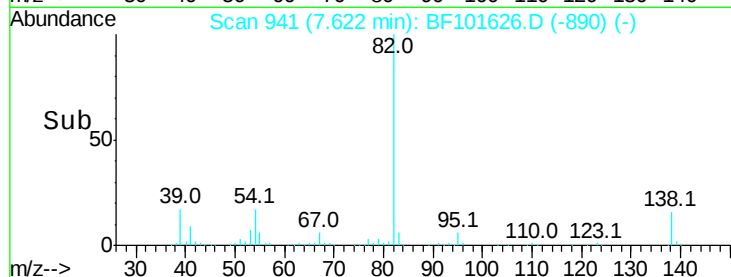
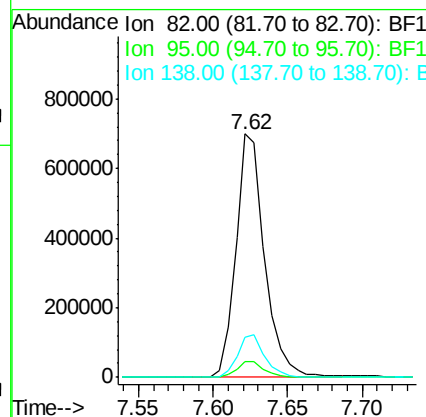
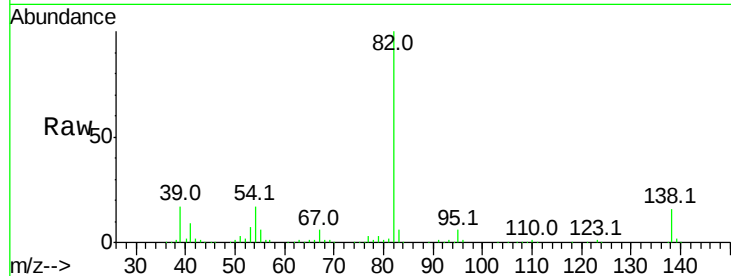
ClientSampleId :

PB105265BSD

Tot Ion:	82	Resp:	940112
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.2	7.8
138	16.5	14.9	22.3

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#26

2-Nitrophenol

Concen: 52.335 ng

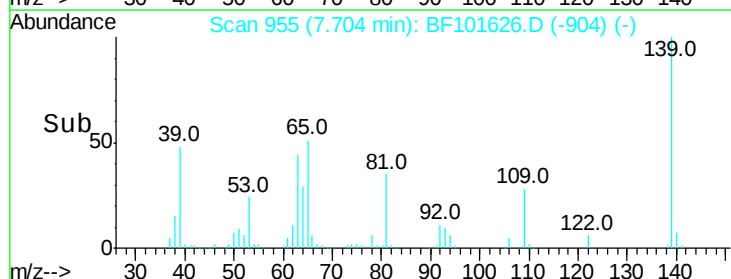
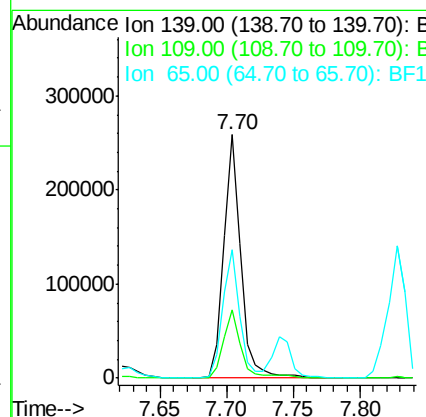
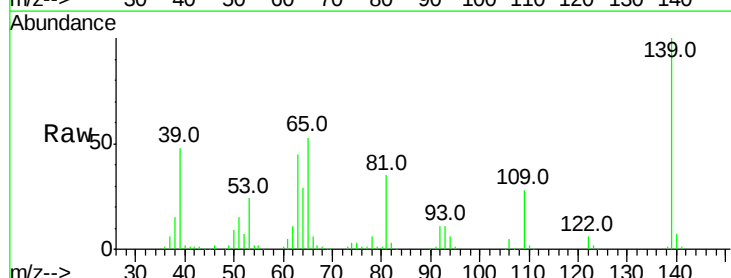
RT: 7.70 min Scan# 955

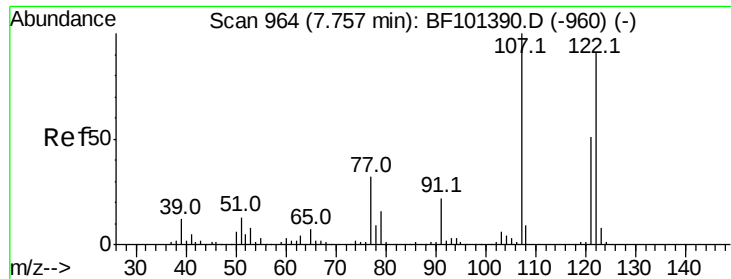
Delta R.T. -0.00 min

Lab File: BF101626.D

Acq: 22 Dec 2017 1:20

Tgt Ion:	139	Resp:	235516
Ion Ratio		Lower	Upper
139	100		
109	28.3	22.7	34.1
65	52.9	40.5	60.7





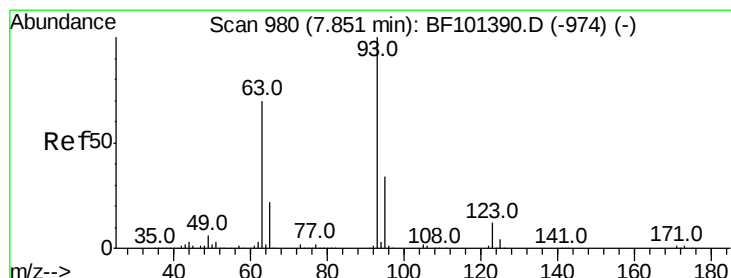
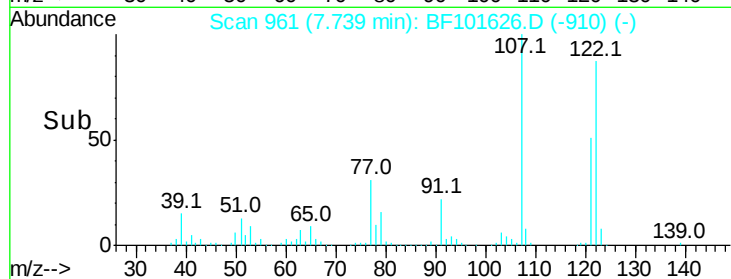
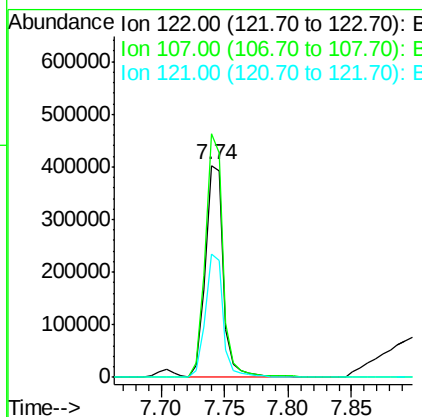
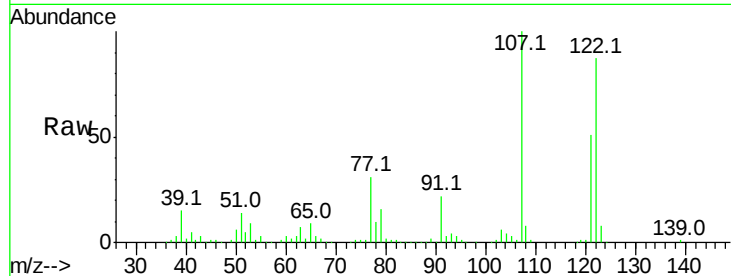
#27
2,4-Dimethylphenol
Concen: 52.095 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Instrument :
BNA_F
ClientSampleId :
PB105265BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	398271		
107	114.8		91.2	136.8
121	58.0		47.2	70.8

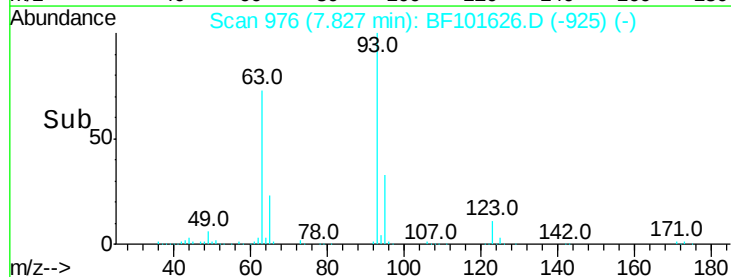
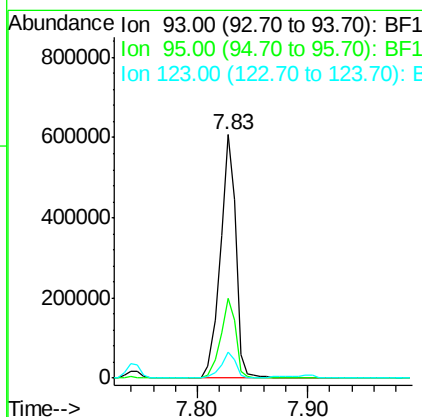
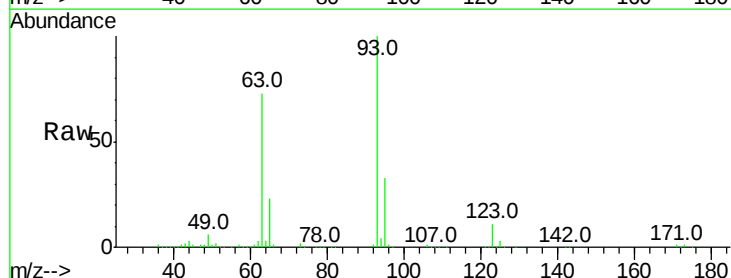
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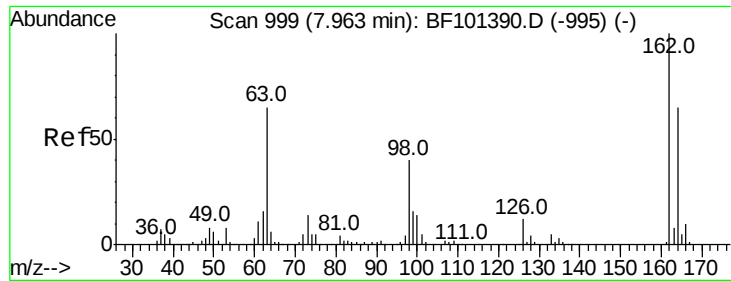
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 49.122 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	592433		
95	32.9		26.3	39.5
123	10.6		9.8	14.6





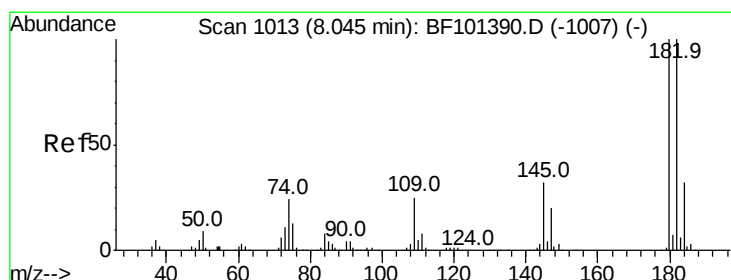
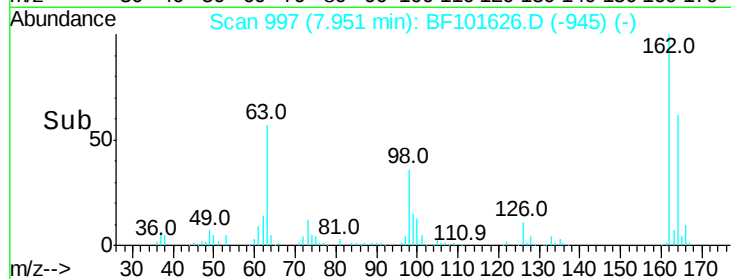
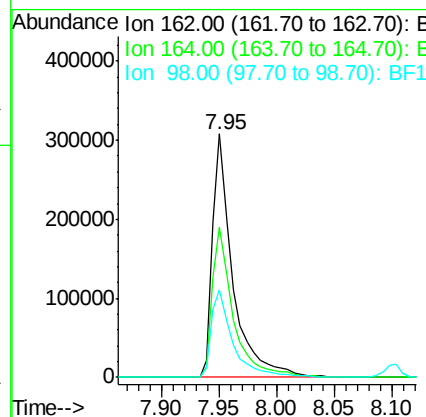
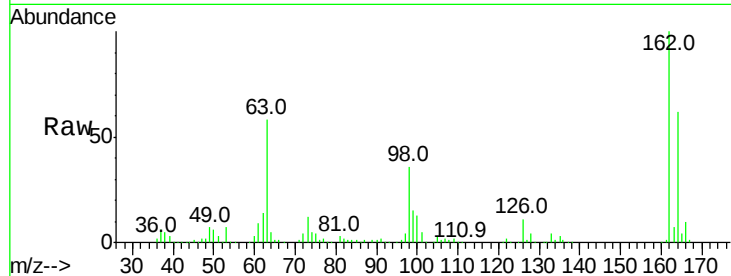
#29
 2,4-Dichlorophenol
 Concen: 49.909 ng
 RT: 7.95 min Scan# 997
 Delta R.T. 0.01 min
 Lab File: BF101626.D
 Acq: 22 Dec 2017 1:20

Instrument :
 BNA_F
 ClientSampleId :
 PB105265BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	61.9	42.7	82.7
98	35.7	18.1	58.1

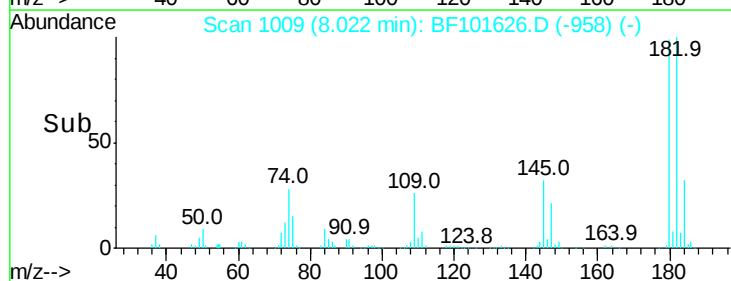
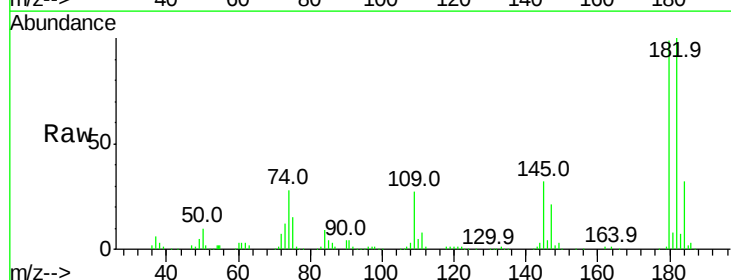
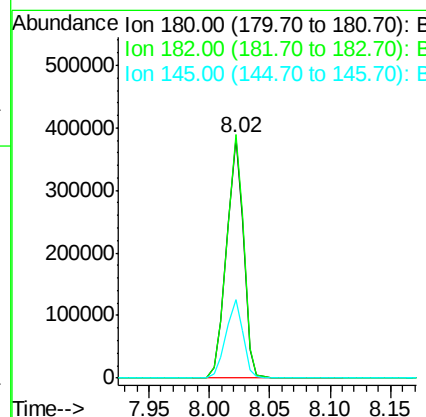
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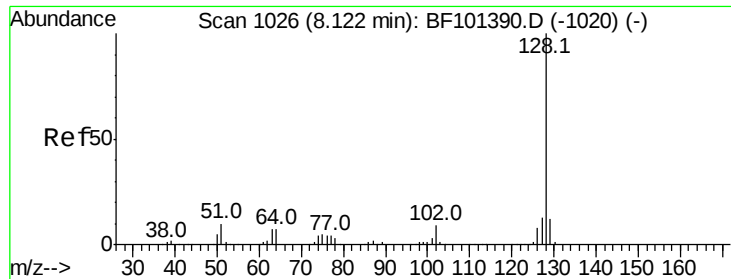
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.690 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF101626.D
 Acq: 22 Dec 2017 1:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	101.5	76.8	115.2
145	33.0	26.5	39.7





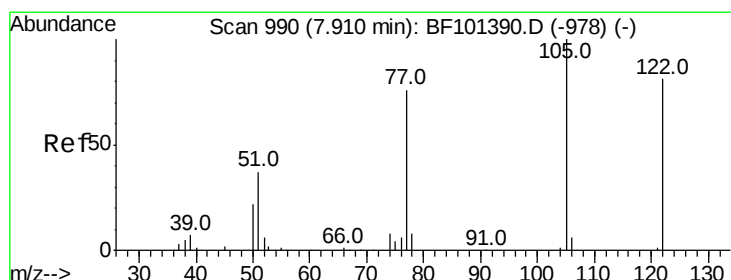
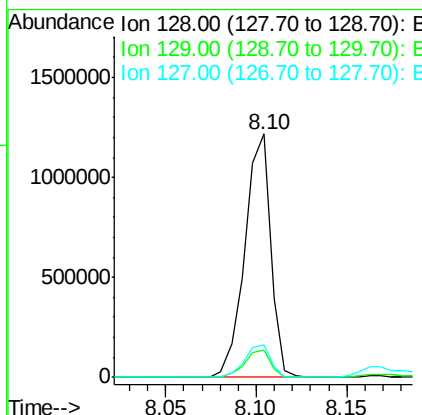
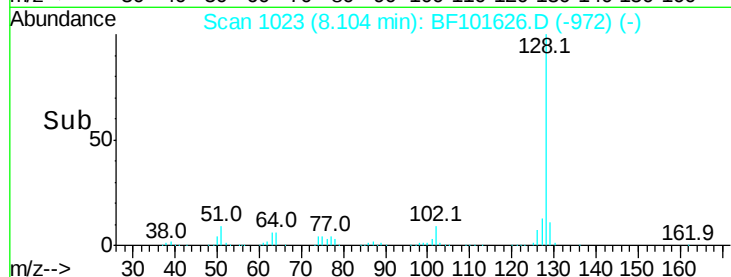
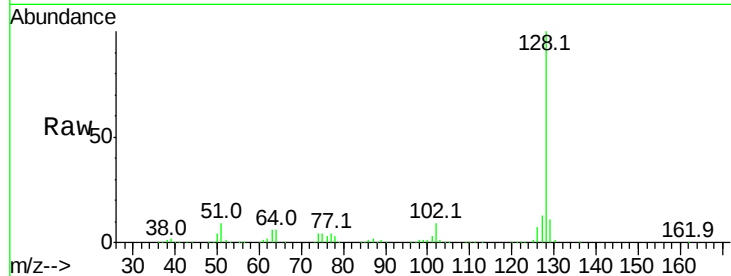
#31
Naphthalene
Concen: 45.647 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Instrument :
BNA_F
ClientSampleId :
PB105265BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.4	10.9	16.3

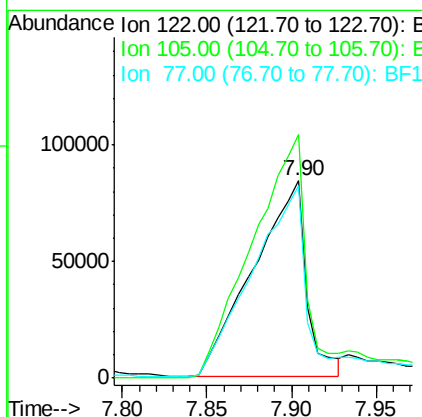
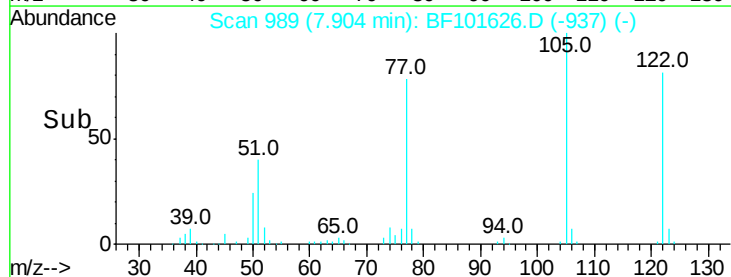
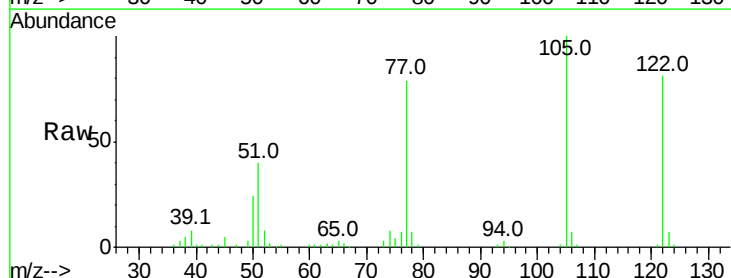
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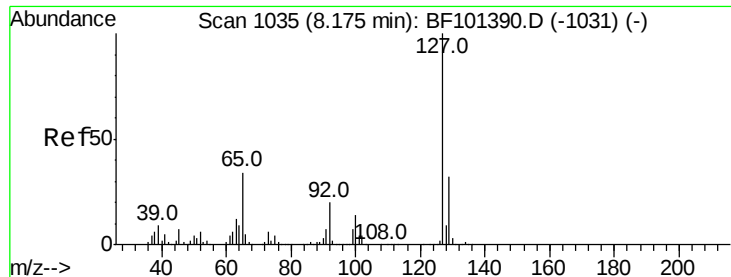
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#32
Benzoic acid
Concen: 37.890 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.5	101.1	141.1
77	97.7	70.7	110.7





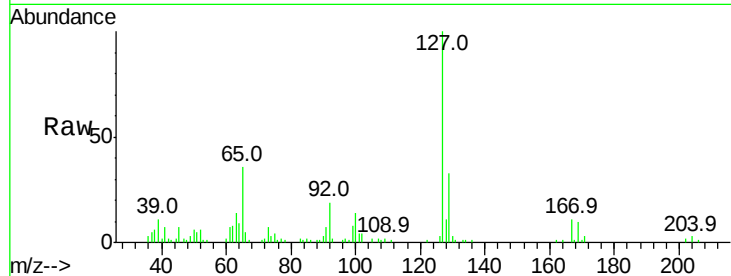
#33
4-Chloroaniline
Concen: 9.911 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Instrument :
BNA_F
ClientSampleId :
PB105265BSD

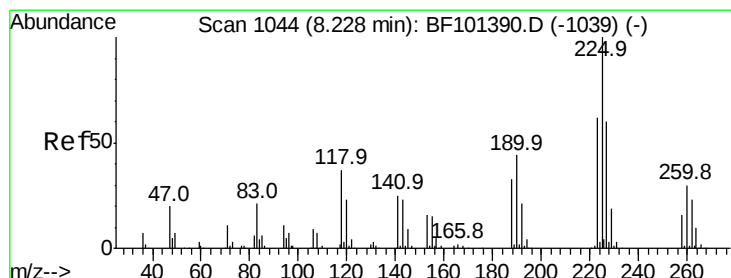
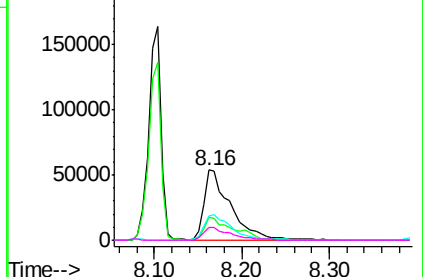
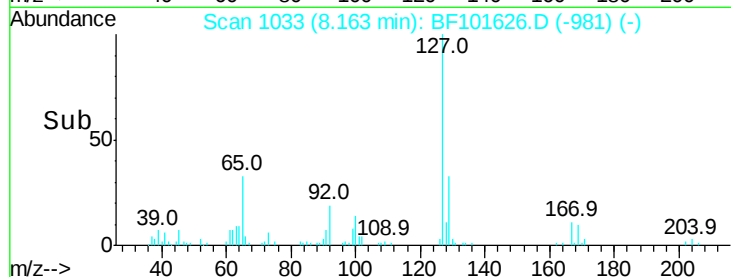
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.3	25.9	38.9	
65	35.5	25.0	37.4	
92	18.9	15.2	22.8	

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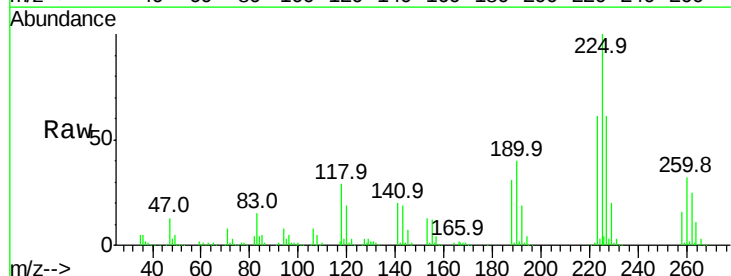


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

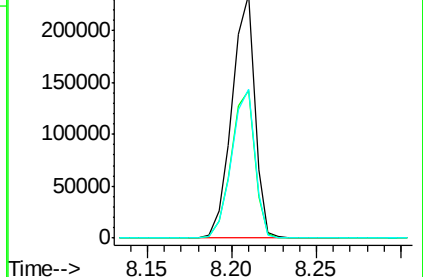
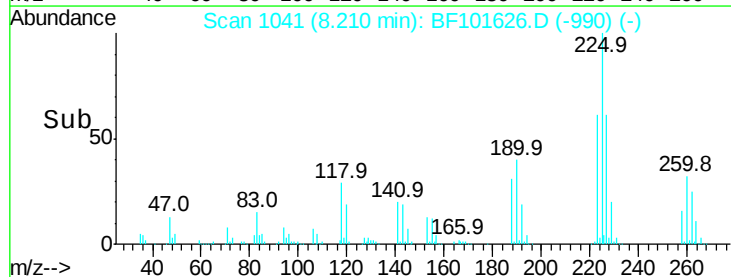


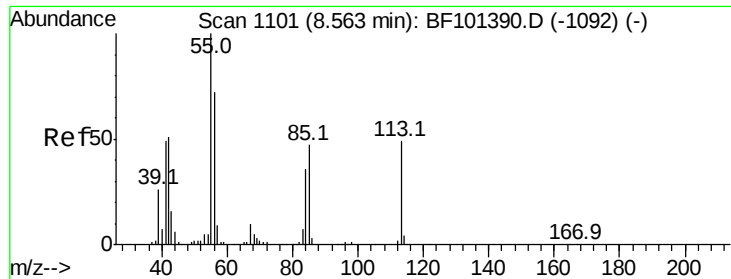
#34
Hexachlorobutadiene
Concen: 47.707 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.9	50.6	76.0	
227	61.3	51.9	77.9	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 46.642 ng

RT: 8.55 min Scan# 1098

Delta R.T. 0.01 min

Lab File: BF101626.D

Acq: 22 Dec 2017 1:20

Instrument :

BNA_F

ClientSampleId :

PB105265BSD

Tot Ion:113 Resp: 122327
Ion Ratio Lower Upper

113 100

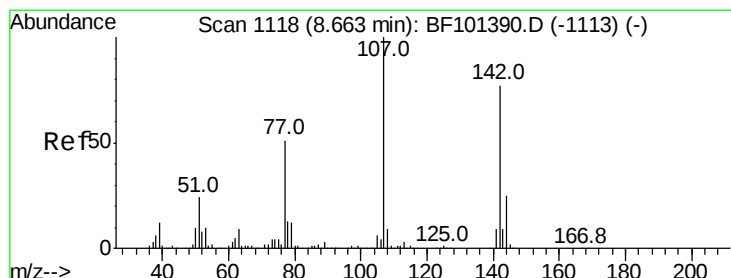
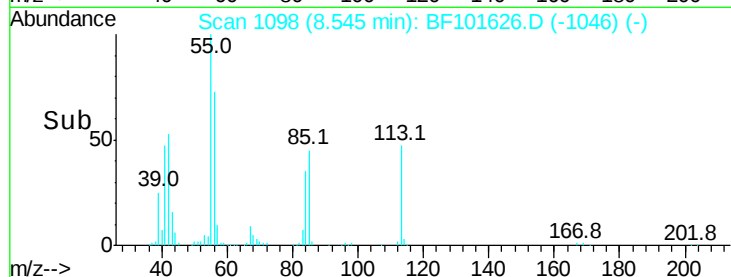
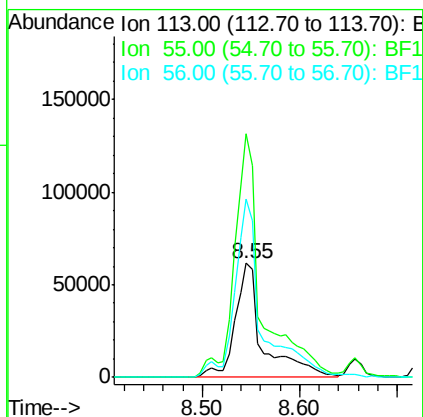
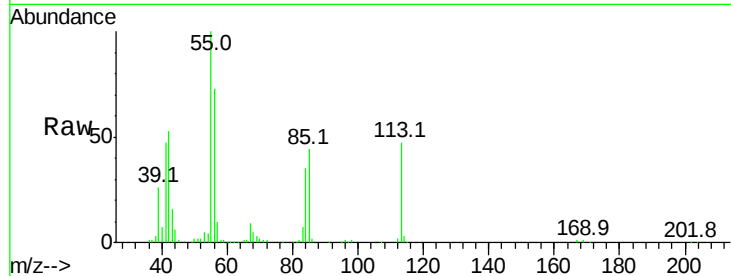
55 214.1 163.3 203.3#

56 156.4 115.7 155.7#

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#36

4-Chloro-3-methylphenol

Concen: 44.931 ng

RT: 8.66 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF101626.D

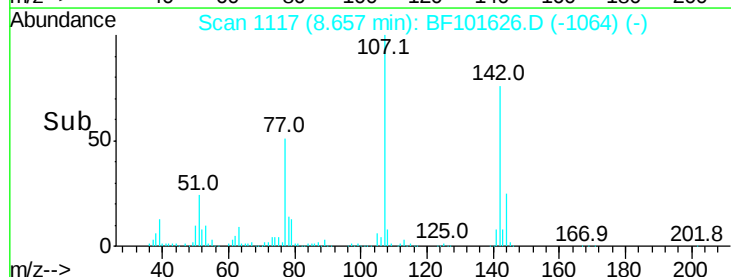
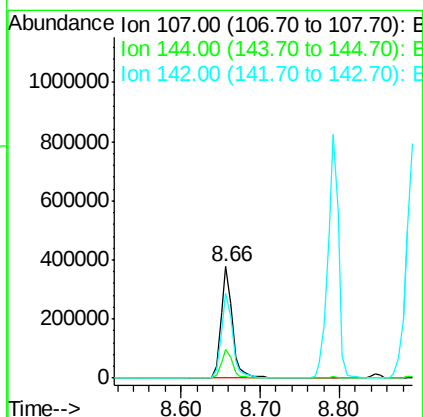
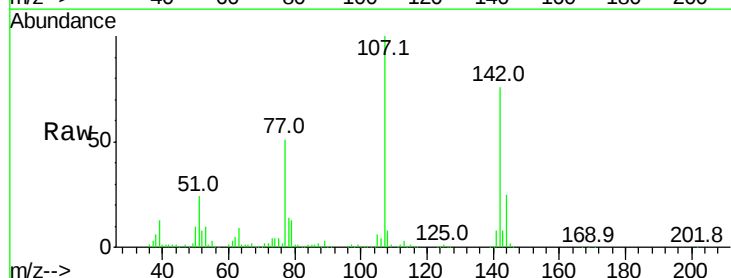
Acq: 22 Dec 2017 1:20

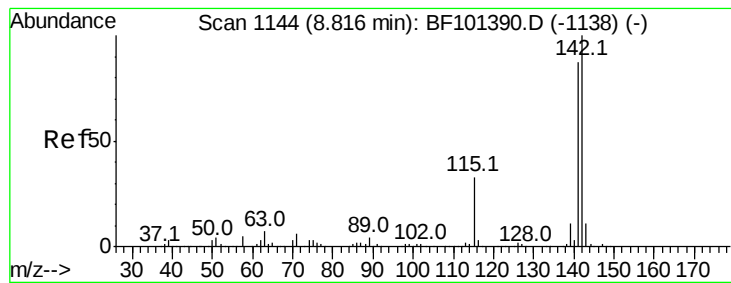
Tgt Ion:107 Resp: 372997
Ion Ratio Lower Upper

107 100

144 25.3 20.5 30.7

142 76.1 62.0 93.0





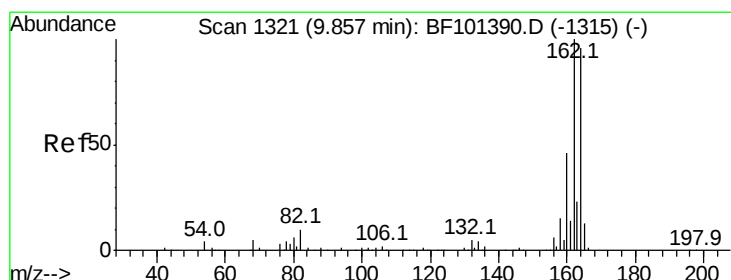
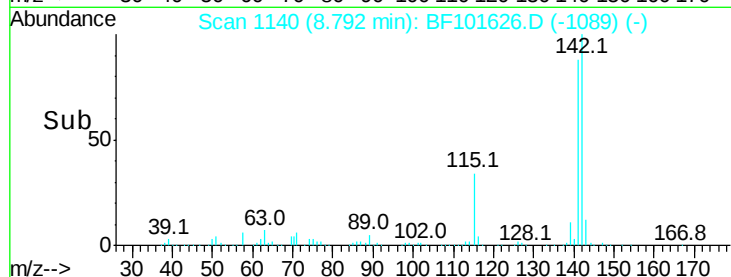
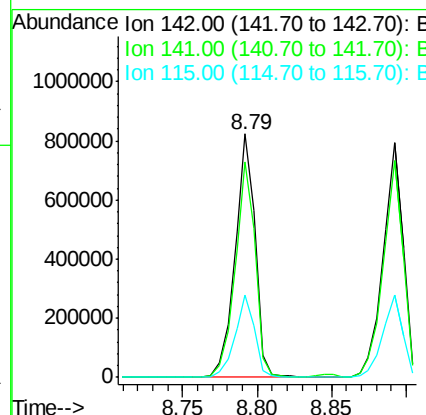
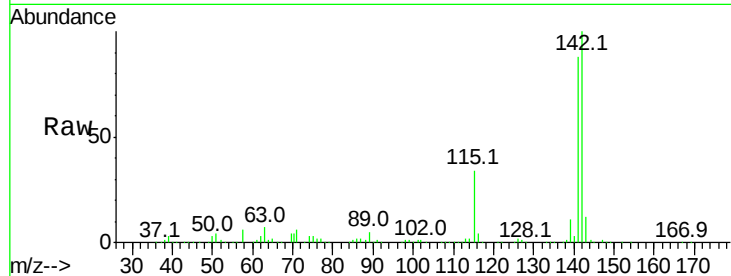
#37
2-Methylnaphthalene
Concen: 45.166 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Instrument :
BNA_F
ClientSampleId :
PB105265BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	780483		
141	88.4		70.8	106.2
115	33.8		26.1	39.1

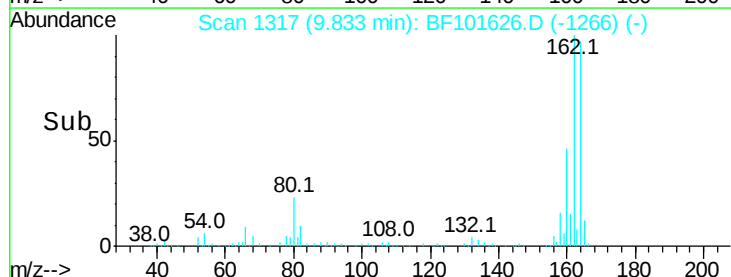
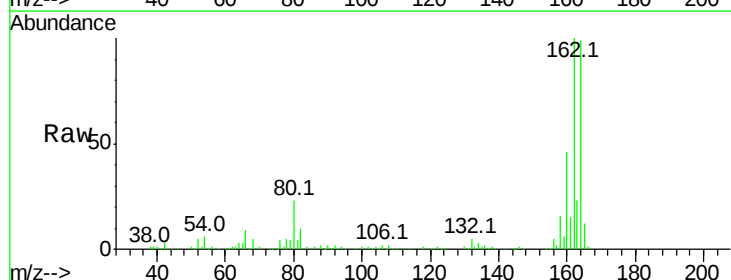
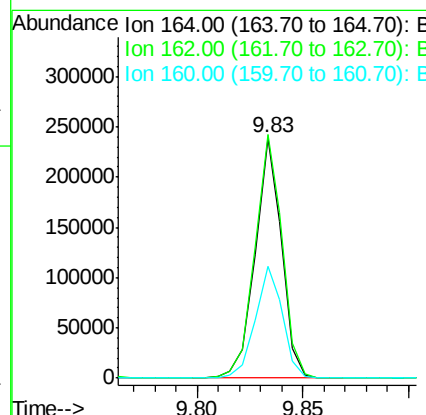
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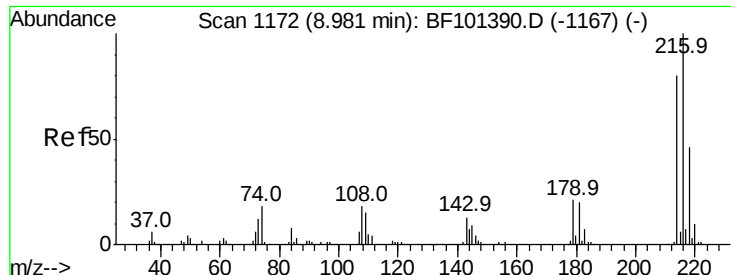
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	206483		
162	101.5		86.1	129.1
160	46.6		38.3	57.5





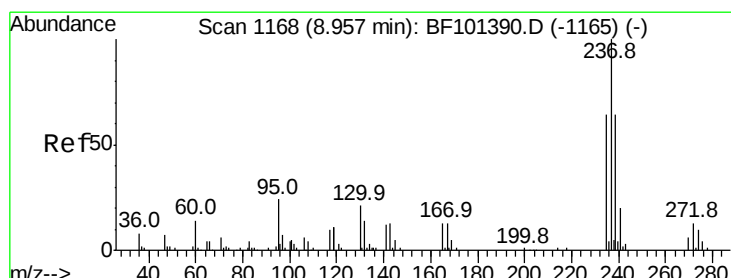
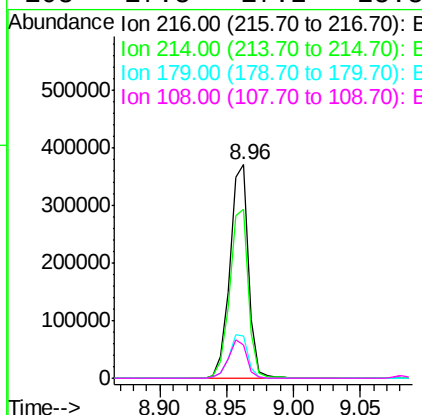
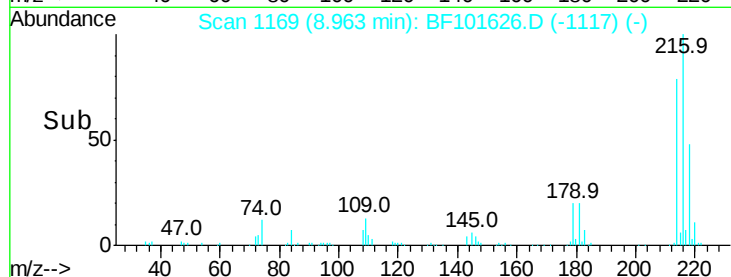
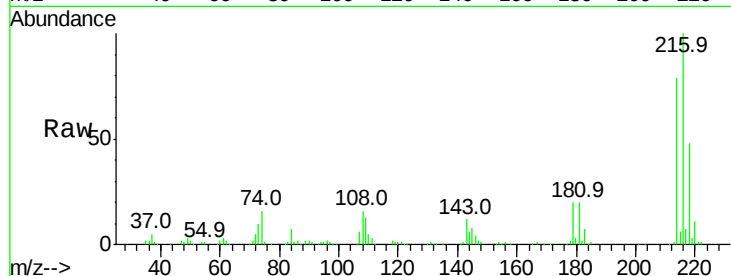
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.532 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.01 min
 Lab File: BF101626.D
 Acq: 22 Dec 2017 1:20

Instrument :
 BNA_F
 ClientSampleId :
 PB105265BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.9	63.0	94.4
179	20.6	18.1	27.1
108	17.8	17.2	25.8

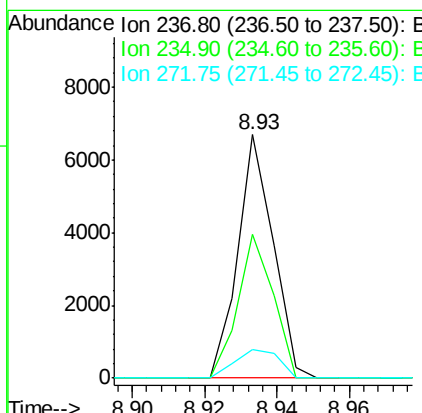
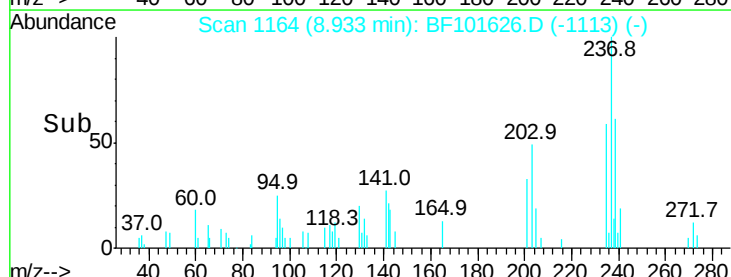
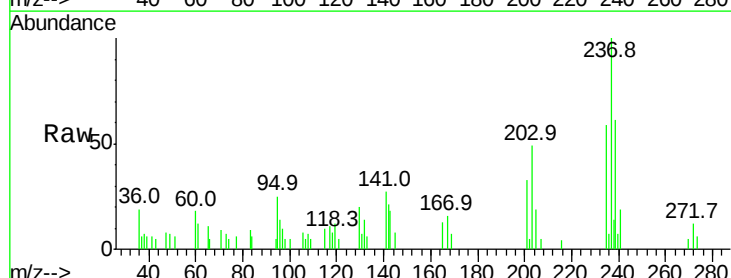
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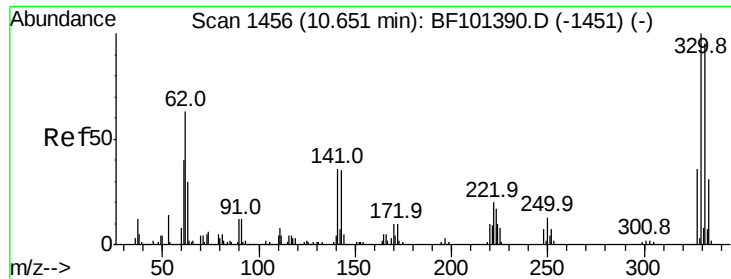
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#40
 Hexachlorocyclopentadiene
 Concen: 15.689 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF101626.D
 Acq: 22 Dec 2017 1:20

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	58.9	44.8	84.8
272	11.6	0.0	33.3





#41

2,4,6-Tribromophenol

Concen: 88.683 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF101626.D

Acq: 22 Dec 2017 1:20

Instrument :

BNA_F

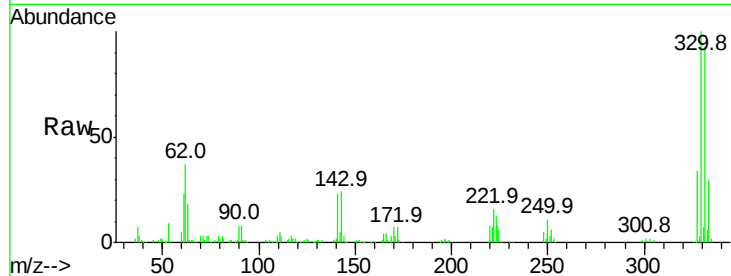
ClientSampleId :

PB105265BSD

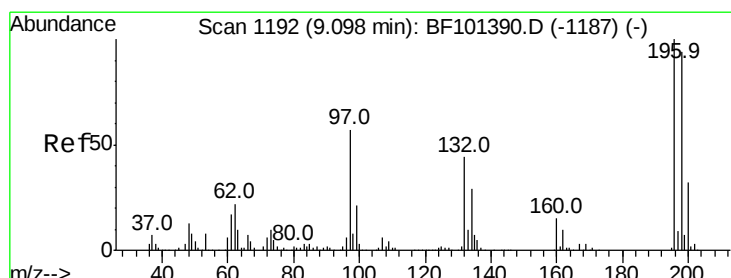
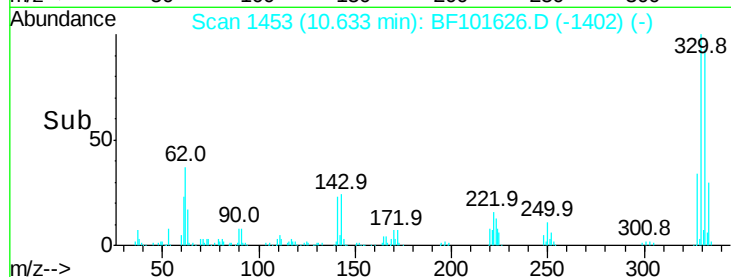
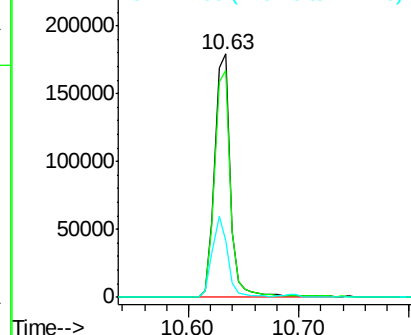
Tot Ion:	330	Resp:	176445
Ion Ratio	Lower	Upper	
330	100		
332	95.0	77.0	115.6
141	32.1	29.9	44.9

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



#42

2,4,6-Trichlorophenol

Concen: 54.554 ng

RT: 9.08 min Scan# 1189

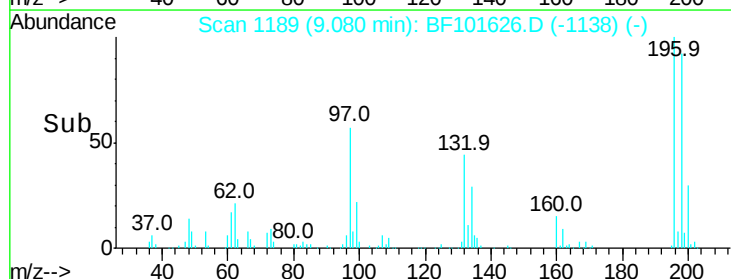
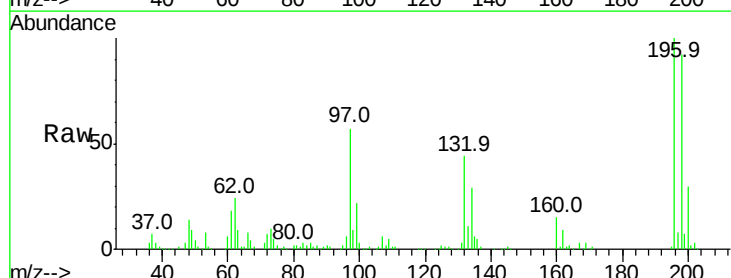
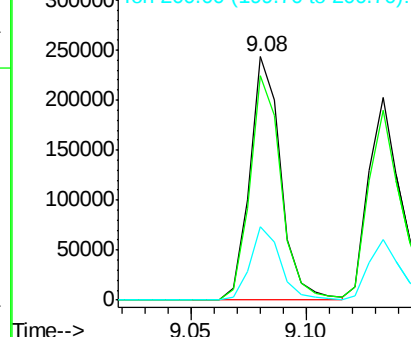
Delta R.T. -0.00 min

Lab File: BF101626.D

Acq: 22 Dec 2017 1:20

Tgt Ion:	196	Resp:	228962
Ion Ratio	Lower	Upper	
196	100		
198	92.1	75.7	113.5
200	30.2	24.5	36.7

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





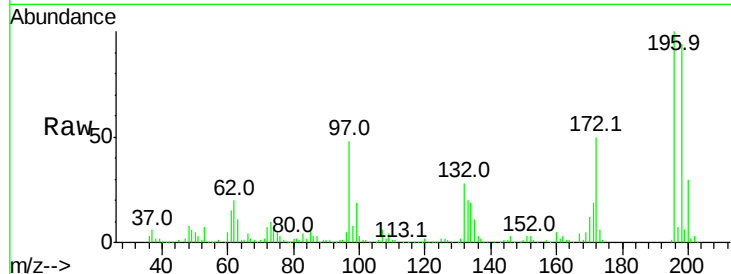
#43
 2,4,5-Trichlorophenol
 Concen: 48.039 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF101626.D
 Acq: 22 Dec 2017 1:20

Instrument :
 BNA_F
 ClientSampleId :
 PB105265BSD

Tot Ion:	196	Resp:	220760
Ion Ratio		Lower	Upper
196	100		
198	93.6	74.6	112.0
97	47.6	42.9	64.3
132	27.7	26.3	39.5

Manual Integrations
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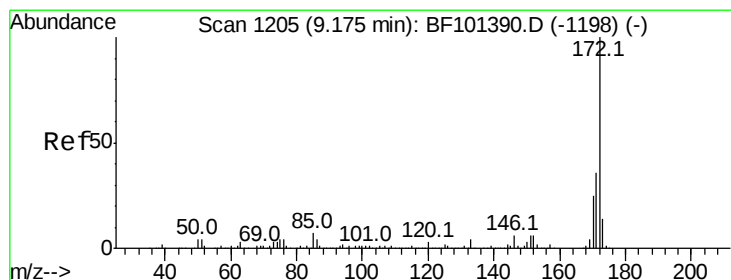
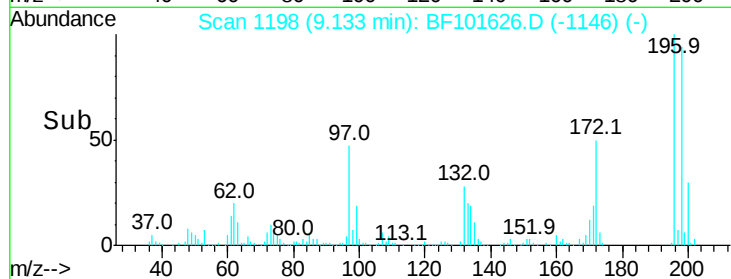
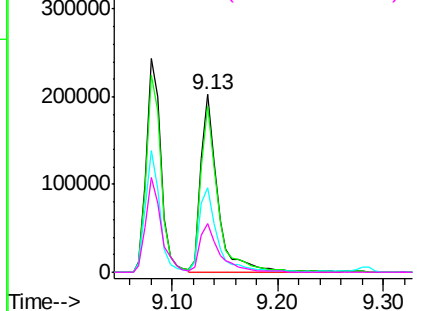
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 106.205 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF101626.D
 Acq: 22 Dec 2017 1:20

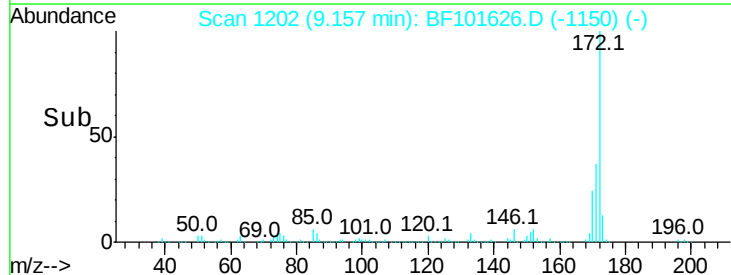
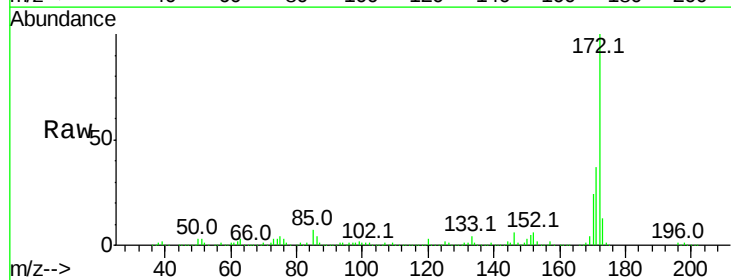
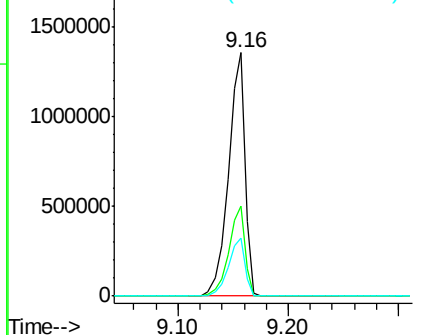
Tgt Ion:	172	Resp:	1413670
Ion Ratio		Lower	Upper
172	100		
171	36.7	29.7	44.5
170	23.7	19.6	29.4

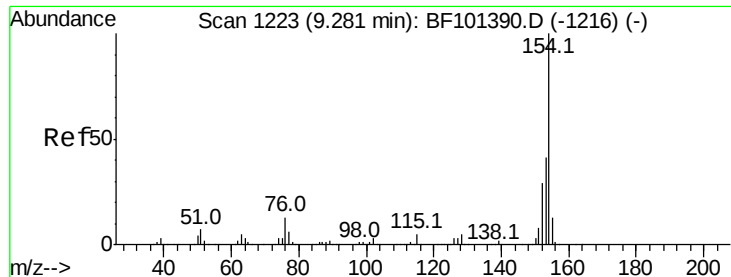
Abundance

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





#45

1,1'-Biphenyl

Concen: 50.661 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BF101626.D

Acq: 22 Dec 2017 1:20

Instrument :

BNA_F

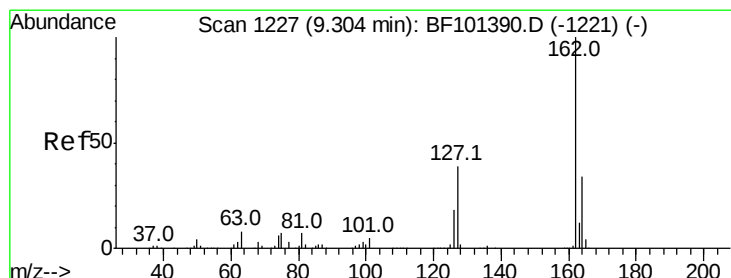
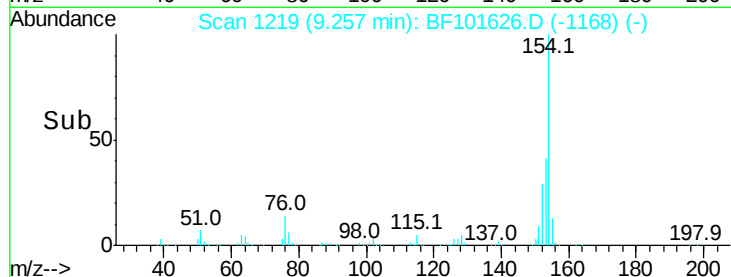
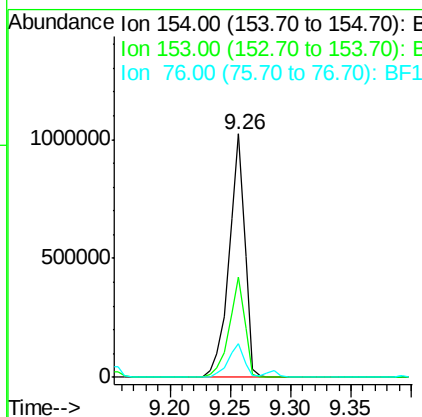
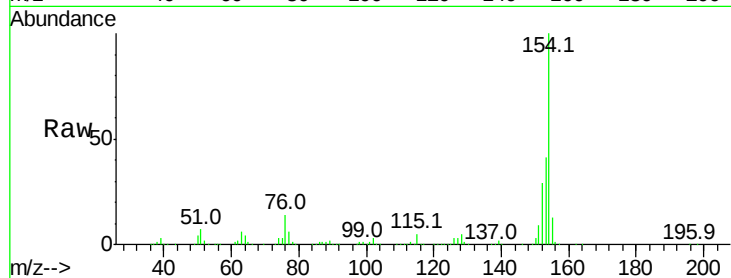
ClientSampleId :

PB105265BSD

Tot Ion:	154	Resp:	927701
Ion Ratio	Lower	Upper	
154	100		
153	41.3	21.3	61.3
76	14.0	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 48.906 ng

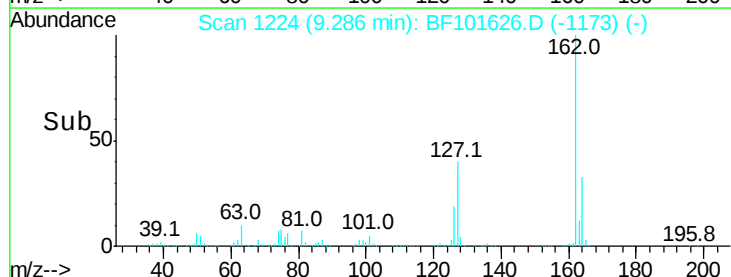
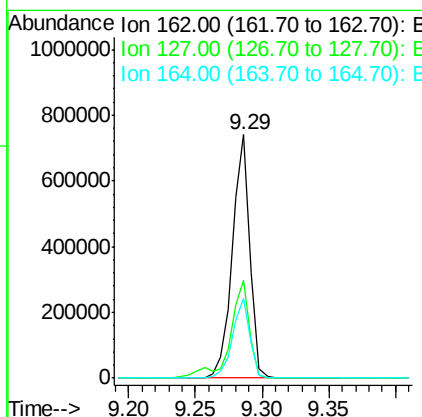
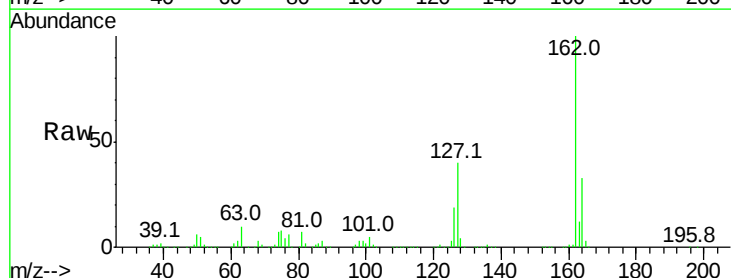
RT: 9.29 min Scan# 1224

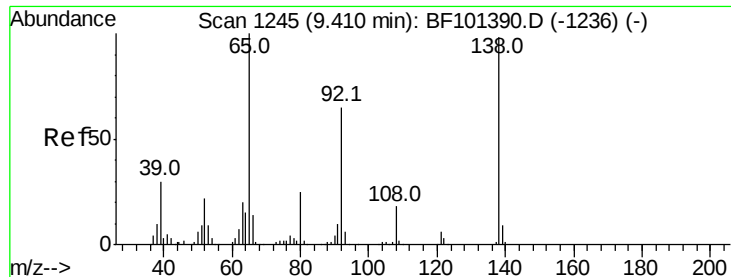
Delta R.T. -0.00 min

Lab File: BF101626.D

Acq: 22 Dec 2017 1:20

Tgt Ion:	162	Resp:	685240
Ion Ratio	Lower	Upper	
162	100		
127	40.1	33.9	50.9
164	33.0	26.5	39.7





#47

2-Nitroaniline

Concen: 49.996 ng

RT: 9.39 min Scan# 1242

Delta R.T. -0.00 min

Lab File: BF101626.D

Acq: 22 Dec 2017 1:20

Instrument :

BNA_F

ClientSampleId :

PB105265BSD

Tot Ion: 65 Resp: 241997

Ion Ratio Lower Upper

65 100

92 64.5 55.8 83.6

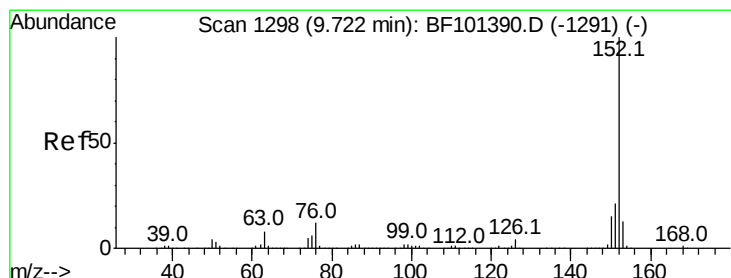
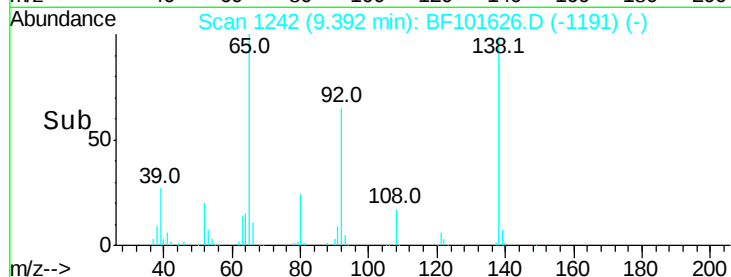
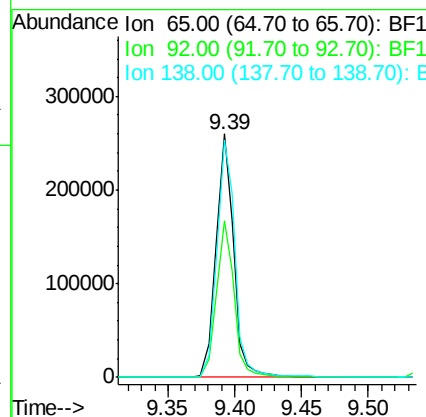
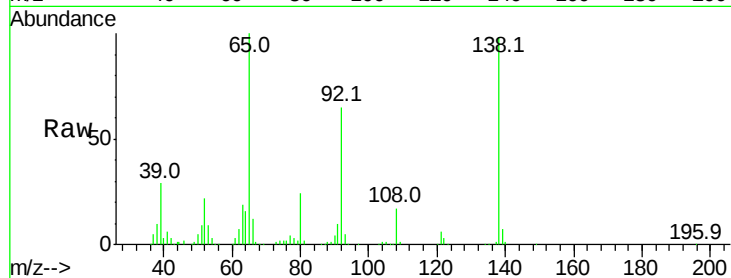
138 97.6 91.2 136.8

Manual Integrations

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#48

Acenaphthylene

Concen: 43.089 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF101626.D

Acq: 22 Dec 2017 1:20

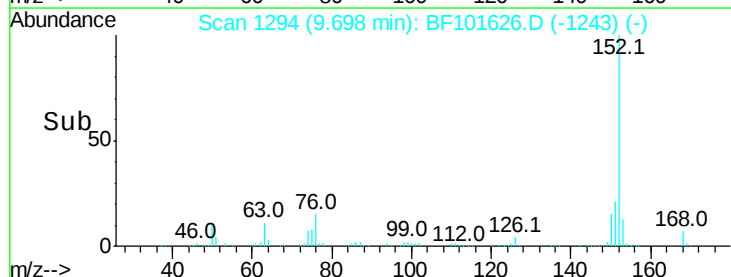
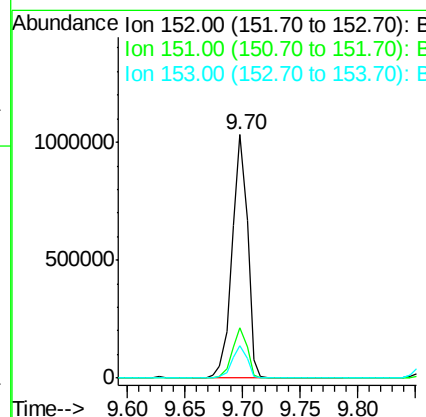
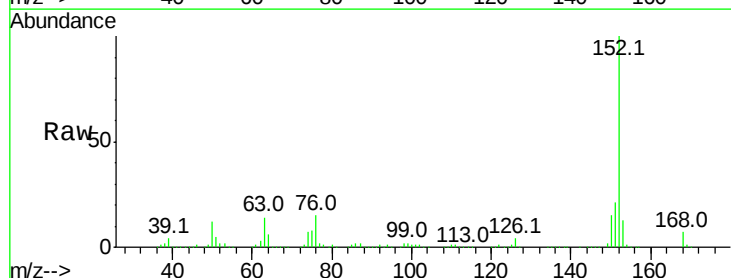
Tgt Ion: 152 Resp: 953588

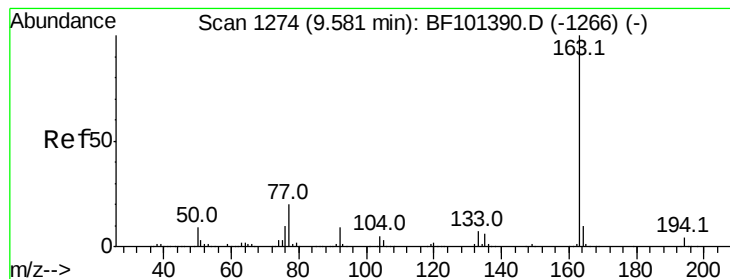
Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

153 13.4 10.7 16.1





#49

Dimethylphthalate

Concen: 46.859 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BF101626.D

Acq: 22 Dec 2017 1:20

Instrument :

BNA_F

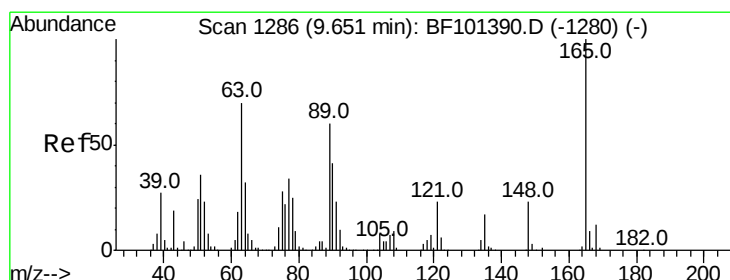
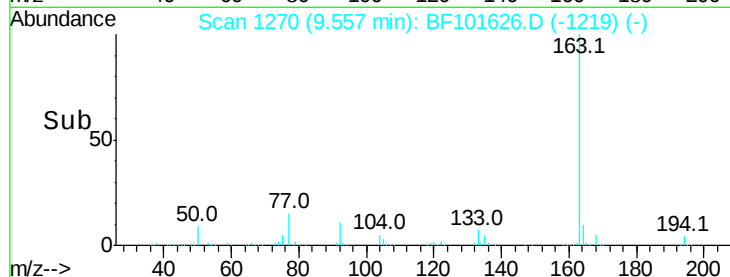
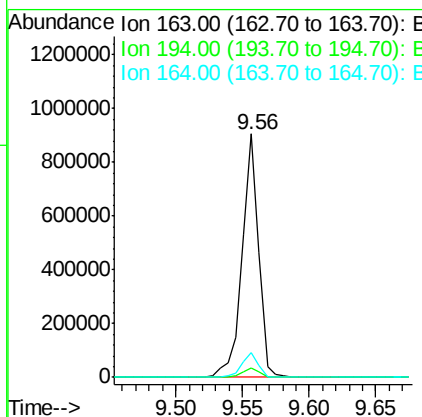
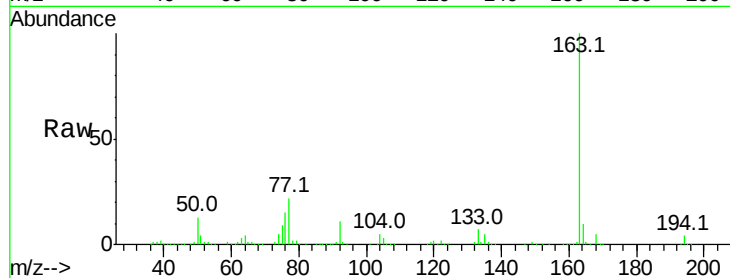
ClientSampleId :

PB105265BSD

Tot Ion:	163	Resp:	778260
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.7	4.1
164	10.4	8.2	12.2

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#50

2,6-Dinitrotoluene

Concen: 47.466 ng

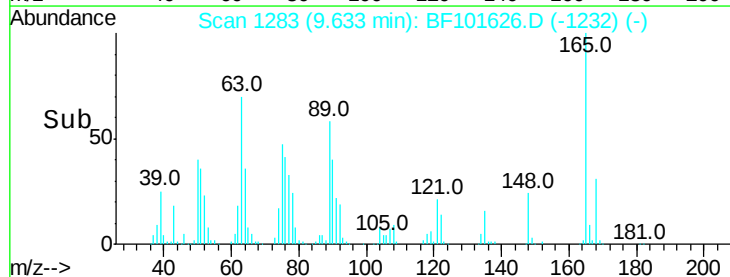
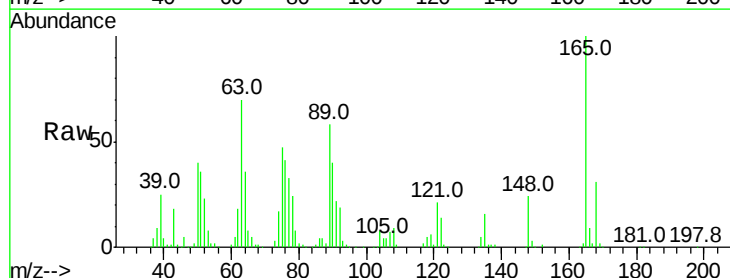
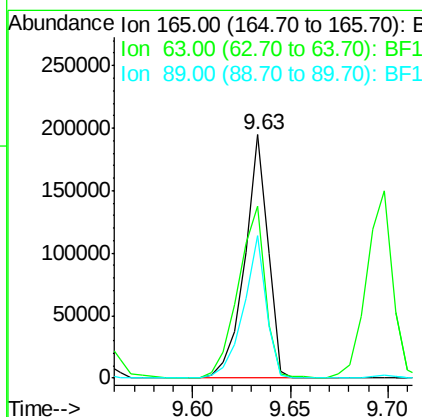
RT: 9.63 min Scan# 1283

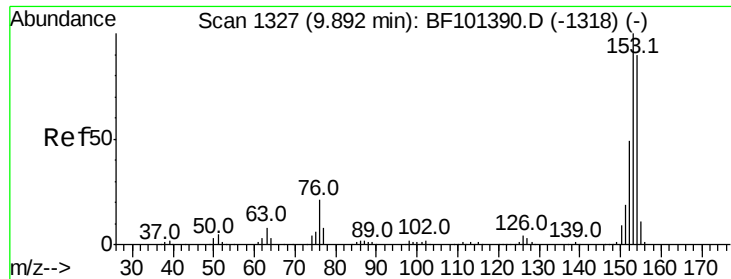
Delta R.T. -0.00 min

Lab File: BF101626.D

Acq: 22 Dec 2017 1:20

Tgt Ion:	165	Resp:	160225
Ion Ratio	Lower	Upper	
165	100		
63	70.5	44.7	67.1#
89	58.3	44.0	66.0





#51

Acenaphthene

Concen: 44.026 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF101626.D

Acq: 22 Dec 2017 1:20

Instrument :

BNA_F

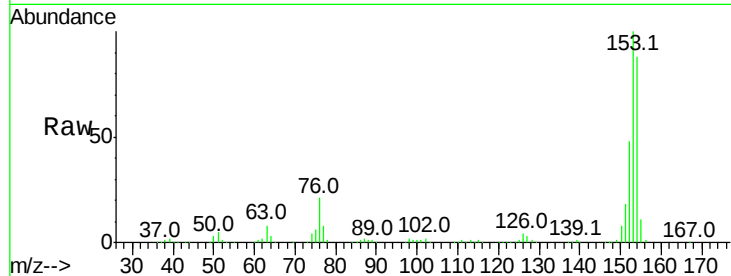
ClientSampleID :

PB105265BSD

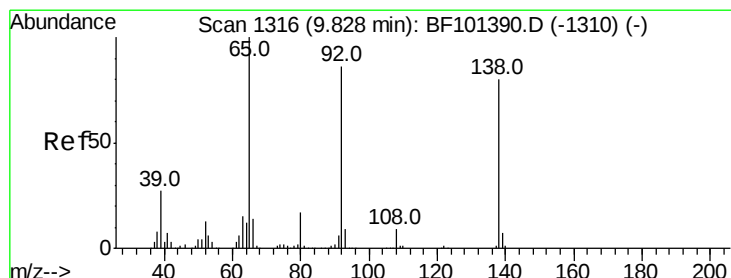
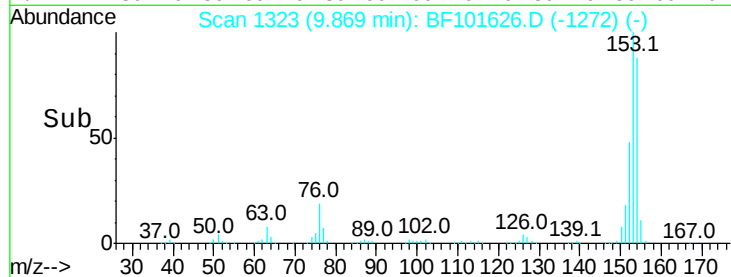
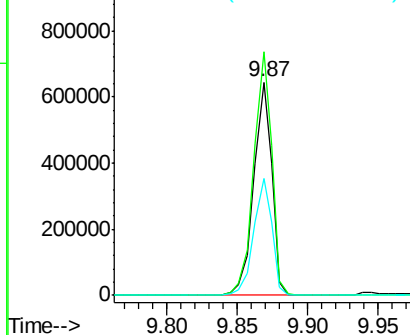
Tot Ion:	154	Resp:	585374
Ion Ratio	Lower	Upper	
154	100		
153	114.1	91.2	136.8
152	54.7	43.8	65.8

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



#52

3-Nitroaniline

Concen: 25.234 ng

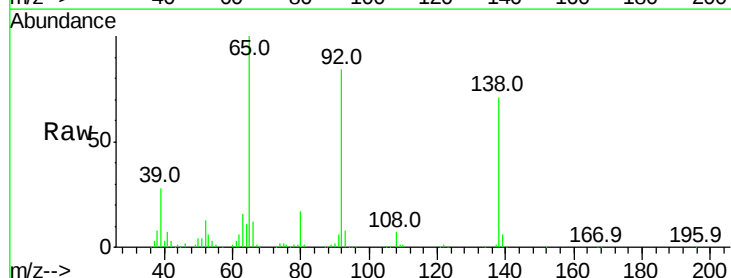
RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

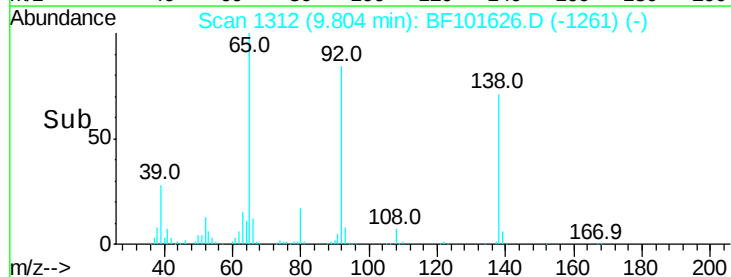
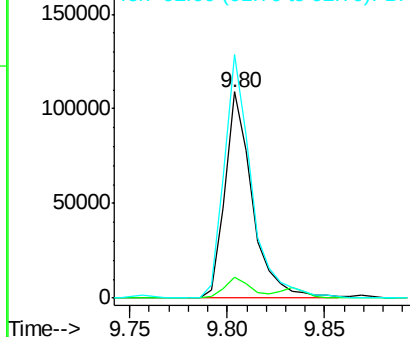
Lab File: BF101626.D

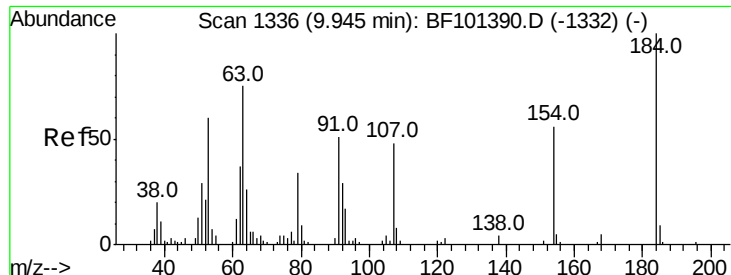
Acq: 22 Dec 2017 1:20

Tgt Ion:	138	Resp:	106197
Ion Ratio	Lower	Upper	
138	100		
108	9.9	9.4	14.0
92	118.0	89.4	134.2



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





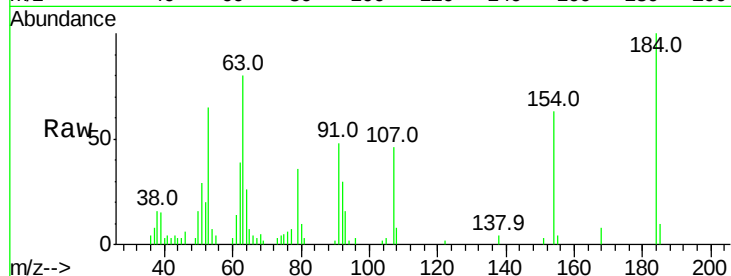
#53
2,4-Dinitrophenol
Concen: 27.310 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Instrument :
BNA_F
ClientSampleId :
PB105265BSD

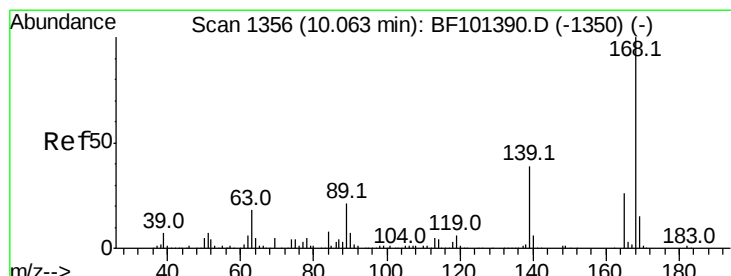
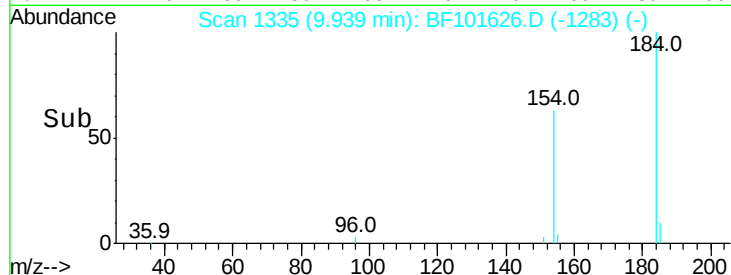
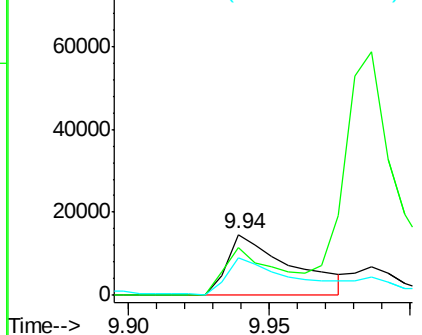
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	79.7	54.2	81.2	
154	62.7	184.0	276.0	

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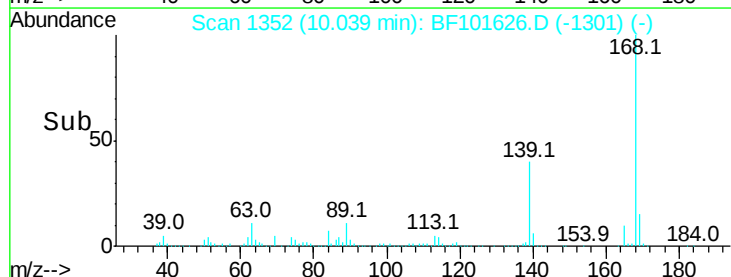
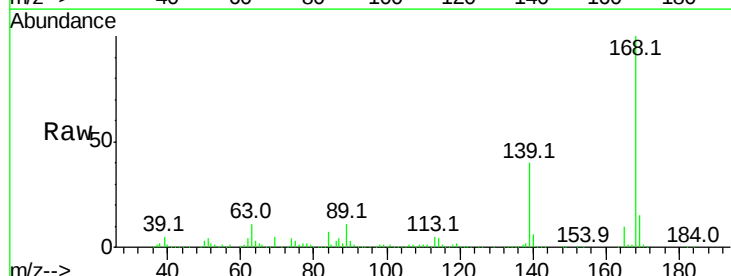
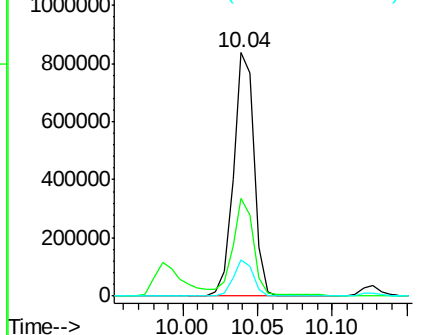
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

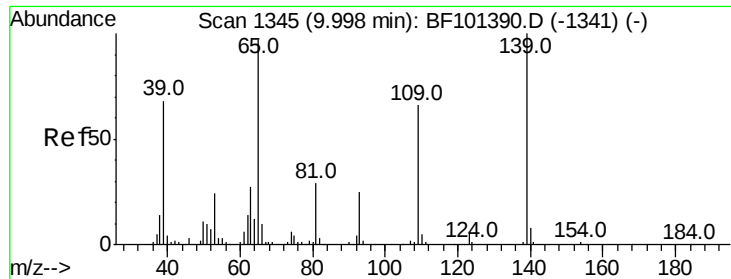


#54
Dibenzofuran
Concen: 47.939 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.2	30.1	45.1	
169	14.8	10.9	16.3	

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





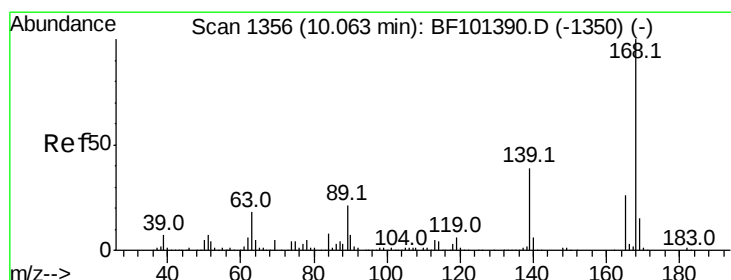
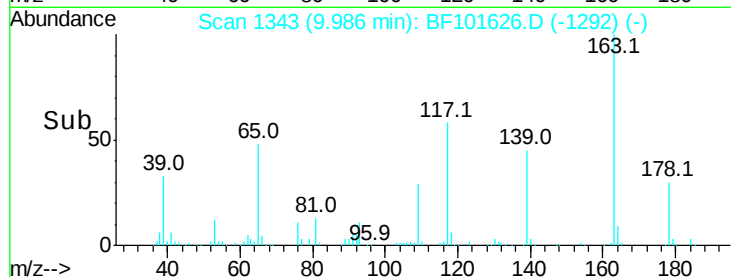
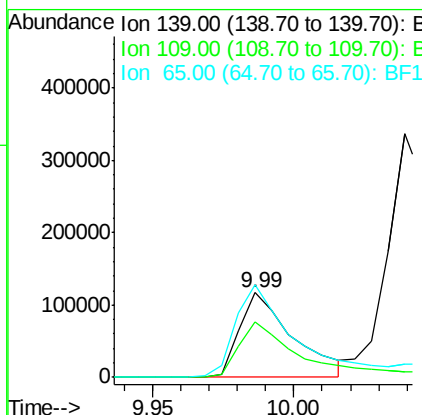
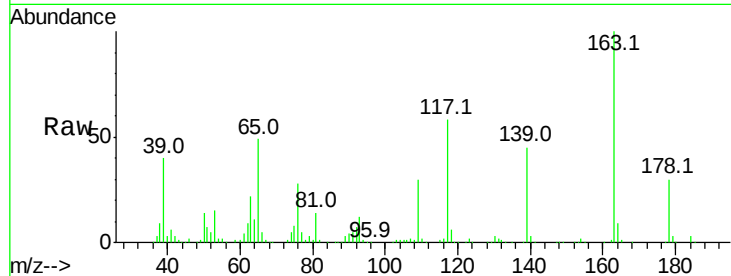
#55
4-Nitrophenol
Concen: 83.221 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Instrument :
BNA_F
ClientSampleId :
PB105265BSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	66.3	48.4	88.4
65	110.3	72.6	112.6

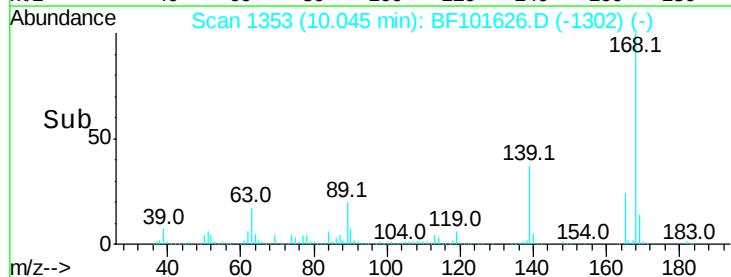
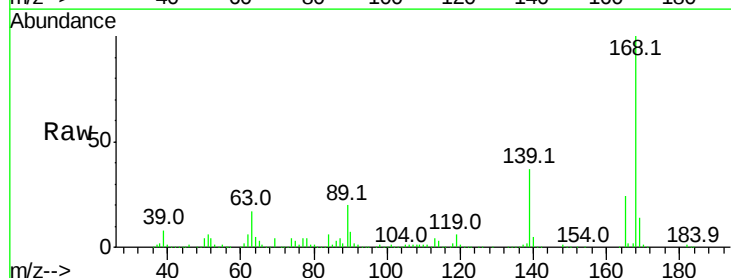
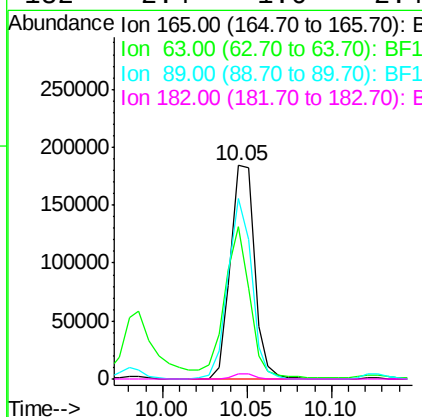
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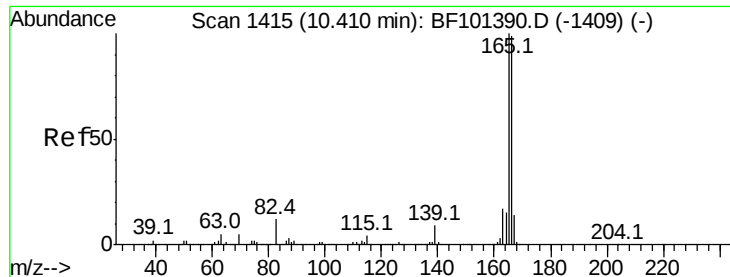
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#56
2,4-Dinitrotoluene
Concen: 48.214 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	71.6	36.4	54.6#
89	84.6	57.8	86.6
182	2.4	1.6	2.4





#57

Fluorene

Concen: 44.392 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.00 min

Lab File: BF101626.D

Acq: 22 Dec 2017 1:20

Instrument :

BNA_F

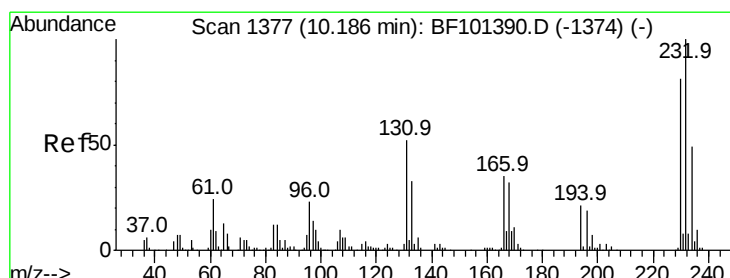
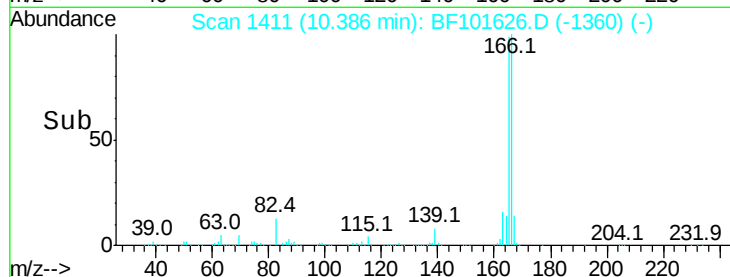
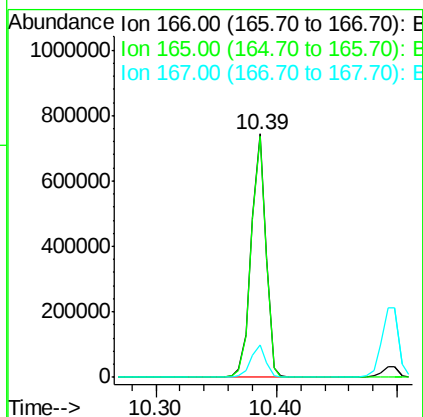
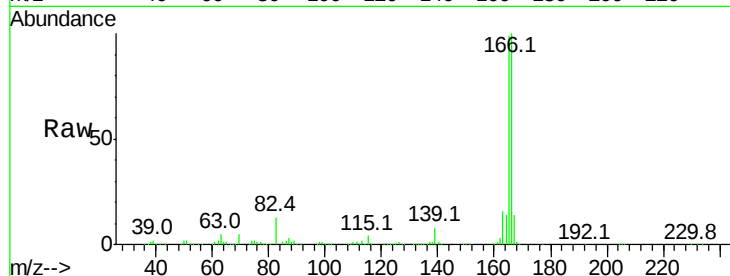
ClientSampleId :

PB105265BSD

Tot Ion:	166	Resp:	634550
Ion Ratio	Lower	Upper	
166	100		
165	99.1	79.8	119.8
167	13.6	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 49.741 ng

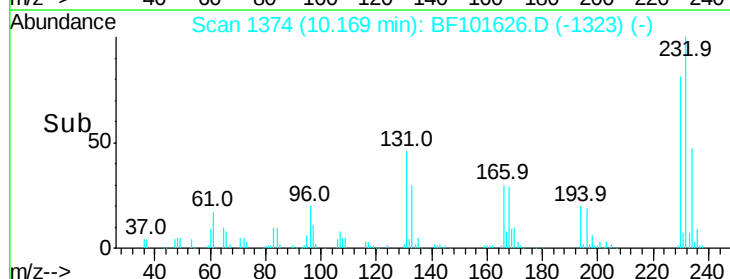
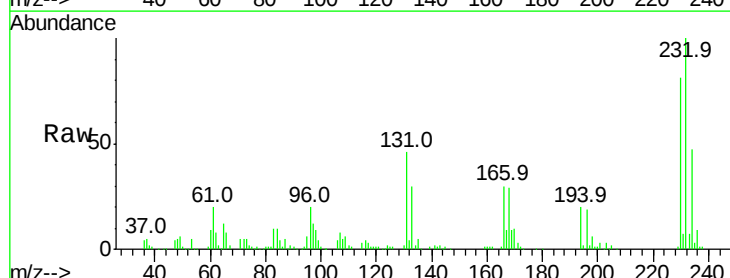
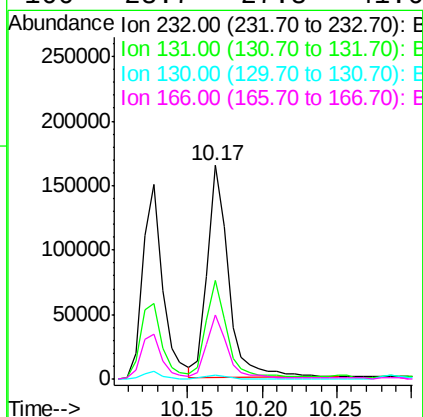
RT: 10.17 min Scan# 1374

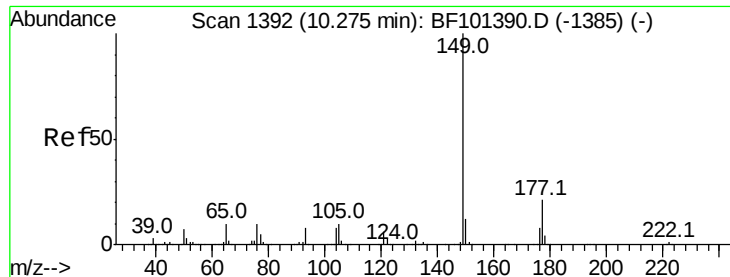
Delta R.T. -0.00 min

Lab File: BF101626.D

Acq: 22 Dec 2017 1:20

Tgt Ion:	232	Resp:	164225
Ion Ratio	Lower	Upper	
232	100		
131	44.4	43.8	65.8
130	2.1	2.1	3.1
166	28.7	27.8	41.6





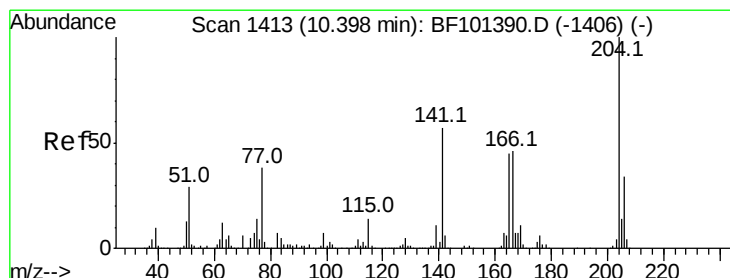
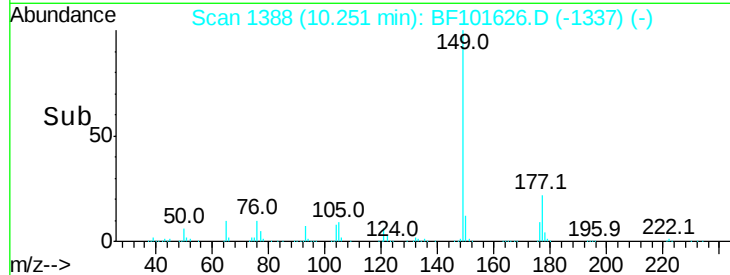
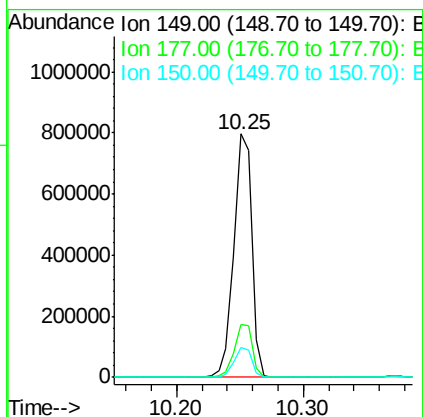
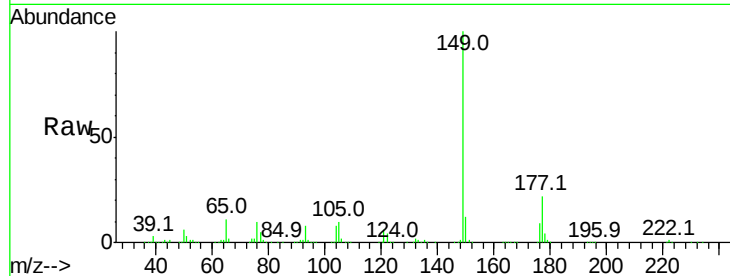
#59
Diethylphthalate
Concen: 46.937 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Instrument :
BNA_F
ClientSampleId :
PB105265BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	771988		
177	21.7	16.1	24.1	
150	12.3	10.1	15.1	

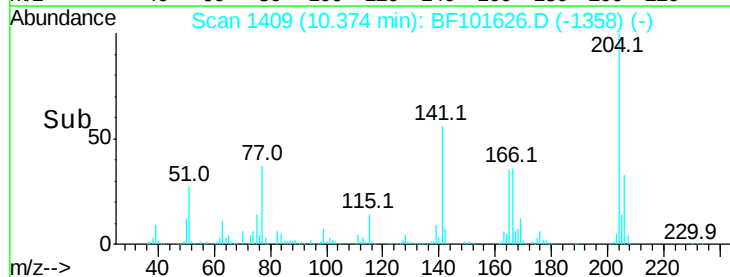
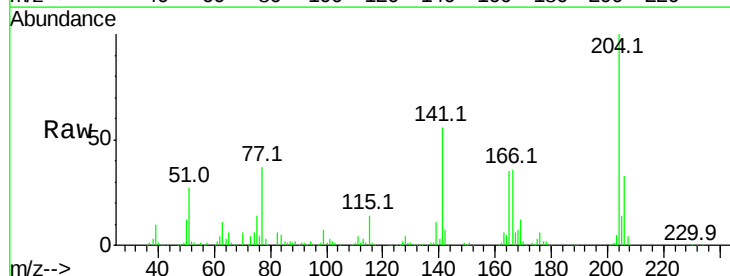
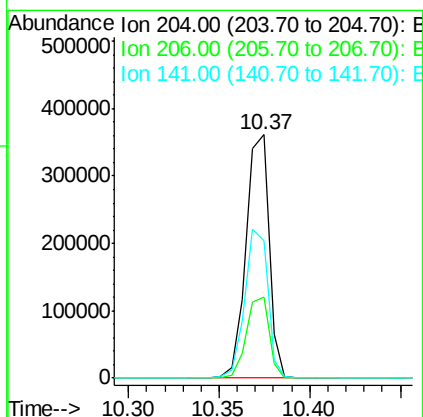
Manual Integrations
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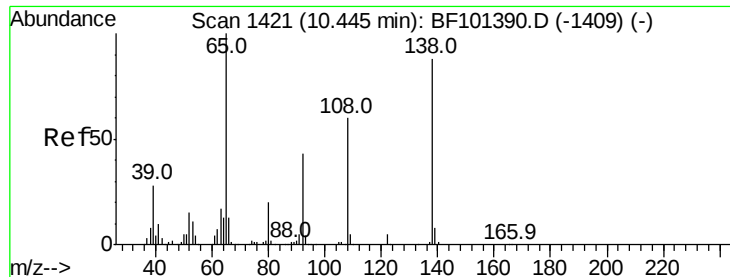
Sohil
12/22/2017 12:42:26 PM



#60
4-Chlorophenyl-phenylether
Concen: 46.794 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	320570		
206	33.1	26.5	39.7	
141	56.2	54.6	81.8	





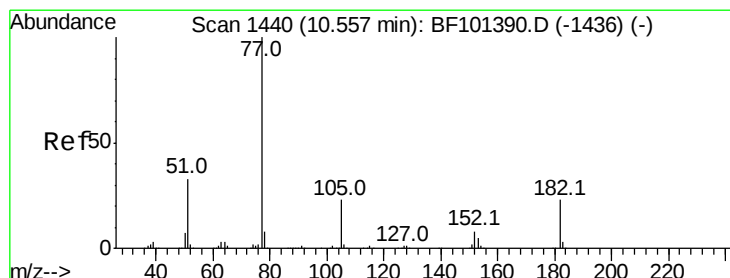
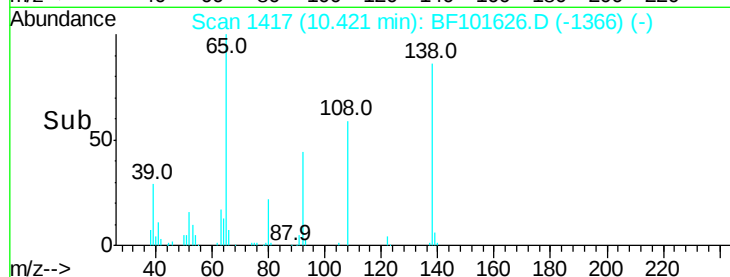
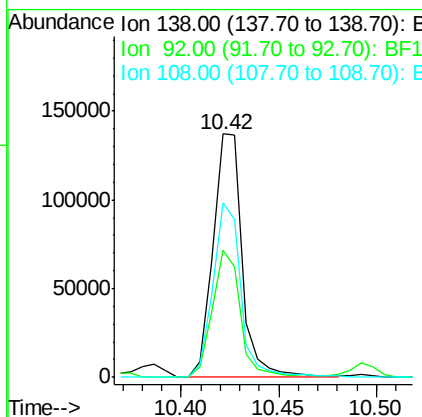
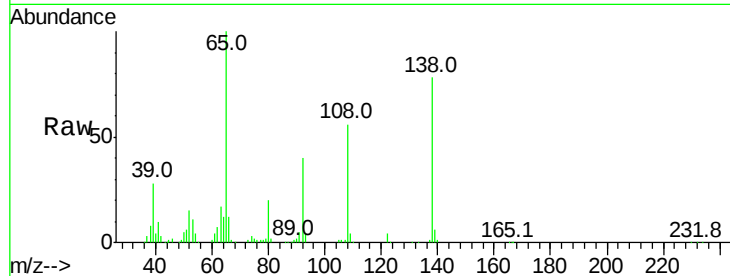
#61
4-Nitroaniline
Concen: 33.273 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Instrument :
BNA_F
ClientSampleId :
PB105265BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	140751		
92	52.0	30.2	70.2	
108	71.7	52.5	92.5	

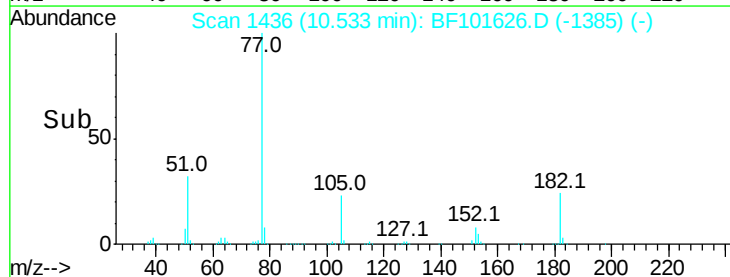
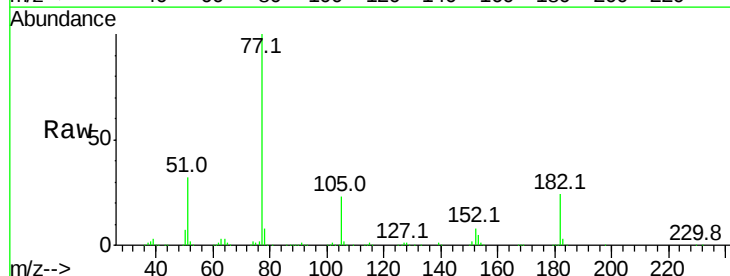
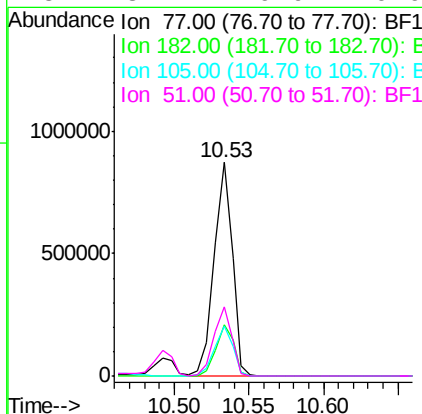
Manual Integrations
APPROVED

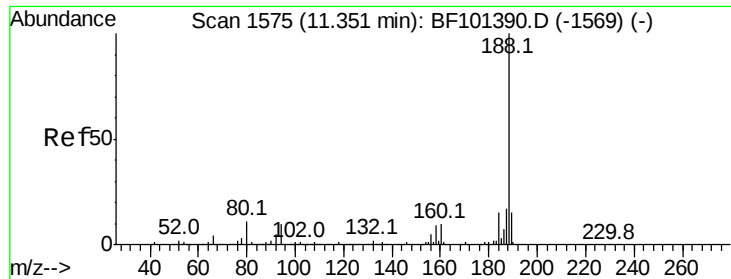
Sohil
12/22/2017 12:42:26 PM



#62
Azobenzene
Concen: 43.584 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	742590		
182	24.2	1.7	41.7	
105	23.4	3.0	43.0	
51	32.1	9.9	49.9	





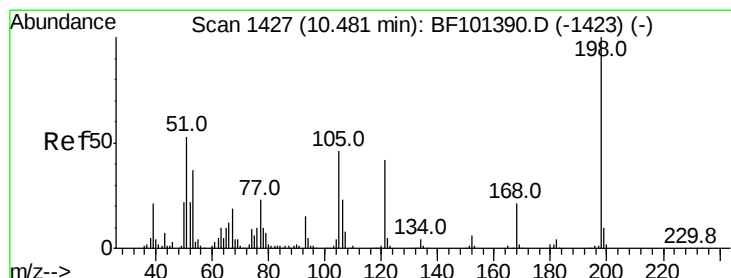
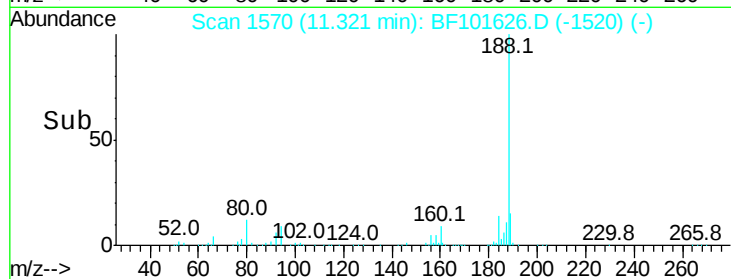
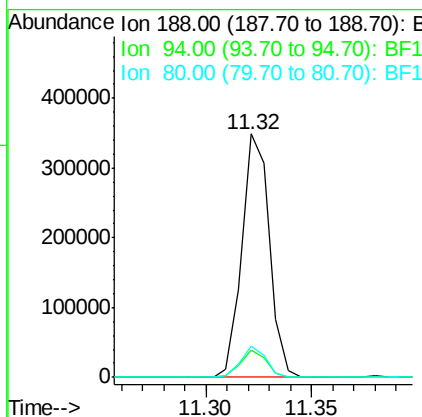
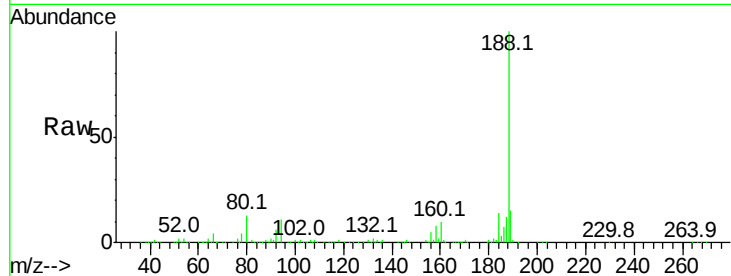
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Instrument :
BNA_F
ClientSampleId :
PB105265BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.1	8.5	12.7	
80	12.6	9.2	13.8	

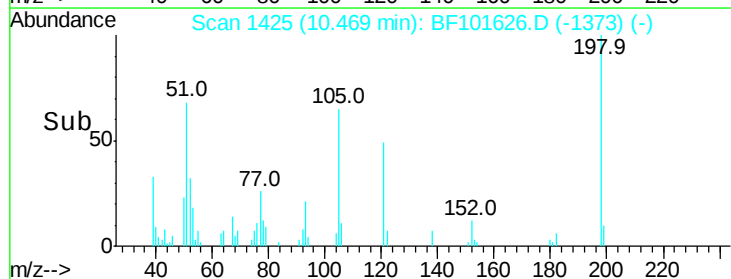
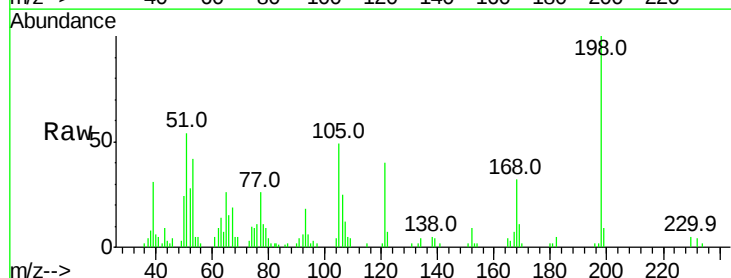
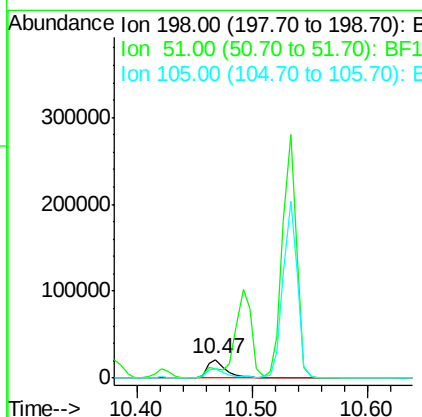
Manual Integrations
APPROVED

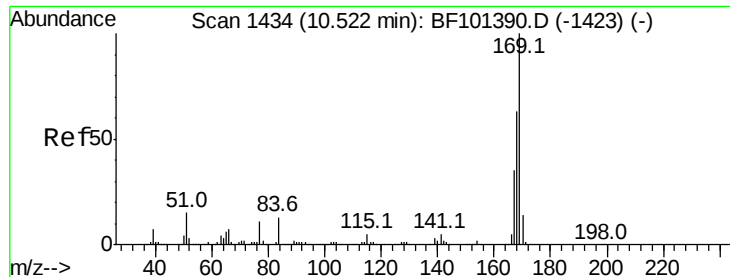
Sohil
12/22/2017 12:42:26 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 15.891 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	54.3	37.7	77.7	
105	49.4	36.3	76.3	





#65

n-Nitrosodiphenylamine

Concen: 51.373 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF101626.D

Acq: 22 Dec 2017 1:20

Instrument :

BNA_F

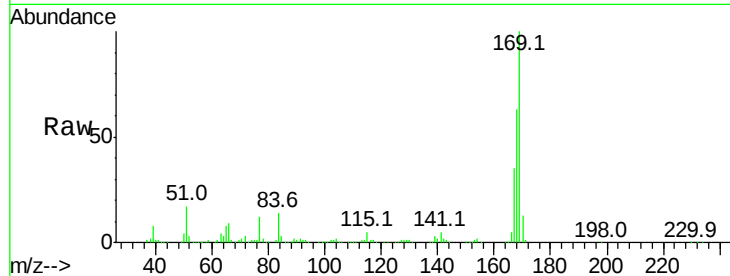
ClientSampleId :

PB105265BSD

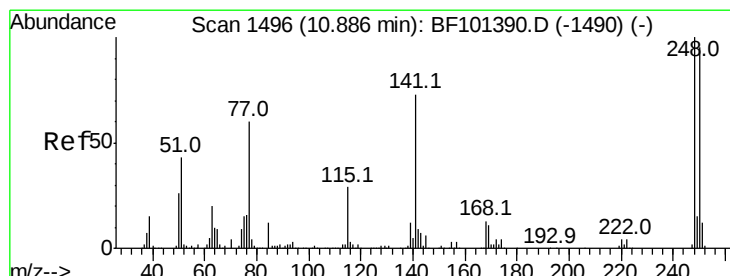
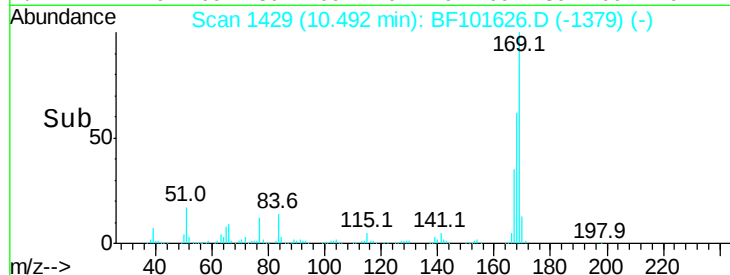
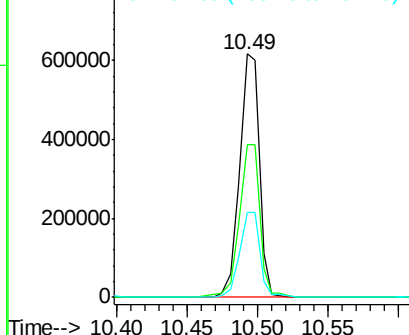
Tot Ion:	169	Resp:	596952
Ion Ratio	Lower	Upper	
169	100		
168	62.7	54.4	81.6
167	34.6	29.8	44.6

Manual Integrations
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 53.812 ng

RT: 10.86 min Scan# 1492

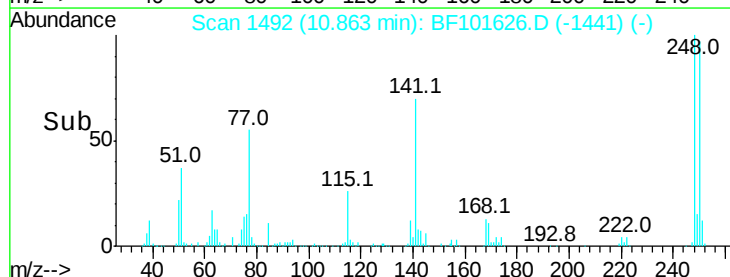
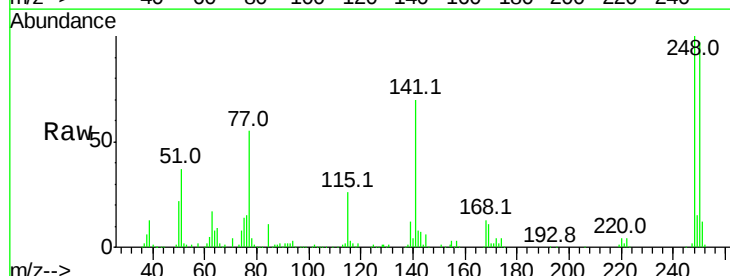
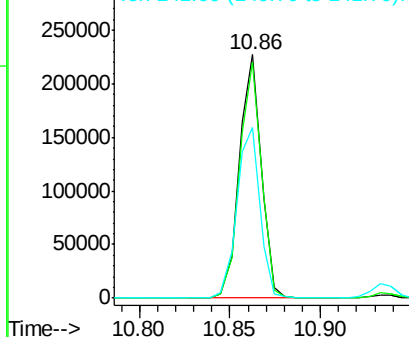
Delta R.T. -0.00 min

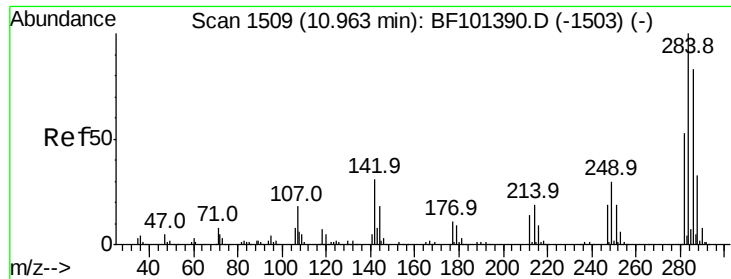
Lab File: BF101626.D

Acq: 22 Dec 2017 1:20

Tgt Ion:	248	Resp:	190279
Ion Ratio	Lower	Upper	
248	100		
250	97.0	76.9	115.3
141	70.2	74.4	111.6#

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





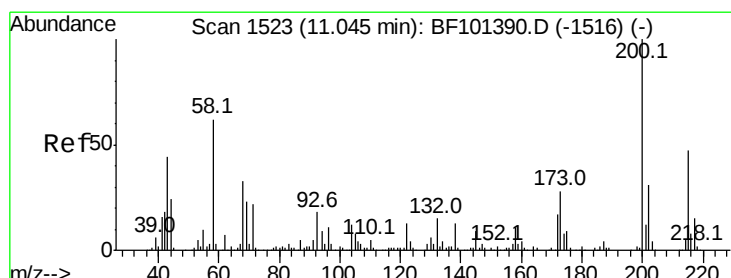
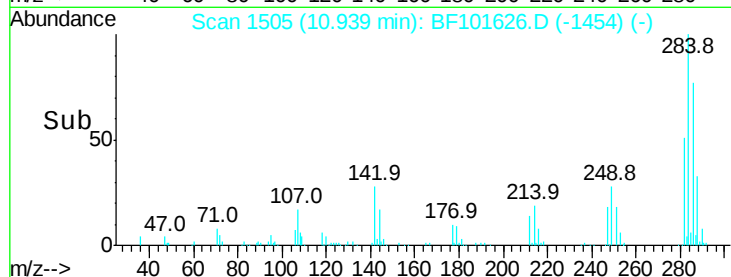
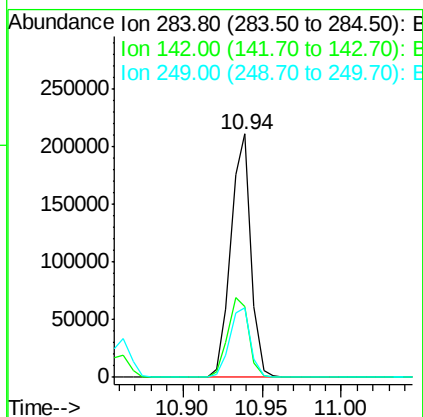
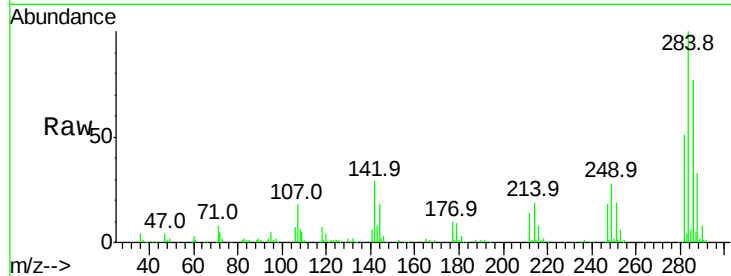
#67
Hexachlorobenzene
Concen: 49.644 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Instrument :
BNA_F
ClientSampleId :
PB105265BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	29.3	34.6	52.0	
249	28.4	24.8	37.2	

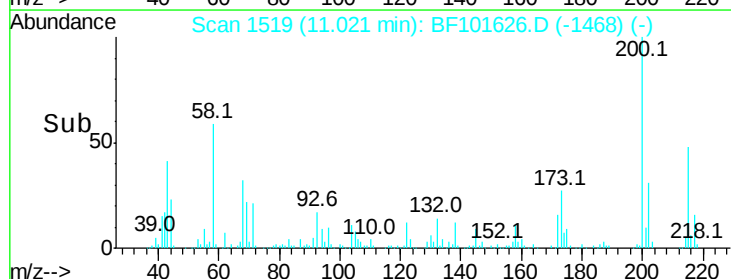
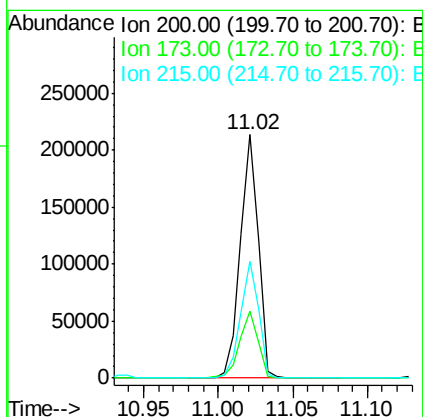
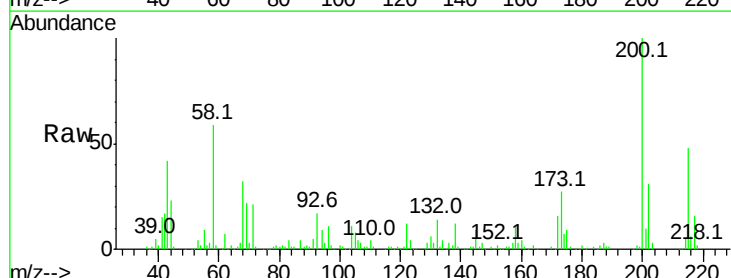
Manual Integrations
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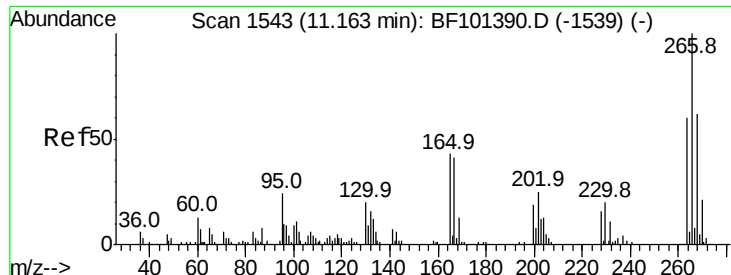
Sohil
12/22/2017 12:42:26 PM



#68
Atrazine
Concen: 52.314 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.3	8.6	48.6	
215	47.8	25.1	65.1	





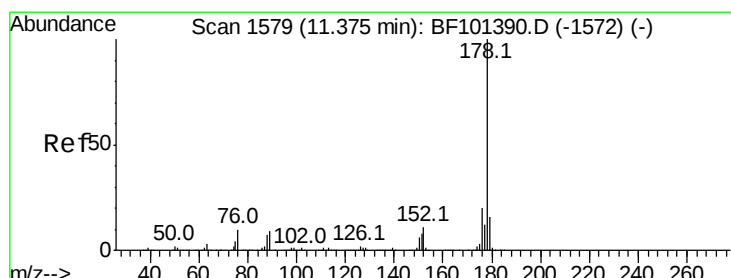
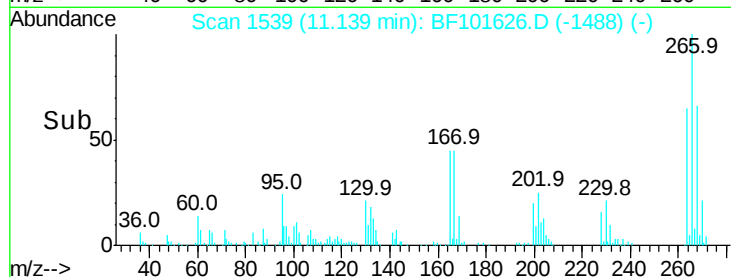
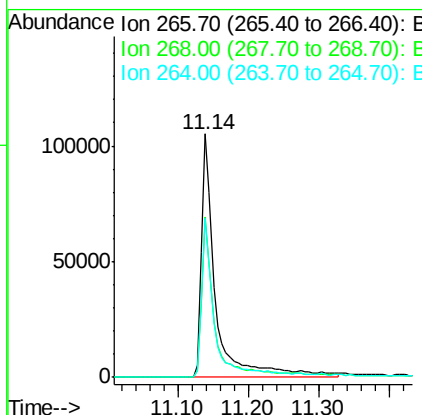
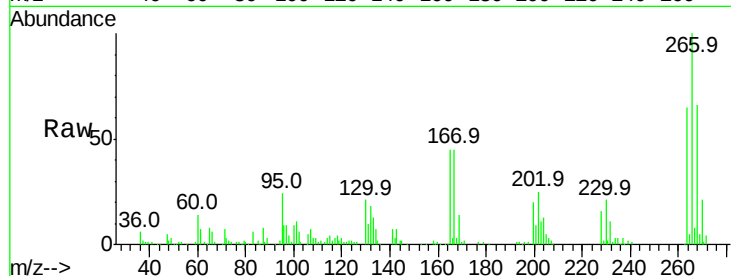
#69
 Pentachlorophenol
 Concen: 101.382 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BF101626.D
 Acq: 22 Dec 2017 1:20

Instrument :
 BNA_F
 ClientSampleId :
 PB105265BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	150321		
268	66.1	51.1	76.7	
264	65.2	49.5	74.3	

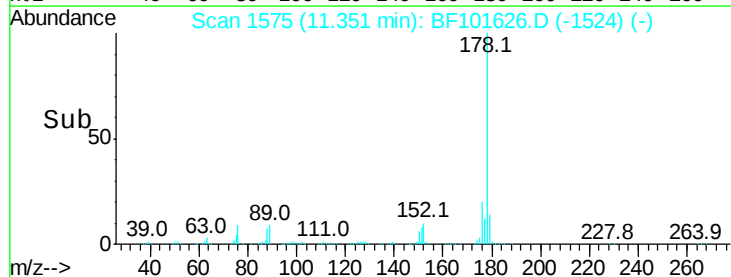
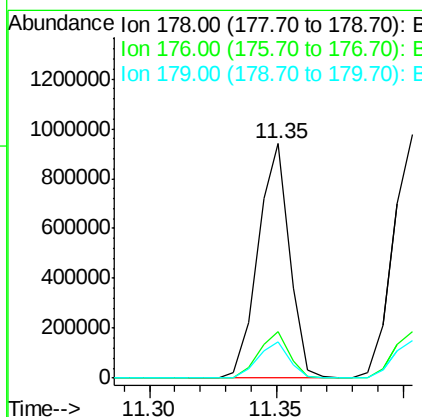
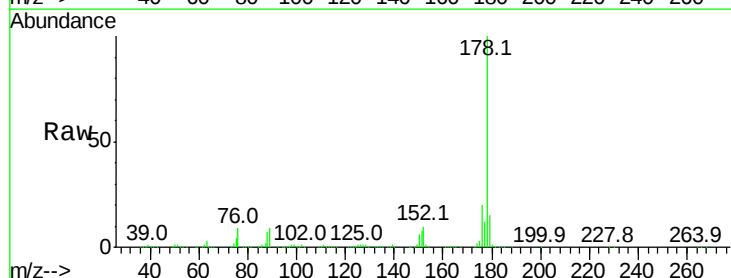
Manual Integrations
 APPROVED

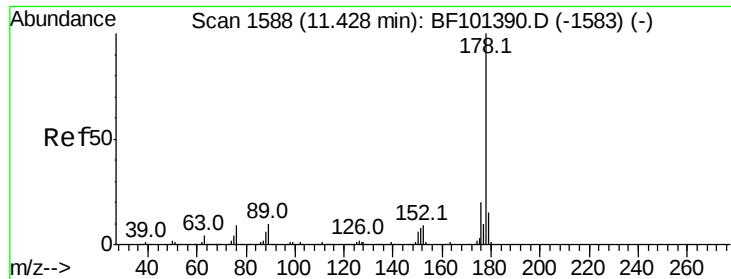
Sohil
 12/22/2017 12:42:26 PM



#70
 Phenanthrene
 Concen: 46.394 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: BF101626.D
 Acq: 22 Dec 2017 1:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	811915		
176	19.9	15.8	23.8	
179	15.3	13.0	19.6	





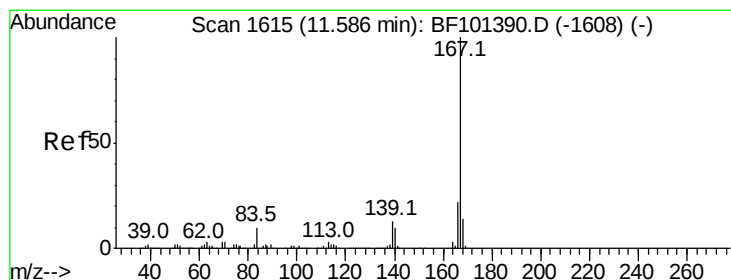
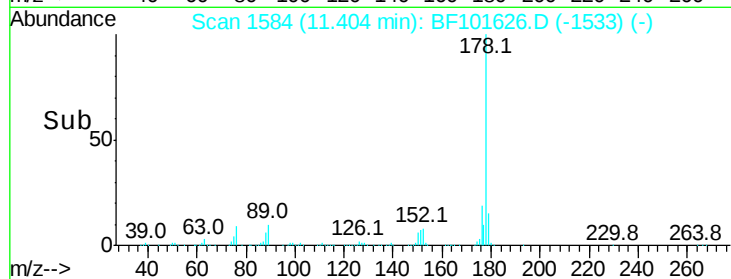
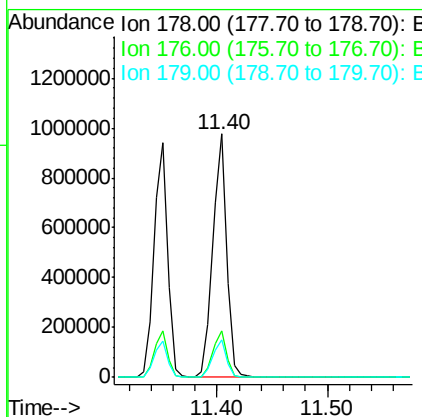
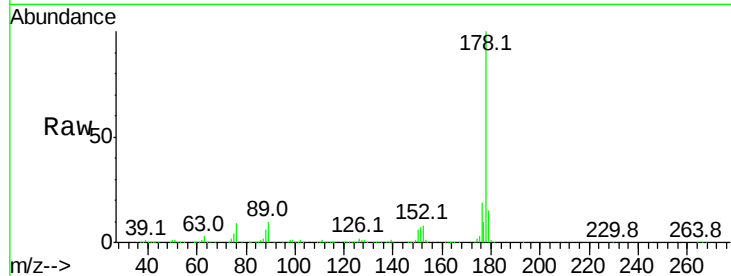
#71
 Anthracene
 Concen: 46.642 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF101626.D
 Acq: 22 Dec 2017 1:20

Instrument :
 BNA_F
 ClientSampleId :
 PB105265BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.3	12.6	19.0

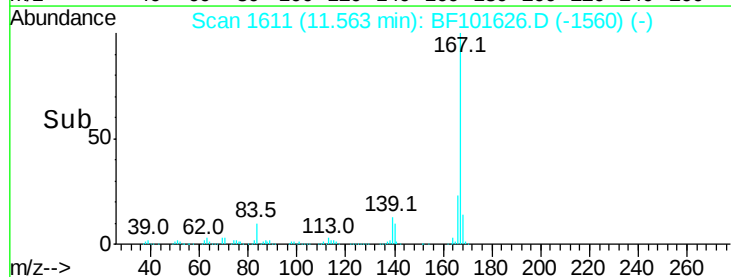
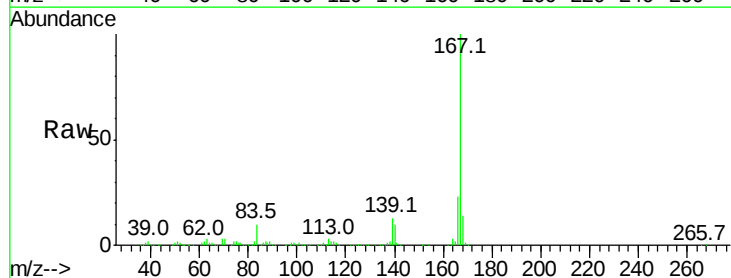
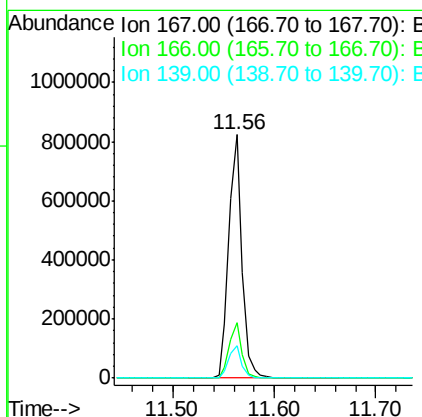
Manual Integrations
 APPROVED

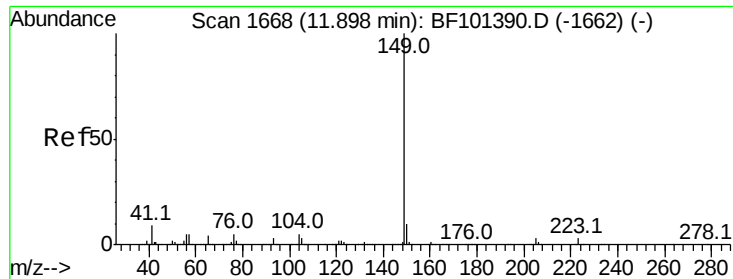
Sohil
 12/22/2017 12:42:26 PM



#72
 Carbazole
 Concen: 44.596 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BF101626.D
 Acq: 22 Dec 2017 1:20

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	13.1	10.9	16.3





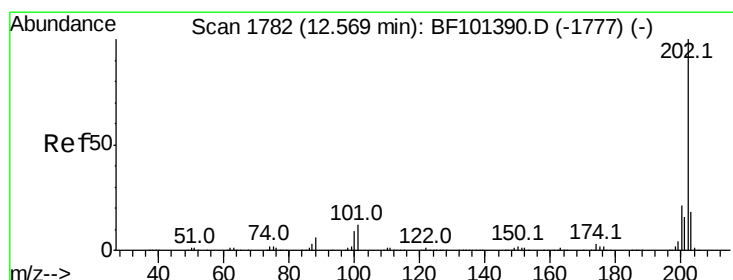
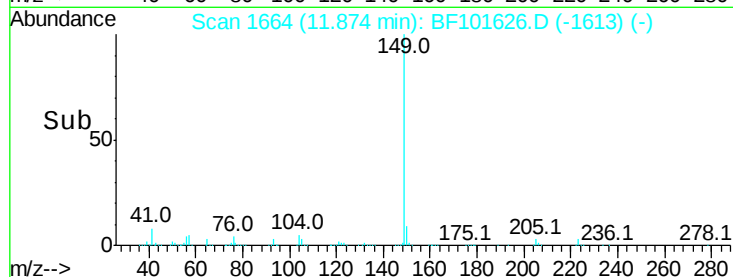
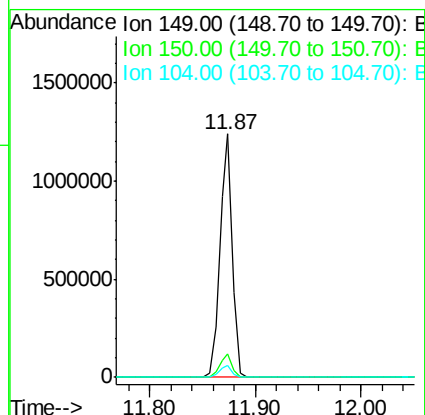
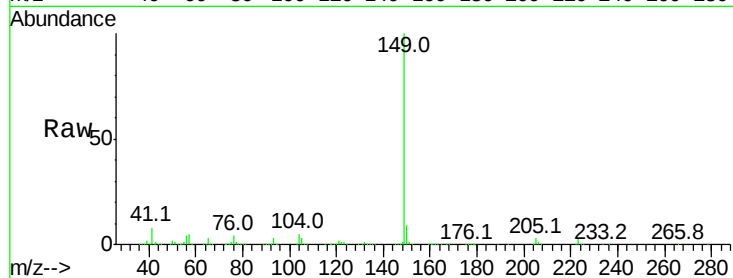
#73
Di-n-butylphthalate
Concen: 50.681 ng
RT: 11.87 min Scan# 1664
Delta R.T. -0.00 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Instrument :
BNA_F
ClientSampleId :
PB105265BSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.8	3.8	5.8

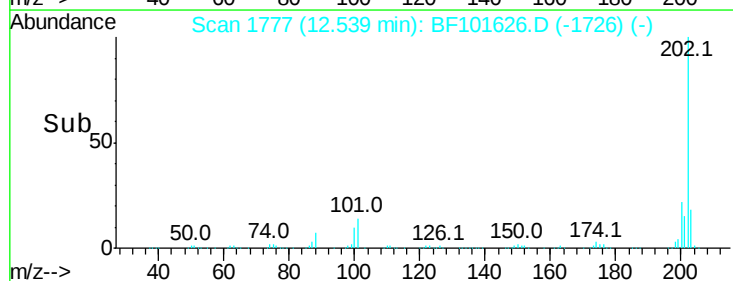
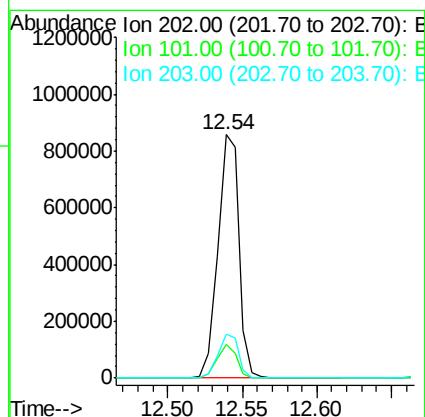
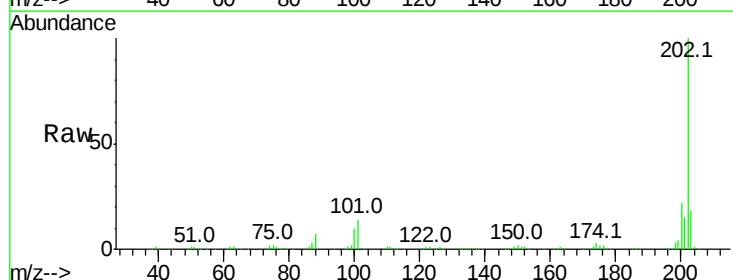
Manual Integrations
APPROVED

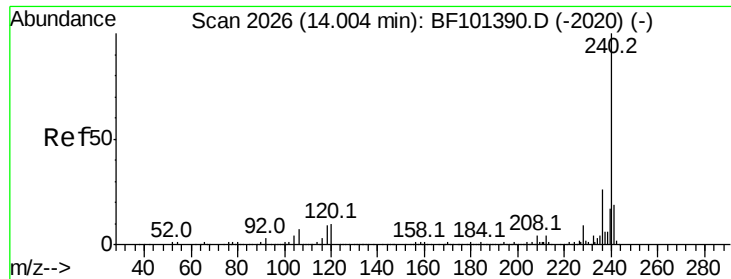
Sohil
12/22/2017 12:42:26 PM



#74
Fluoranthene
Concen: 46.047 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF101626.D

Acq: 22 Dec 2017 1:20

Instrument :

BNA_F

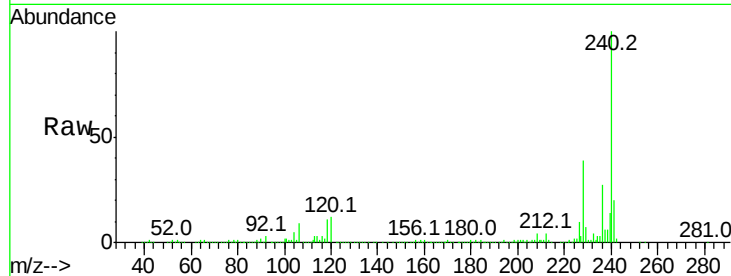
ClientSampleId :

PB105265BSD

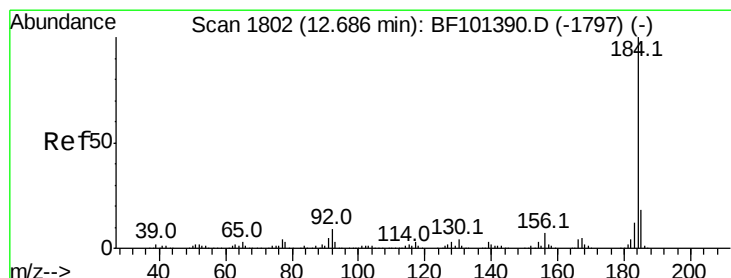
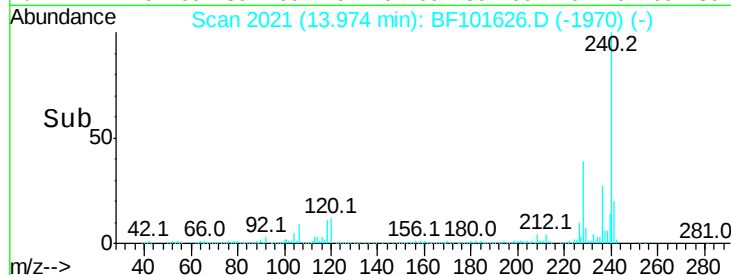
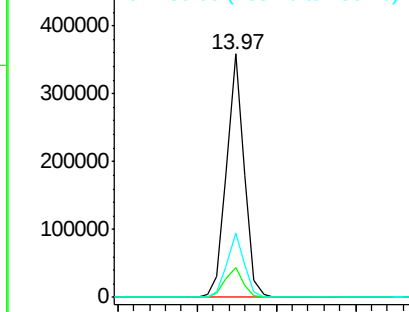
Tot Ion:	240	Resp:	276889
Ion Ratio	Lower	Upper	
240	100		
120	12.1	9.5	14.3
236	26.6	20.7	31.1

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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



#76

Benzidine

Concen: 42.957 ng

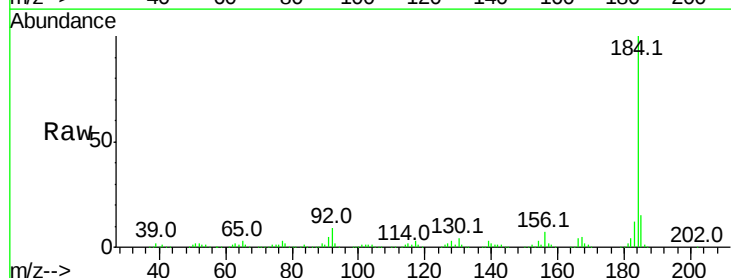
RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

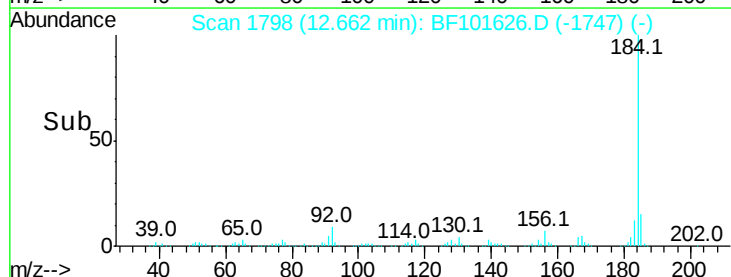
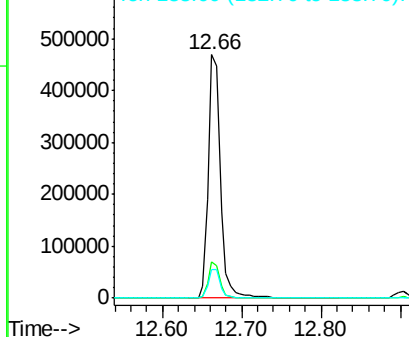
Lab File: BF101626.D

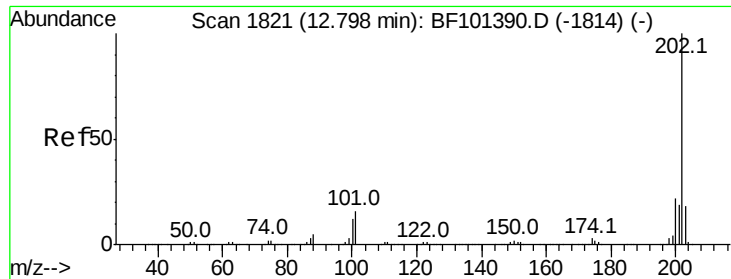
Acq: 22 Dec 2017 1:20

Tgt Ion:	184	Resp:	502357
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.6	18.8
183	11.5	9.3	13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





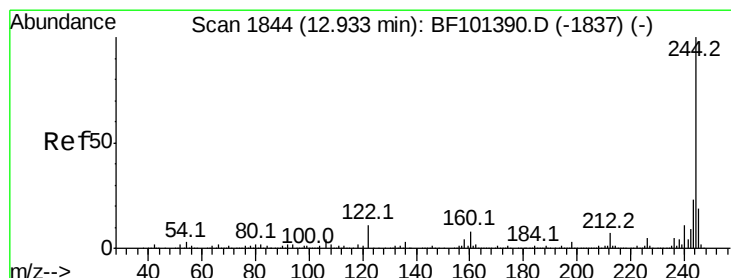
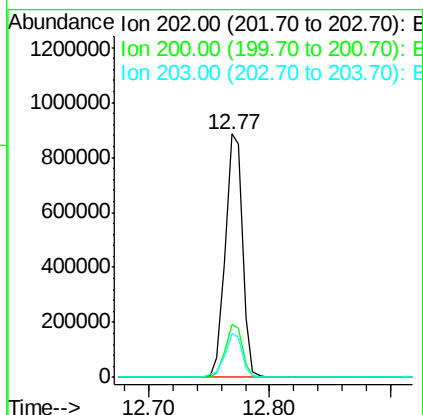
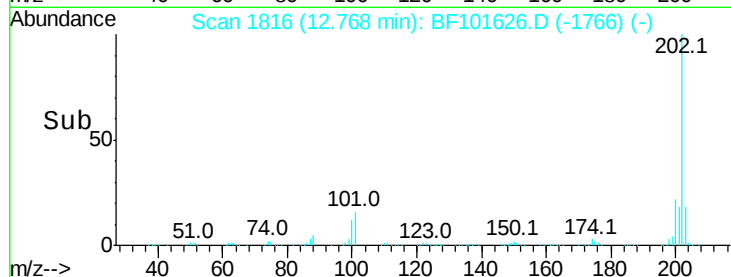
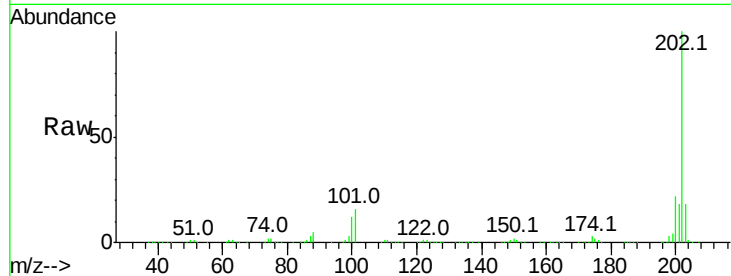
#77
Pvrene
Concen: 42.262 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Instrument :
BNA_F
ClientSampleId :
PB105265BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	878227		
200	21.9		17.4	26.2
203	18.0		14.3	21.5

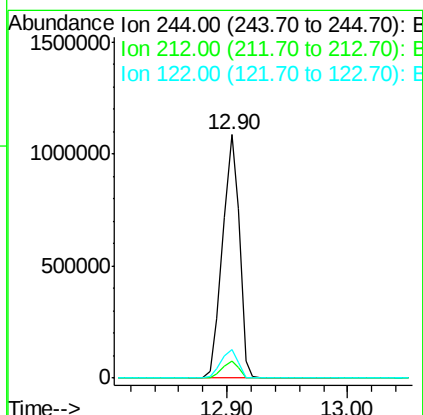
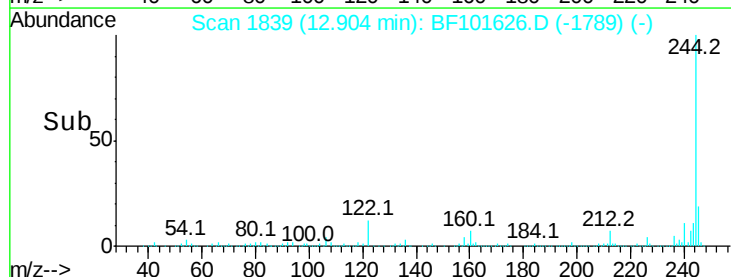
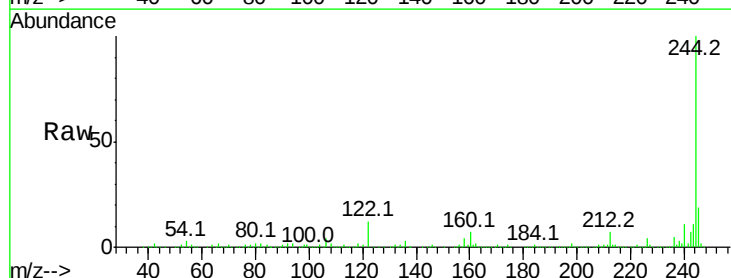
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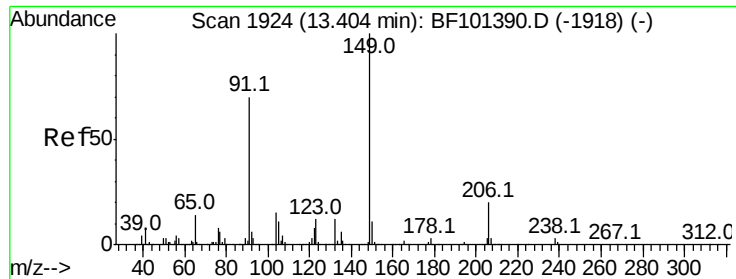
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#78
Terphenyl-d14
Concen: 90.551 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1040021		
212	6.9		5.4	8.0
122	11.5		11.0	16.4





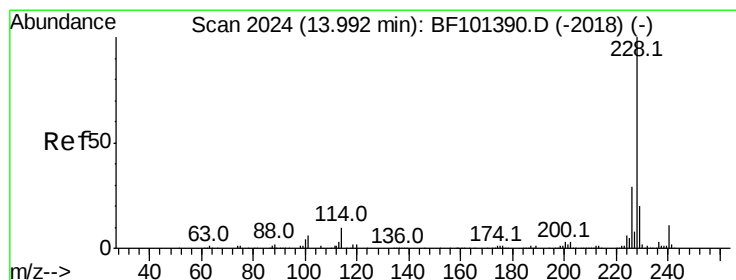
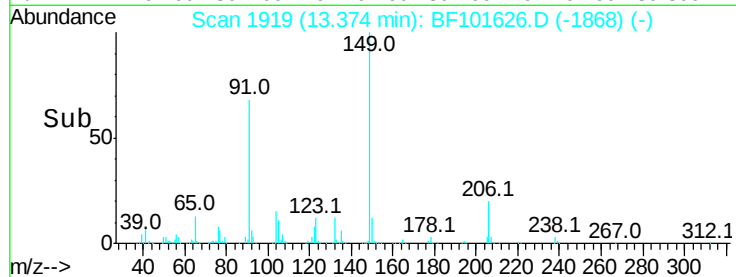
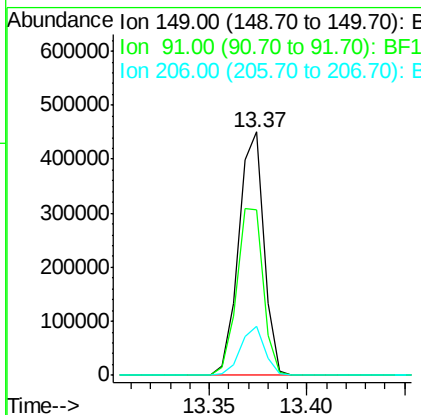
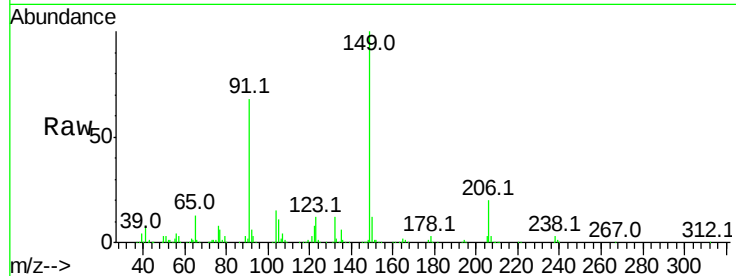
#79
 Butylbenzylphthalate
 Concen: 42.969 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. -0.00 min
 Lab File: BF101626.D
 Acq: 22 Dec 2017 1:20

Instrument :
 BNA_F
 ClientSampleId :
 PB105265BSD

Tot Ion:	149	Resp:	404025
Ion Ratio	Lower	Upper	
149	100		
91	67.8	56.8	85.2
206	20.3	14.1	21.1

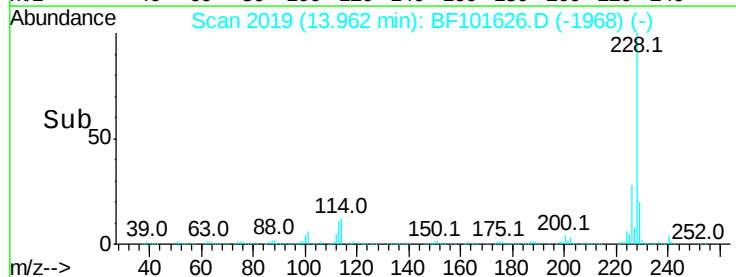
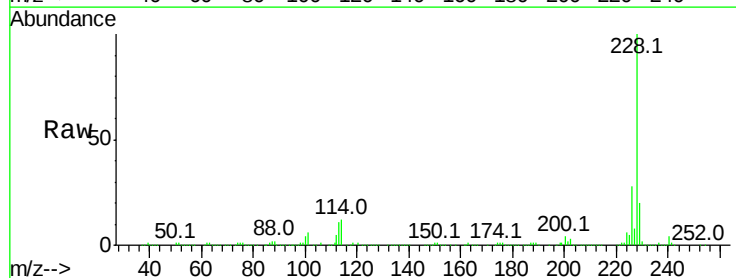
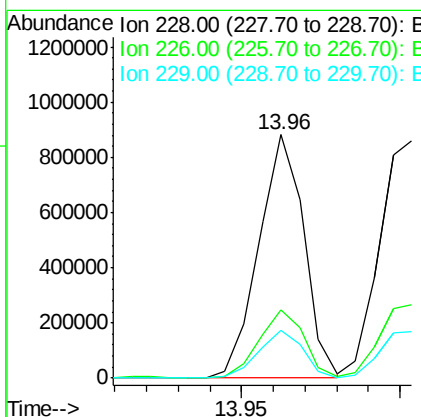
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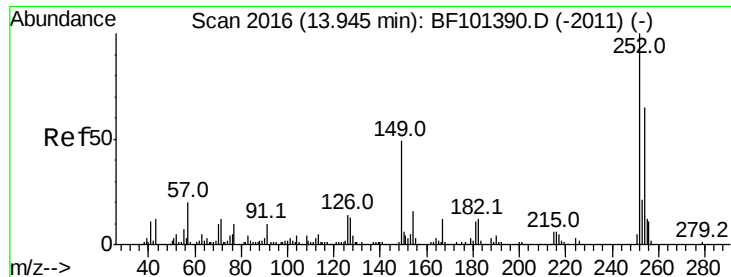
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#80
 Benzo(a)anthracene
 Concen: 47.686 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BF101626.D
 Acq: 22 Dec 2017 1:20

Tgt Ion:	228	Resp:	871858
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.6	33.8
229	19.6	15.8	23.6





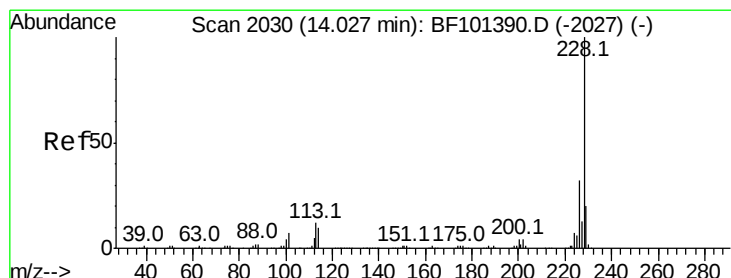
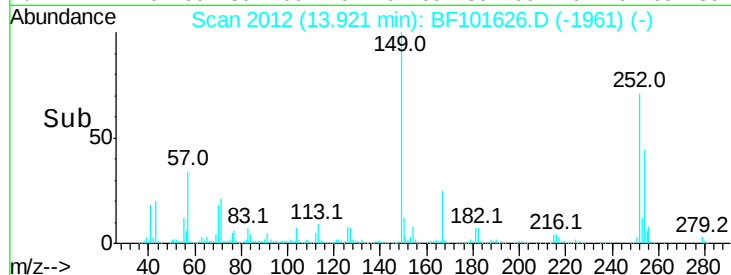
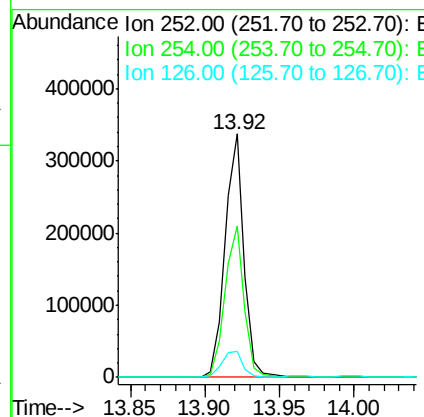
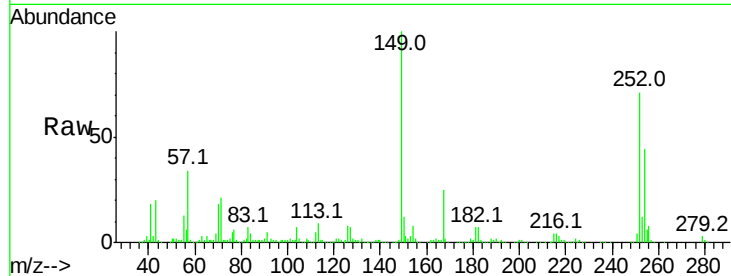
#81
 3,3'-Dichlorobenzidine
 Concen: 50.397 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BF101626.D
 Acq: 22 Dec 2017 1:20

Instrument :
 BNA_F
 ClientSampleId :
 PB105265BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	62.0	50.4	75.6
126	10.8	11.3	16.9

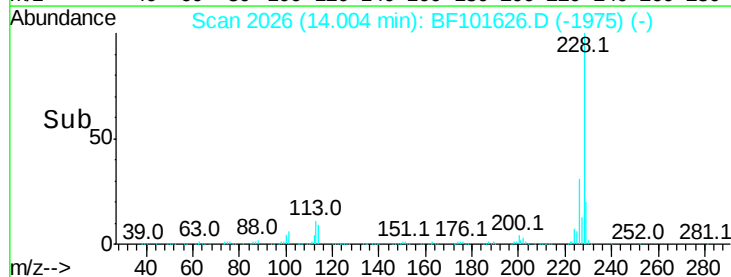
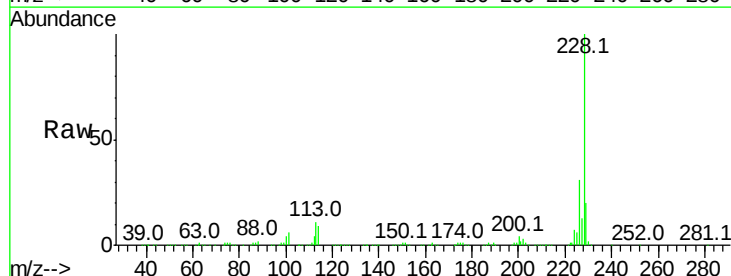
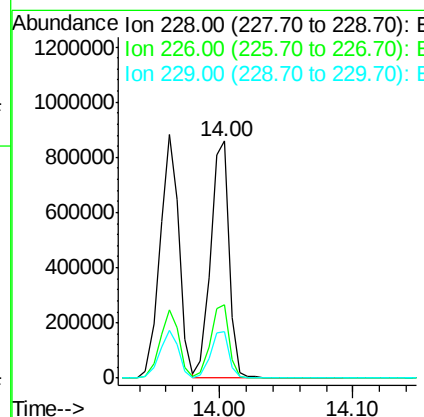
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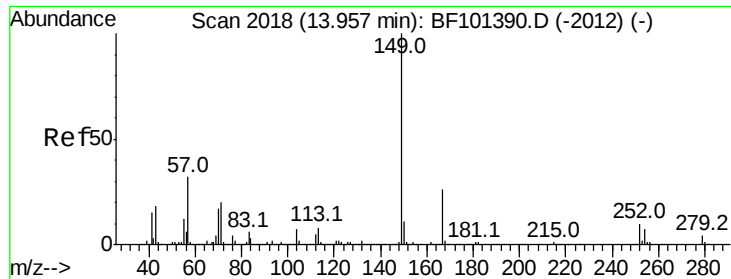
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#82
 Chrysene
 Concen: 48.086 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF101626.D
 Acq: 22 Dec 2017 1:20

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.2	25.0	37.6
229	19.7	16.2	24.4





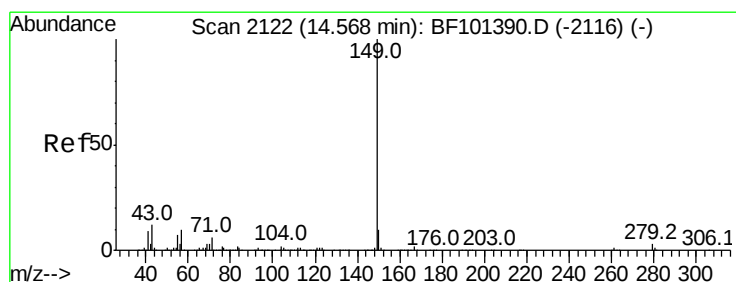
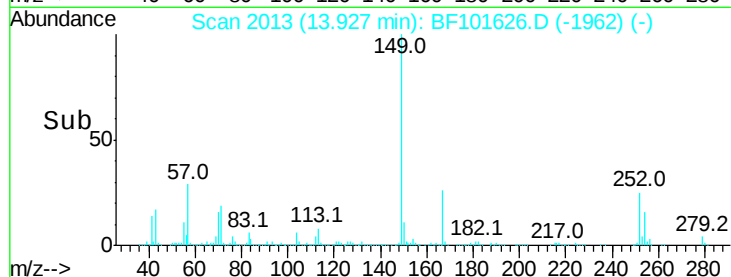
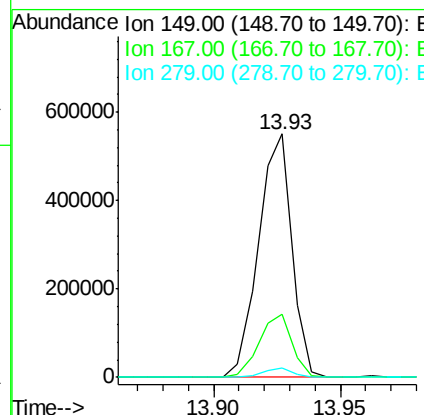
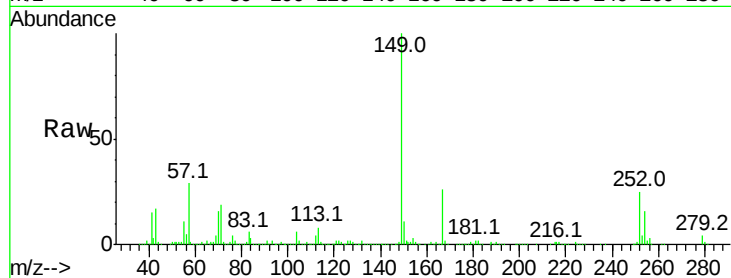
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.498 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.00 min
 Lab File: BF101626.D
 Acq: 22 Dec 2017 1:20

Instrument :
 BNA_F
 ClientSampleId :
 PB105265BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.8	21.3	31.9	
279	3.9	3.0	4.4	

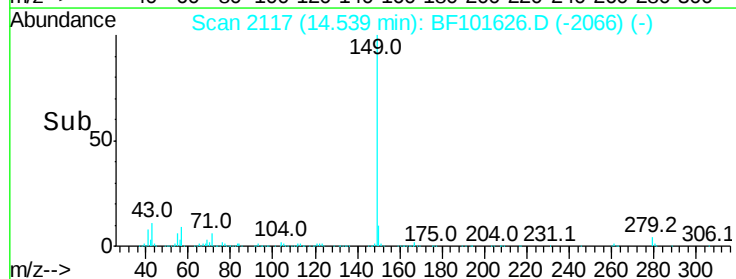
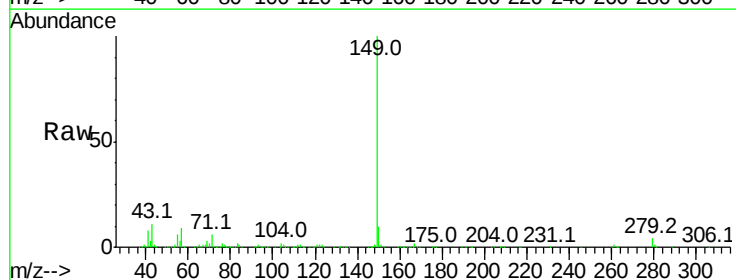
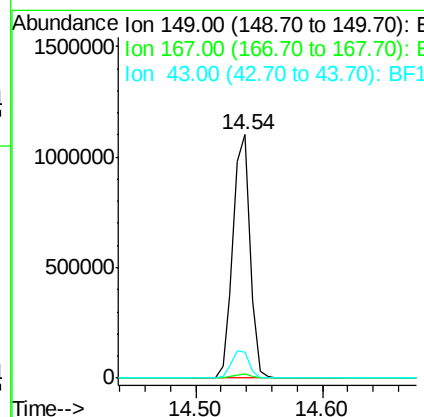
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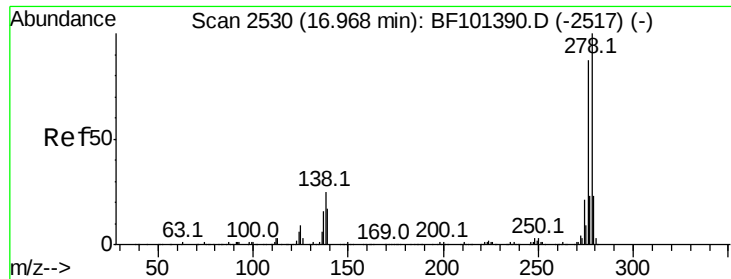
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#84
 Di-n-octyl phthalate
 Concen: 48.262 ng
 RT: 14.54 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: BF101626.D
 Acq: 22 Dec 2017 1:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	11.6	8.4	12.6	





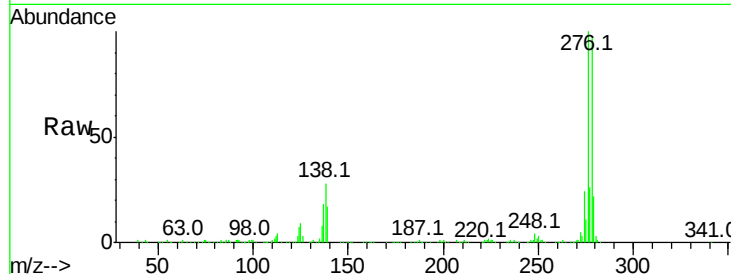
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.635 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.00 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Instrument :
BNA_F
ClientSampleId :
PB105265BSD

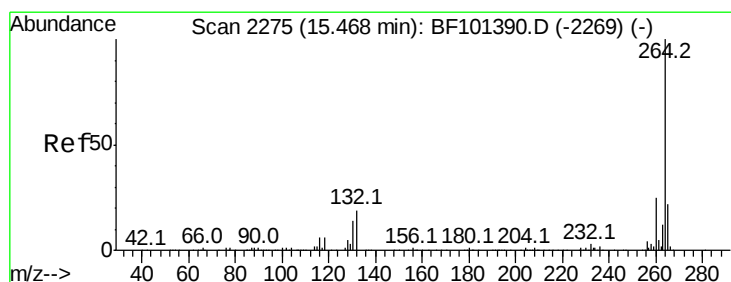
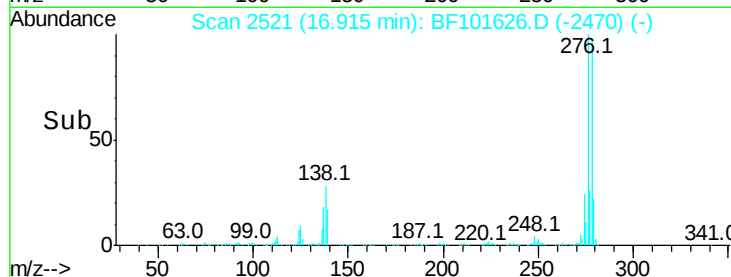
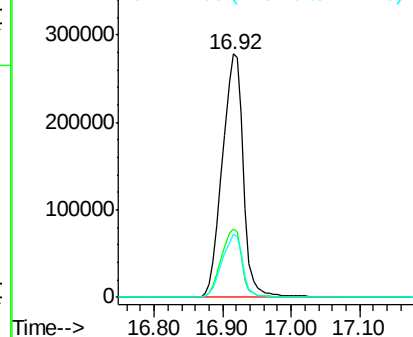
Tot Ion	Ratio	Resp	Lower	Upper
276	100	593917		
138	28.0		25.0	37.6
277	25.5		20.1	30.1

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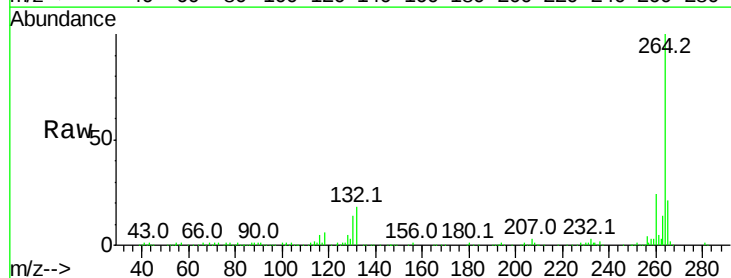


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

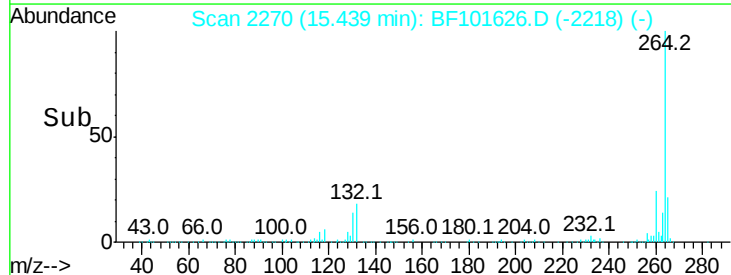
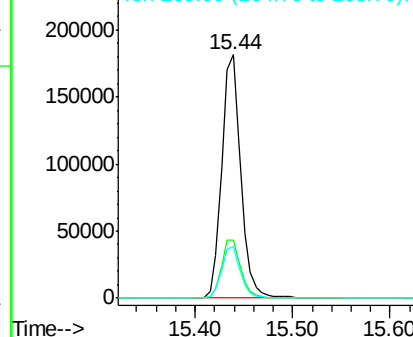


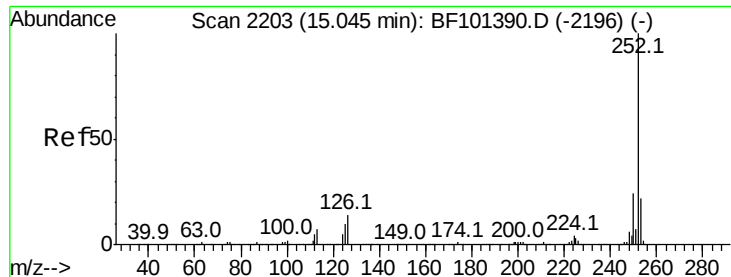
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	245657		
260	23.8		19.2	28.8
265	21.5		17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





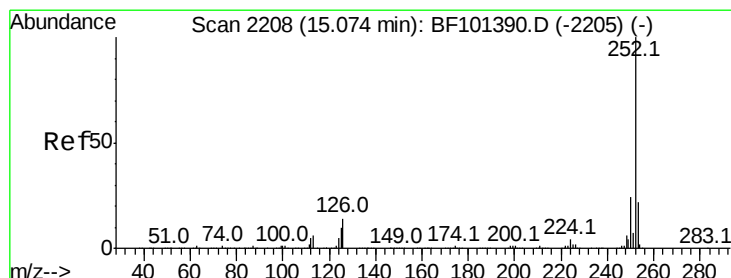
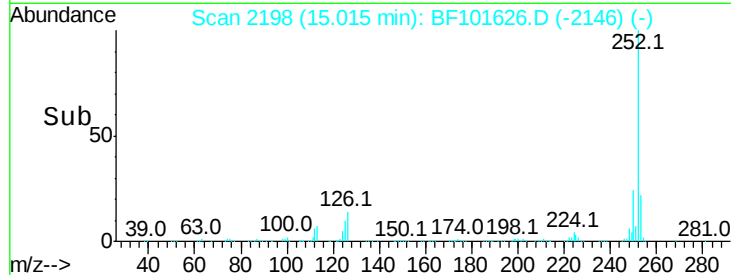
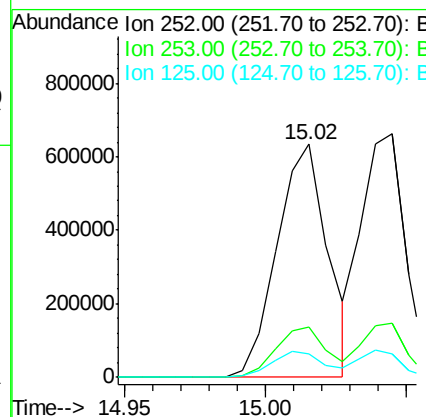
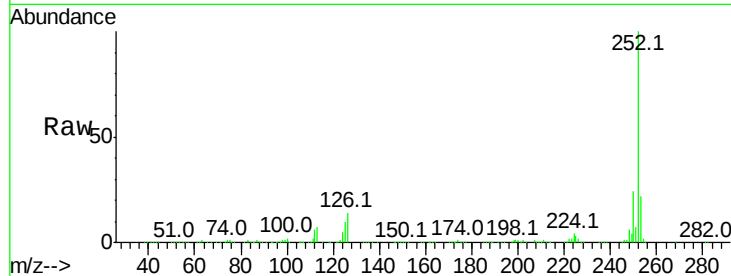
#87
Benzo(b)fluoranthene
Concen: 52.954 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Instrument :
BNA_F
ClientSampleId :
PB105265BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	10.3	9.0	13.6

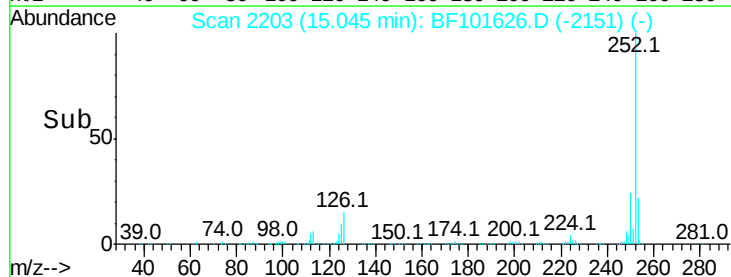
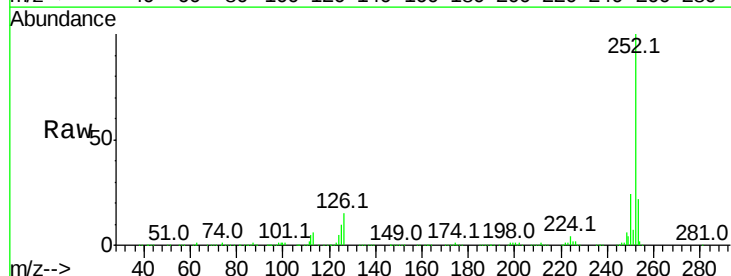
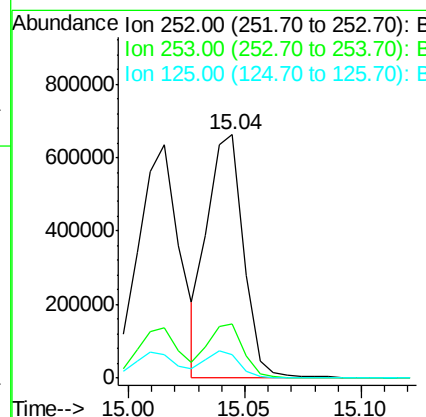
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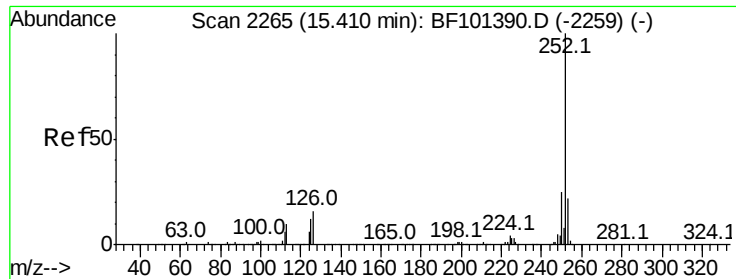
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#88
Benzo(k)fluoranthene
Concen: 49.741 ng m
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	9.7	10.2	15.2#





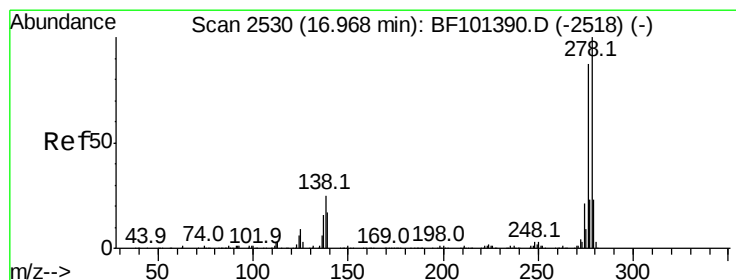
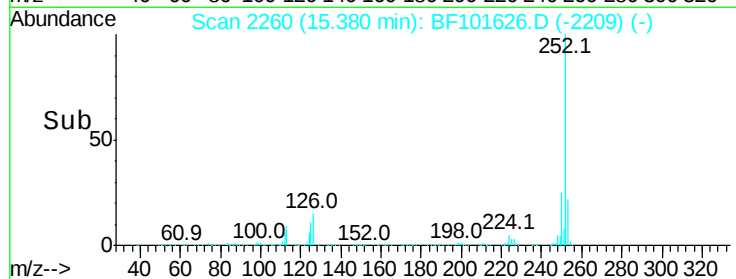
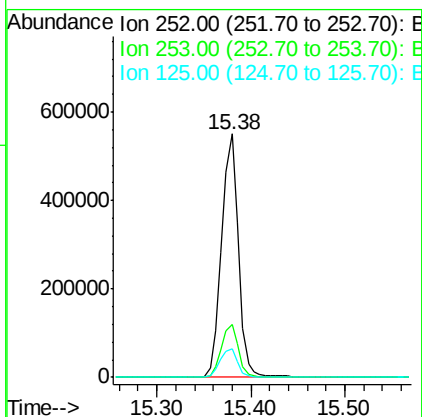
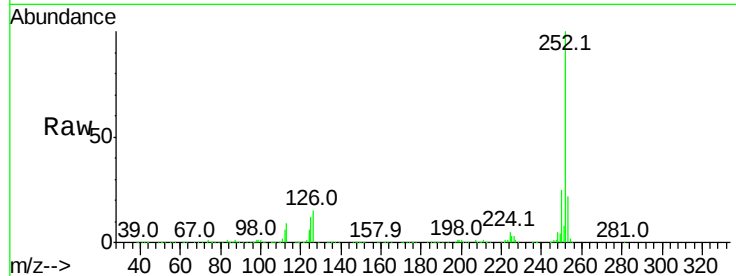
#89
Benzo(a)pyrene
Concen: 50.221 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Instrument :
BNA_F
ClientSampleId :
PB105265BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	11.6	9.8	14.6

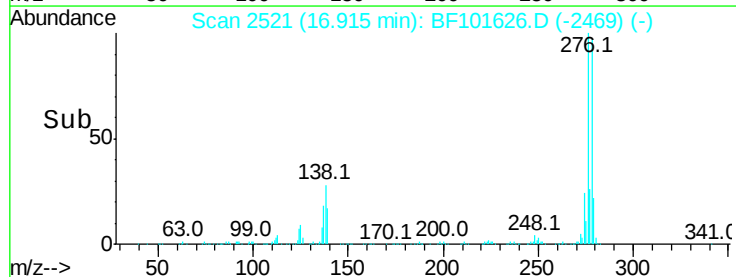
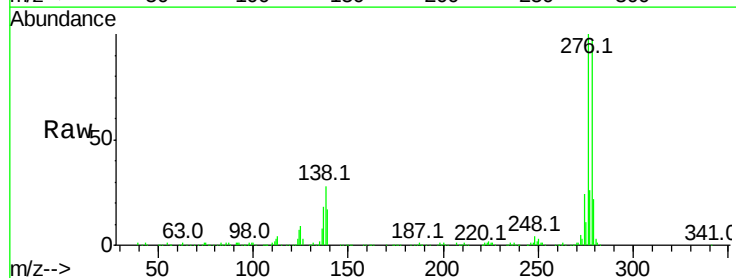
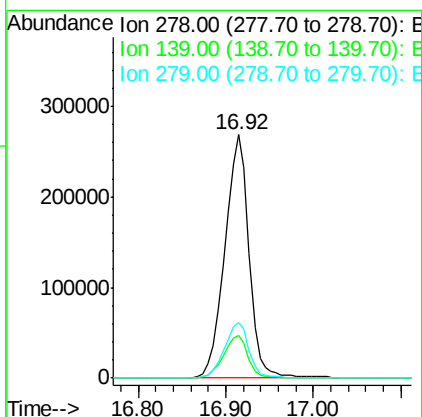
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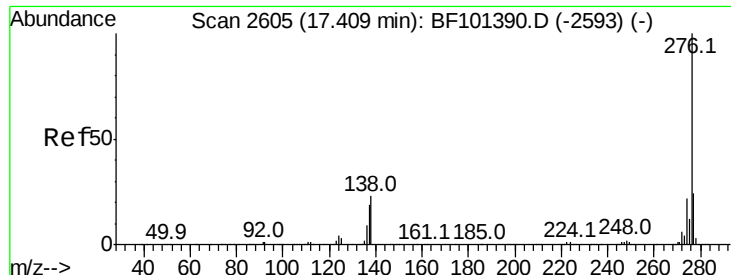
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 43.098 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BF101626.D
Acq: 22 Dec 2017 1:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	15.9	23.9
279	23.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 42.486 ng
 RT: 17.36 min Scan# 2597
 Delta R.T. 0.01 min
 Lab File: BF101626.D
 Acq: 22 Dec 2017 1:20

Instrument :
 BNA_F
 ClientSampleId :
 PB105265BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.2	17.9	26.9
138	22.7	21.8	32.8

Manual Integrations
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