

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
 Data File : BF112666.D
 Acq On : 22 Feb 2019 16:08
 Operator : JU/SJ
 Sample : PB117296BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB117296BSD

Manual Integrations
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Sohil
 2/25/2019 9:21:01 AM

Quant Time: Feb 23 00:27:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	77769	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	308660	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	153831	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	313342	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	237845	20.00	ng	-0.03
87) Perylene-d12	15.45	264	175858	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	356943	97.49	ng	-0.03
7) Phenol-d6	6.47	99	450258	88.50	ng	-0.02
23) Nitrobenzene-d5	7.39	82	447466	83.53	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	155445	86.81	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	917252	84.33	ng	-0.04
79) Terphenyl-d14	12.92	244	1159226	91.80	ng	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.56	88	72010	49.372	ng	94
3) Pyridine	3.32	79	183948	49.580	ng	96
4) n-Nitrosodimethylamine	3.28	42	89753	57.580	ng	# 87
6) Aniline	6.48	93	303353	50.124	ng	# 77
8) 2-Chlorophenol	6.61	128	223676	45.412	ng	99
9) Benzaldehyde	6.37	77	100010	37.609	ng	98
10) Phenol	6.48	94	258629	46.335	ng	# 75
11) bis(2-Chloroethyl)ether	6.55	93	186805	42.510	ng	94
12) 1,3-Dichlorobenzene	6.76	146	243612	42.470	ng	99
13) 1,4-Dichlorobenzene	6.83	146	248399	42.077	ng	99
14) 1,2-Dichlorobenzene	6.99	146	233921	42.322	ng	96
15) Benzyl Alcohol	6.97	79	188871	44.039	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	224863	39.854	ng	# 8
17) 2-Methylphenol	7.09	107	173344	44.396	ng	# 85
18) Hexachloroethane	7.32	117	88871	42.870	ng	95
19) n-Nitroso-di-n-propylamine	7.23	70	152218	43.390	ng	99
20) 3+4-Methylphenols	7.25	107	236052	47.277	ng	# 67
22) Acetophenone	7.23	105	314917	41.900	ng	# 94
24) Nitrobenzene	7.40	77	228305	42.674	ng	99
25) Isophorone	7.64	82	406718	48.397	ng	99
26) 2-Nitrophenol	7.72	139	126014	44.075	ng	# 91
27) 2,4-Dimethylphenol	7.76	122	187420	47.579	ng	92
28) bis(2-Chloroethoxy)methane	7.85	93	244232	42.682	ng	99
29) 2,4-Dichlorophenol	7.97	162	189903	43.080	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	205658	40.587	ng	99
31) Naphthalene	8.12	128	653183	45.252	ng	99
32) Benzoic acid	7.93	122	105838	47.103	ng	97
33) 4-Chloroaniline	8.17	127	276404	43.978	ng	96
34) Hexachlorobutadiene	8.23	225	116516	39.186	ng	99
35) Caprolactam	8.55	113	59378m	38.183	ng	
36) 4-Chloro-3-methylphenol	8.67	107	205758	44.092	ng	97
37) 2-Methylnaphthalene	8.81	142	461472	46.701	ng	95
38) 1-Methylnaphthalene	8.91	142	435401	45.971	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	205978	40.781	ng	98

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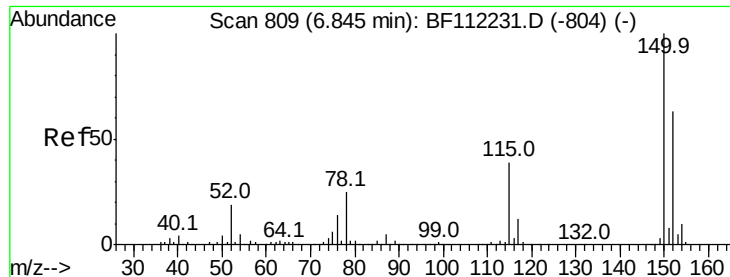
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	97927	54.584	nq	93
43) 2,4,6-Trichlorophenol	9.10	196	126092	40.500	nq	97
44) 2,4,5-Trichlorophenol	9.16	196	129761	39.879	nq	95
46) 1,1'-Biphenyl	9.27	154	564527	41.977	nq	98
47) 2-Chloronaphthalene	9.30	162	434719	41.684	nq	97
48) 2-Nitroaniline	9.41	65	128441	45.186	nq	95
49) Acenaphthylene	9.72	152	693385	45.362	nq	99
50) Dimethylphthalate	9.57	163	513088	42.929	nq	98
51) 2,6-Dinitrotoluene	9.65	165	113858	42.536	nq #	66
52) Acenaphthene	9.89	154	404373	44.285	nq	99
53) 3-Nitroaniline	9.82	138	128280	44.235	nq	89
54) 2,4-Dinitrophenol	9.95	184	81419	94.778	nq	95
55) Dibenzofuran	10.06	168	609827	43.703	nq #	90
56) 4-Nitrophenol	10.02	139	80407	52.445	nq	88
57) 2,4-Dinitrotoluene	10.06	165	160883	47.211	nq #	74
58) Fluorene	10.40	166	505403	48.400	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.19	232	107623	43.768	nq #	90
60) Diethylphthalate	10.27	149	532519	44.897	nq	97
61) 4-Chlorophenyl-phenylether	10.39	204	238747	42.031	nq	91
62) 4-Nitroaniline	10.45	138	118780	41.759	nq	89
63) Azobenzene	10.55	77	470399	45.094	nq	96
65) 4,6-Dinitro-2-methylphenol	10.48	198	64967	36.980	nq	89
66) n-Nitrosodiphenylamine	10.51	169	439408	41.609	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	145640	39.519	nq	96
68) Hexachlorobenzene	10.96	284	158793	40.161	nq	94
69) Atrazine	11.03	200	132881	38.996	nq	95
70) Pentachlorophenol	11.16	266	84783	55.108	nq	98
71) Phenanthrene	11.36	178	726650	44.607	nq	98
72) Anthracene	11.42	178	756504	46.620	nq	99
73) Carbazole	11.57	167	672729	42.028	nq	99
74) Di-n-butylphthalate	11.89	149	850022	42.783	nq	98
75) Fluoranthene	12.56	202	767807	43.945	nq	96
77) Benzidine	12.67	184	656480	100.282	nq	96
78) Pyrene	12.79	202	773175	46.953	nq	98
80) Butylbenzylphthalate	13.38	149	353799	44.408	nq	96
81) Benzo(a)anthracene	13.97	228	627805	44.902	nq	98
82) 3,3'-Dichlorobenzidine	13.93	252	213679	40.836	nq	98
83) Chrysene	14.01	228	591987	44.356	nq	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	471979	41.735	nq	97
85) Di-n-octyl phthalate	14.54	149	726182	41.736	nq	98
86) Indeno(1,2,3-cd)pyrene	16.94	276	439433	41.553	nq	96
88) Benzo(b)fluoranthene	15.02	252	487073	46.312	nq	99
89) Benzo(k)fluoranthene	15.04	252	469761	46.632	nq	98
90) Benzo(a)pyrene	15.39	252	443724	46.889	nq	99
91) Dibenzo(a,h)anthracene	16.93	278	360934	47.324	nq	98
92) Benzo(g,h,i)perylene	17.38	276	356595	49.558	nq	97

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



#1

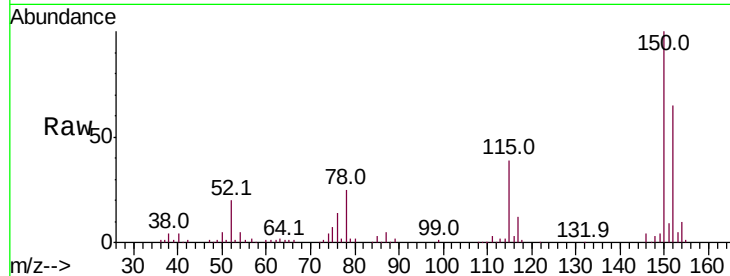
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Instrument :
BNA_F
ClientSampleId :
PB117296BSD

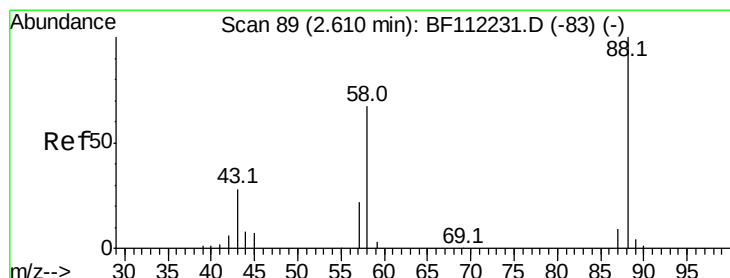
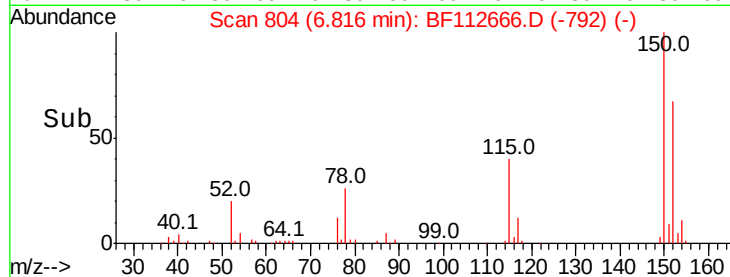
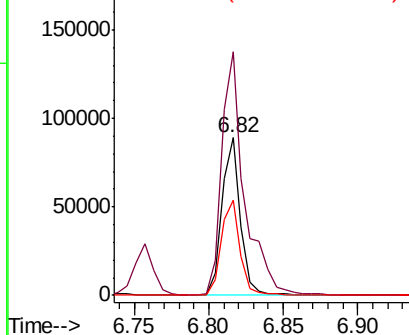
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	127.4	191.0
115	60.0	45.5	68.3

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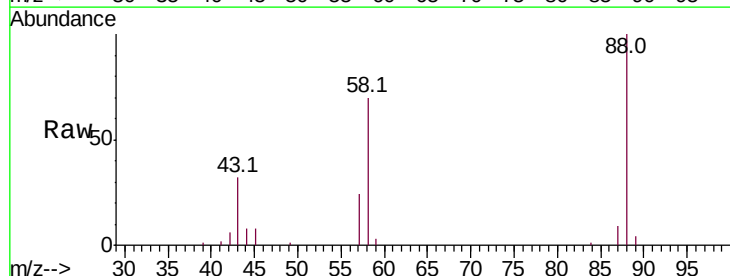
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



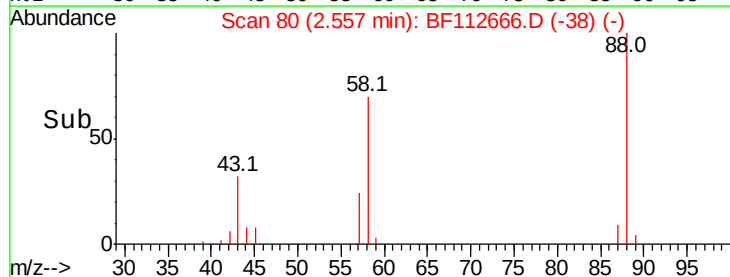
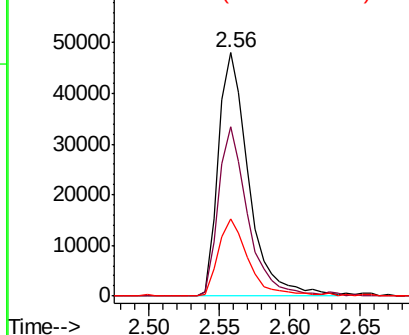
#2

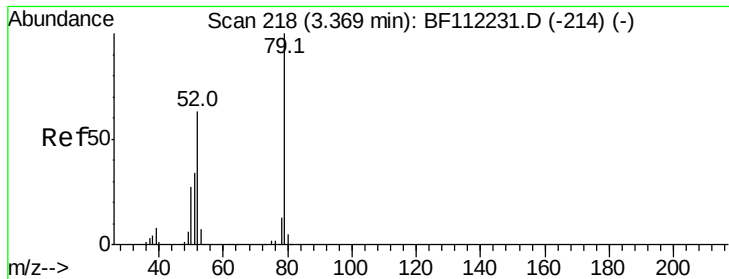
1,4-Dioxane
Concen: 49.372 ng
RT: 2.56 min Scan# 80
Delta R.T. -0.05 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.1	57.4	86.2
43	32.0	22.2	33.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 49.580 ng

RT: 3.32 min Scan# 209

Delta R.T. -0.05 min

Lab File: BF112666.D

Acq: 22 Feb 2019 16:08

Instrument :

BNA_F

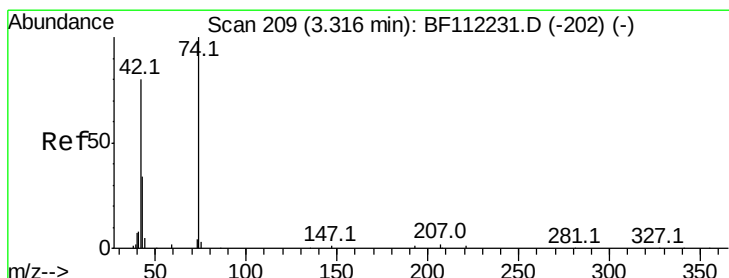
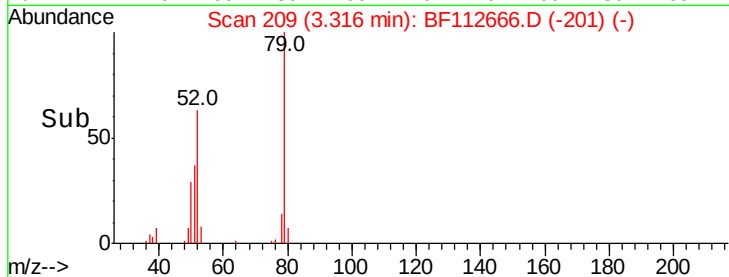
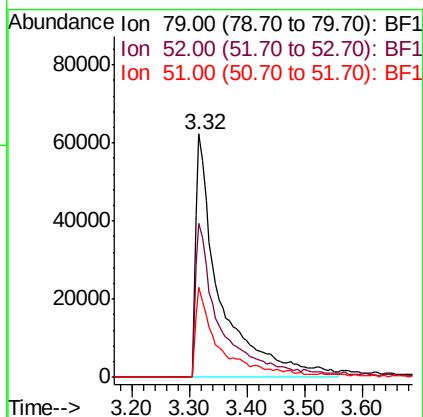
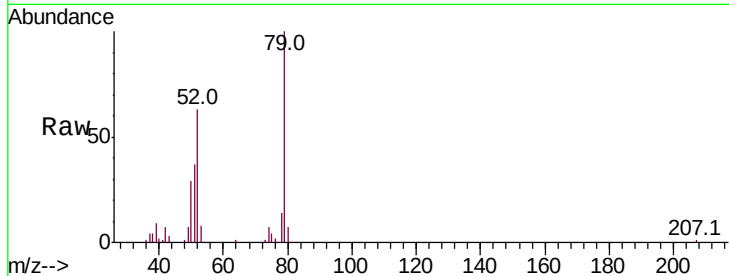
ClientSampleId :

PB117296BSD

Tot Ion:	79	Resp:	183948
Ion Ratio	Lower	Upper	
79	100		
52	63.2	52.4	78.6
51	36.9	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 57.580 ng

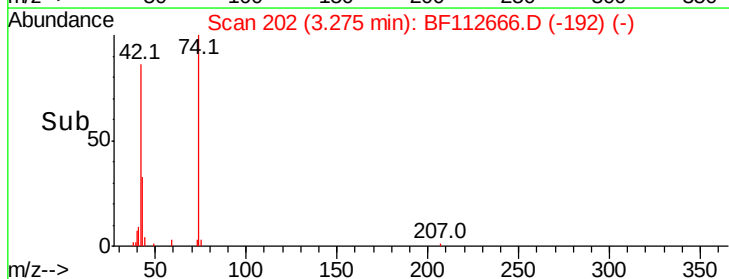
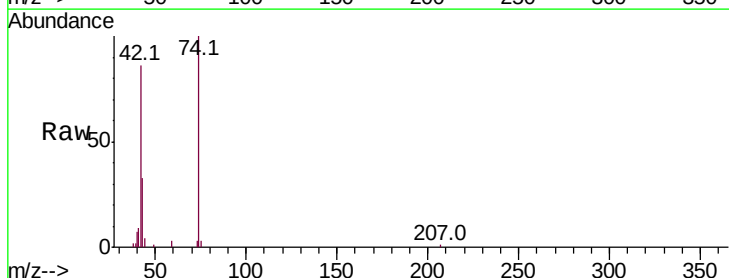
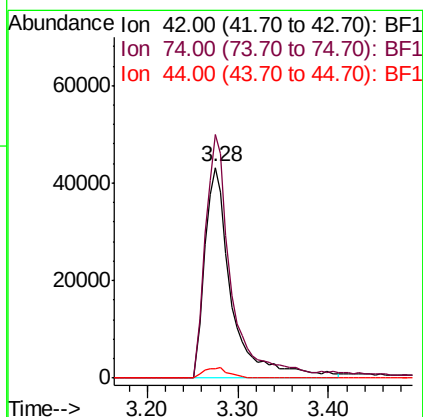
RT: 3.28 min Scan# 202

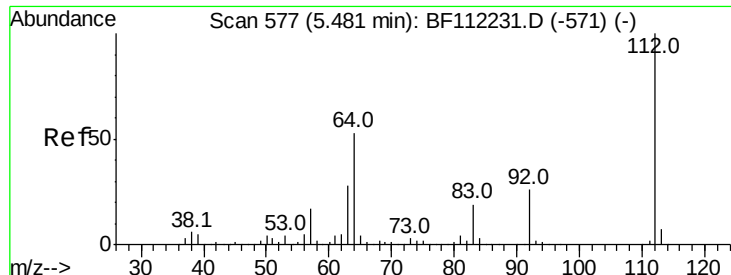
Delta R.T. -0.04 min

Lab File: BF112666.D

Acq: 22 Feb 2019 16:08

Tgt Ion:	42	Resp:	89753
Ion Ratio	Lower	Upper	
42	100		
74	115.7	105.6	158.4
44	4.7	5.4	8.2#





#5

2-Fluorophenol

Concen: 97.490 ng

RT: 5.45 min Scan# 572

Delta R.T. -0.03 min

Lab File: BF112666.D

Acq: 22 Feb 2019 16:08

Instrument :

BNA_F

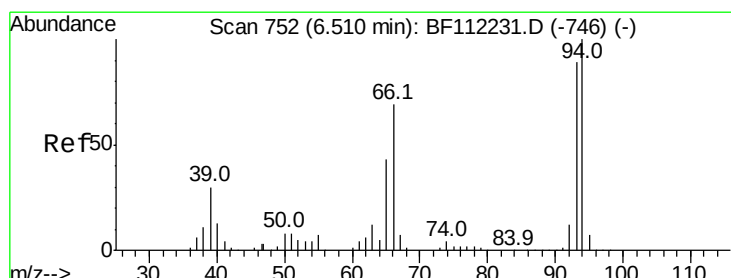
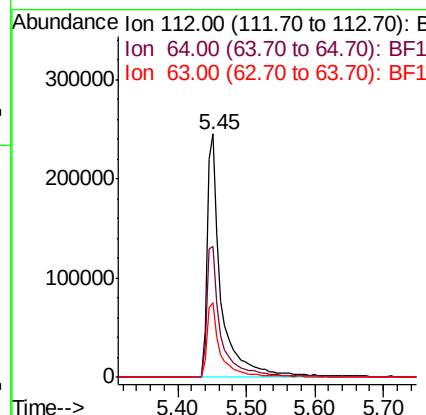
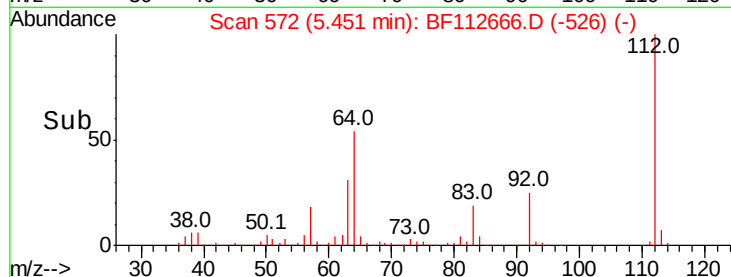
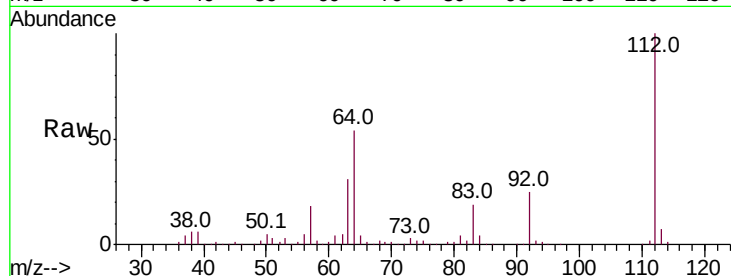
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Tot Ion:	112	Resp:	356943
Ion Ratio	Lower	Upper	
112	100		
64	53.7	45.7	68.5
63	30.8	23.6	35.4

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#6

Aniline

Concen: 50.124 ng

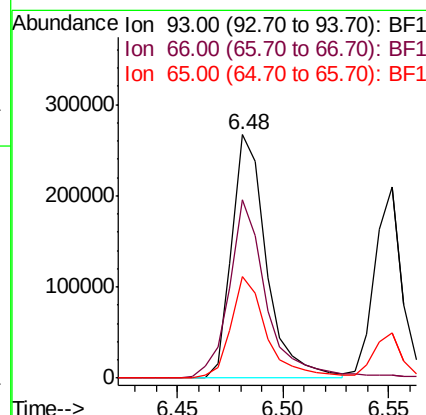
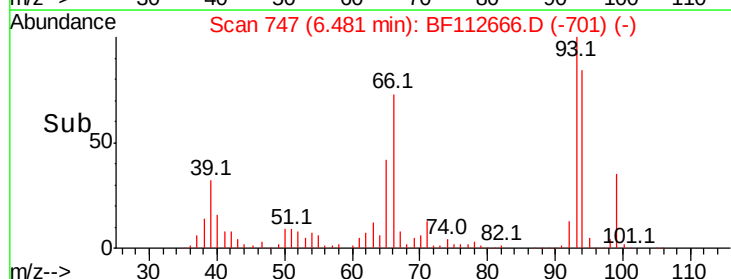
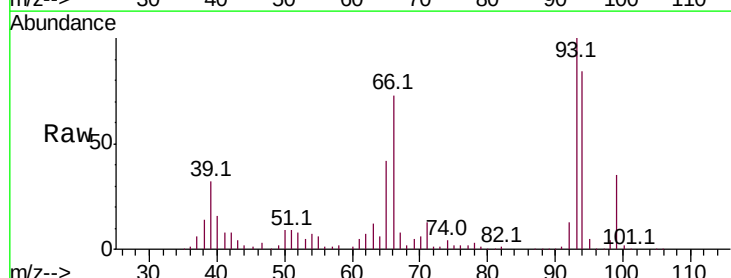
RT: 6.48 min Scan# 747

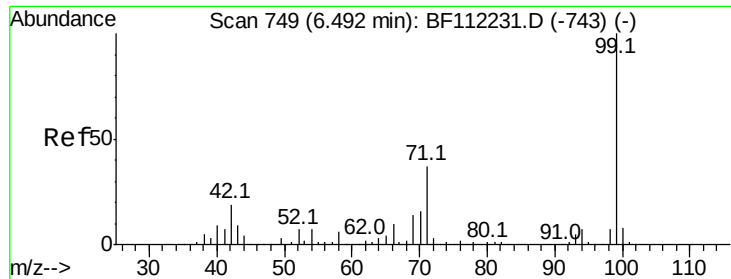
Delta R.T. -0.03 min

Lab File: BF112666.D

Acq: 22 Feb 2019 16:08

Tgt Ion:	93	Resp:	303353
Ion Ratio	Lower	Upper	
93	100		
66	73.1	43.4	65.2#
65	41.7	25.3	37.9#





#7

Phenol-d6

Concen: 88.501 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF112666.D

Acq: 22 Feb 2019 16:08

Instrument :

BNA_F

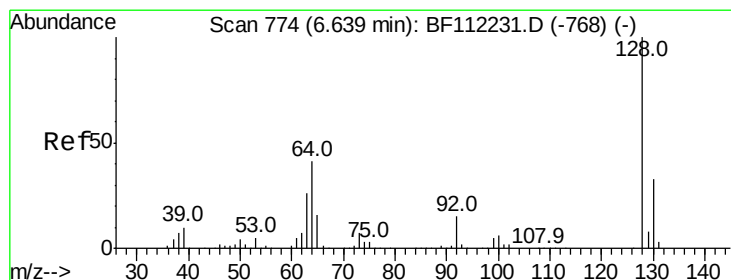
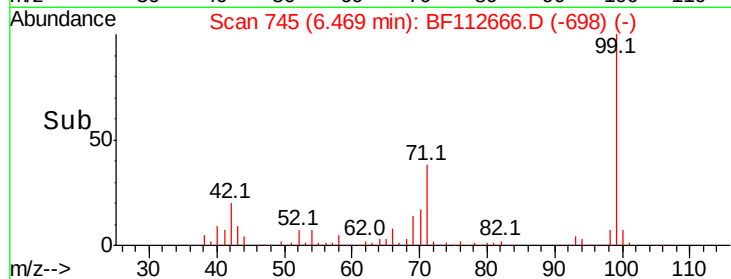
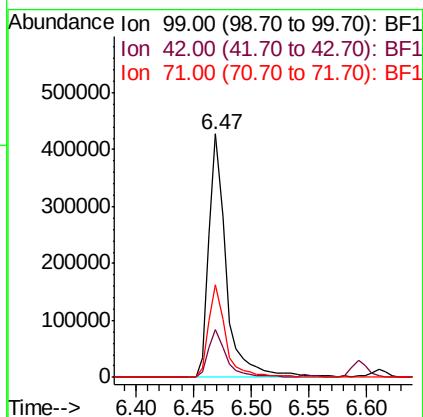
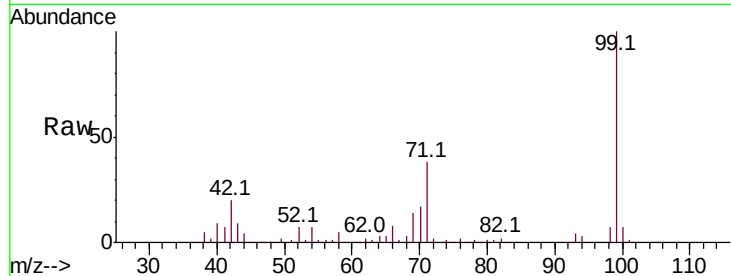
ClientSampleId :

PB117296BSD

Tot Ion:	99	Resp:	450258
Ion Ratio	Lower	Upper	
99	100		
42	19.6	15.1	22.7
71	38.3	26.9	40.3

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#8

2-Chlorophenol

Concen: 45.412 ng

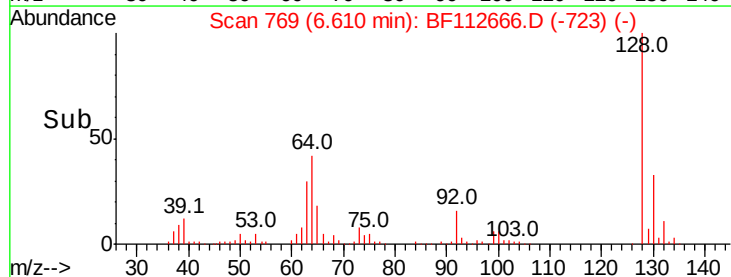
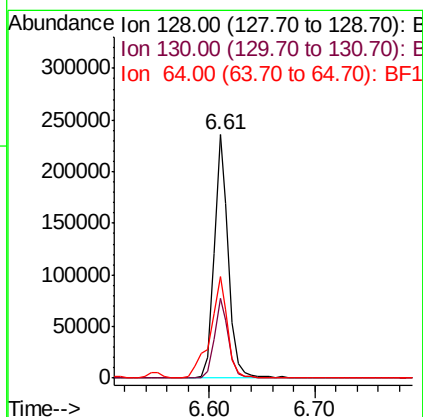
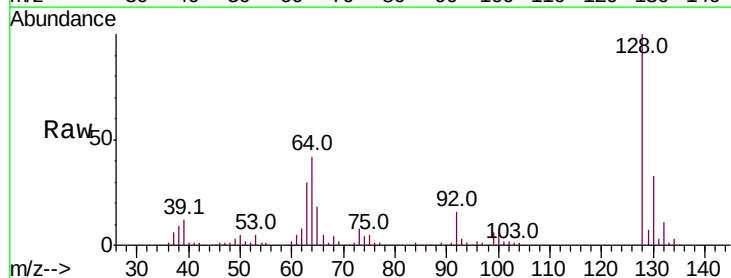
RT: 6.61 min Scan# 769

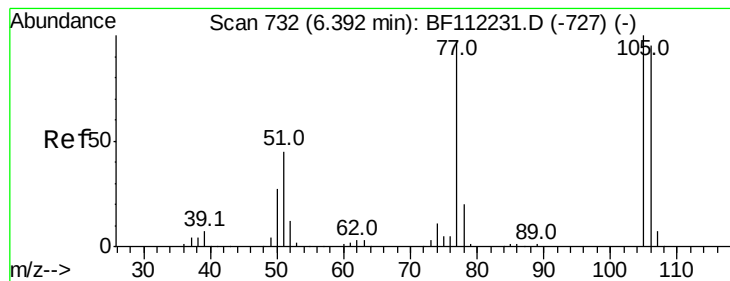
Delta R.T. -0.03 min

Lab File: BF112666.D

Acq: 22 Feb 2019 16:08

Tgt Ion:	128	Resp:	223676
Ion Ratio	Lower	Upper	
128	100		
130	32.7	13.4	53.4
64	41.6	20.5	60.5





#9

Benzaldehyde

Concen: 37.609 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF112666.D

Acq: 22 Feb 2019 16:08

Instrument :

BNA_F

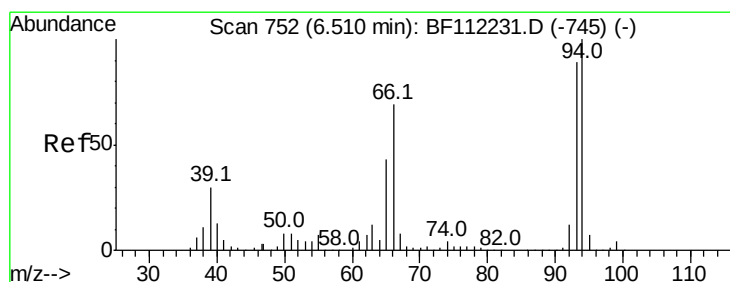
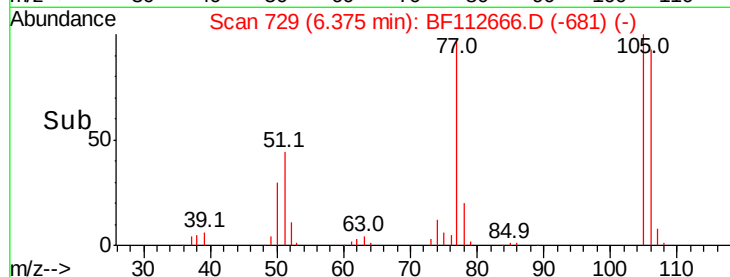
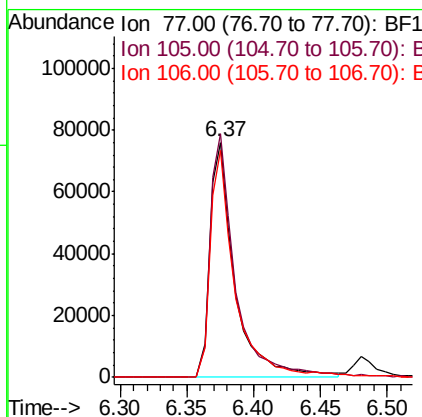
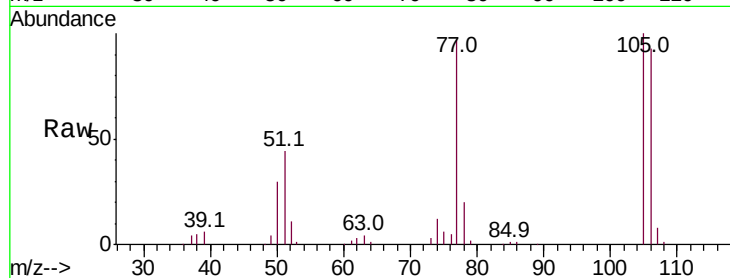
ClientSampled :

PB117296BSD

Tot Ion:	77	Resp:	100010
Ion Ratio	Lower	Upper	
77	100		
105	103.5	80.8	120.8
106	96.6	75.7	115.7

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#10

Phenol

Concen: 46.335 ng

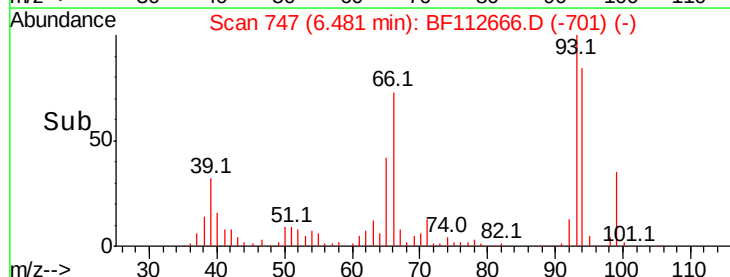
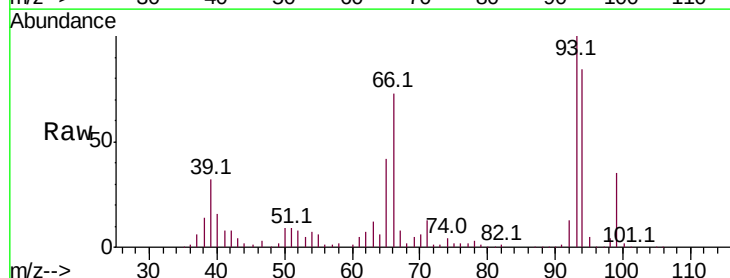
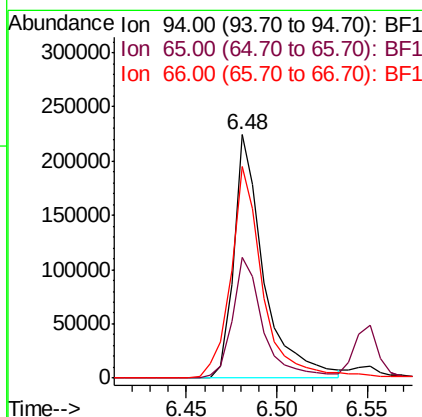
RT: 6.48 min Scan# 747

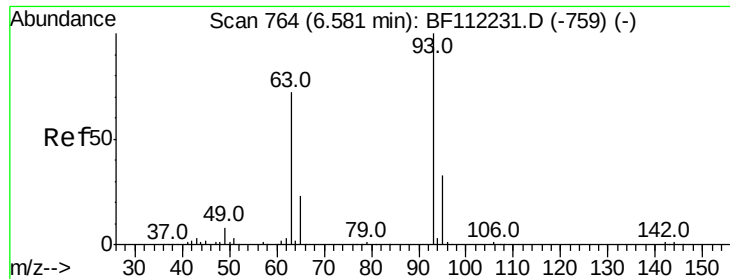
Delta R.T. -0.03 min

Lab File: BF112666.D

Acq: 22 Feb 2019 16:08

Tgt Ion:	94	Resp:	258629
Ion Ratio	Lower	Upper	
94	100		
65	49.7	20.3	60.3
66	87.0	42.4	82.4#





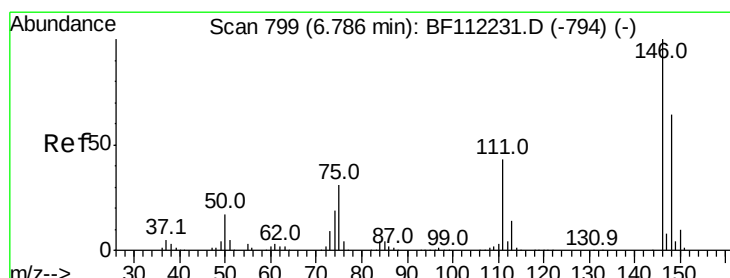
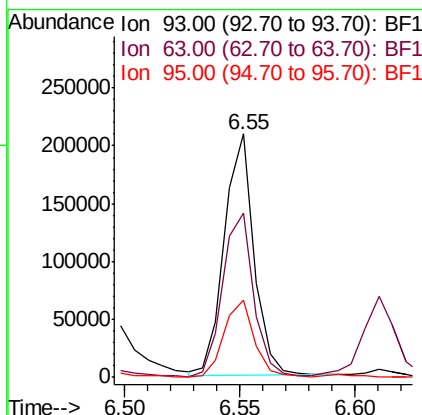
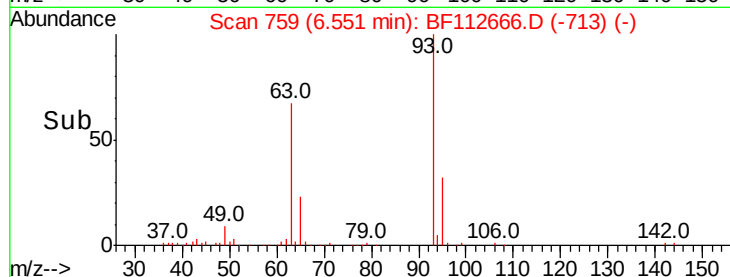
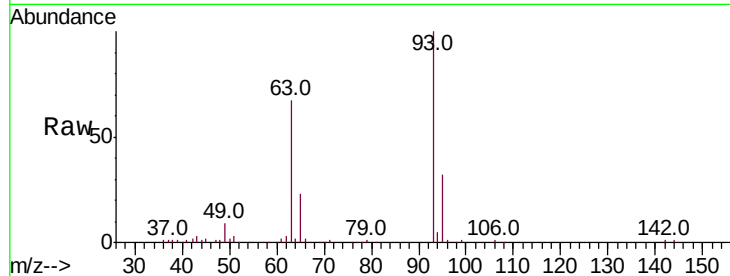
#11
bis(2-Chloroethyl)ether
Concen: 42.510 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.03 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Instrument :
BNA_F
ClientSampleId :
PB117296BSD

Tot Ion	93	Resp	186805
Ion Ratio	100	Lower	Upper
93	100		
63	67.3	53.3	93.3
95	31.8	13.4	53.4

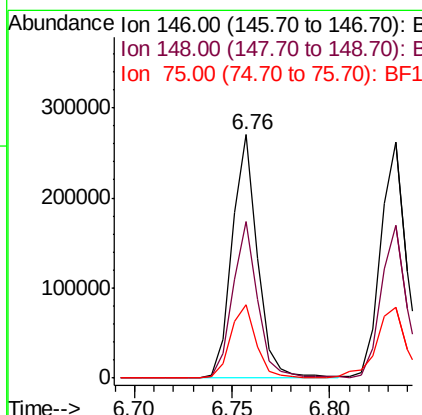
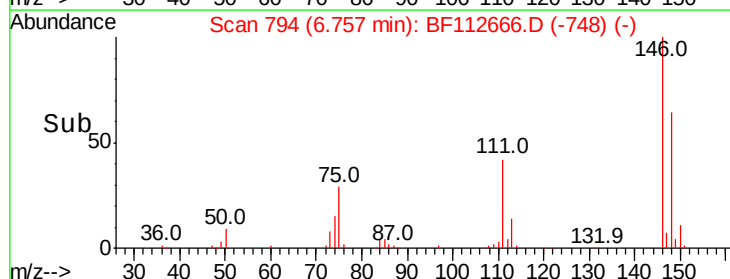
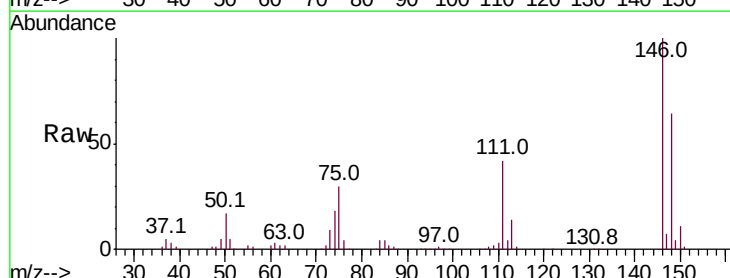
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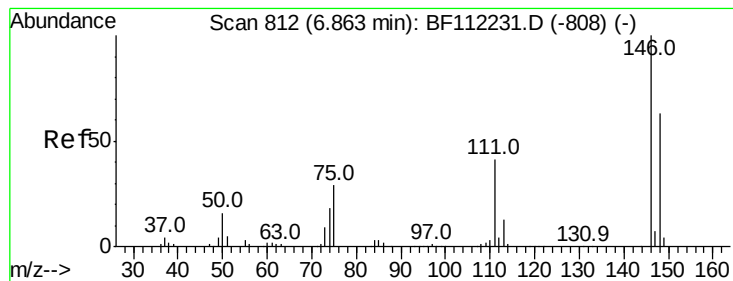
Sohil
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#12
1,3-Dichlorobenzene
Concen: 42.470 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.03 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Tgt Ion	146	Resp	243612
Ion Ratio	100	Lower	Upper
146	100		
148	64.4	51.8	77.8
75	30.1	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 42.077 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.03 min

Lab File: BF112666.D

Acq: 22 Feb 2019 16:08

Instrument :

BNA_F

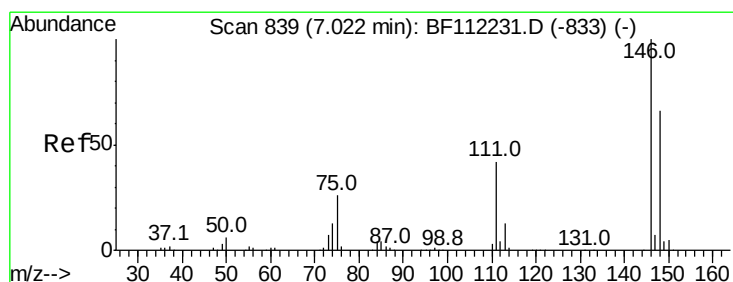
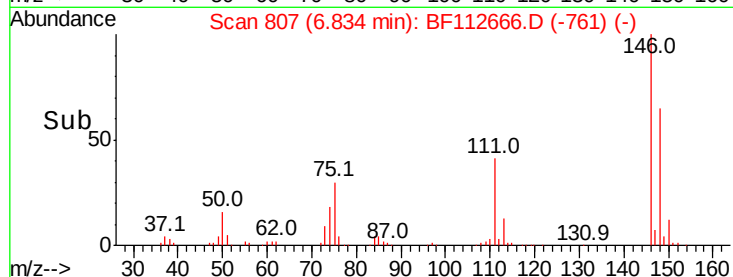
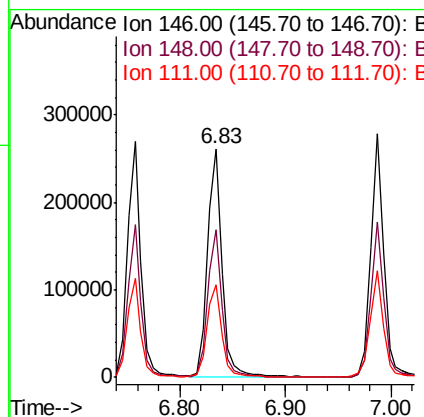
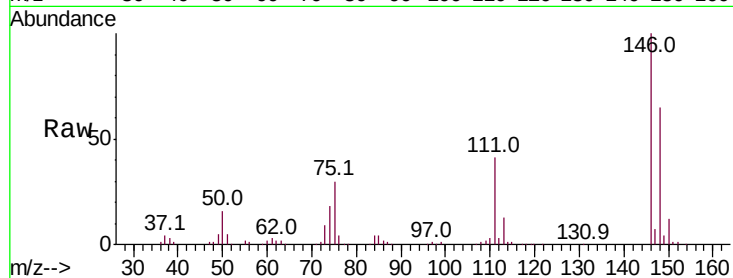
ClientSampleId :

PB117296BSD

Tot Ion:	146	Resp:	248399
Ion Ratio	Lower	Upper	
146	100		
148	64.7	52.0	78.0
111	40.7	31.2	46.8

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#14

1,2-Dichlorobenzene

Concen: 42.322 ng

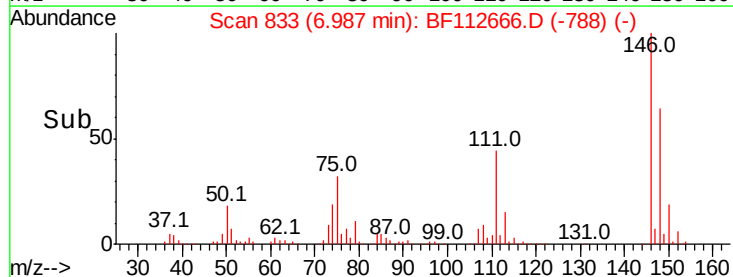
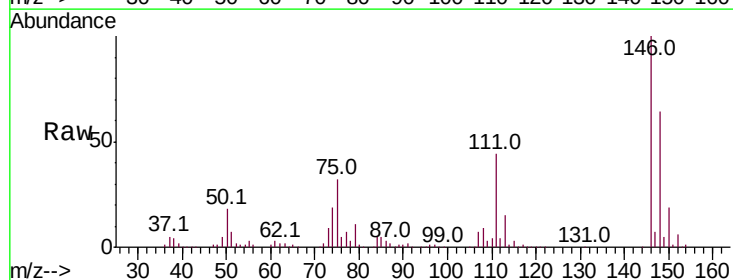
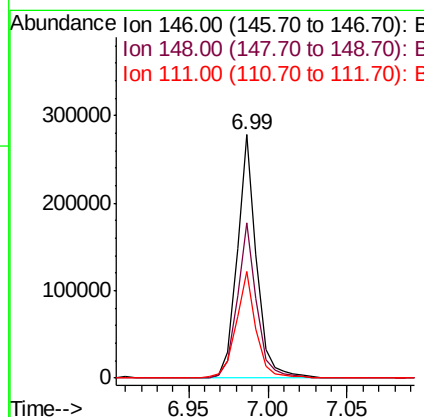
RT: 6.99 min Scan# 833

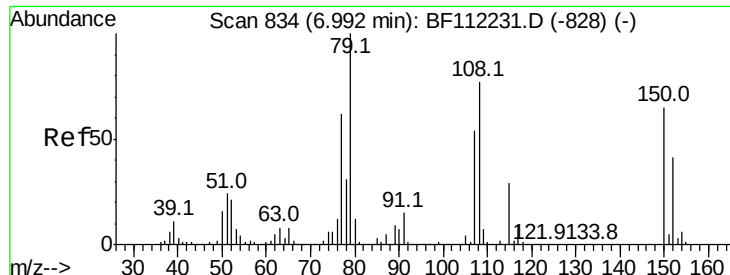
Delta R.T. -0.04 min

Lab File: BF112666.D

Acq: 22 Feb 2019 16:08

Tgt Ion:	146	Resp:	233921
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.2	78.4
111	43.9	31.2	46.8





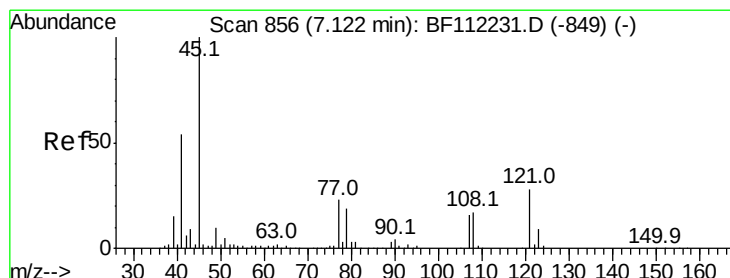
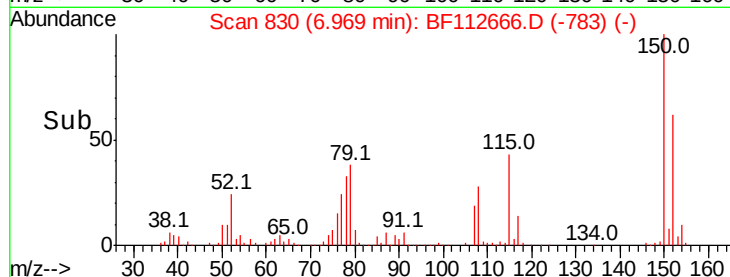
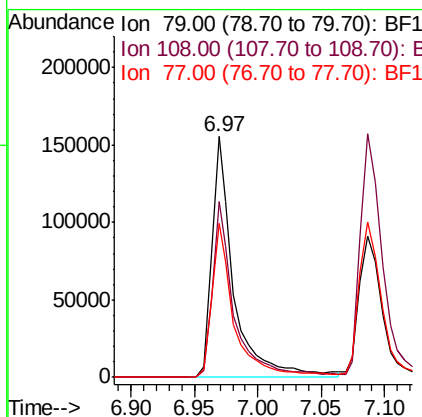
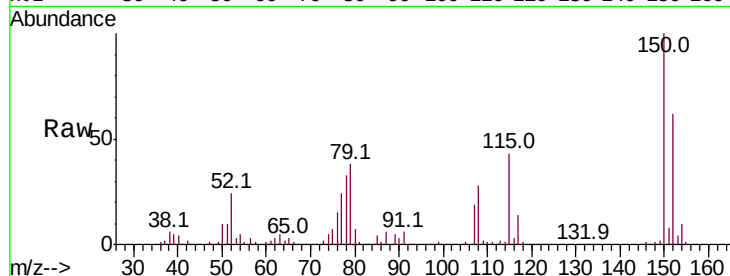
#15
Benzyl Alcohol
Concen: 44.039 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.02 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Instrument :
BNA_F
ClientSampleId :
PB117296BSD

Tot Ion:	79	Resp:	188871
Ion Ratio	Lower	Upper	
79	100		
108	72.9	64.2	96.2
77	64.0	50.3	75.5

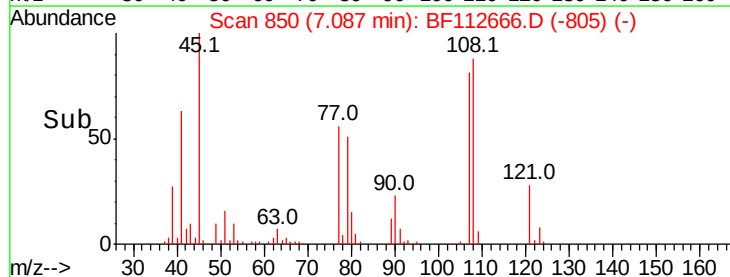
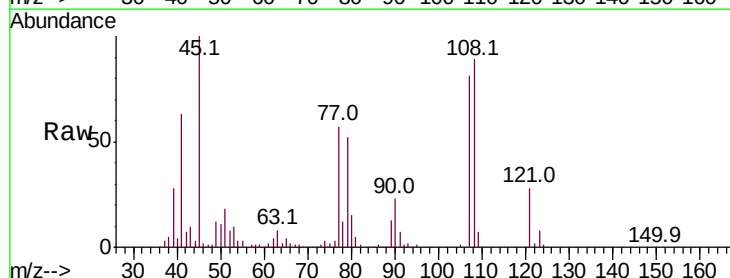
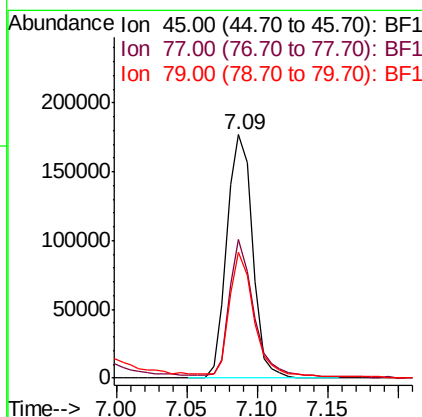
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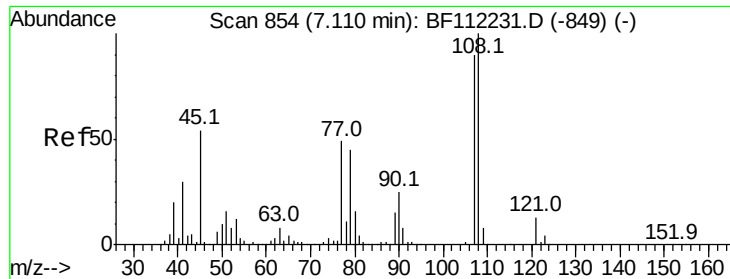
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.854 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.04 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Tgt Ion:	45	Resp:	224863
Ion Ratio	Lower	Upper	
45	100		
77	56.8	0.0	36.9#
79	51.6	0.0	34.0#





#17

2-Methylphenol

Concen: 44.396 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.02 min

Lab File: BF112666.D

Acq: 22 Feb 2019 16:08

Instrument :

BNA_F

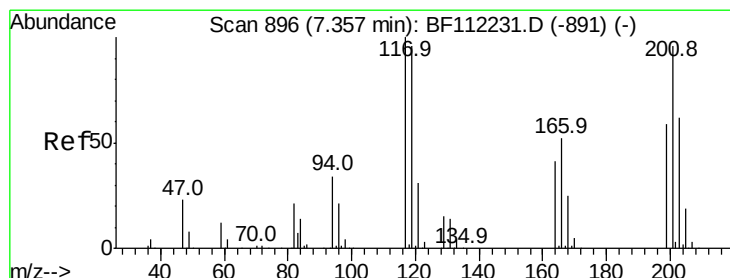
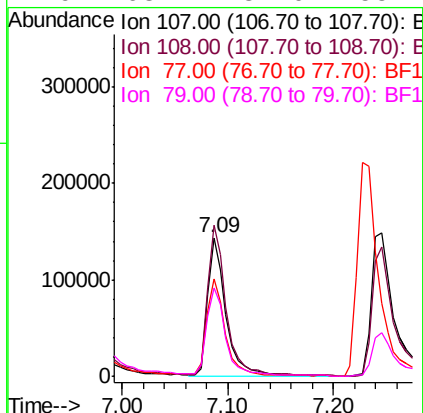
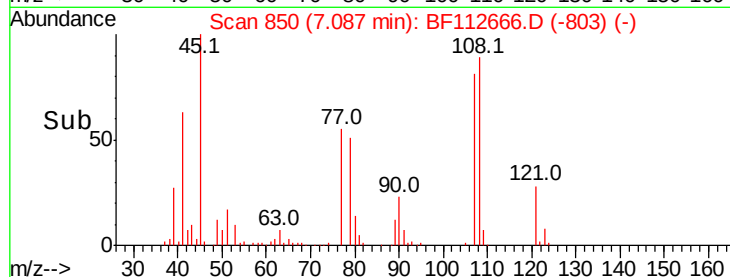
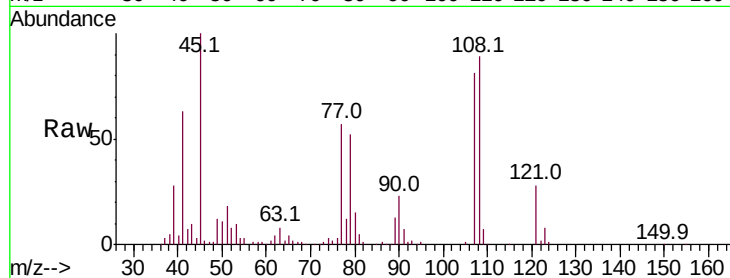
ClientSampleId :

PB117296BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.5	91.3	136.9
77	70.0	39.0	58.6#
79	63.7	37.0	55.4#

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#18

Hexachloroethane

Concen: 42.870 ng

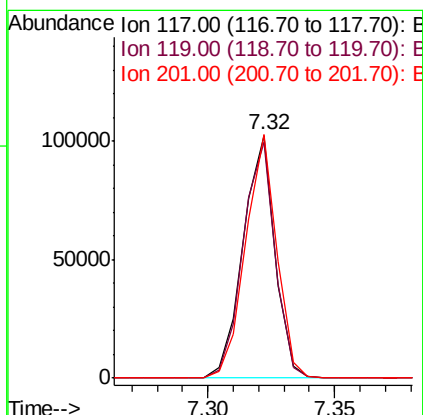
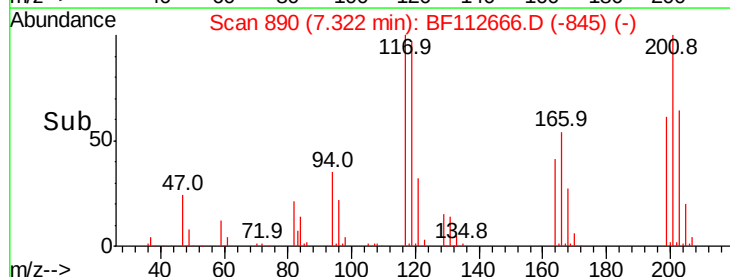
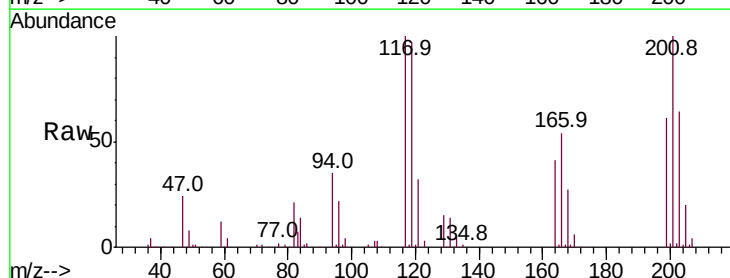
RT: 7.32 min Scan# 890

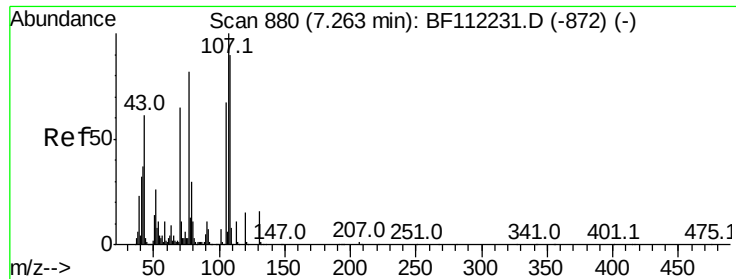
Delta R.T. -0.04 min

Lab File: BF112666.D

Acq: 22 Feb 2019 16:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.0	115.4
201	100.5	74.1	111.1





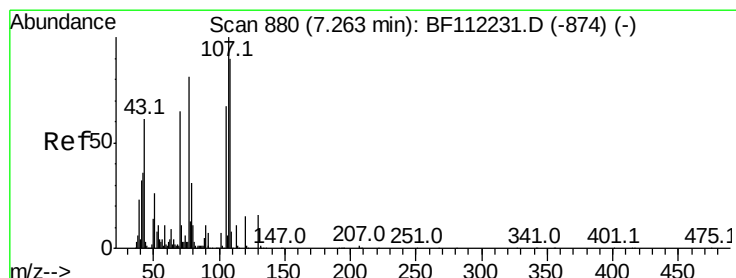
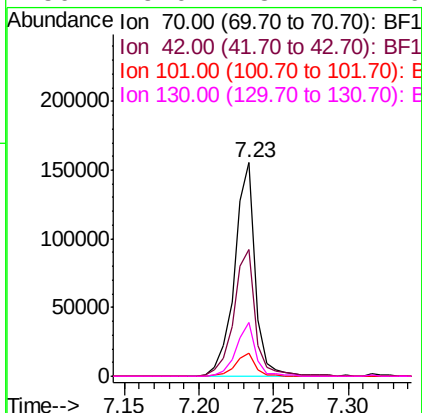
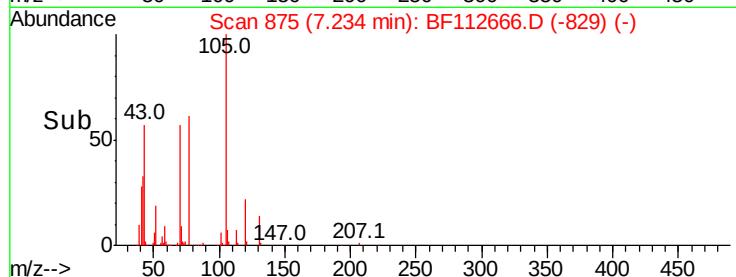
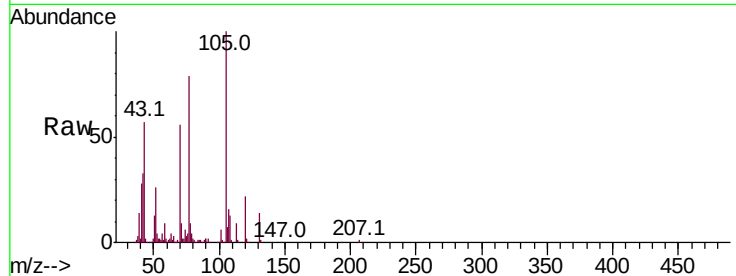
#19
n-Nitroso-di-n-propylamine
Concen: 43.390 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.03 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Instrument :
BNA_F
ClientSampleId :
PB117296BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.4	47.6	71.4
101	10.8	7.9	11.9
130	25.0	18.4	27.6

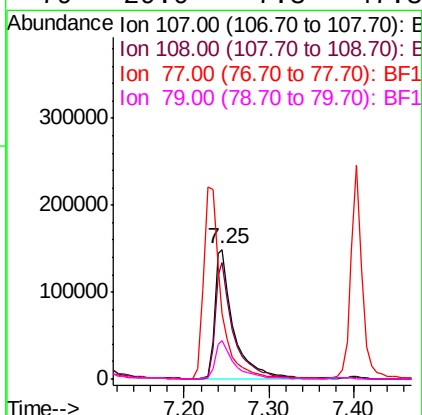
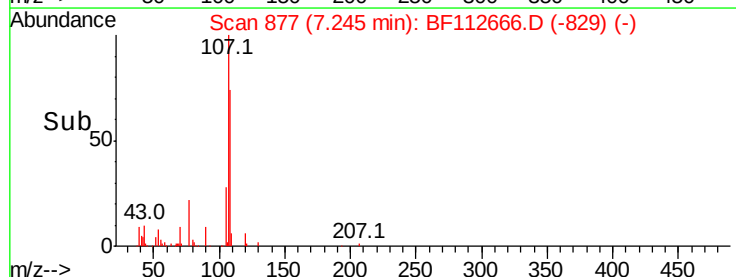
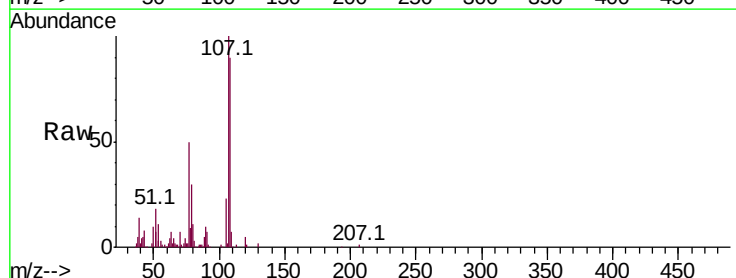
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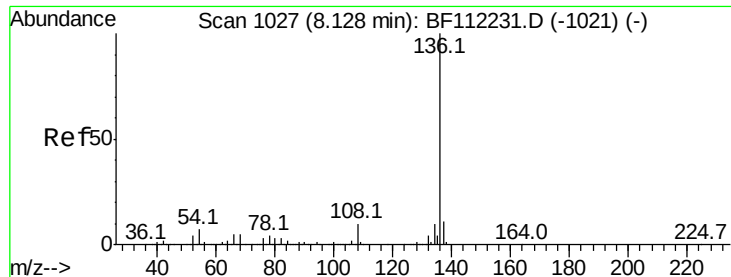
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#20
3+4-Methylphenols
Concen: 47.277 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.2	108.2
77	50.3	100.7	140.7#
79	29.9	7.3	47.3





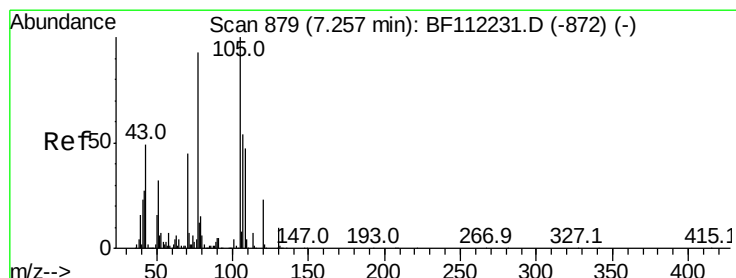
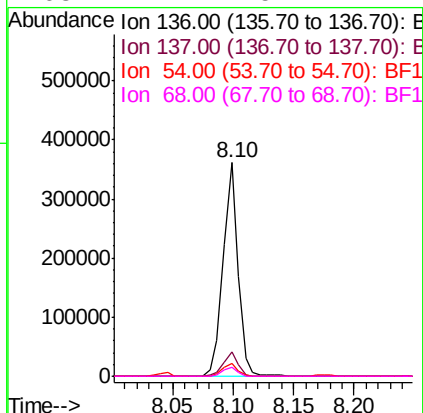
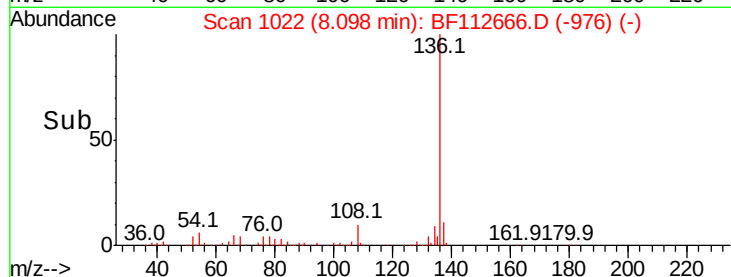
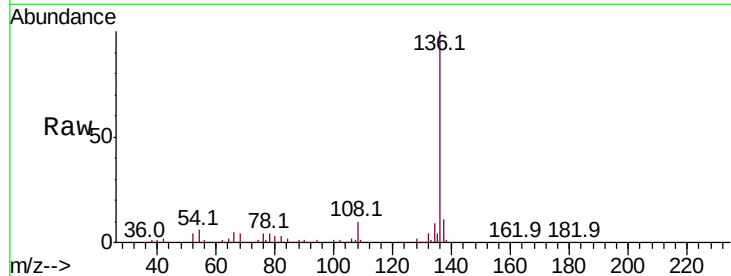
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Instrument :
BNA_F
ClientSampleId :
PB117296BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.1	13.7	
54	6.0	5.9	8.9	
68	4.2	5.1	7.7	

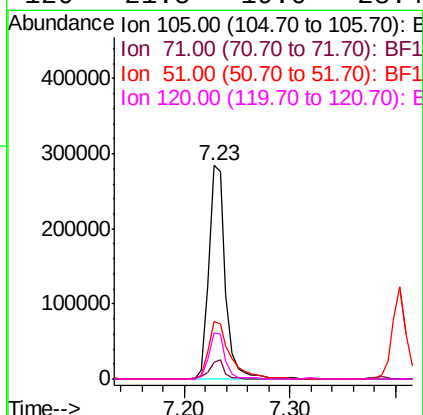
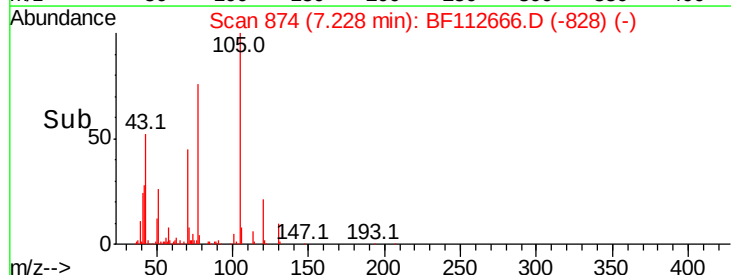
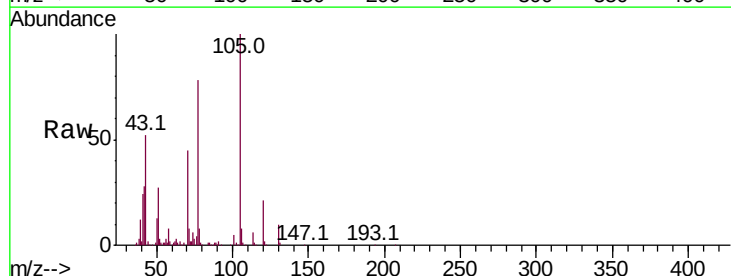
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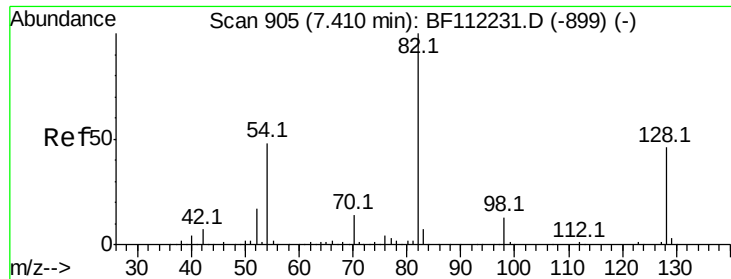
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#22
Acetophenone
Concen: 41.900 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.03 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.6	4.6	6.8	
51	27.1	25.0	37.6	
120	21.5	19.0	28.4	





#23

Nitrobenzene-d5

Concen: 83.532 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.02 min

Lab File: BF112666.D

Acq: 22 Feb 2019 16:08

Instrument :

BNA_F

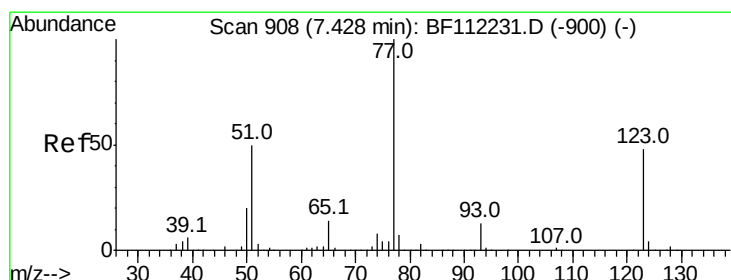
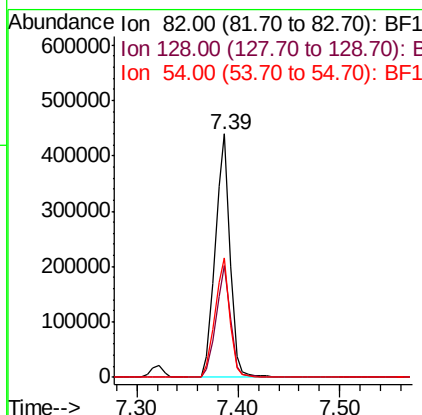
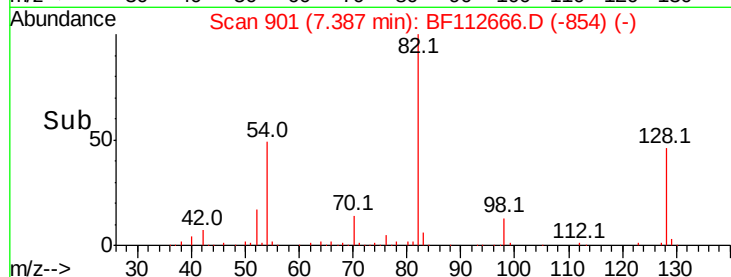
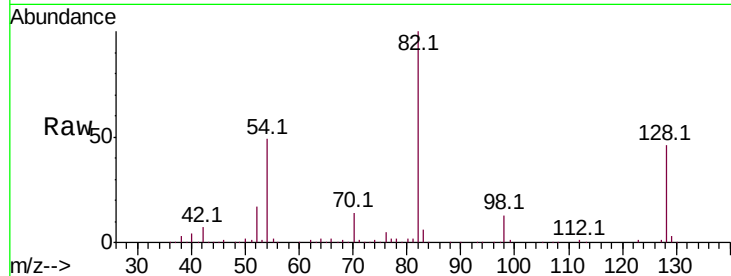
ClientSampled :

PB117296BSD

Tot Ion:	82	Resp:	447466
Ion Ratio	Lower	Upper	
82	100		
128	45.7	37.8	56.8
54	49.3	39.7	59.5

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#24

Nitrobenzene

Concen: 42.674 ng

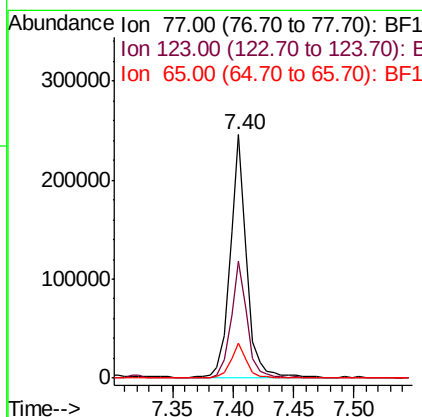
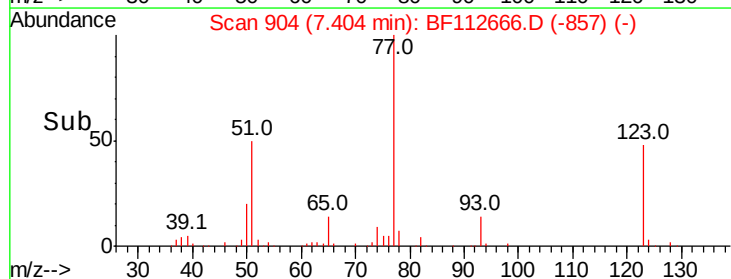
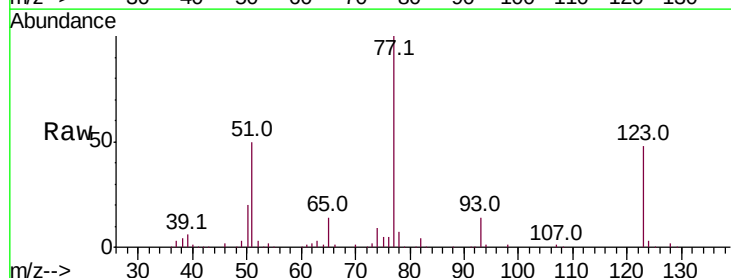
RT: 7.40 min Scan# 904

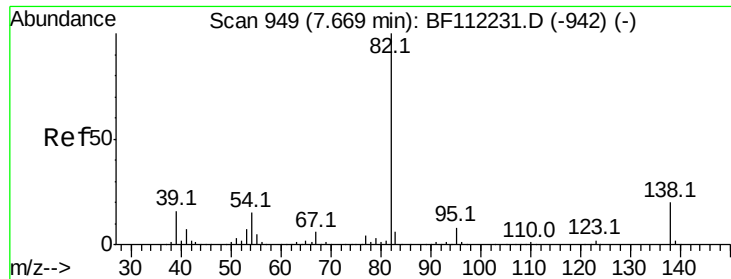
Delta R.T. -0.02 min

Lab File: BF112666.D

Acq: 22 Feb 2019 16:08

Tgt Ion:	77	Resp:	228305
Ion Ratio	Lower	Upper	
77	100		
123	47.8	38.4	57.6
65	14.2	10.6	15.8





#25

Isophorone

Concen: 48.397 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.03 min

Lab File: BF112666.D

Acq: 22 Feb 2019 16:08

Instrument :

BNA_F

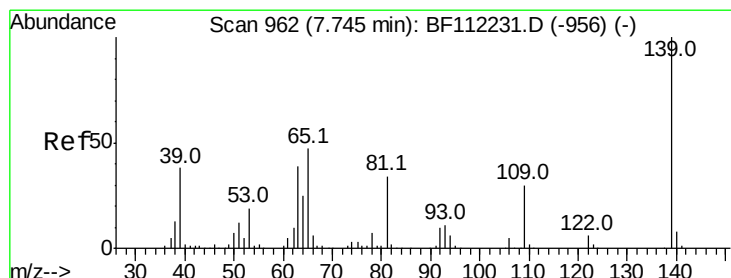
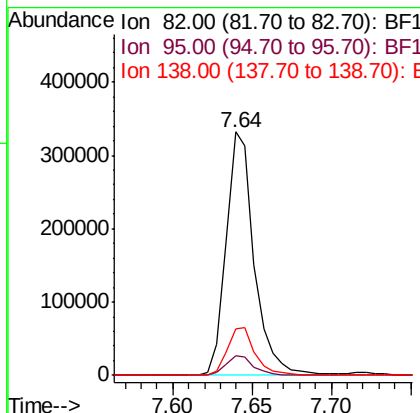
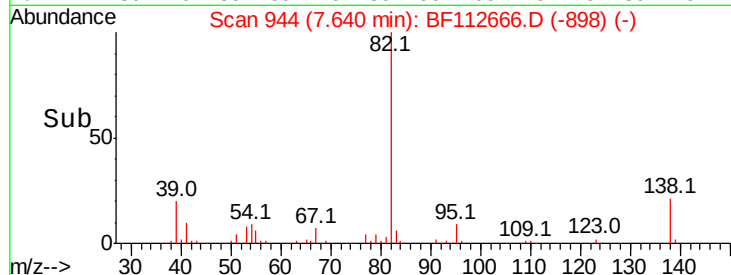
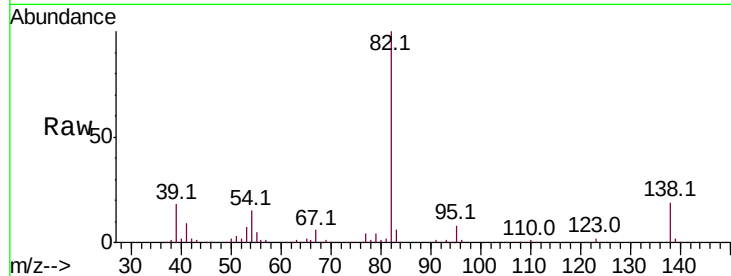
ClientSampleId :

PB117296BSD

Tot Ion:	82	Resp:	406718
Ion Ratio	Lower	Upper	
82	100		
95	8.0	5.7	8.5
138	18.9	15.4	23.0

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#26

2-Nitrophenol

Concen: 44.075 ng

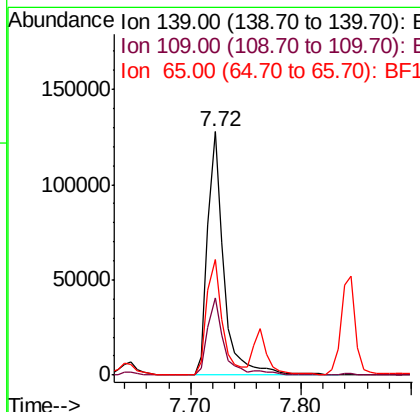
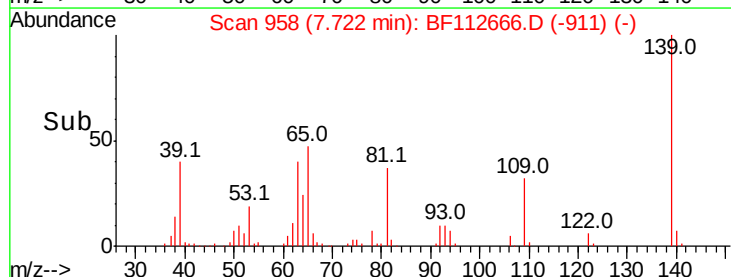
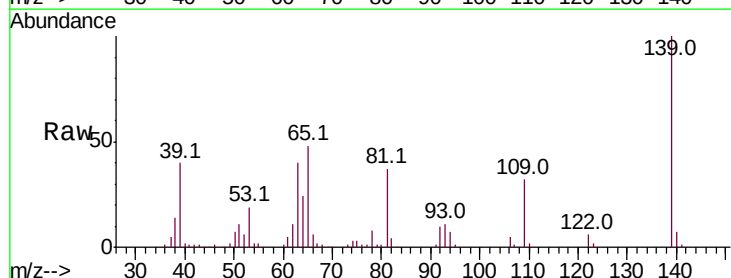
RT: 7.72 min Scan# 958

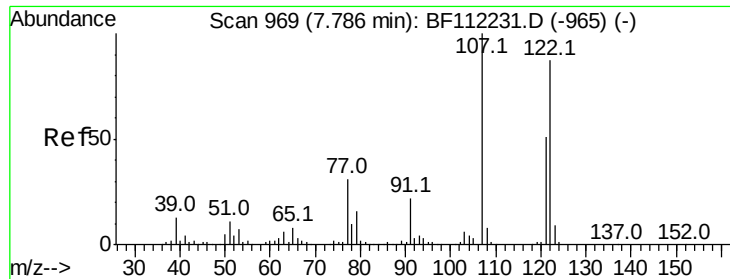
Delta R.T. -0.02 min

Lab File: BF112666.D

Acq: 22 Feb 2019 16:08

Tgt Ion:	139	Resp:	126014
Ion Ratio	Lower	Upper	
139	100		
109	31.7	20.8	31.2#
65	47.5	34.4	51.6





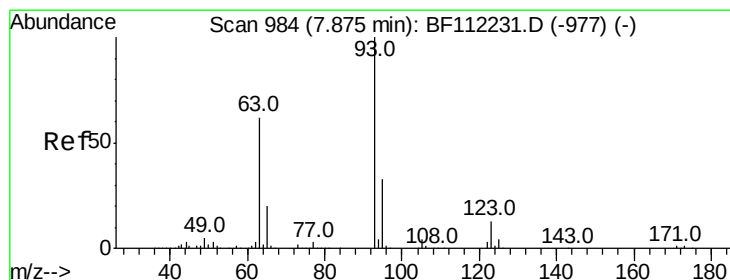
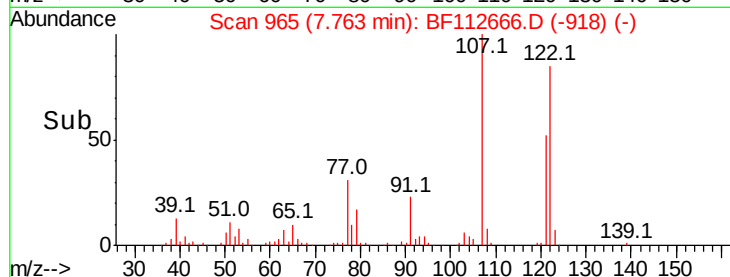
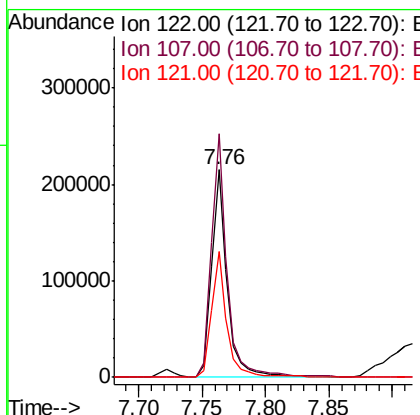
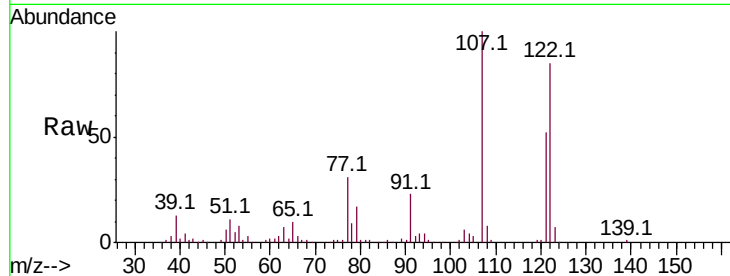
#27
2,4-Dimethylphenol
Concen: 47.579 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Instrument :
BNA_F
ClientSampleId :
PB117296BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.2	85.4	128.0
121	60.8	47.0	70.4

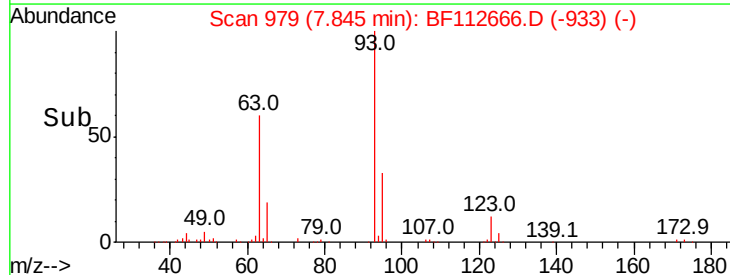
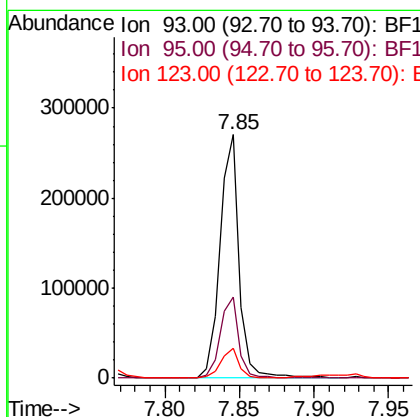
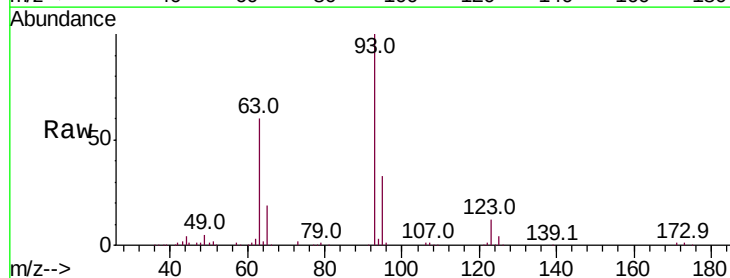
Manual Integrations
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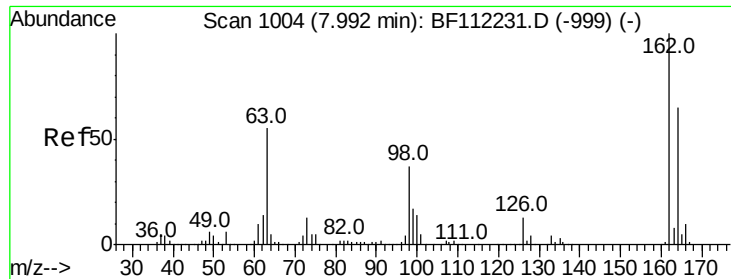
Sohil
2/25/2019 9:21:01 AM



#28
bis(2-Chloroethoxy)methane
Concen: 42.682 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.03 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.8	40.2
123	12.2	10.2	15.2





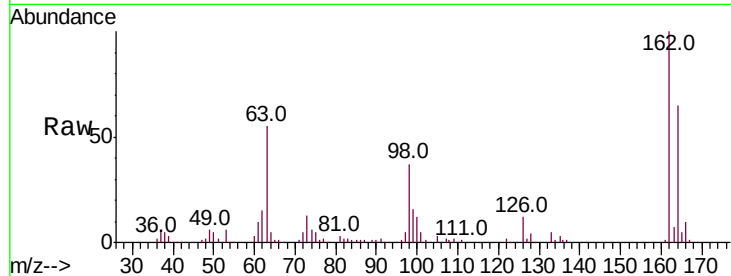
#29
2,4-Dichlorophenol
Concen: 43.080 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Instrument :
BNA_F
ClientSampleId :
PB117296BSD

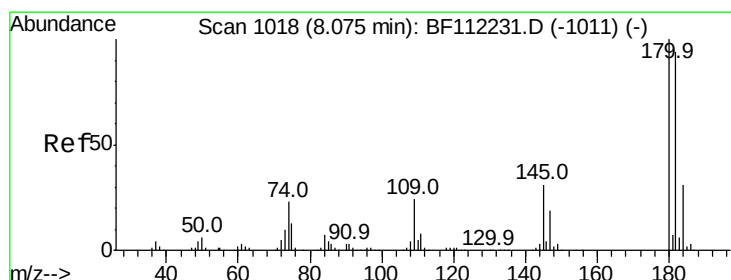
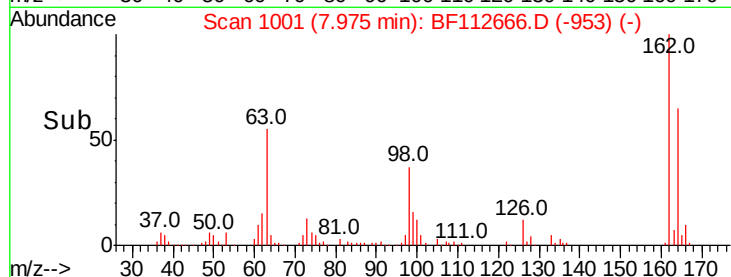
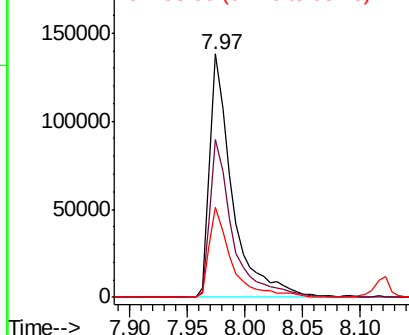
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.8	44.6	84.6
98	36.9	14.6	54.6

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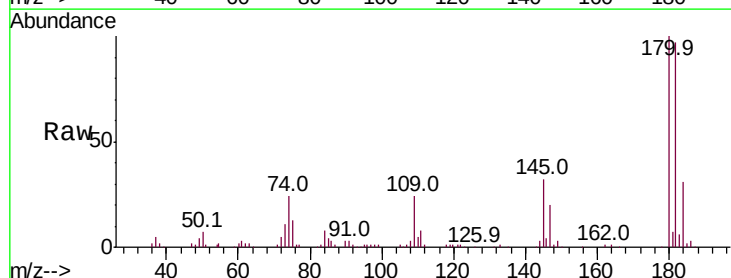


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

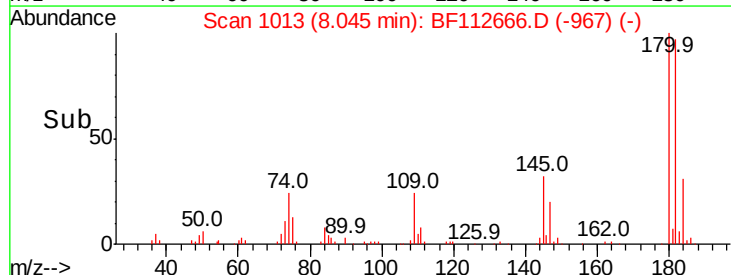
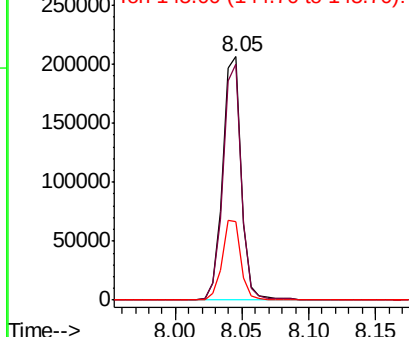


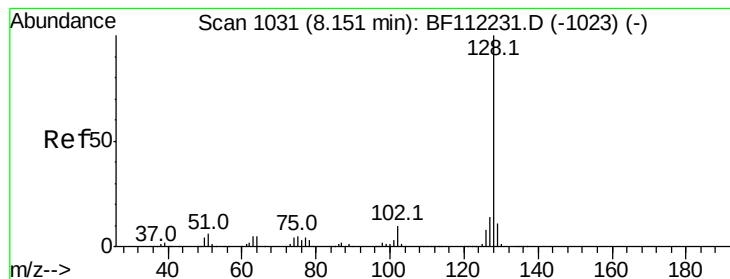
#30
1,2,4-Trichlorobenzene
Concen: 40.587 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.03 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.7	76.4	114.6
145	32.4	25.0	37.4



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





#31

Naphthalene

Concen: 45.252 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF112666.D

Acq: 22 Feb 2019 16:08

Instrument :

BNA_F

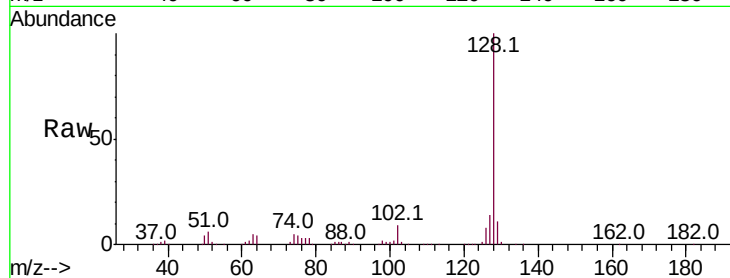
ClientSampleId :

PB117296BSD

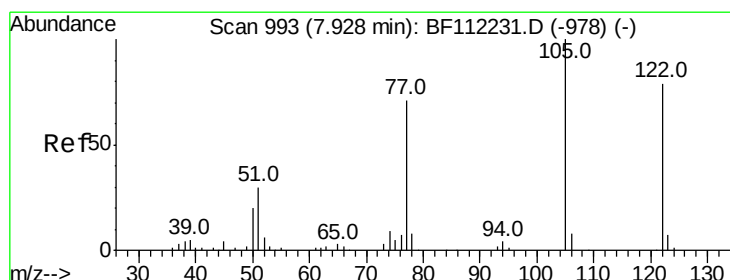
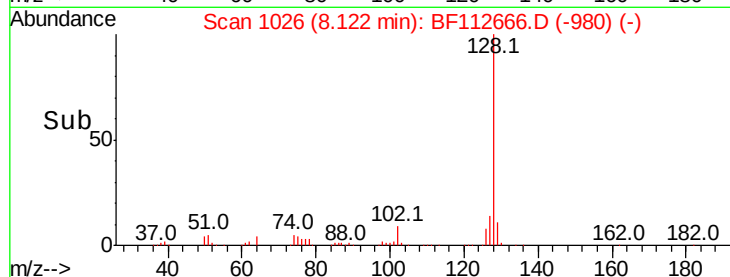
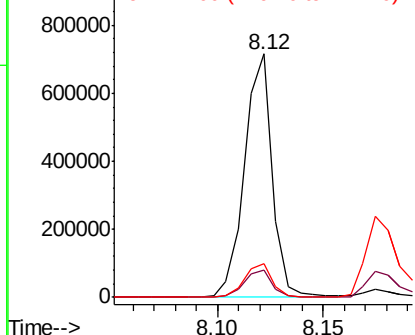
Tot Ion:	128	Resp:	653183
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.6	14.4
127	13.6	11.1	16.7

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



#32

Benzoic acid

Concen: 47.103 ng

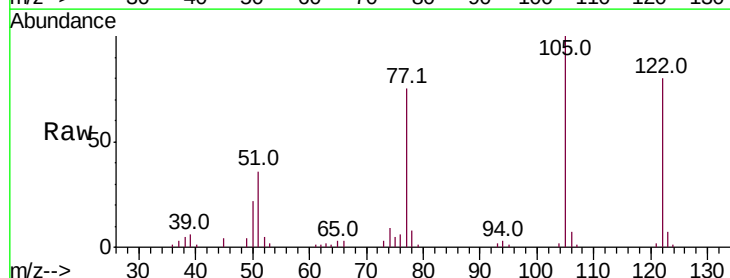
RT: 7.93 min Scan# 993

Delta R.T. 0.00 min

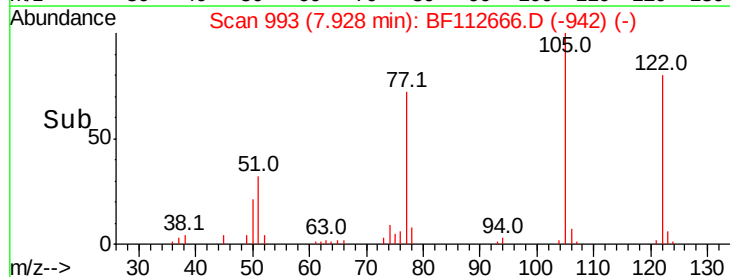
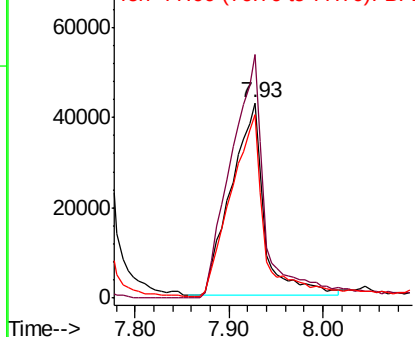
Lab File: BF112666.D

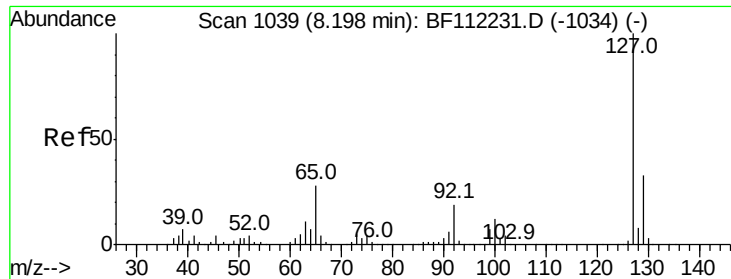
Acq: 22 Feb 2019 16:08

Tgt Ion:	122	Resp:	105838
Ion Ratio	Lower	Upper	
122	100		
105	124.7	101.2	141.2
77	94.1	70.4	110.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





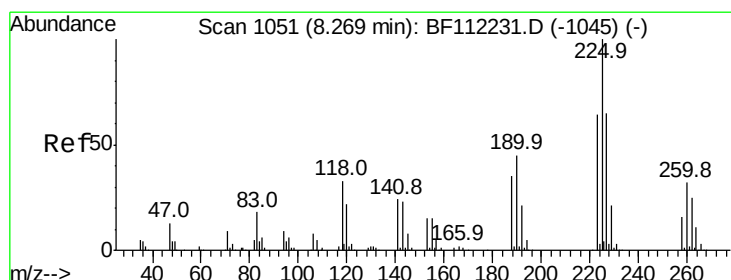
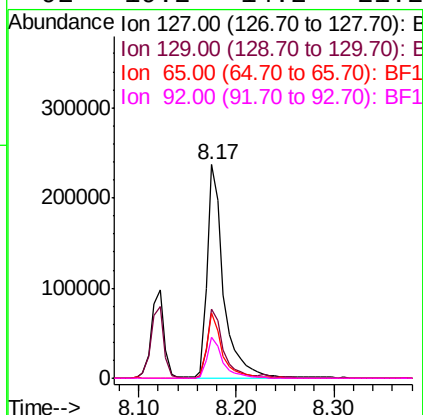
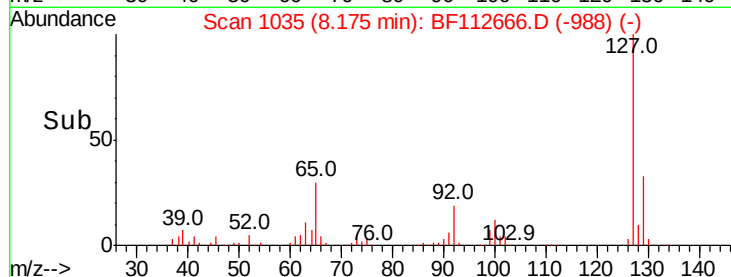
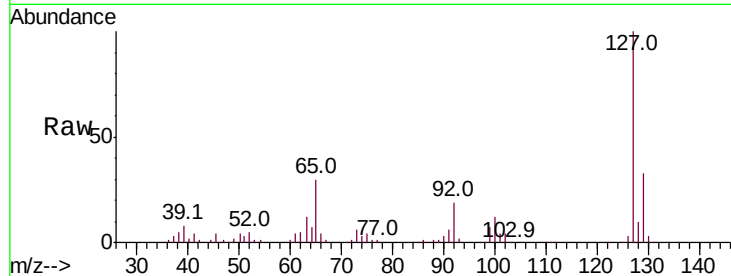
#33
4-Chloroaniline
Concen: 43.978 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Instrument :
BNA_F
ClientSampleId :
PB117296BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		276404		
129	32.6	26.6	39.8		
65	30.3	21.4	32.2		
92	19.2	14.2	21.2		

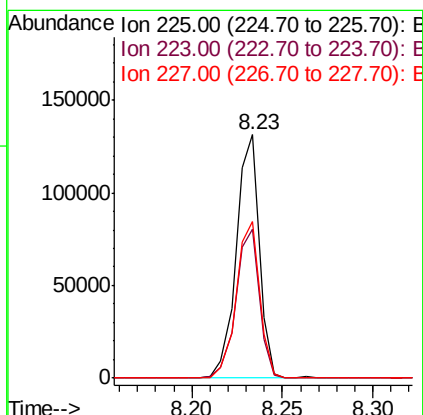
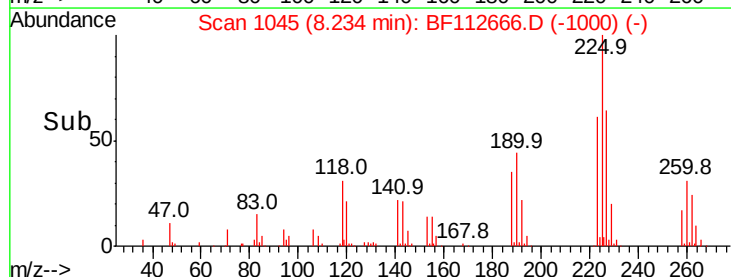
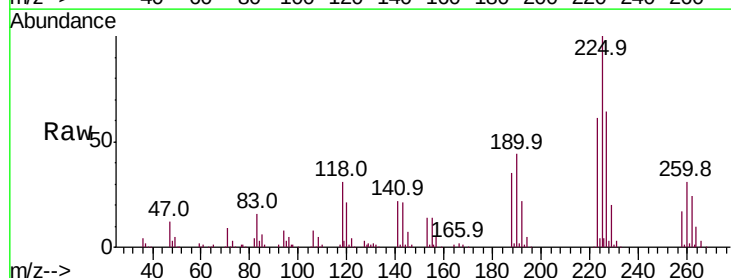
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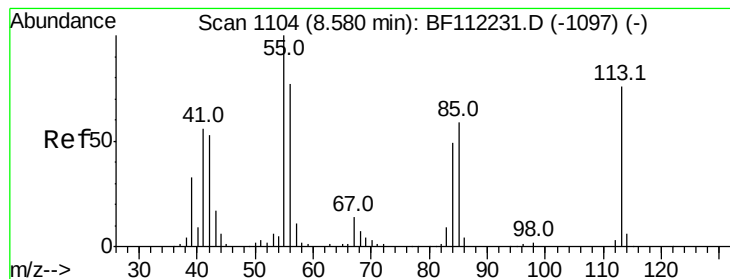
Sohil
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#34
Hexachlorobutadiene
Concen: 39.186 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.04 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		116516		
223	61.3	50.3	75.5		
227	64.1	51.8	77.8		





#35

Caprolactam

Concen: 38.183 ng/ml

RT: 8.55 min Scan# 1099

Delta R.T. -0.03 min

Lab File: BF112666.D

Acq: 22 Feb 2019 16:08

Instrument :

BNA_F

ClientSampleId :

PB117296BSD

Tot Ion:113 Resp: 59378

Ion Ratio Lower Upper

113 100

55 135.3 121.6 161.6

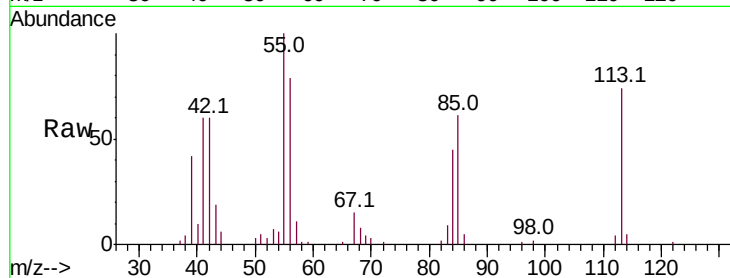
56 106.8 86.7 126.7

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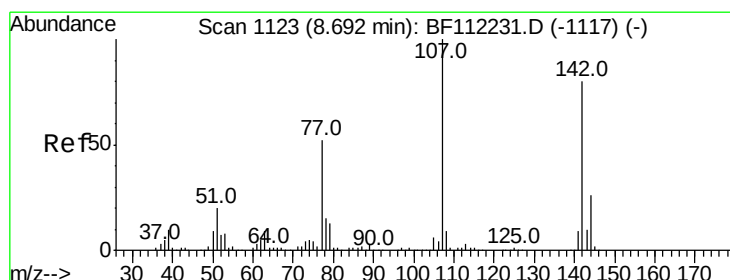
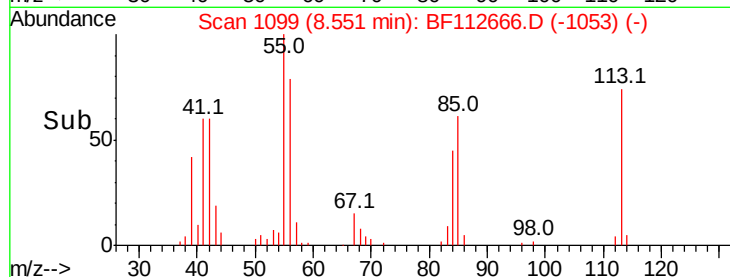
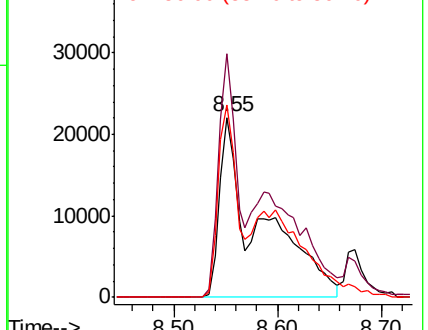
2/25/2019 9:21:01 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 44.092 ng/ml

RT: 8.67 min Scan# 1120

Delta R.T. -0.02 min

Lab File: BF112666.D

Acq: 22 Feb 2019 16:08

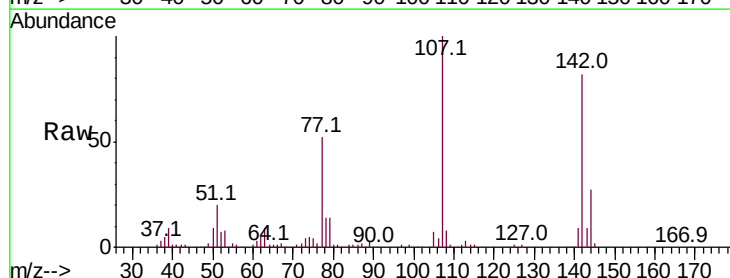
Tgt Ion:107 Resp: 205758

Ion Ratio Lower Upper

107 100

144 26.8 22.2 33.2

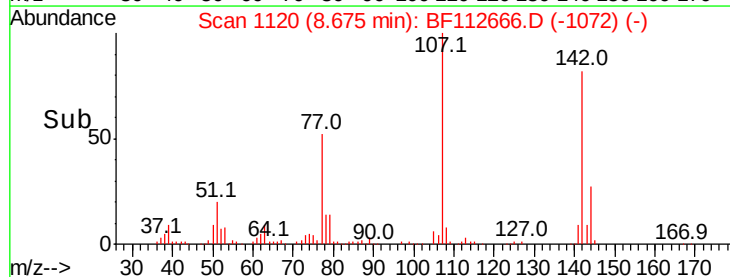
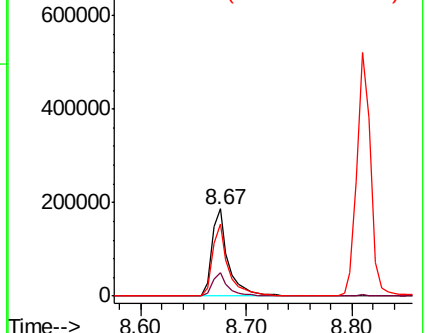
142 82.0 67.7 101.5

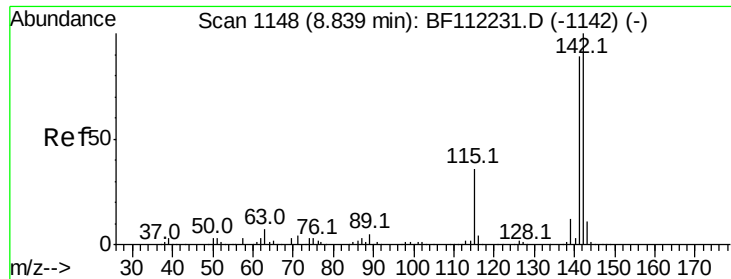


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





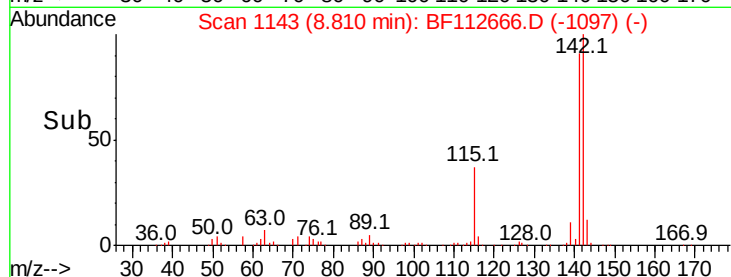
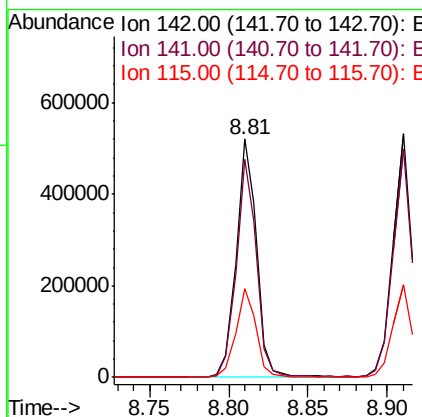
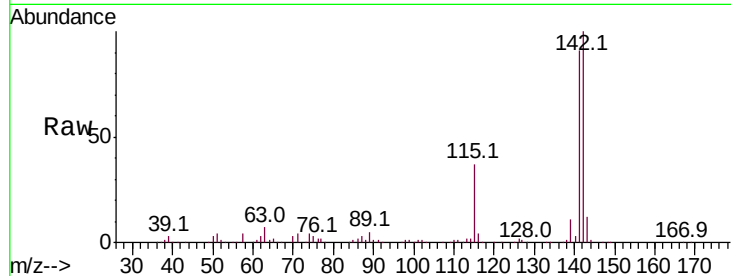
#37
2-Methylnaphthalene
Concen: 46.701 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Instrument :
BNA_F
ClientSampleId :
PB117296BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	461472		
141	91.4	70.9	106.3	
115	37.3	24.9	37.3	

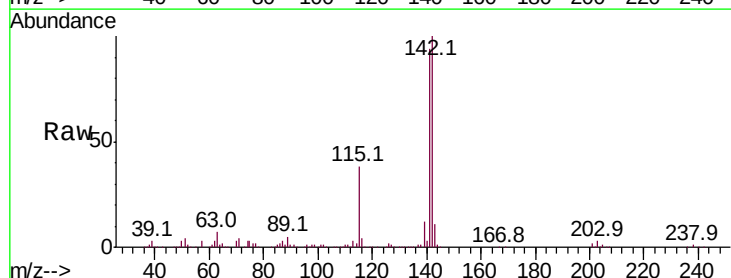
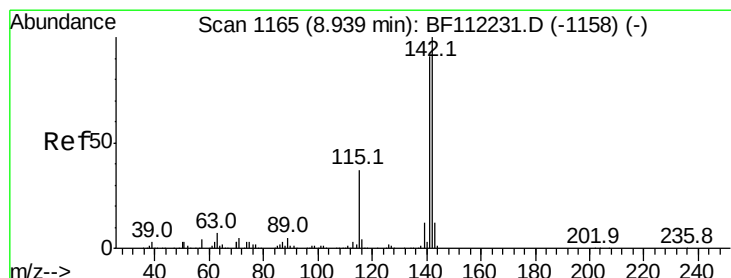
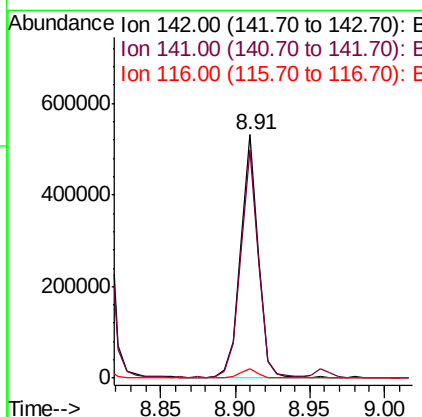
Manual Integrations
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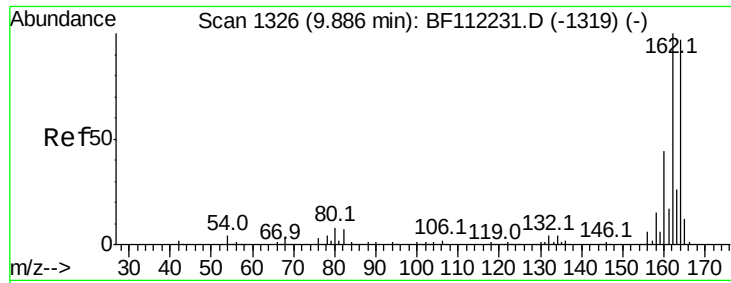
Sohil
2/25/2019 9:21:01 AM



#38
1-Methylnaphthalene
Concen: 45.971 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.03 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	435401		
141	93.6	72.6	108.8	
116	3.9	2.8	4.2	





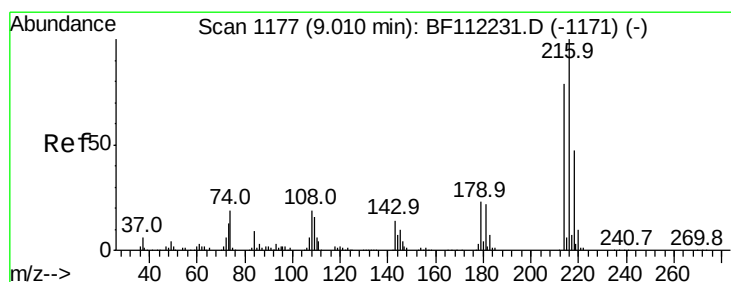
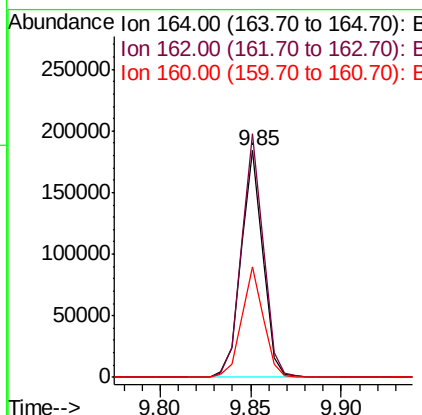
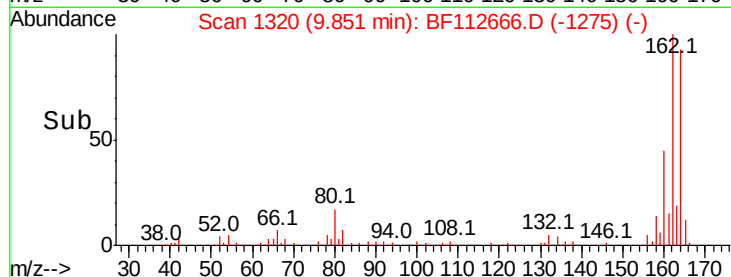
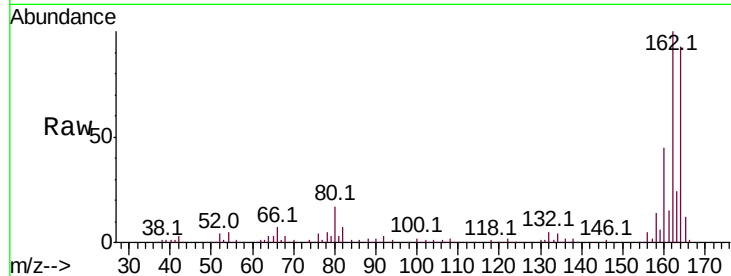
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Instrument :
BNA_F
ClientSampled :
PB117296BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	107.4	82.2	123.4	
160	48.5	36.2	54.4	

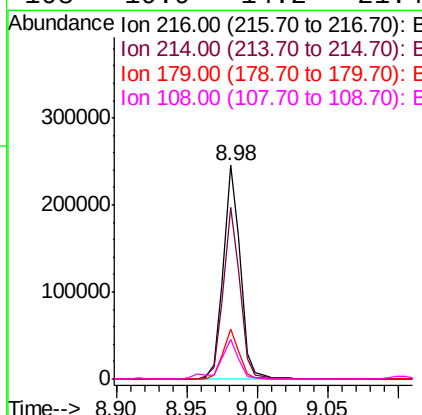
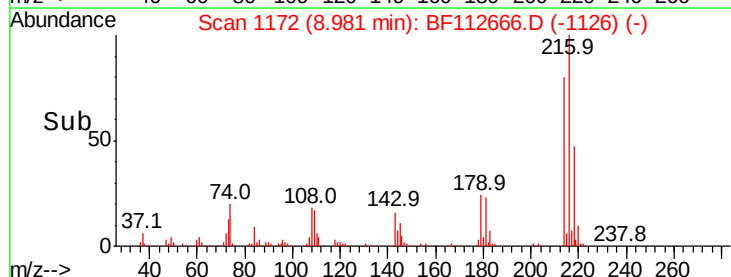
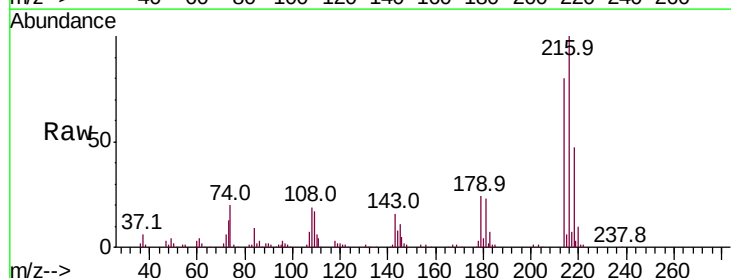
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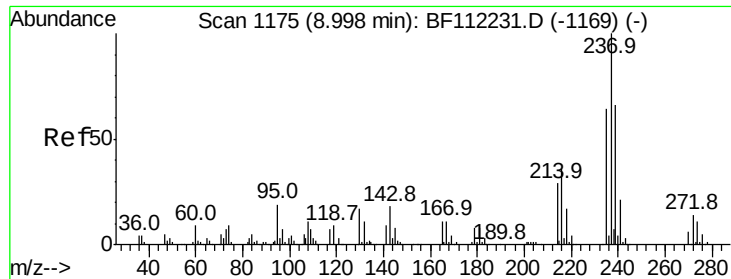
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.781 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.03 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	63.8	95.6	
179	22.5	16.9	25.3	
108	19.9	14.2	21.4	





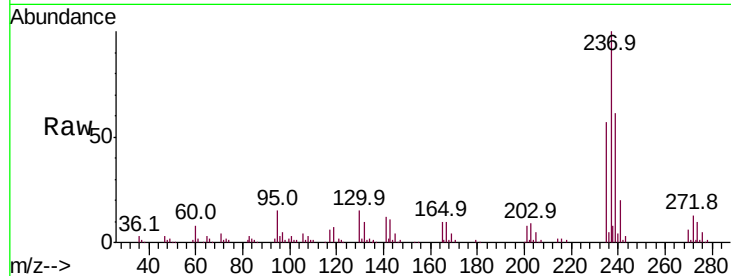
#41
Hexachlorocyclopentadiene
Concen: 54.584 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.04 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Instrument :
BNA_F
ClientSampleId :
PB117296BSD

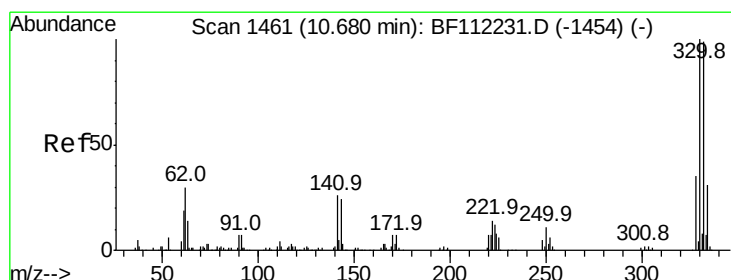
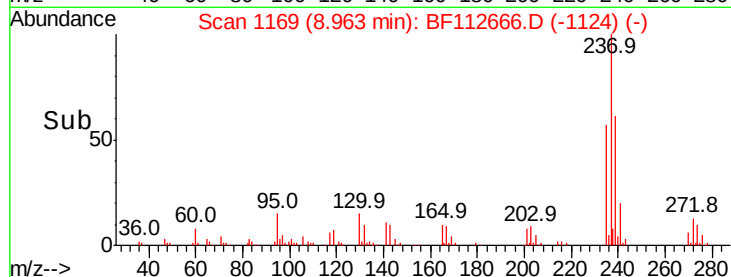
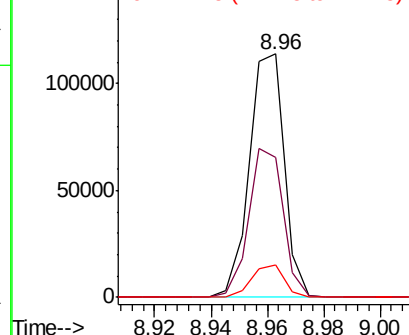
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	57.3	44.0	84.0
272	13.4	0.0	33.3

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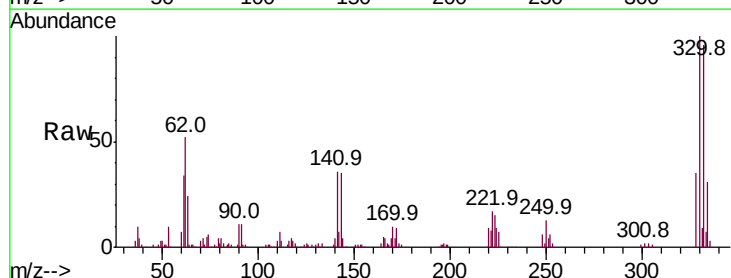


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

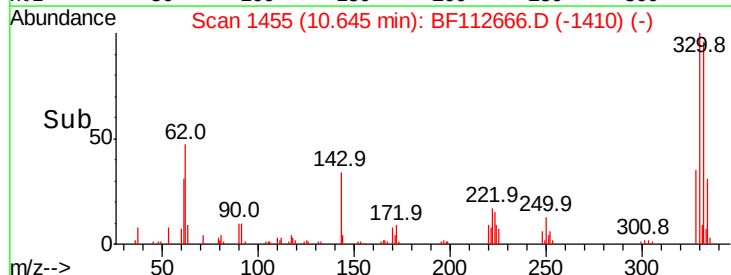
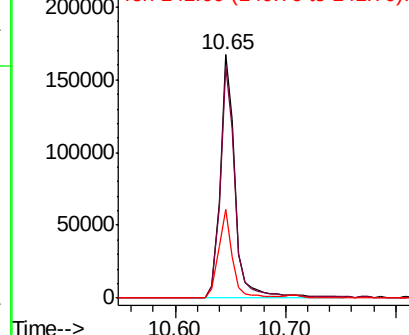


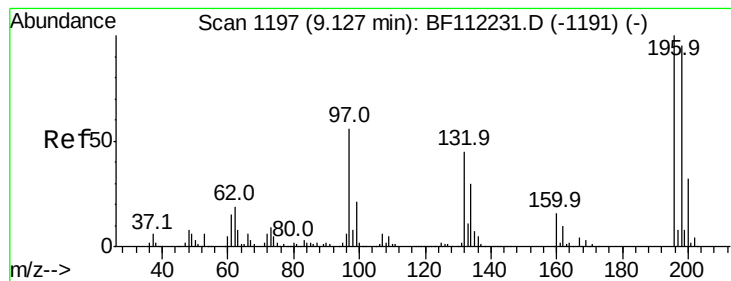
#42
2,4,6-Tribromophenol
Concen: 86.814 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.04 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.4	76.6	114.8
141	34.0	24.3	36.5



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





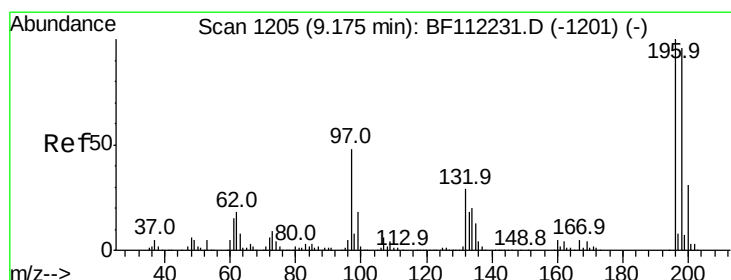
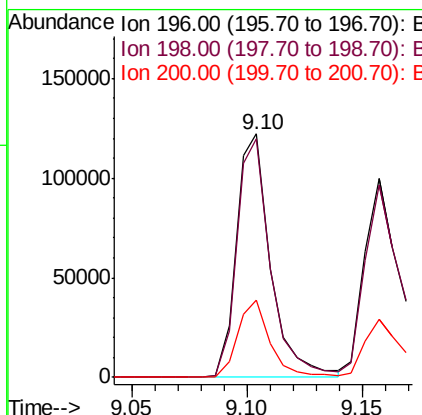
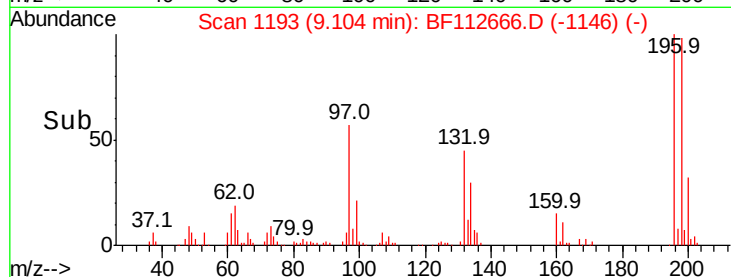
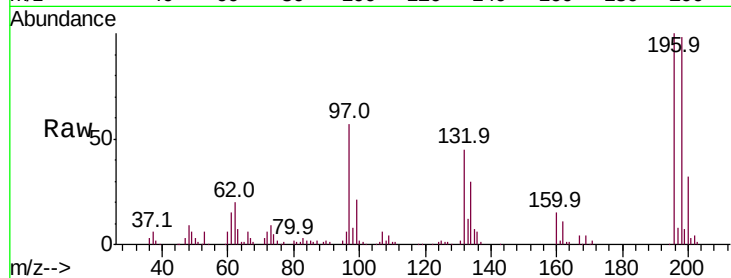
#43
 2,4,6-Trichlorophenol
 Concen: 40.500 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BF112666.D
 Acq: 22 Feb 2019 16:08

Instrument :
 BNA_F
 ClientSampleId :
 PB117296BSD

Tot Ion:	196	Resp:	126092
Ion Ratio	Lower	Upper	
196	100		
198	98.0	76.2	114.4
200	31.8	24.3	36.5

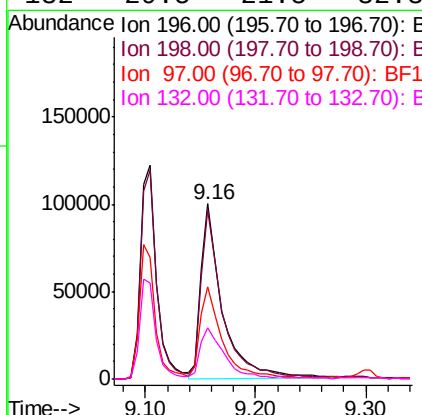
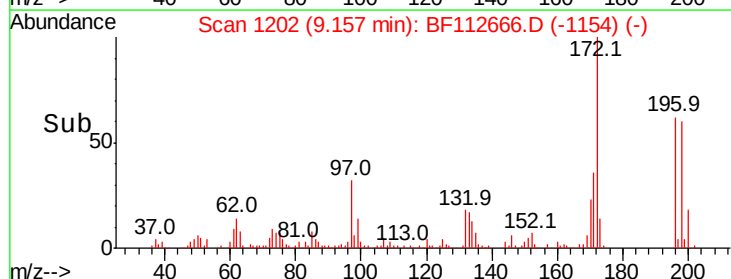
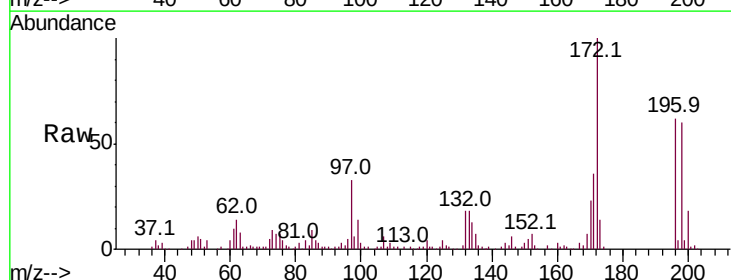
Manual Integrations
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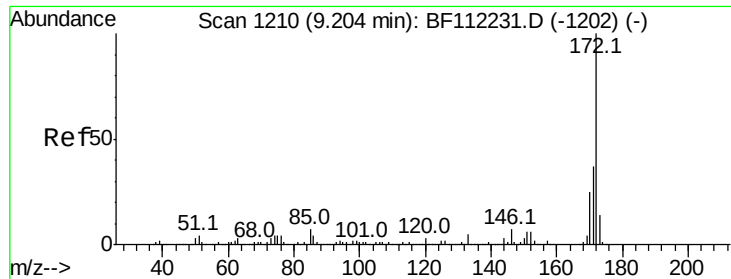
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#44
 2,4,5-Trichlorophenol
 Concen: 39.879 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF112666.D
 Acq: 22 Feb 2019 16:08

Tgt Ion:	196	Resp:	129761
Ion Ratio	Lower	Upper	
196	100		
198	96.8	76.0	114.0
97	52.6	36.4	54.6
132	29.5	21.5	32.3





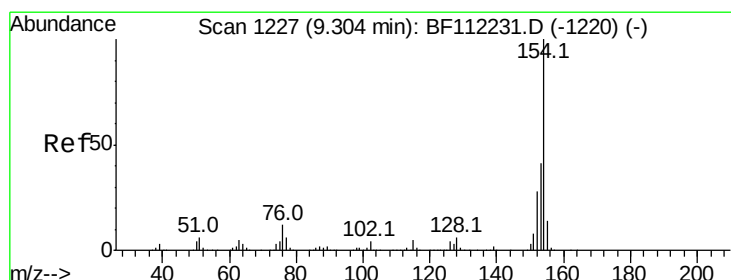
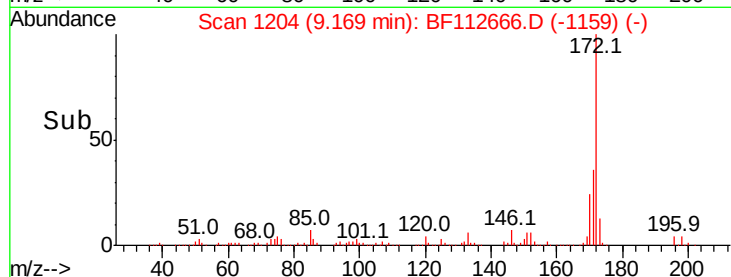
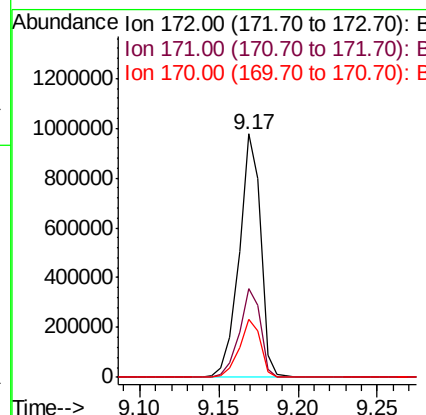
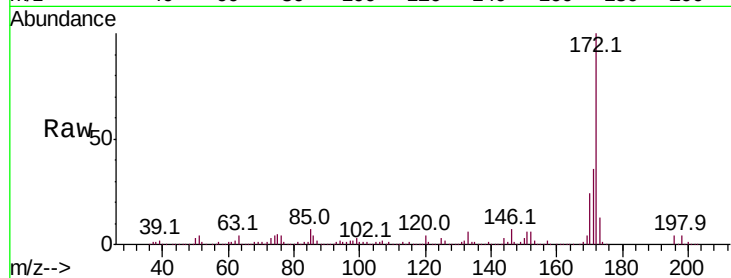
#45
2-Fluorobiphenyl
Concen: 84.333 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.04 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Instrument :
BNA_F
ClientSampleId :
PB117296BSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.4		30.5	45.7
170	23.8		20.2	30.4

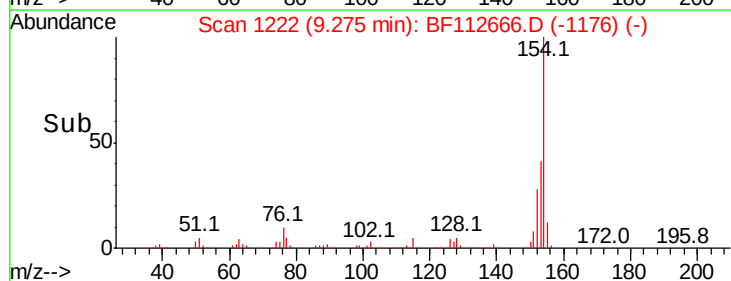
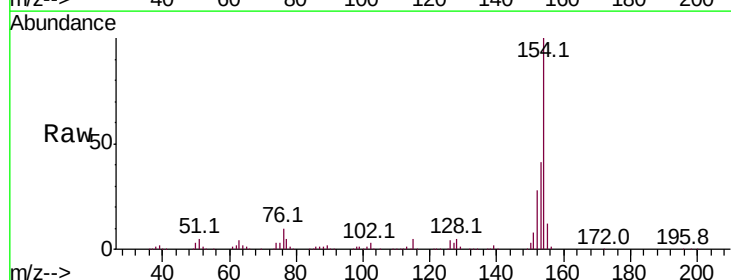
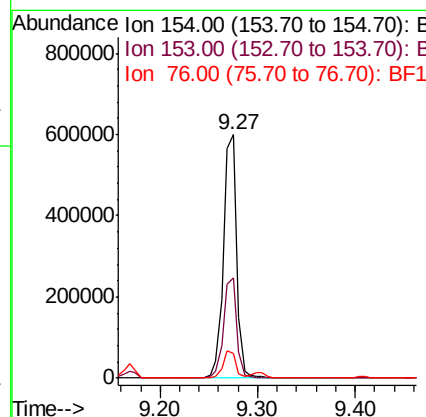
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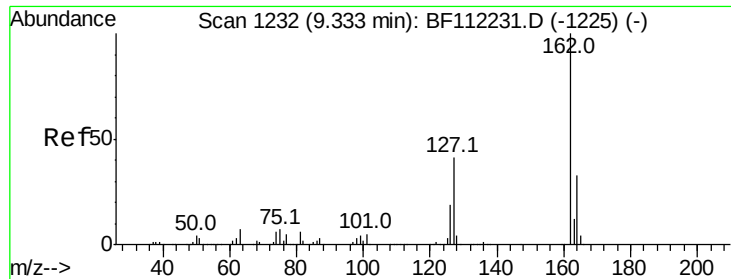
Sohil
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#46
1,1'-Biphenyl
Concen: 41.977 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.03 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.2		21.5	61.5
76	10.4		0.0	33.1





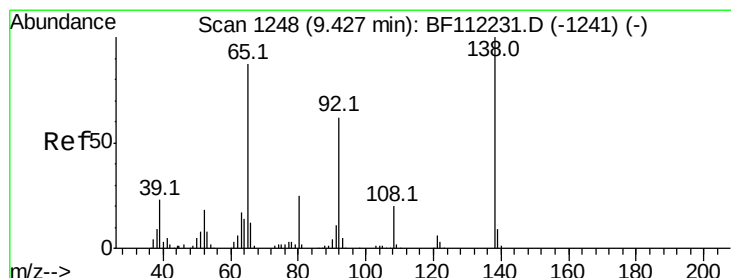
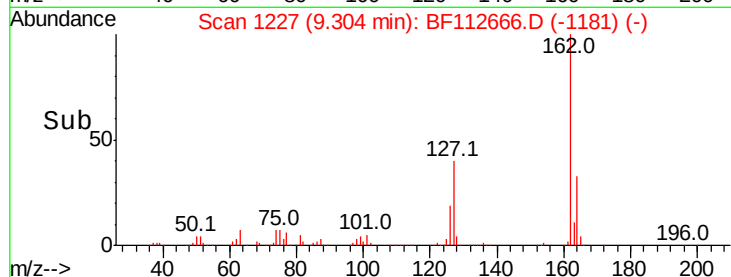
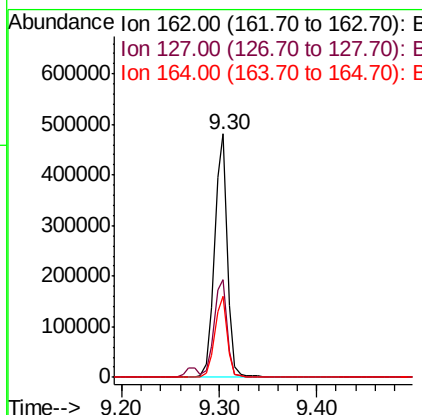
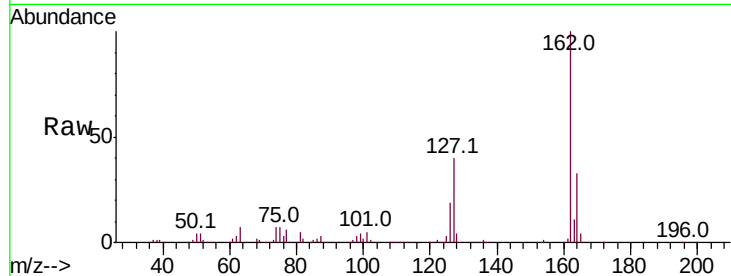
#47
 2-Chloronaphthalene
 Concen: 41.684 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.03 min
 Lab File: BF112666.D
 Acq: 22 Feb 2019 16:08

Instrument :
 BNA_F
 ClientSampleId :
 PB117296BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.3	30.4	45.6	
164	33.0	27.4	41.2	

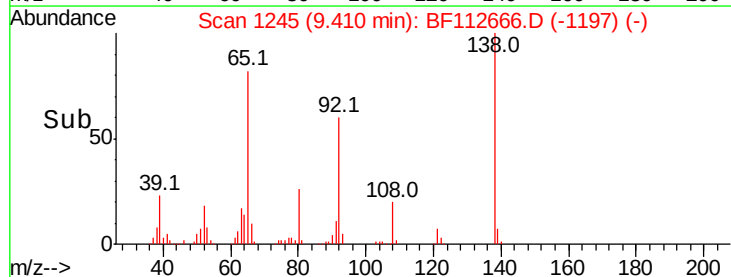
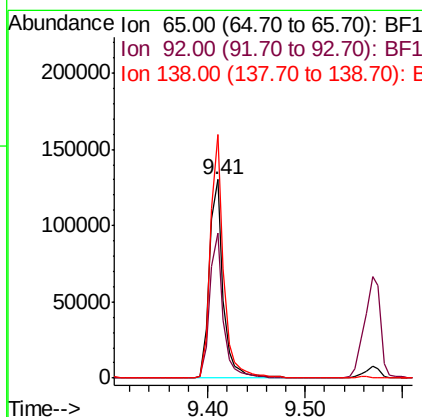
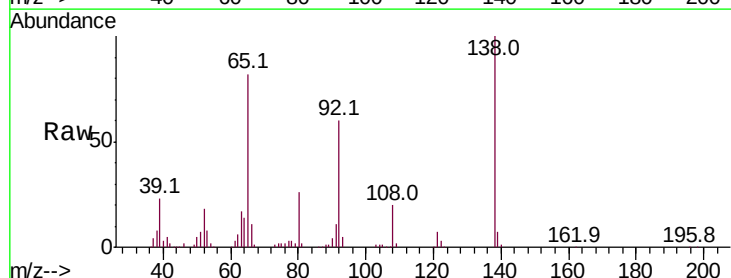
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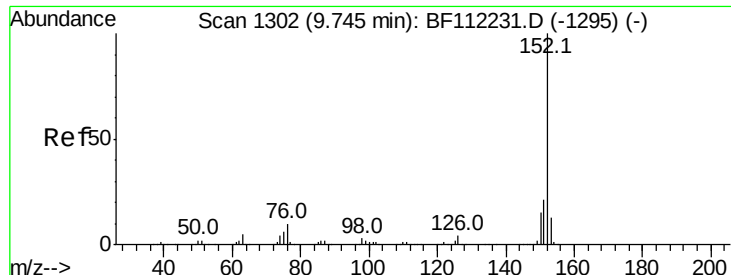
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#48
 2-Nitroaniline
 Concen: 45.186 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. -0.02 min
 Lab File: BF112666.D
 Acq: 22 Feb 2019 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	73.4	60.4	90.6	
138	122.6	104.4	156.6	





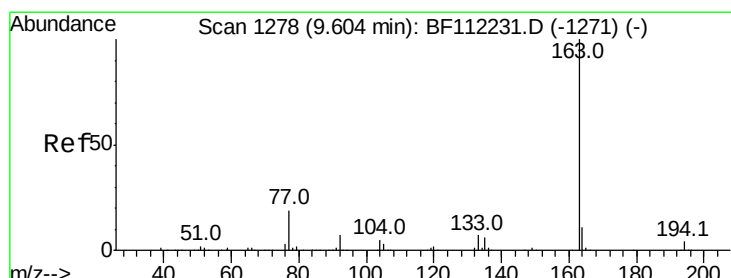
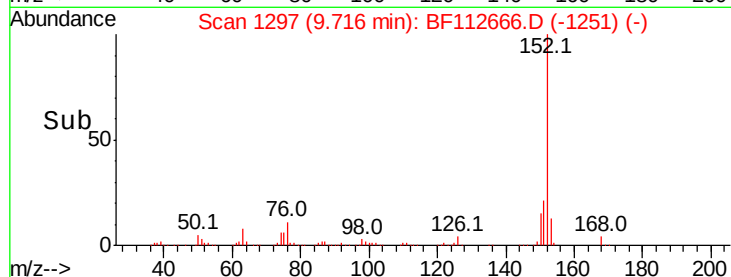
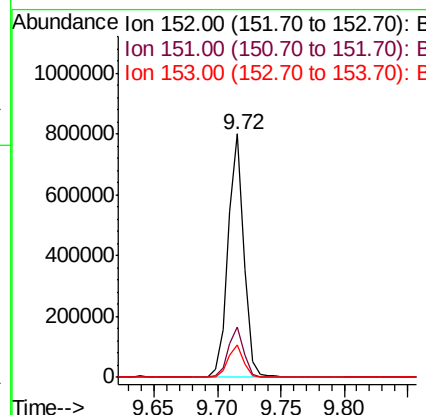
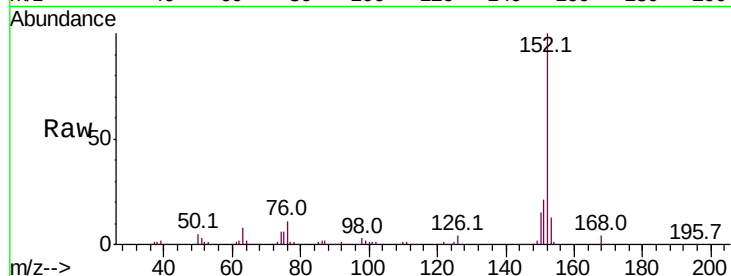
#49
Acenaphthylene
Concen: 45.362 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.03 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Instrument :
BNA_F
ClientSampleID :
PB117296BSD

Tot Ion	Ratio	Resp	Lower	Upper
152	100	693385		
151	20.9		17.0	25.6
153	13.1		11.2	16.8

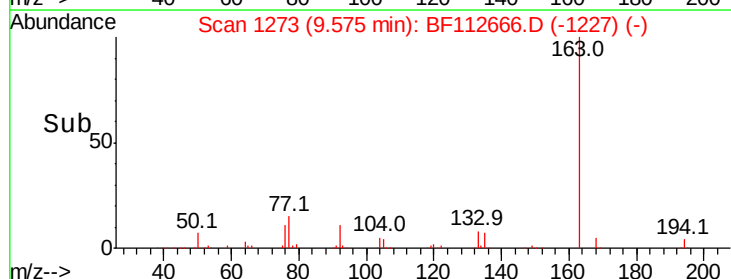
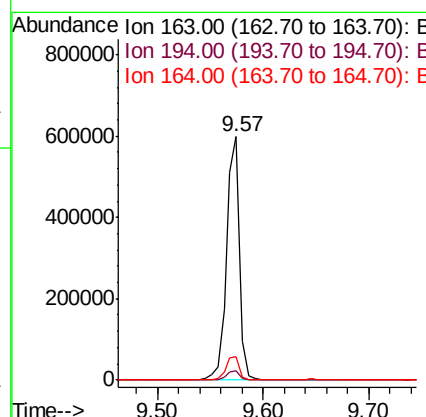
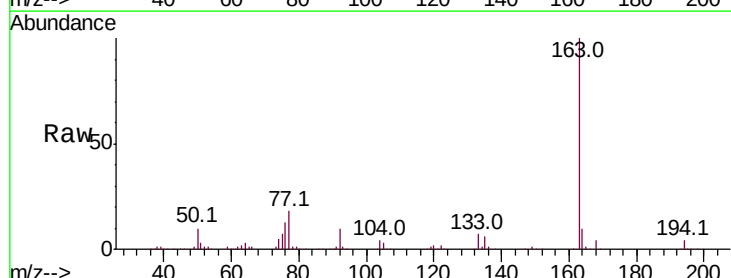
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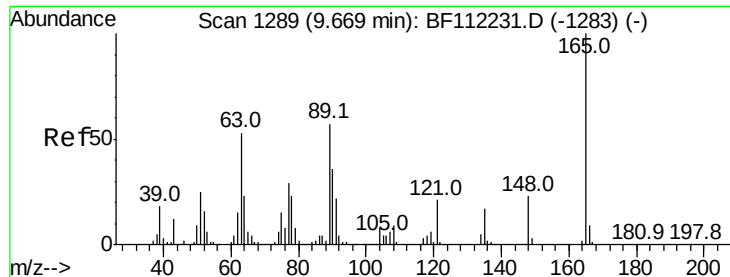
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#50
Dimethylphthalate
Concen: 42.929 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	513088		
194	3.6		3.3	4.9
164	9.8		8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 42.536 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF112666.D

Acq: 22 Feb 2019 16:08

Instrument :

BNA_F

ClientSampleId :

PB117296BSD

Tot Ion:165 Resp: 113858

Ion Ratio Lower Upper

165 100

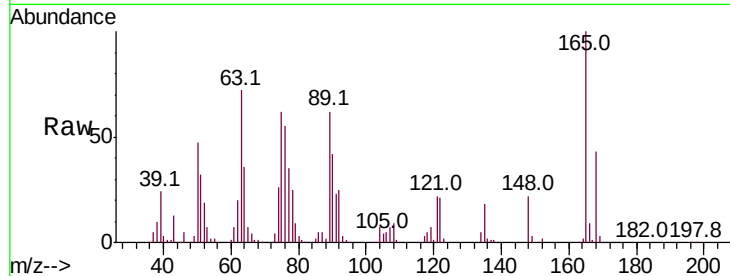
63 71.8 33.8 50.8#

89 61.6 36.9 55.3#

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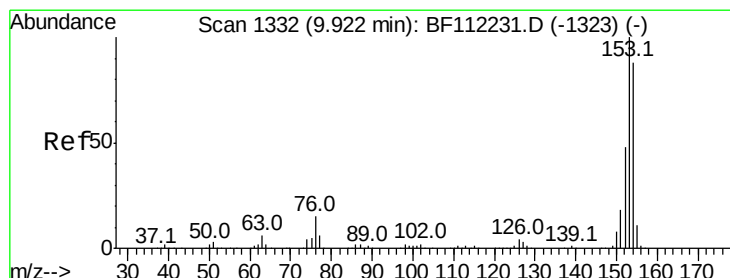
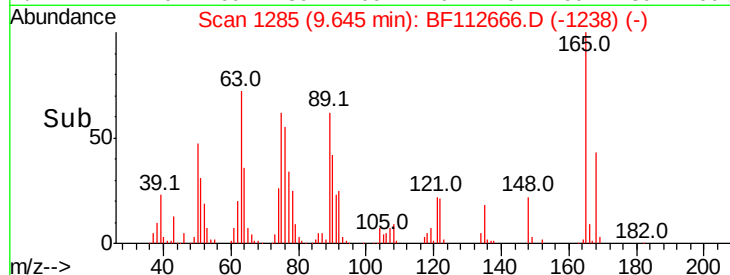
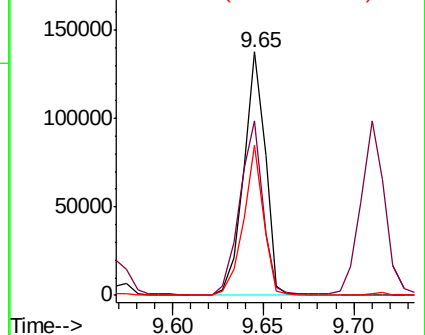
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 44.285 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.04 min

Lab File: BF112666.D

Acq: 22 Feb 2019 16:08

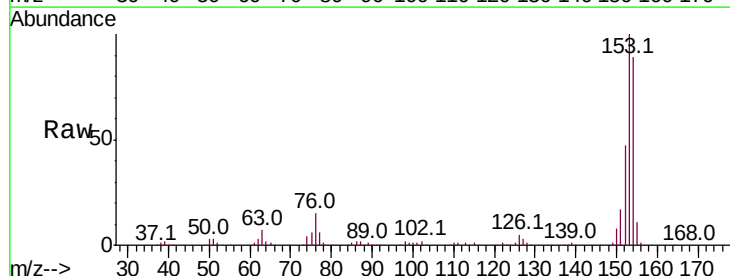
Tgt Ion:154 Resp: 404373

Ion Ratio Lower Upper

154 100

153 112.9 89.8 134.6

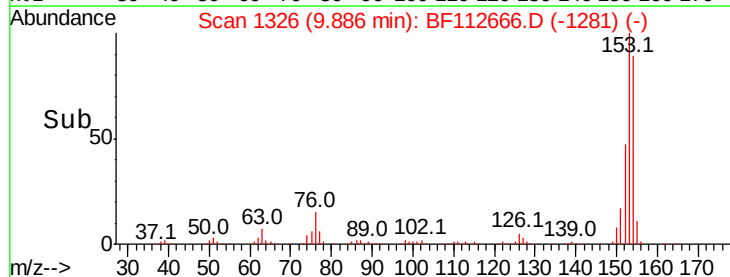
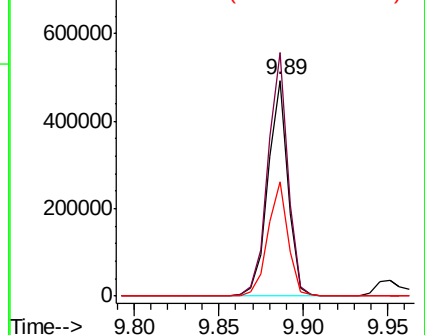
152 53.2 43.5 65.3

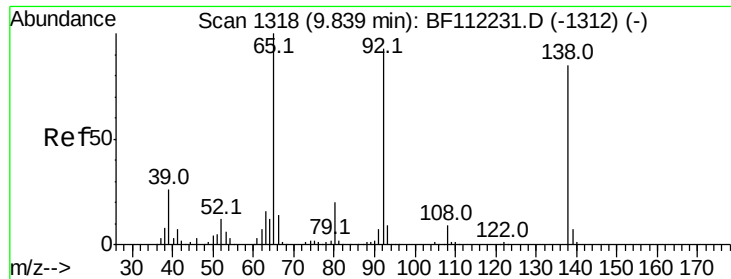


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





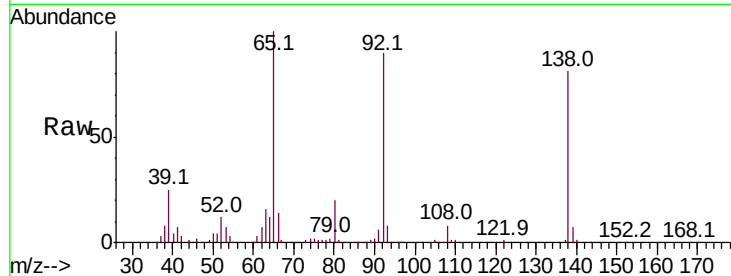
#53
3-Nitroaniline
Concen: 44.235 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Instrument :
BNA_F
ClientSampleId :
PB117296BSD

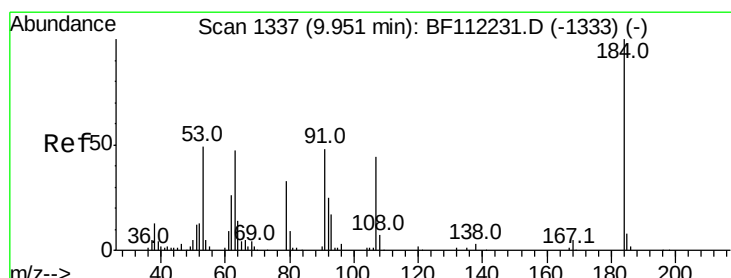
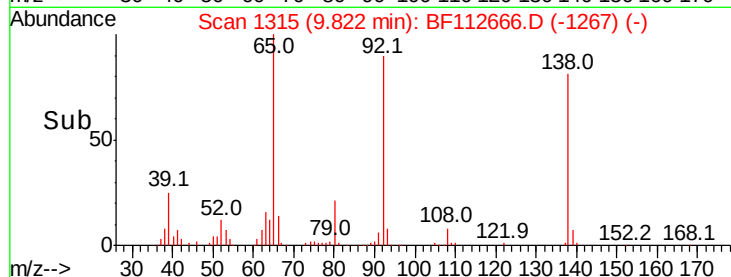
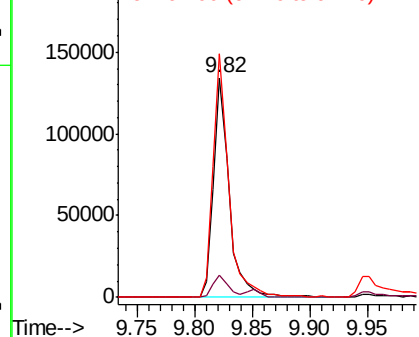
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.8	14.6
92	110.9	79.4	119.2

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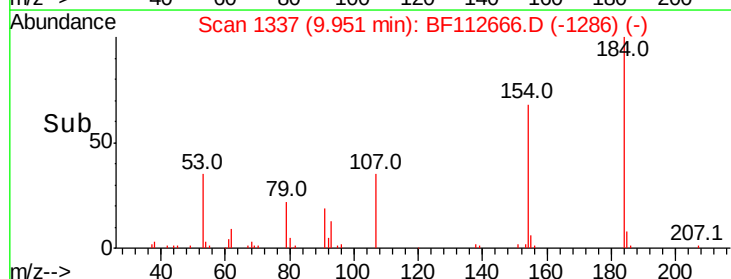
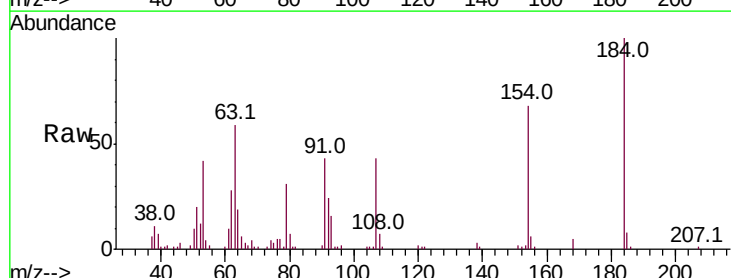
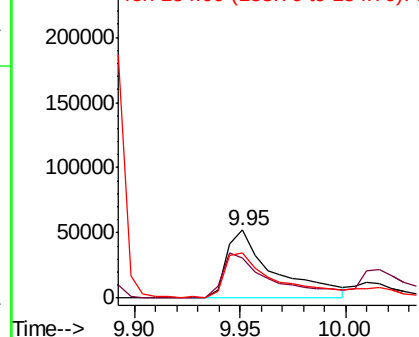
Abundance Ion 138.00 (137.70 to 138.70): E
200000 Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

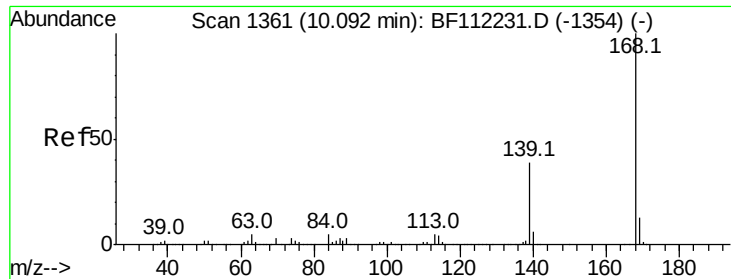


#54
2,4-Dinitrophenol
Concen: 94.778 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.3	47.1	70.7
154	67.5	48.9	73.3

Abundance Ion 184.00 (183.70 to 184.70): E
250000 Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





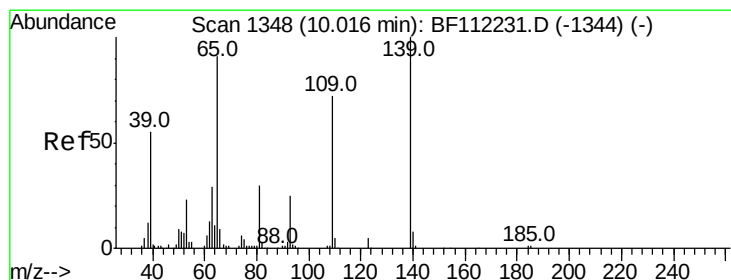
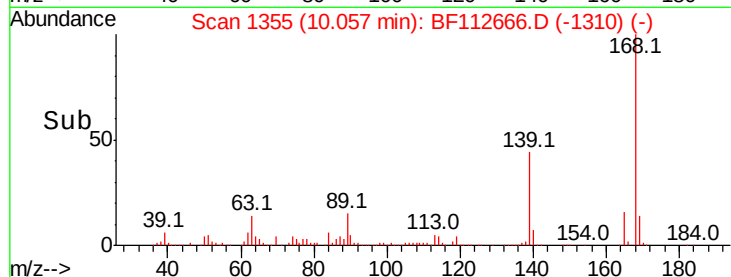
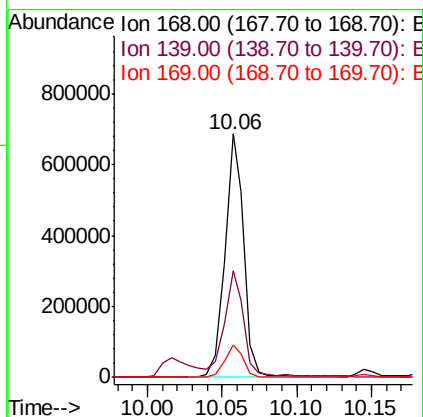
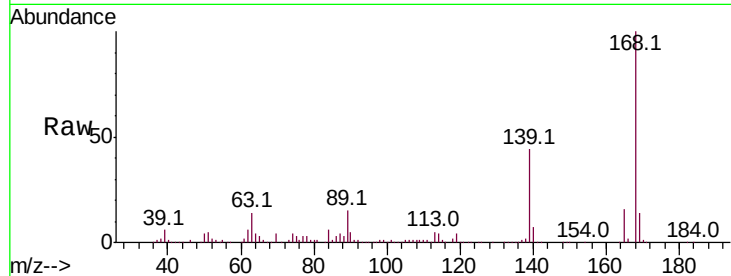
#55
Dibenzenofuran
Concen: 43.703 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.04 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Instrument :
BNA_F
ClientSampleId :
PB117296BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	44.0	29.2	43.8#
169	13.6	11.4	17.0

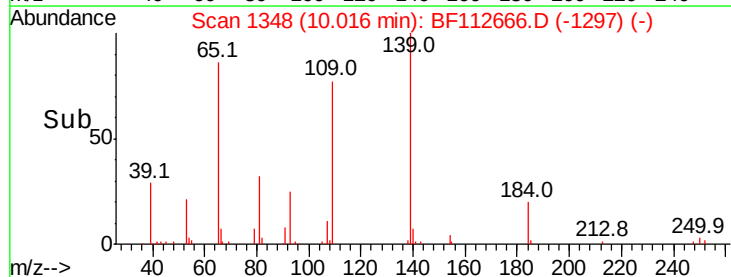
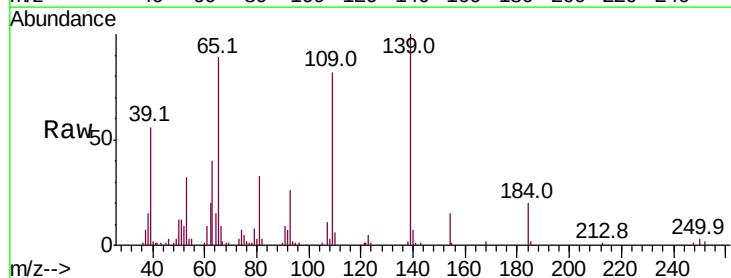
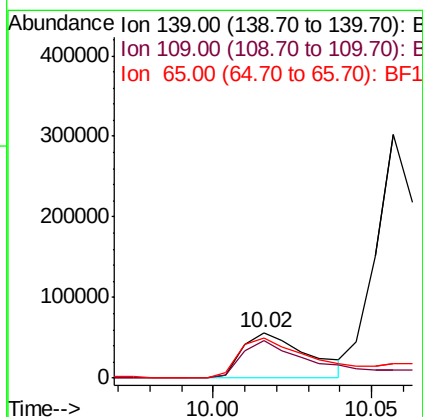
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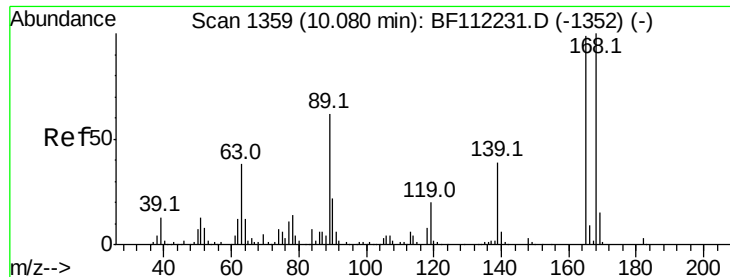
Sohil
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#56
4-Nitrophenol
Concen: 52.445 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	81.6	42.8	82.8
65	88.5	66.1	106.1





#57

2,4-Dinitrotoluene

Concen: 47.211 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.02 min

Lab File: BF112666.D

Acq: 22 Feb 2019 16:08

Instrument :

BNA_F

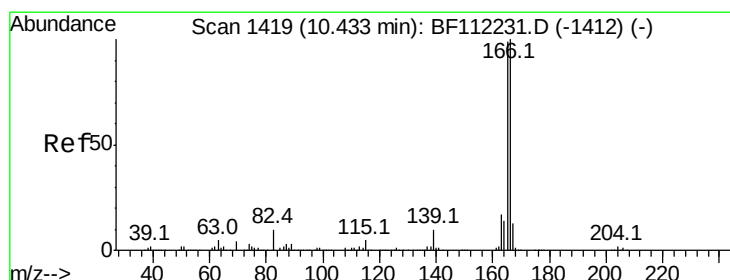
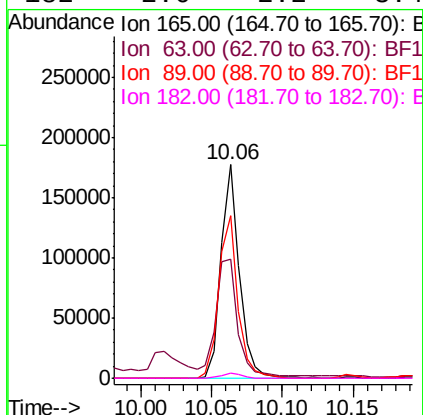
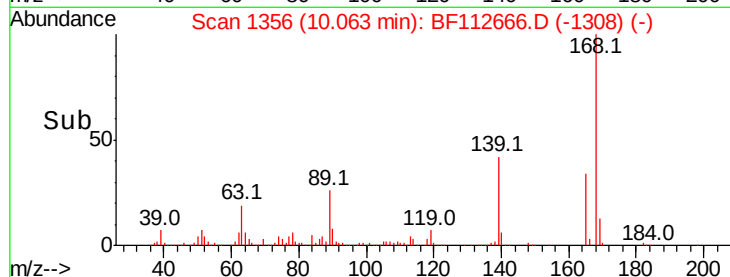
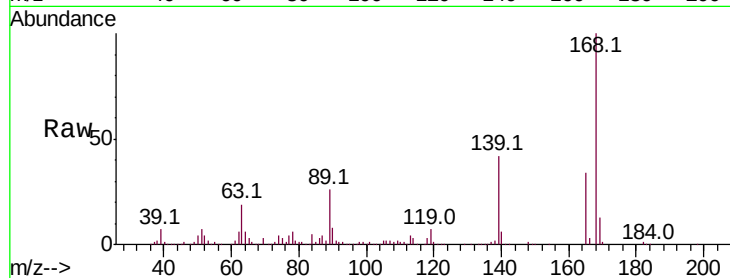
ClientSampleId :

PB117296BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	160883		
63	55.5	27.9	41.9#	
89	76.0	47.9	71.9#	
182	2.6	2.2	3.4	

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#58

Fluorene

Concen: 48.400 ng

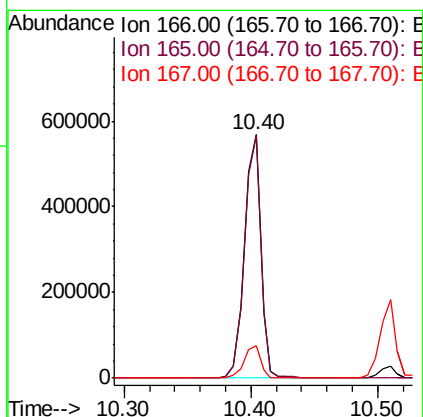
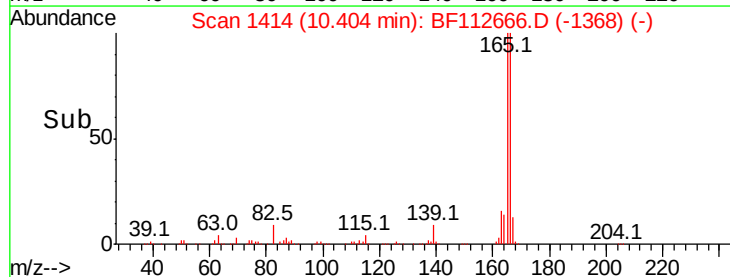
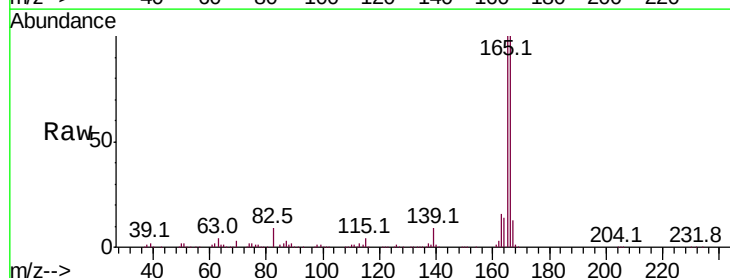
RT: 10.40 min Scan# 1414

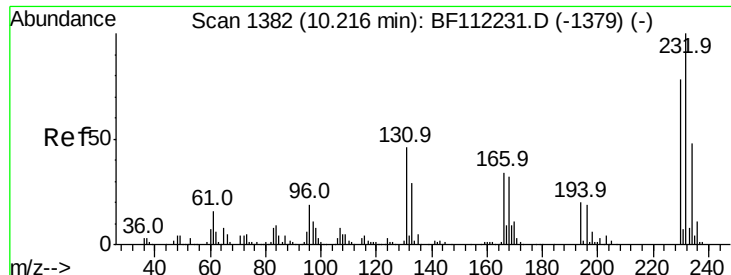
Delta R.T. -0.03 min

Lab File: BF112666.D

Acq: 22 Feb 2019 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	505403		
165	99.8	77.1	115.7	
167	13.1	11.3	16.9	





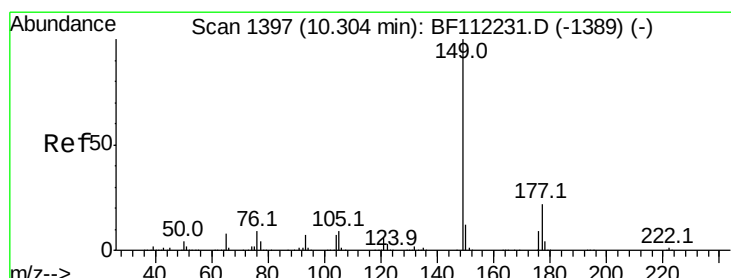
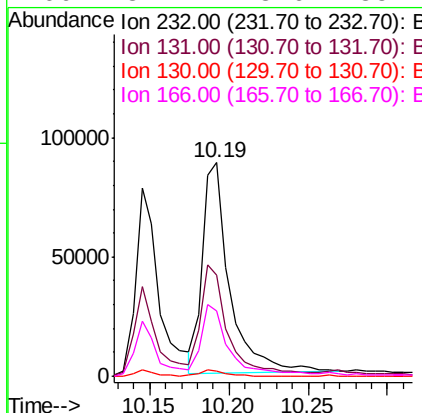
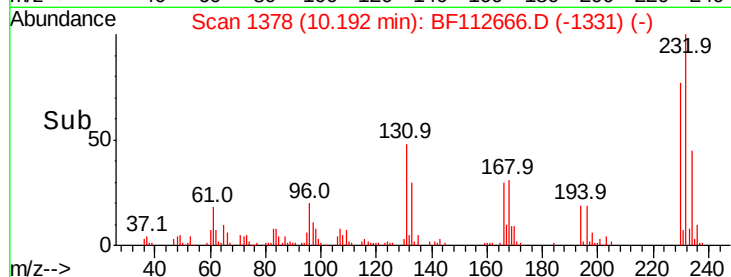
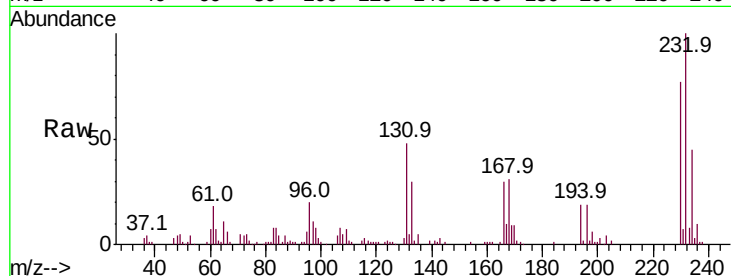
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.768 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Instrument :
BNA_F
ClientSampleId :
PB117296BSD

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	52.4	33.9	50.9#
130	2.8	1.8	2.6#
166	31.1	23.6	35.4

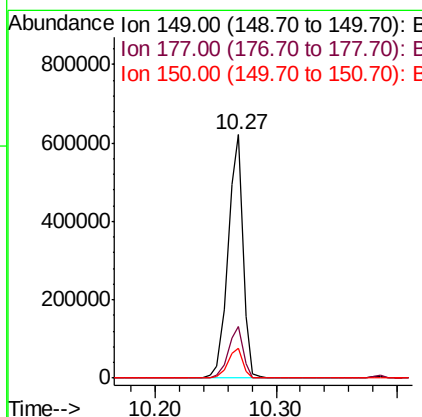
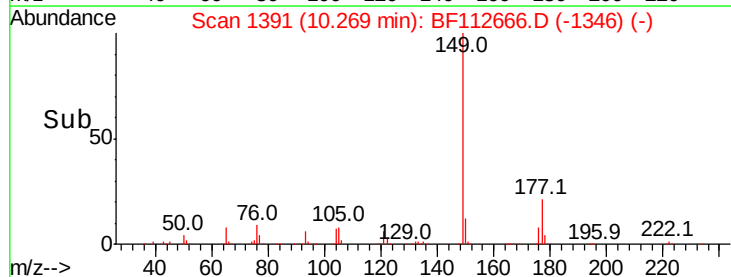
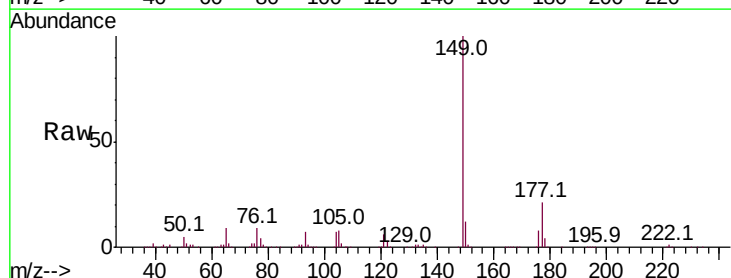
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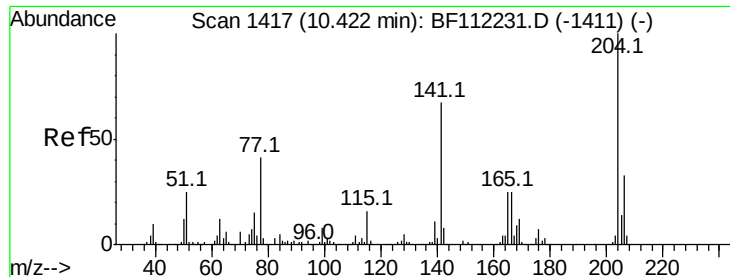
Sohil
2/25/2019 9:21:01 AM



#60
Diethylphthalate
Concen: 44.897 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.04 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	21.2	18.2	27.2
150	12.3	10.4	15.6





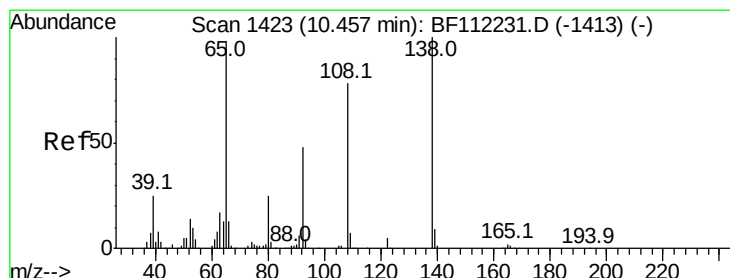
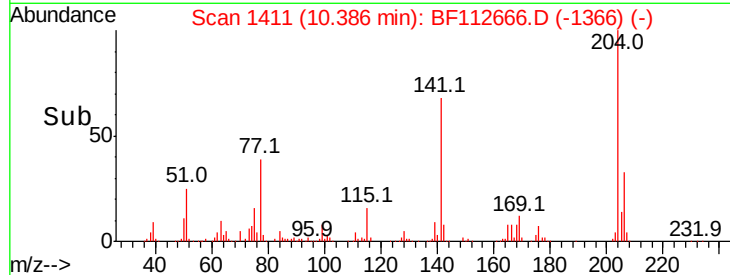
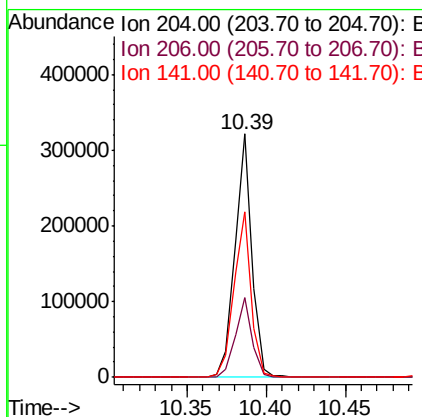
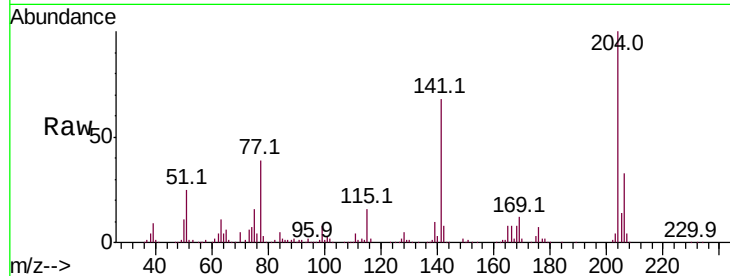
#61
 4-Chlorophenyl-phenylether
 Concen: 42.031 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.04 min
 Lab File: BF112666.D
 Acq: 22 Feb 2019 16:08

Instrument :
 BNA_F
 ClientSampleId :
 PB117296BSD

Tot Ion:	204	Resp:	238747
Ion Ratio	Lower	Upper	
204	100		
206	33.0	26.5	39.7
141	68.2	45.9	68.9

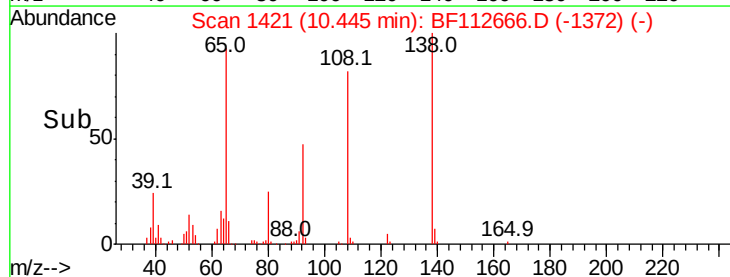
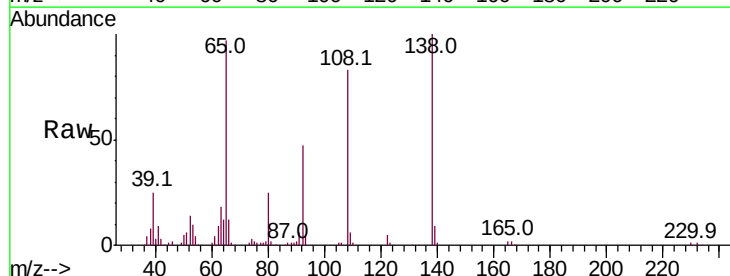
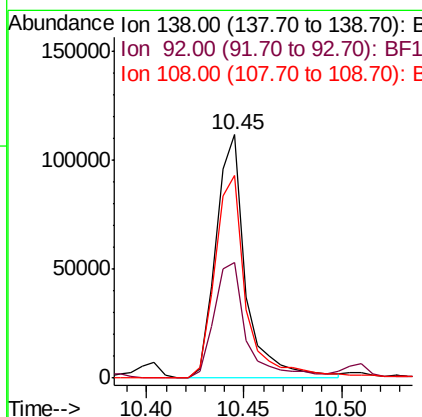
Manual Integrations
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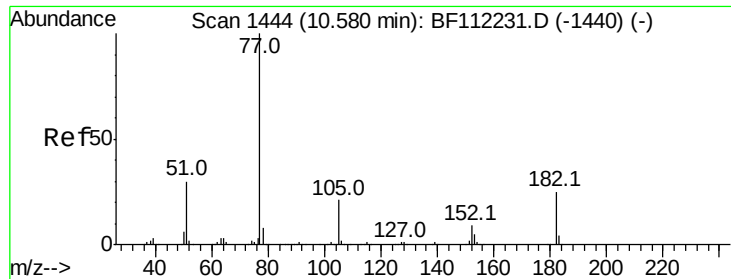
Sohil
 2/25/2019 9:21:01 AM



#62
 4-Nitroaniline
 Concen: 41.759 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF112666.D
 Acq: 22 Feb 2019 16:08

Tgt Ion:	138	Resp:	118780
Ion Ratio	Lower	Upper	
138	100		
92	47.5	30.6	70.6
108	83.1	50.0	90.0





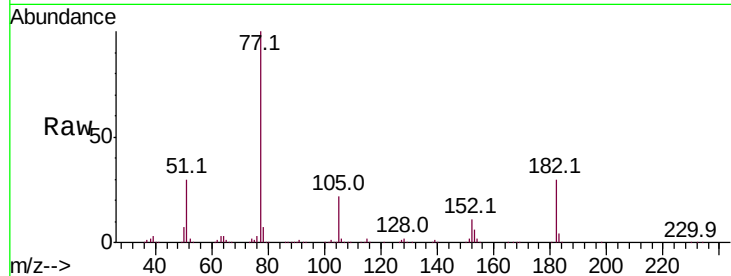
#63
Azobenzene
Concen: 45.094 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.03 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Instrument :
BNA_F
ClientSampleId :
PB117296BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.9	5.7	45.7
105	22.4	1.4	41.4
51	30.1	9.5	49.5

Manual Integrations
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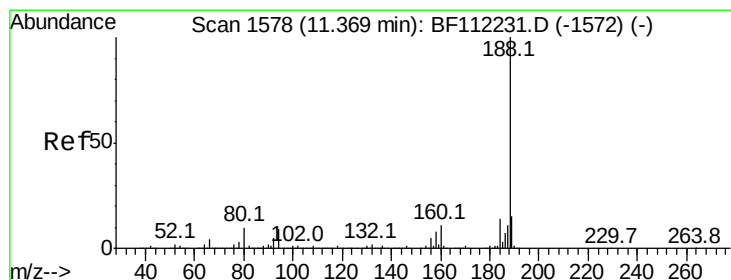
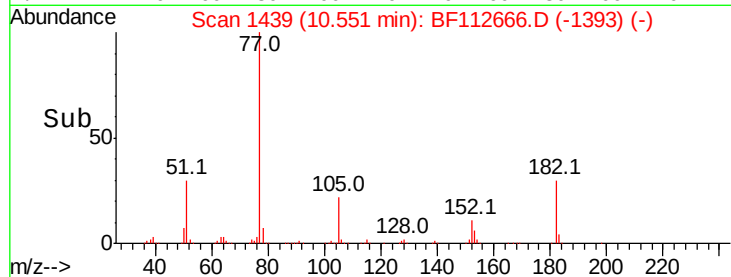
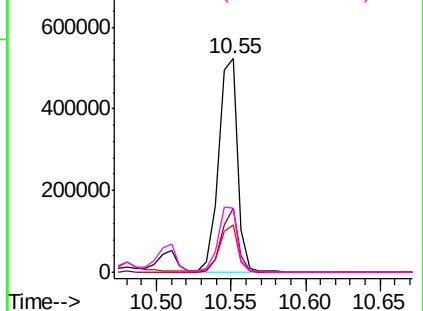
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

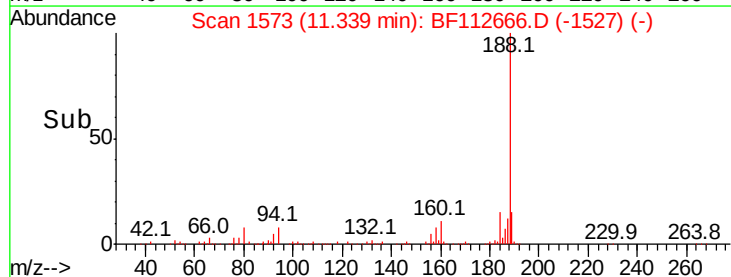
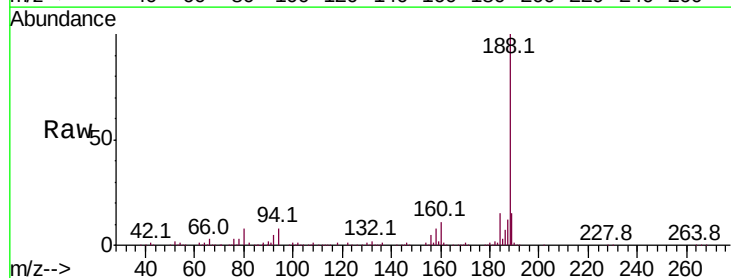
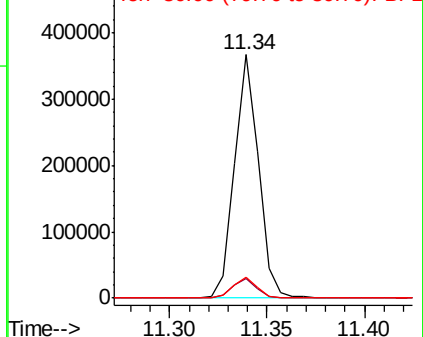
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.2	12.2
80	8.5	8.9	13.3#

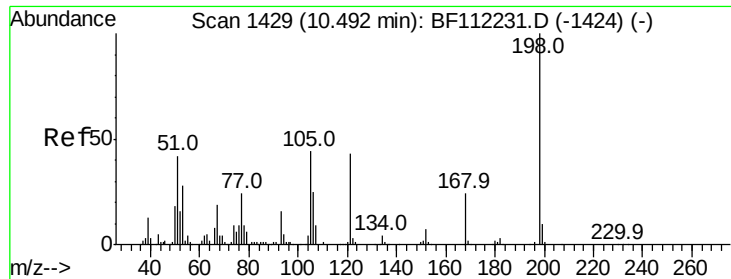
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





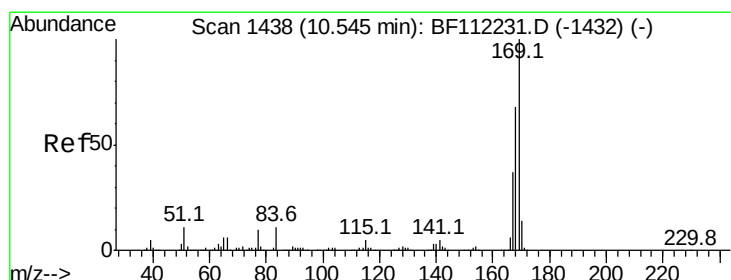
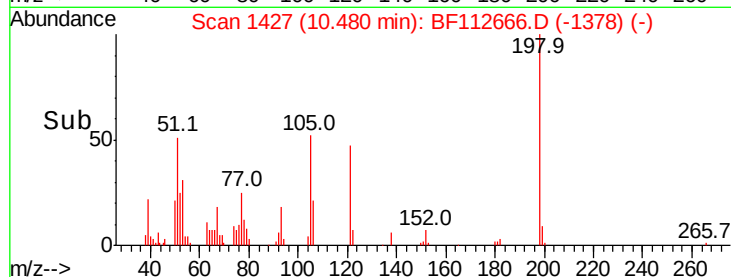
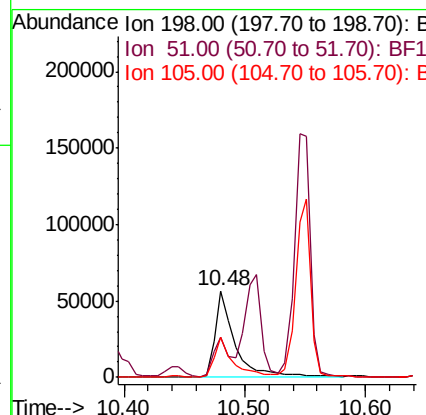
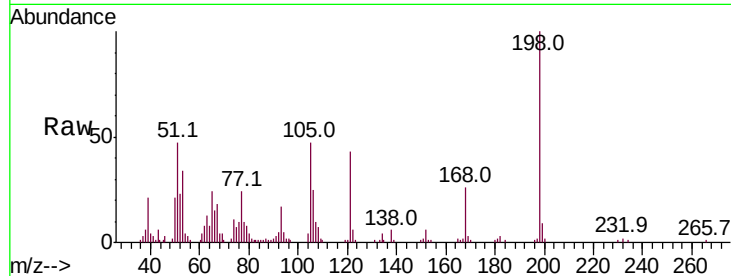
#65
4,6-Dinitro-2-methylphenol
Concen: 36.980 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Instrument :
BNA_F
ClientSampled :
PB117296BSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	46.7	17.2	57.2
105	46.7	21.9	61.9

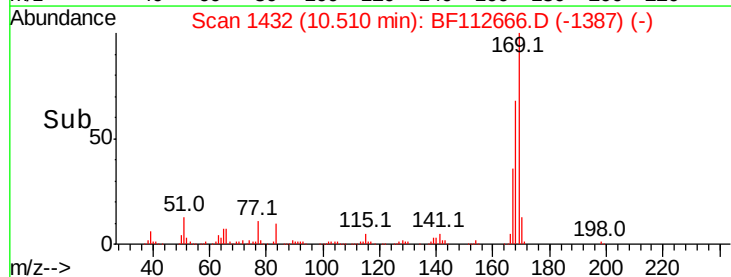
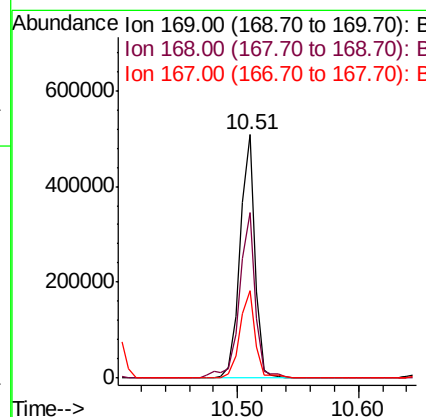
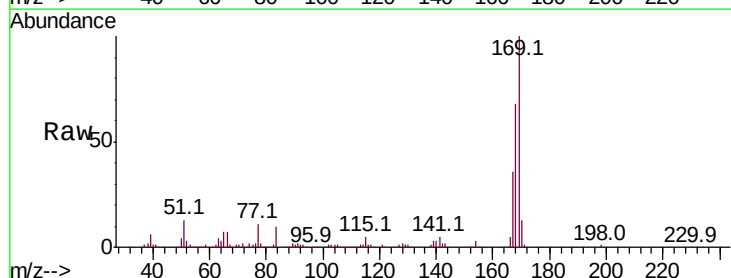
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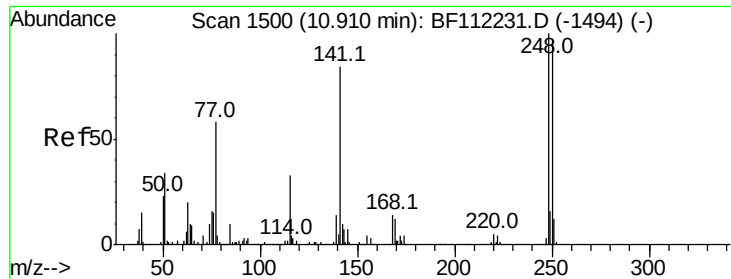
Sohil
2/25/2019 9:21:01 AM



#66
n-Nitrosodiphenylamine
Concen: 41.609 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.04 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.8	53.9	80.9
167	35.8	28.9	43.3





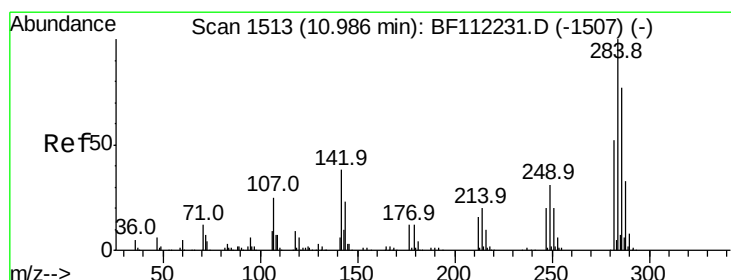
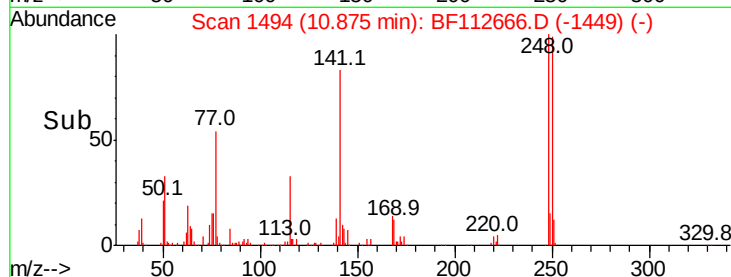
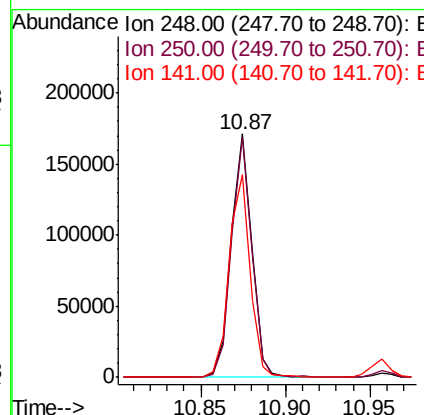
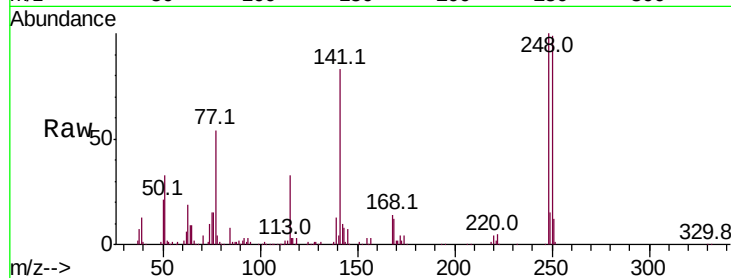
#67
4-Bromophenyl-phenylether
Concen: 39.519 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.04 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Instrument :
BNA_F
ClientSampleId :
PB117296BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	79.7	119.5
141	83.0	60.3	90.5

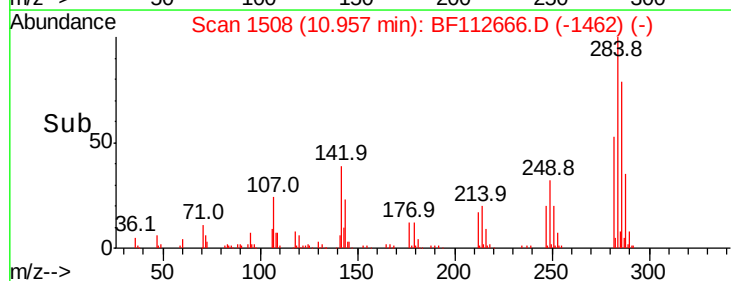
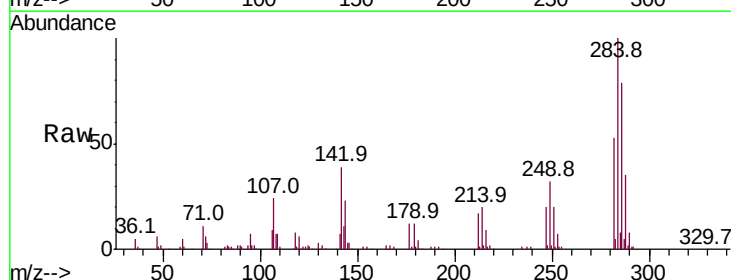
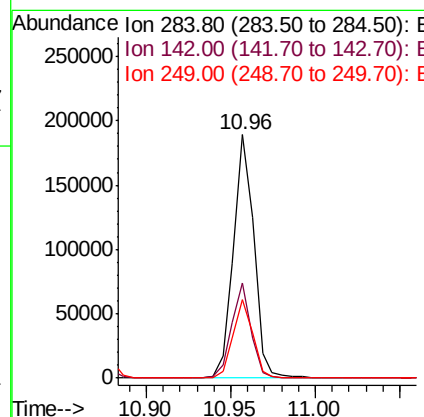
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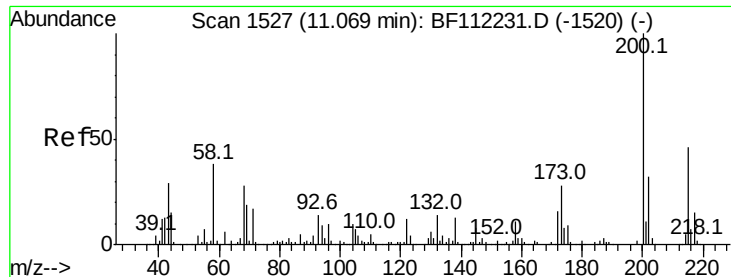
Sohil
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#68
Hexachlorobenzene
Concen: 40.161 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.03 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.9	27.6	41.4
249	32.0	24.1	36.1





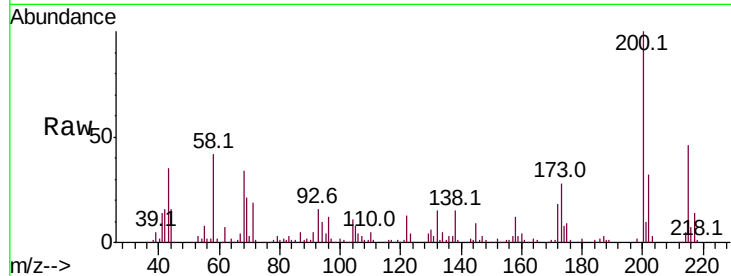
#69
Atrazine
Concen: 38.996 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.04 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Instrument :
BNA_F
ClientSampleId :
PB117296BSD

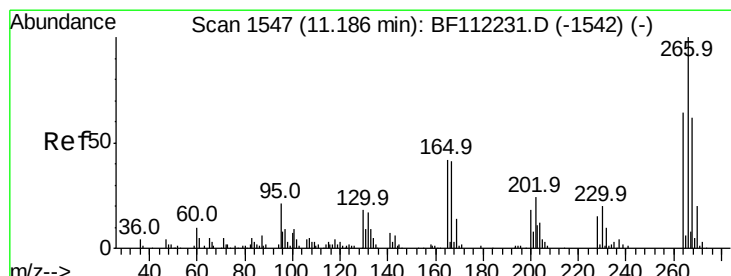
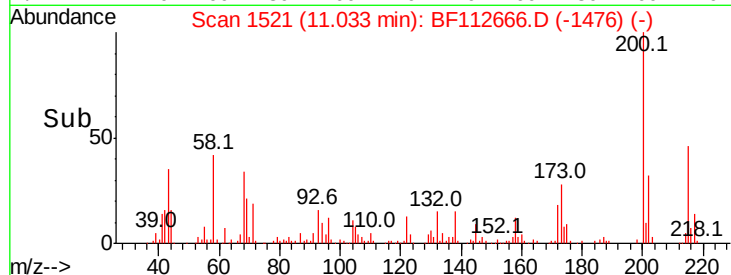
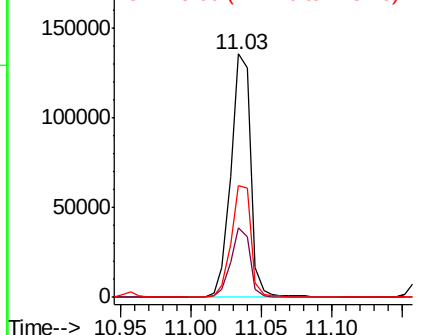
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	7.1	47.1
215	45.7	30.4	70.4

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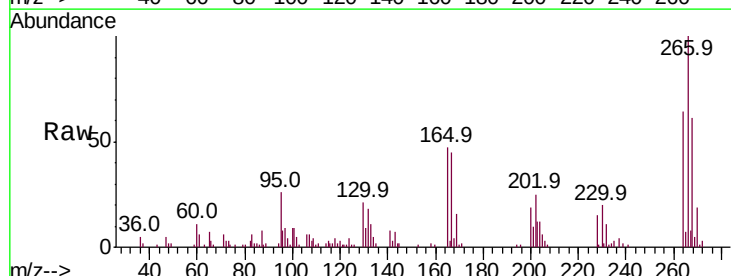


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

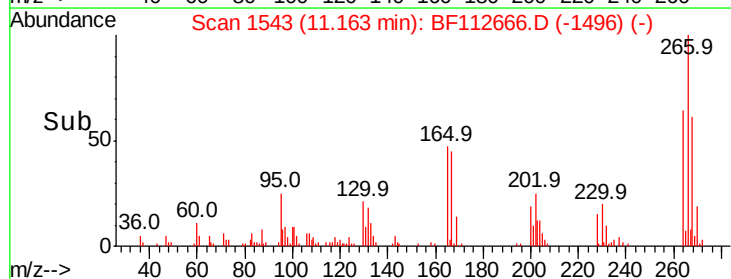
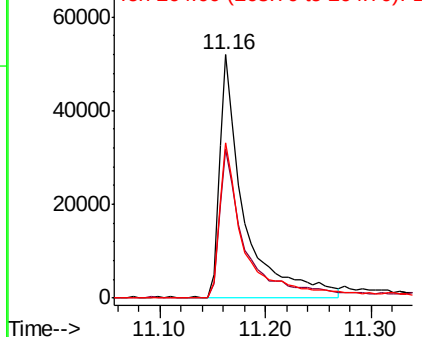


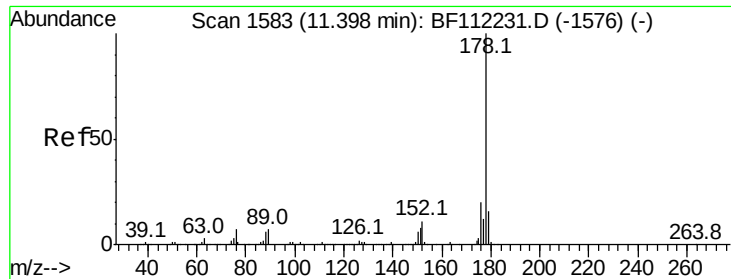
#70
Pentachlorophenol
Concen: 55.108 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.02 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.1	51.2	76.8
264	63.7	50.9	76.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





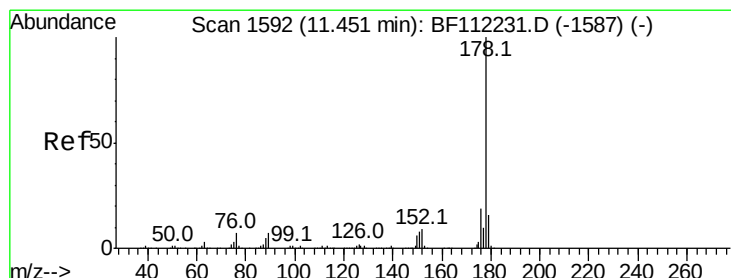
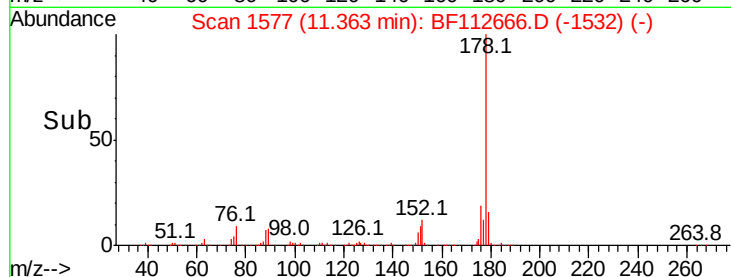
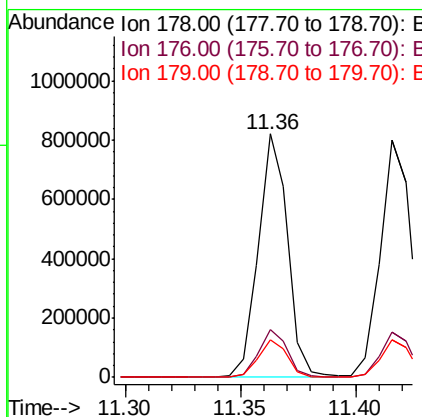
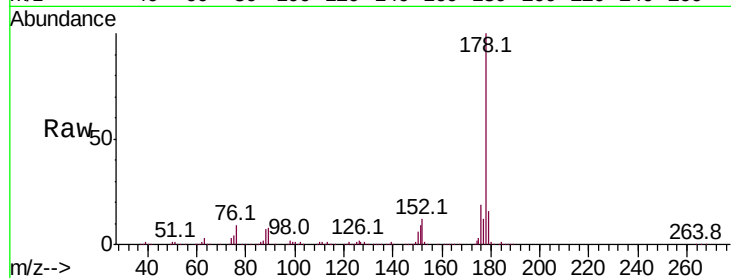
#71
Phenanthrene
Concen: 44.607 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.04 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Instrument :
BNA_F
ClientSampled :
PB117296BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.3	24.5
179	15.5	13.0	19.4

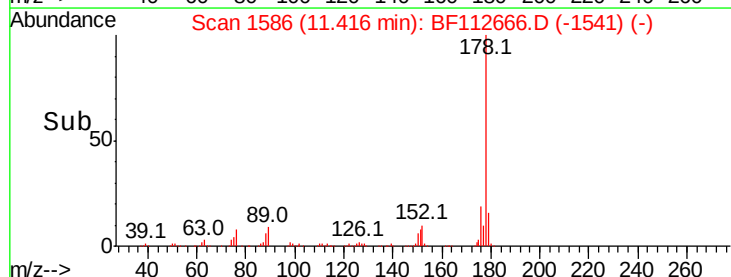
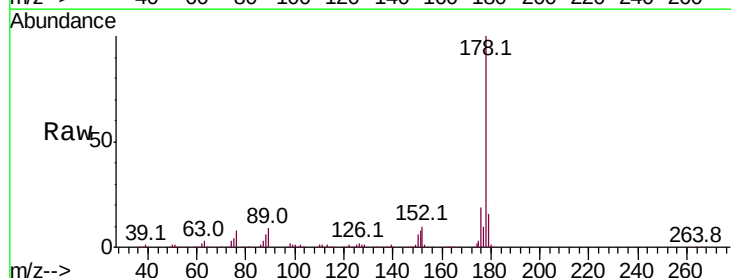
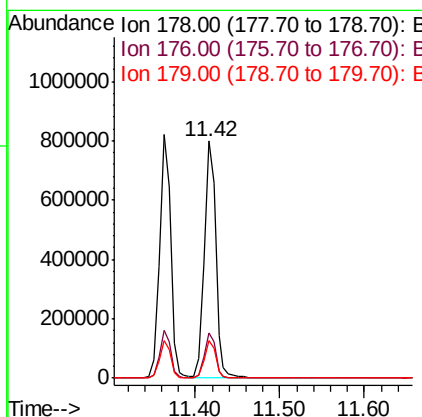
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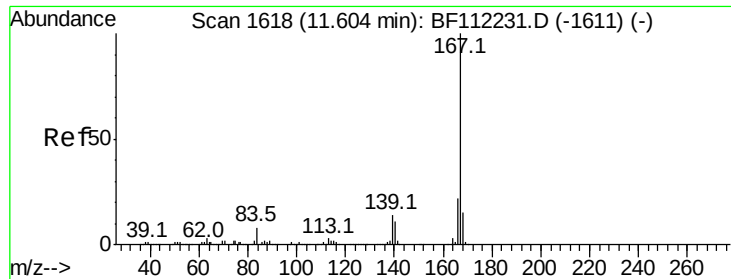
Sohil
2/25/2019 9:21:01 AM



#72
Anthracene
Concen: 46.620 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.04 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.9	12.8	19.2





#73

Carbazole

Concen: 42.028 ng

RT: 11.57 min Scan# 1613

Delta R.T. -0.03 min

Lab File: BF112666.D

Acq: 22 Feb 2019 16:08

Instrument :

BNA_F

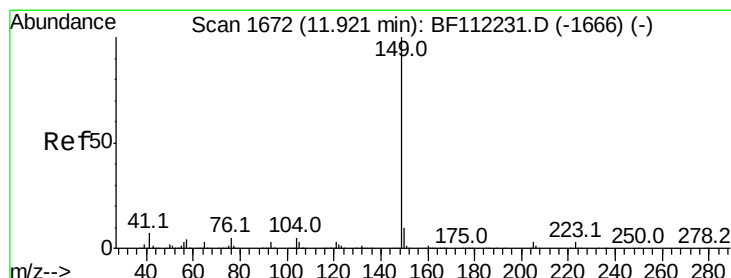
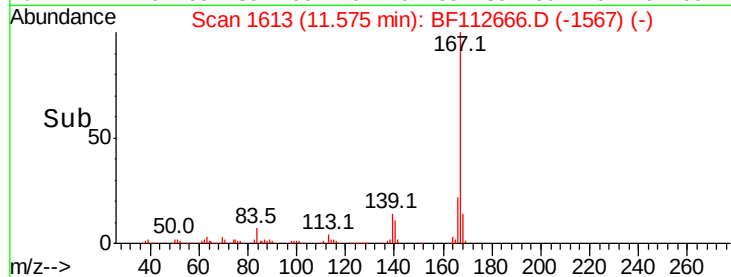
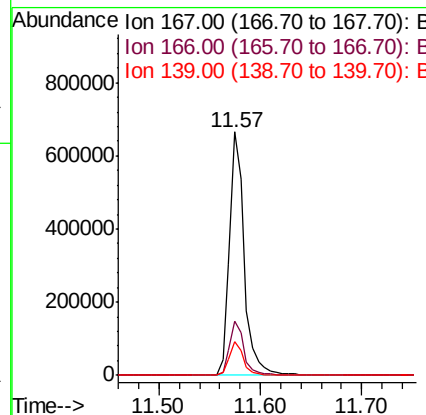
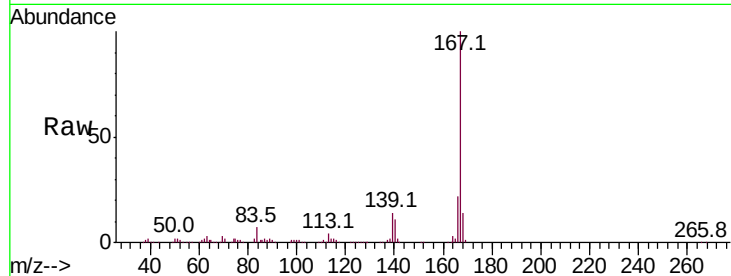
ClientSampleId :

PB117296BSD

Tot Ion:	167	Resp:	672729
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.9	26.9
139	13.6	10.2	15.2

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 42.783 ng

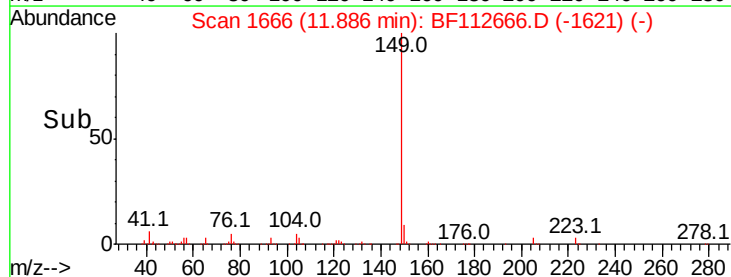
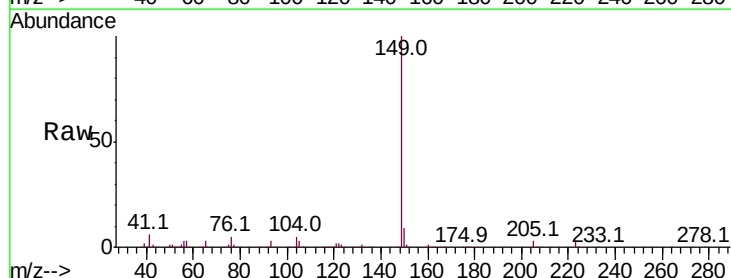
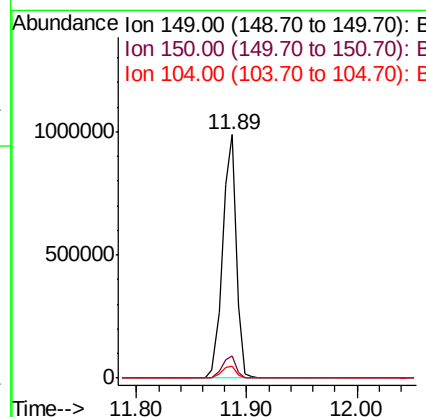
RT: 11.89 min Scan# 1666

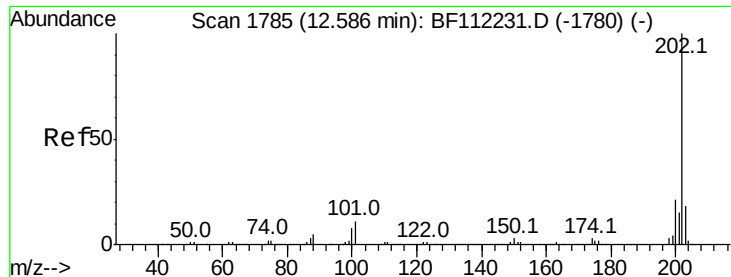
Delta R.T. -0.04 min

Lab File: BF112666.D

Acq: 22 Feb 2019 16:08

Tgt Ion:	149	Resp:	850022
Ion Ratio	Lower	Upper	
149	100		
150	9.0	8.1	12.1
104	4.9	3.9	5.9





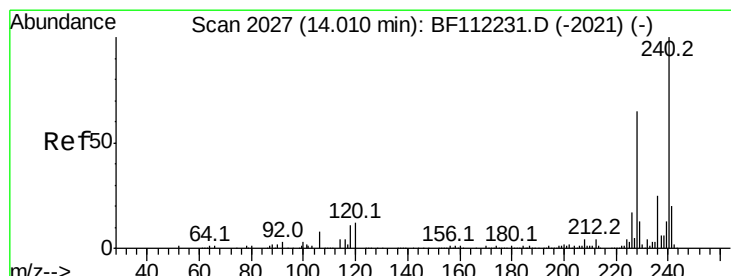
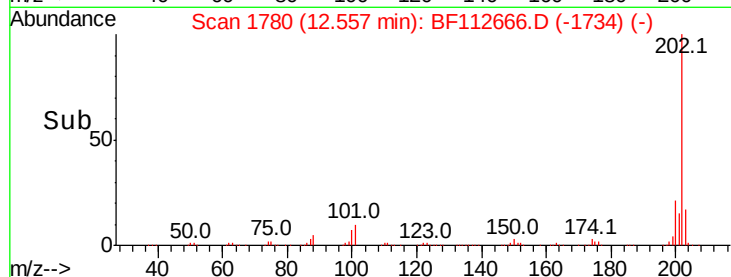
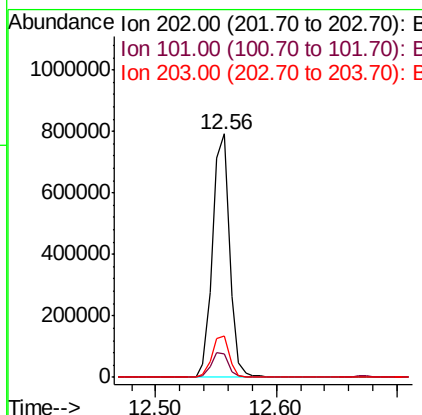
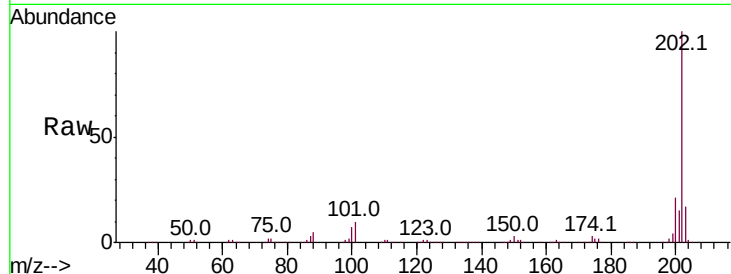
#75
 Fluoranthene
 Concen: 43.945 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. -0.03 min
 Lab File: BF112666.D
 Acq: 22 Feb 2019 16:08

Instrument :
 BNA_F
 ClientSampleID :
 PB117296BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.8	0.0	31.8
203	17.0	0.0	38.4

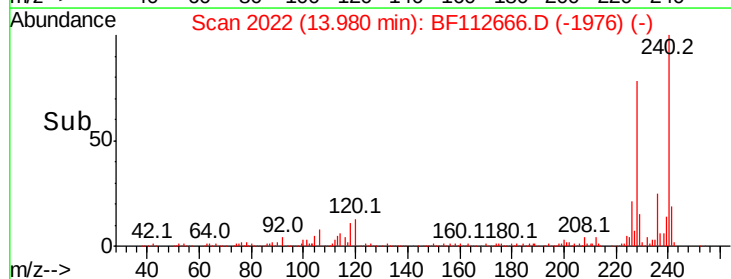
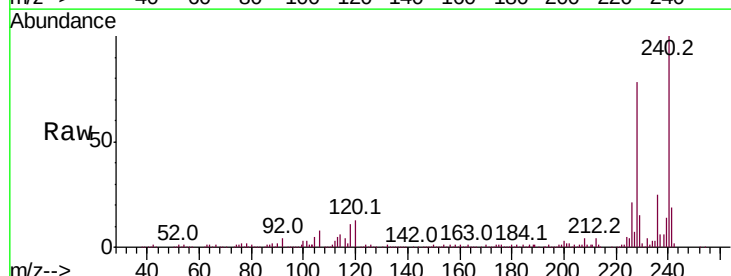
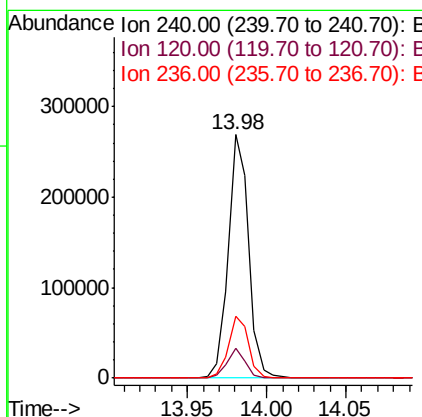
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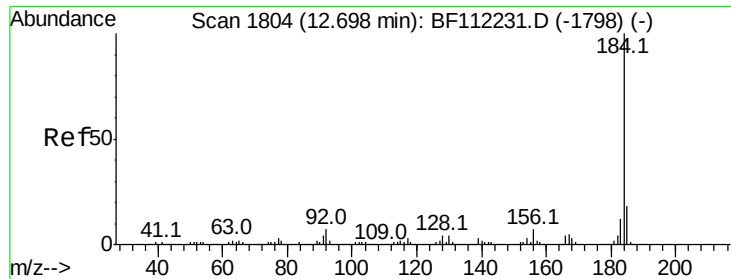
Sohil
 2/25/2019 9:21:01 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.03 min
 Lab File: BF112666.D
 Acq: 22 Feb 2019 16:08

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.5	9.0	13.6
236	25.5	20.7	31.1





#77

Benzidine

Concen: 100.282 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.02 min

Lab File: BF112666.D

Acq: 22 Feb 2019 16:08

Instrument :

BNA_F

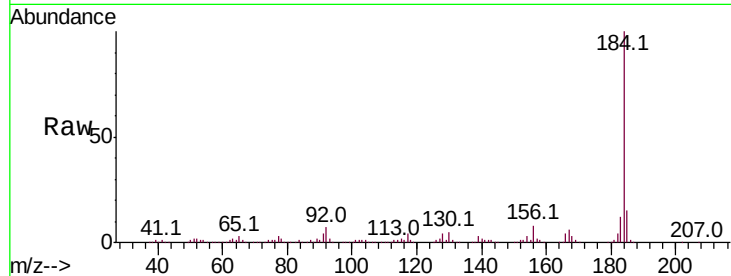
ClientSampleId :

PB117296BSD

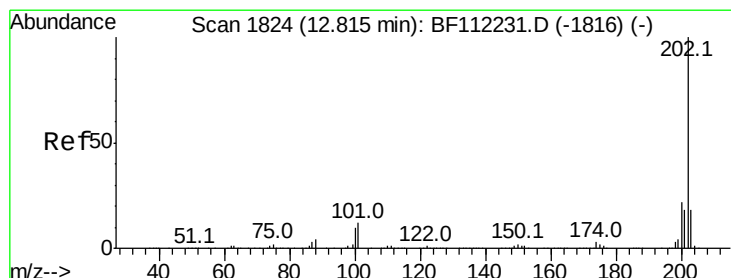
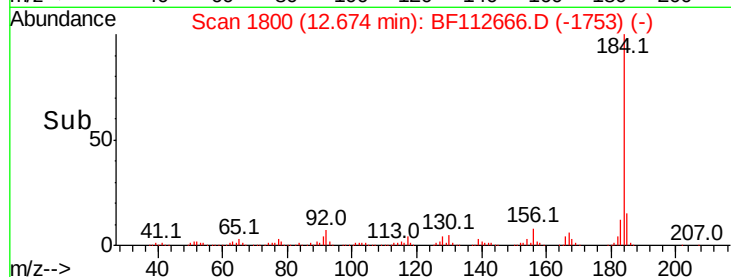
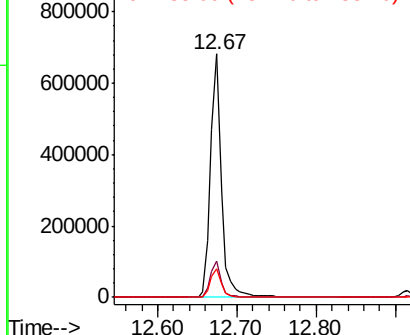
Tot Ion:	184	Resp:	656480
Ion Ratio	Lower	Upper	
184	100		
185	14.8	13.9	20.9
183	11.9	10.0	15.0

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



#78

Pyrene

Concen: 46.953 ng

RT: 12.79 min Scan# 1819

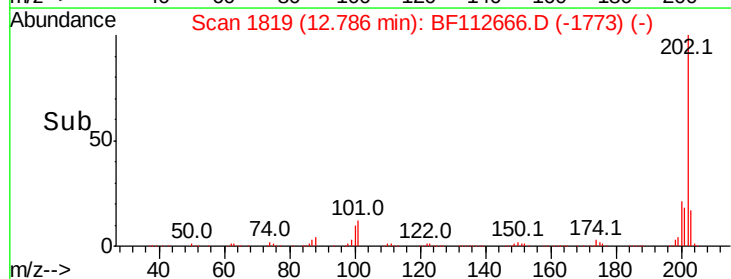
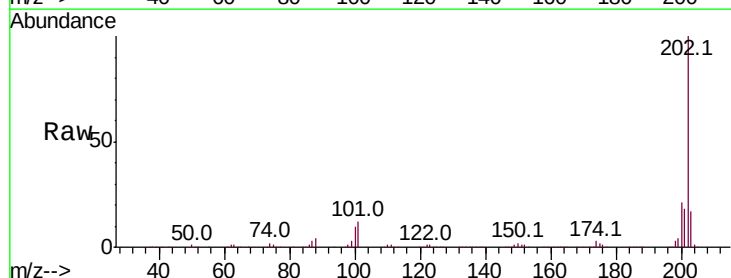
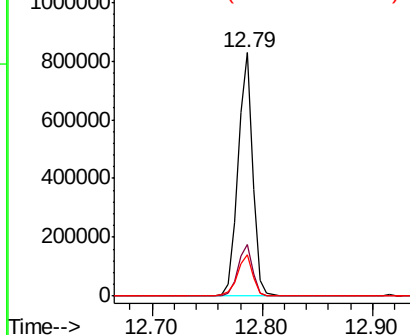
Delta R.T. -0.03 min

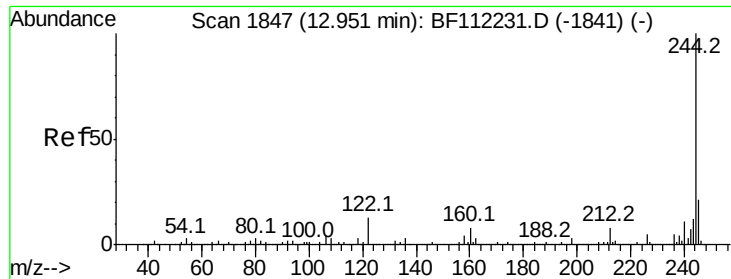
Lab File: BF112666.D

Acq: 22 Feb 2019 16:08

Tgt Ion:	202	Resp:	773175
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.7	26.5
203	17.2	14.6	22.0

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





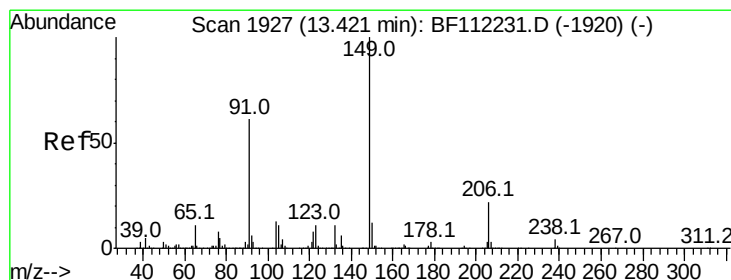
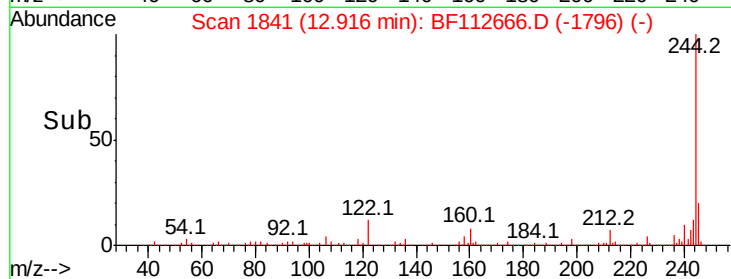
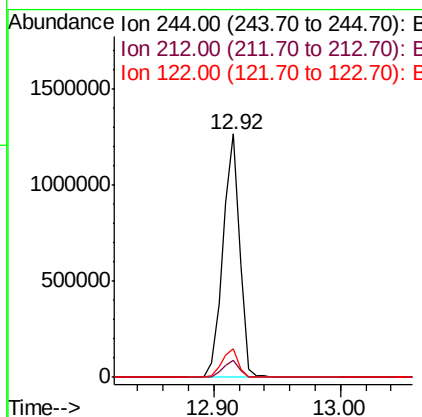
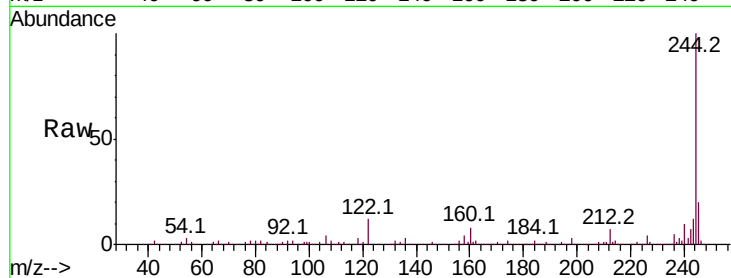
#79
 Terphenyl-d14
 Concen: 91.797 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: BF112666.D
 Acq: 22 Feb 2019 16:08

Instrument :
 BNA_F
 ClientSampleId :
 PB117296BSD

Tot Ion:244 Resp: 1159226
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.6 9.8 14.6

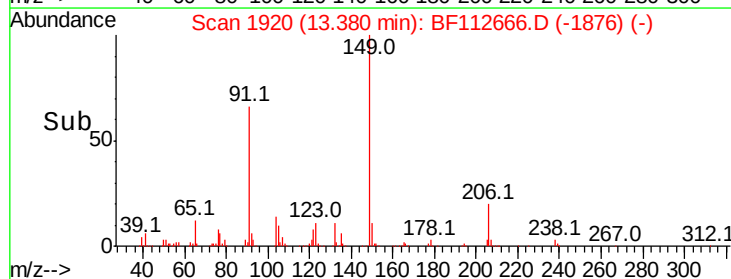
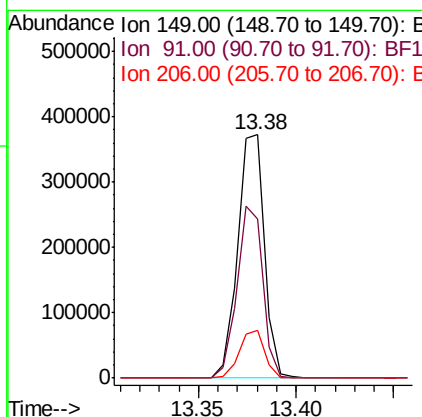
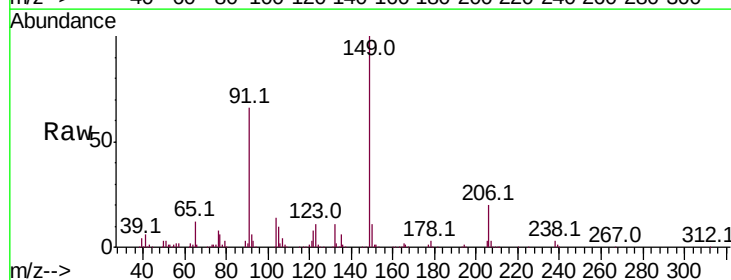
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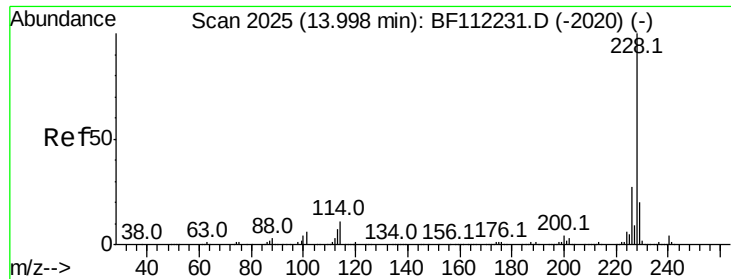
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#80
 Butylbenzylphthalate
 Concen: 44.408 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.04 min
 Lab File: BF112666.D
 Acq: 22 Feb 2019 16:08

Tgt Ion:149 Resp: 353799
 Ion Ratio Lower Upper
 149 100
 91 65.5 50.3 75.5
 206 19.7 18.2 27.4





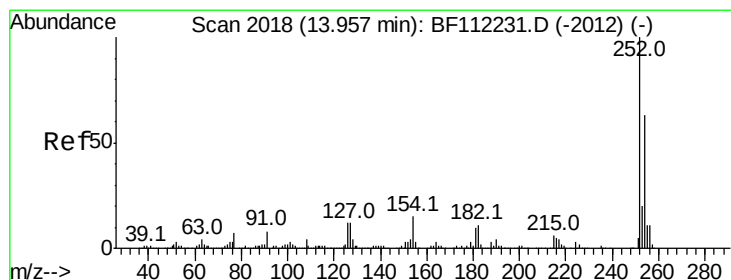
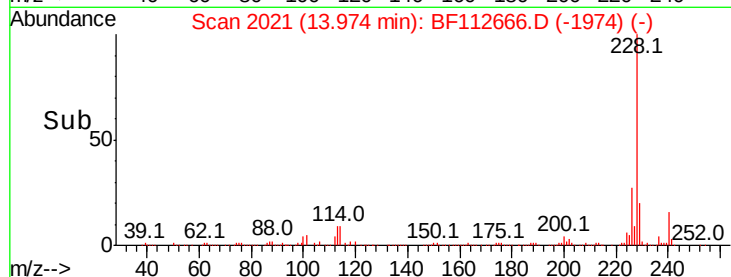
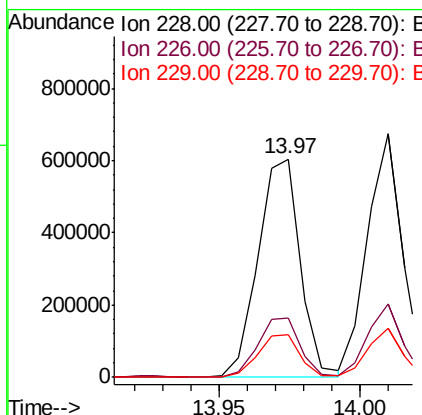
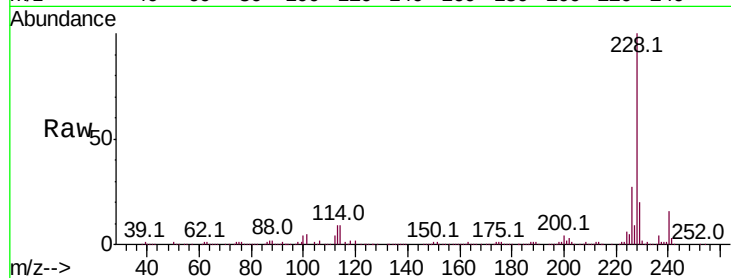
#81
Benzo(a)anthracene
Concen: 44.902 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Instrument :
BNA_F
ClientSampleId :
PB117296BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	34.0
229	19.7	16.5	24.7

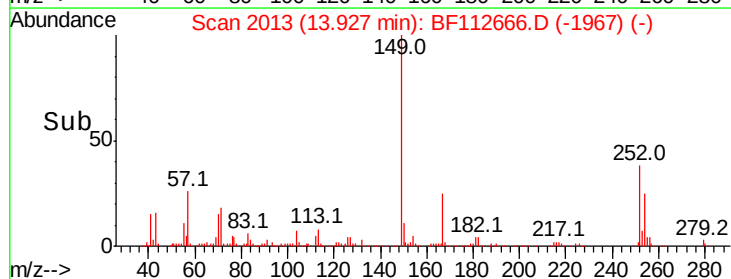
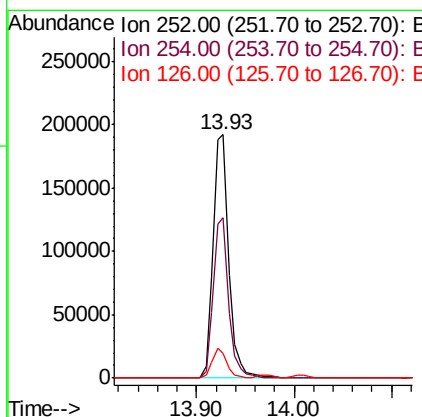
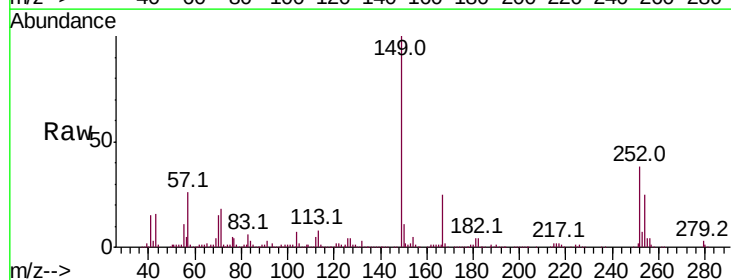
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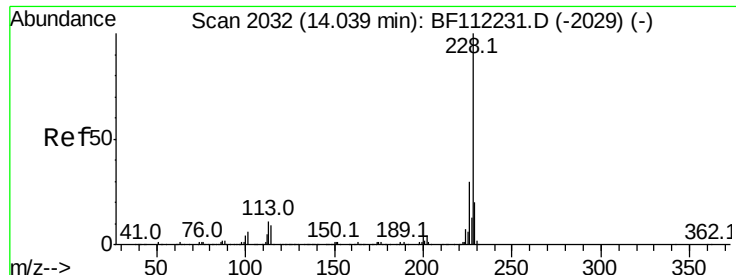
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 40.836 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.03 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.9	51.6	77.4
126	10.4	8.6	12.8





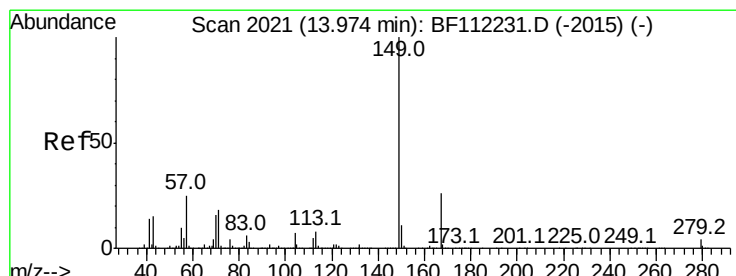
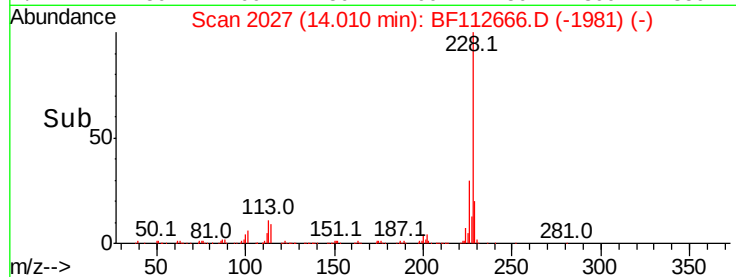
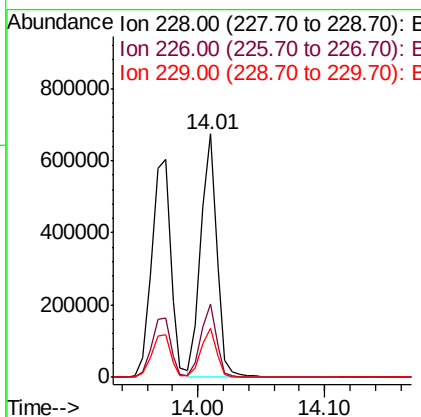
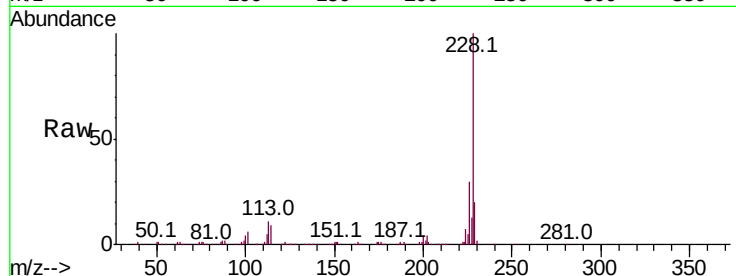
#83
Chrysene
Concen: 44.356 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.03 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Instrument :
BNA_F
ClientSampleId :
PB117296BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	19.9	16.6	24.8

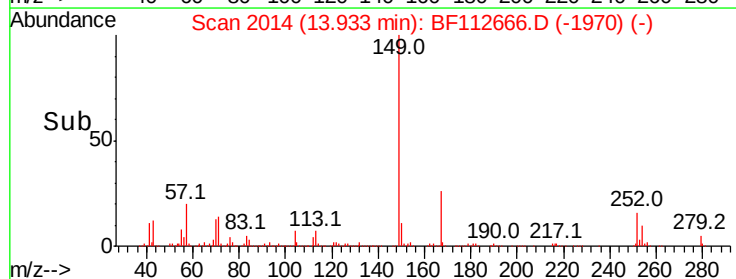
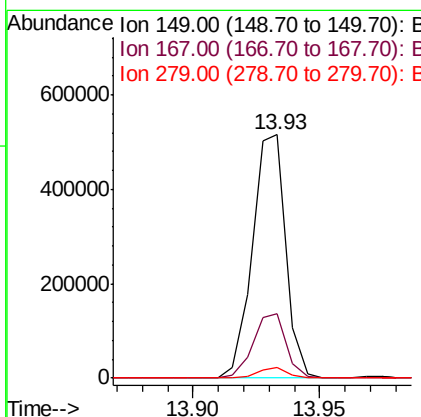
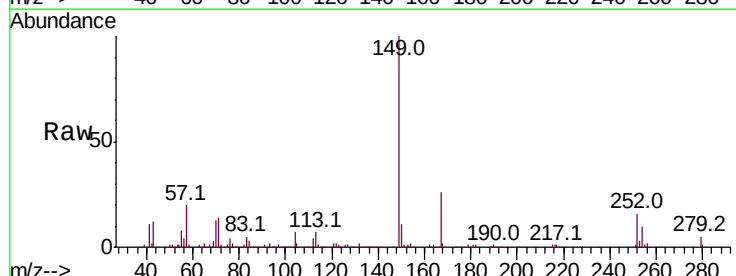
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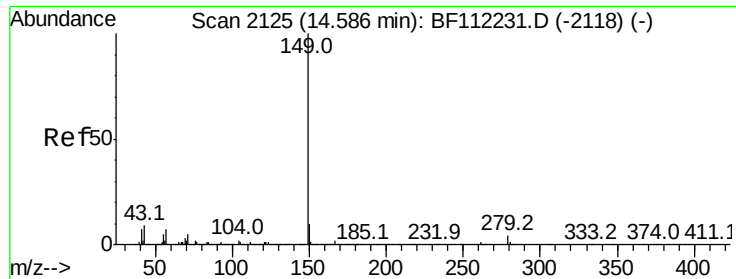
Sohil
2/25/2019 9:21:01 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.735 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.04 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	22.5	33.7
279	4.6	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 41.736 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.05 min

Lab File: BF112666.D

Acq: 22 Feb 2019 16:08

Instrument :

BNA_F

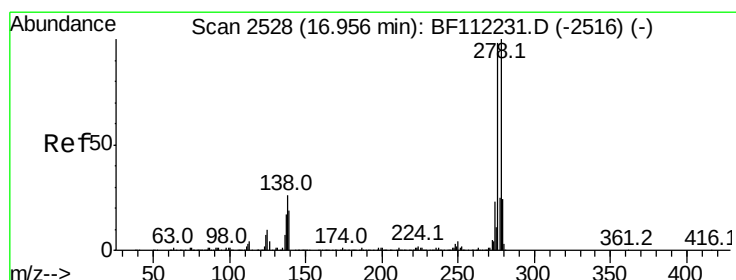
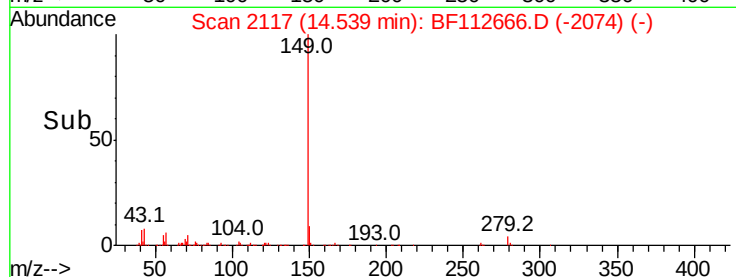
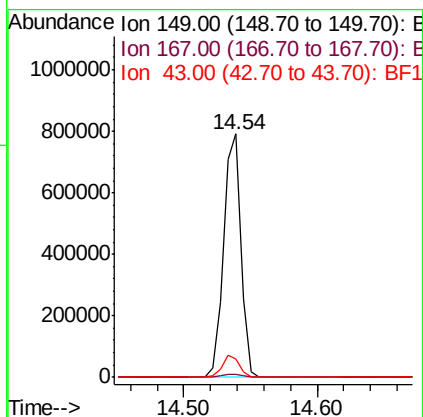
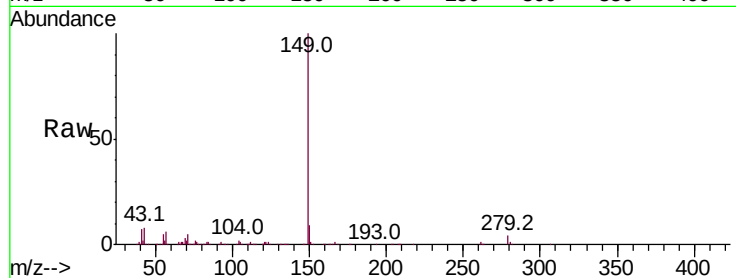
ClientSampleId :

PB117296BSD

Tot Ion:	149	Resp:	726182
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	8.9	7.8	11.6

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#86

Indeno(1,2,3-cd)pyrene

Concen: 41.553 ng

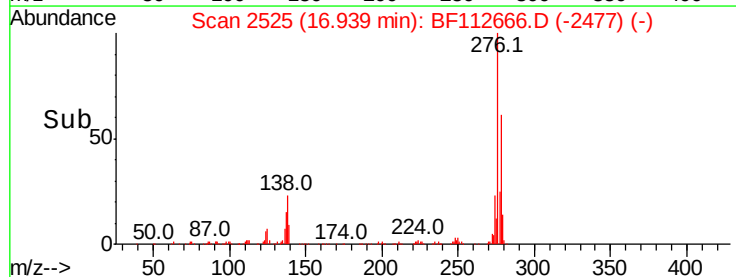
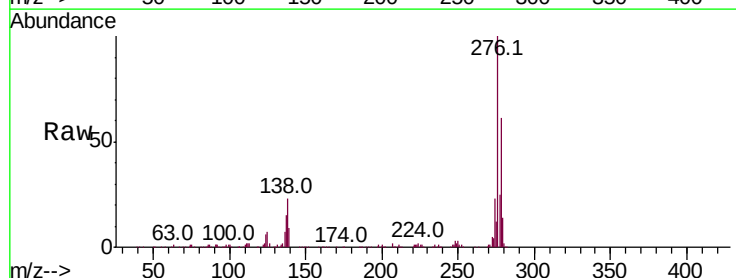
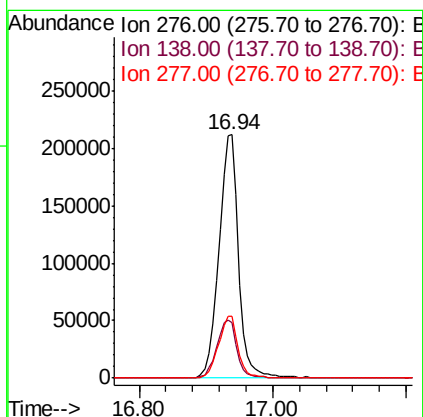
RT: 16.94 min Scan# 2525

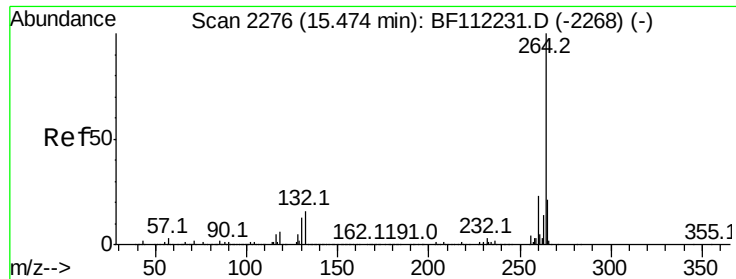
Delta R.T. -0.02 min

Lab File: BF112666.D

Acq: 22 Feb 2019 16:08

Tgt Ion:	276	Resp:	439433
Ion Ratio	Lower	Upper	
276	100		
138	24.6	22.6	34.0
277	25.5	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2272

Delta R.T. -0.02 min

Lab File: BF112666.D

Acq: 22 Feb 2019 16:08

Instrument :

BNA_F

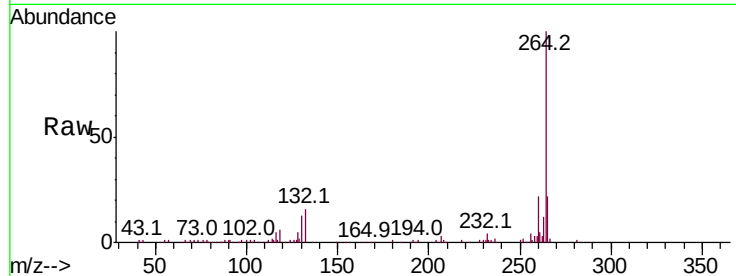
ClientSampled :

PB117296BSD

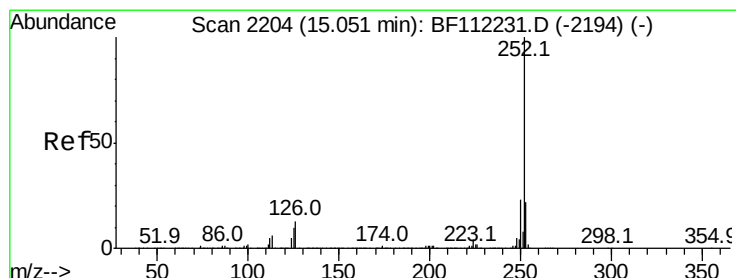
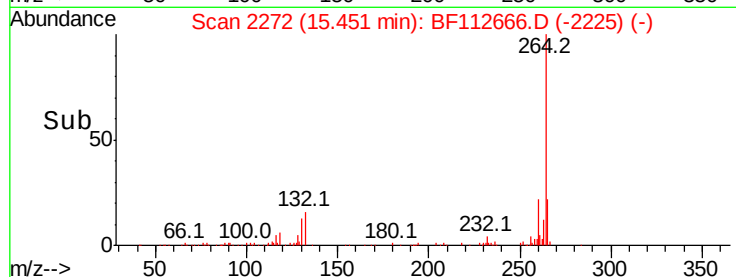
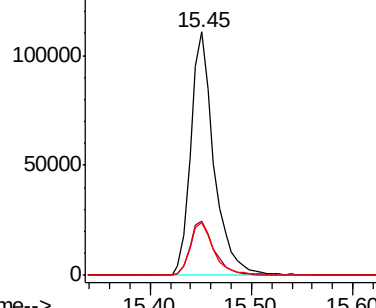
Tot Ion:	264	Resp:	175858
Ion Ratio	Lower	Upper	
264	100		
260	22.1	18.2	27.2
265	21.9	17.0	25.4

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Abundance Ion 264.00 (263.70 to 264.70): E
150000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.312 ng

RT: 15.02 min Scan# 2199

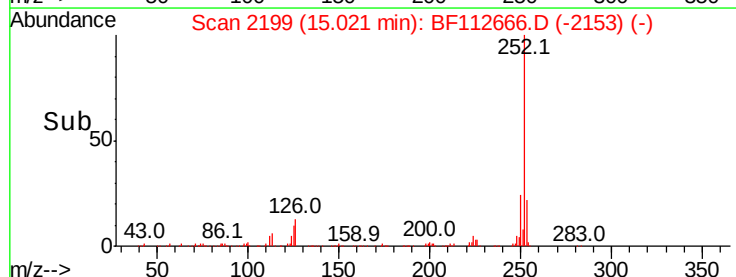
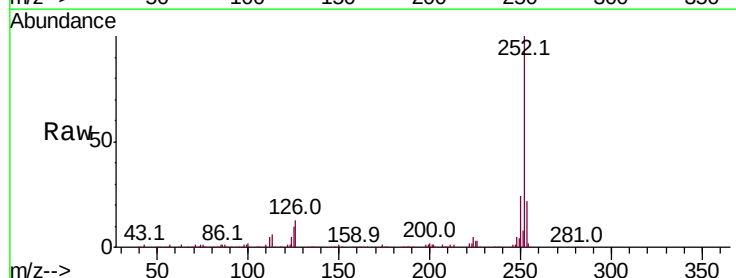
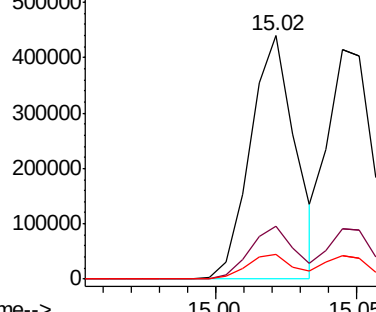
Delta R.T. -0.03 min

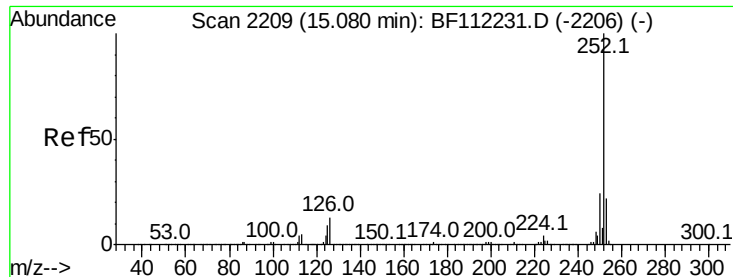
Lab File: BF112666.D

Acq: 22 Feb 2019 16:08

Tgt Ion:	252	Resp:	487073
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.0	27.0
125	10.1	8.7	13.1

Abundance Ion 252.00 (251.70 to 252.70): E
600000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 46.632 ng

RT: 15.04 min Scan# 2203

Delta R.T. -0.04 min

Lab File: BF112666.D

Acq: 22 Feb 2019 16:08

Instrument :

BNA_F

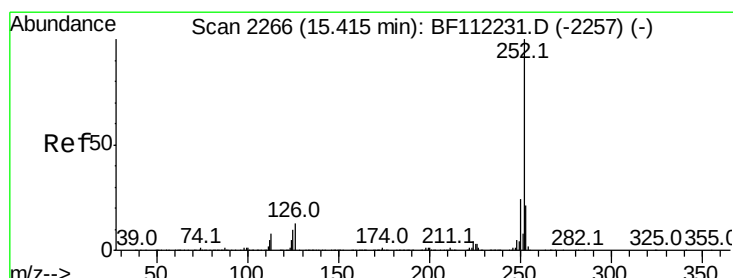
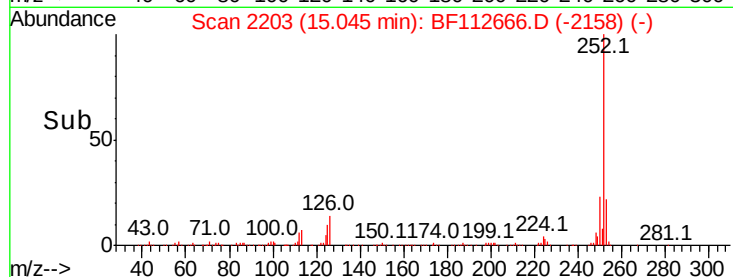
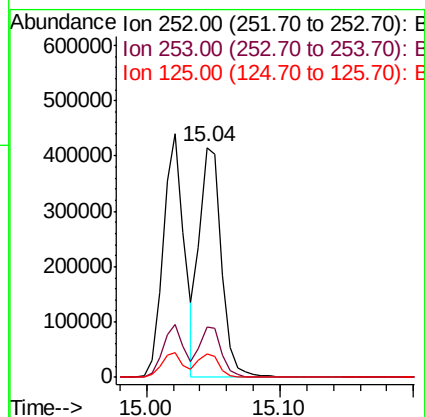
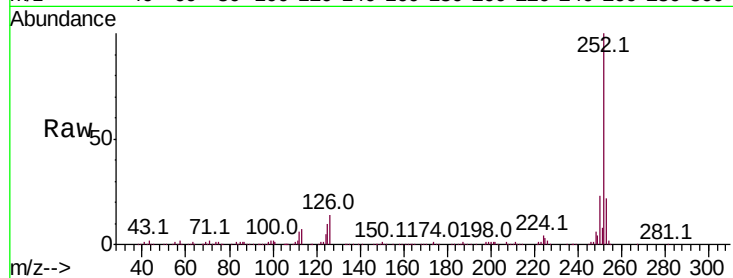
ClientSampleId :

PB117296BSD

Tot Ion:	252	Resp:	469761
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.0	27.0
125	10.0	9.1	13.7

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#90

Benzo(a)pyrene

Concen: 46.889 ng

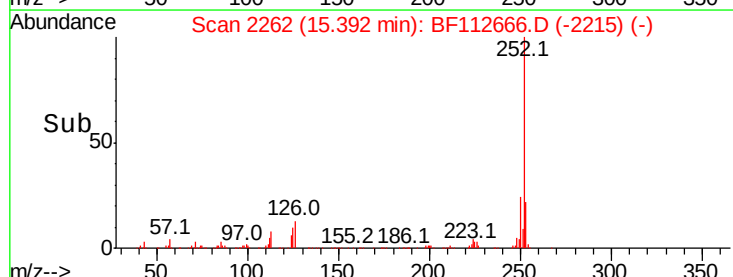
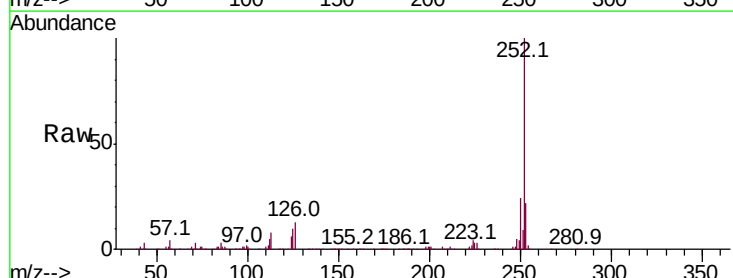
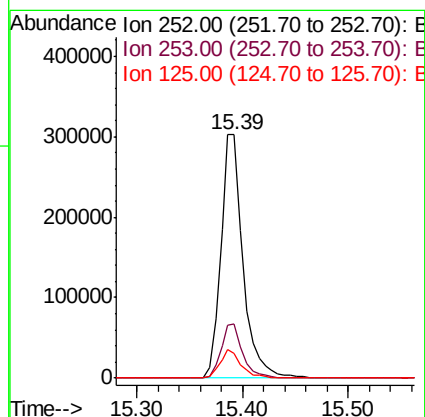
RT: 15.39 min Scan# 2262

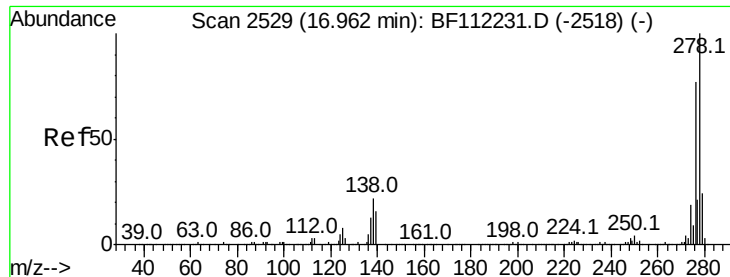
Delta R.T. -0.02 min

Lab File: BF112666.D

Acq: 22 Feb 2019 16:08

Tgt Ion:	252	Resp:	443724
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.5	26.3
125	10.3	9.0	13.4





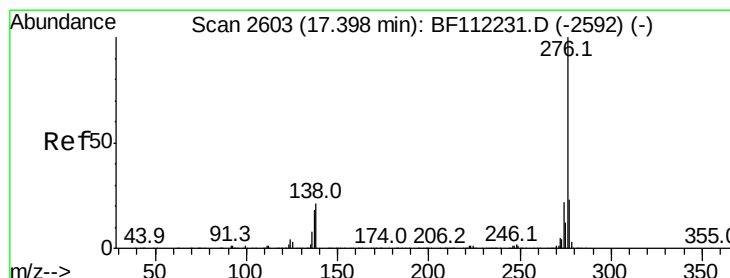
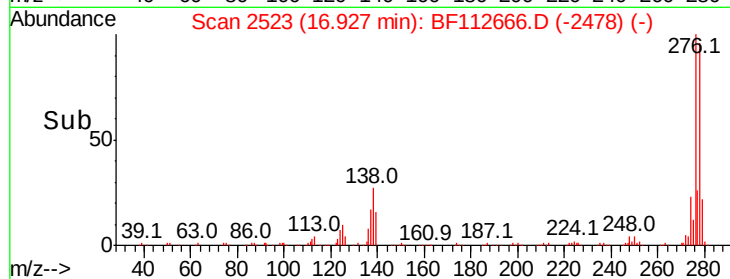
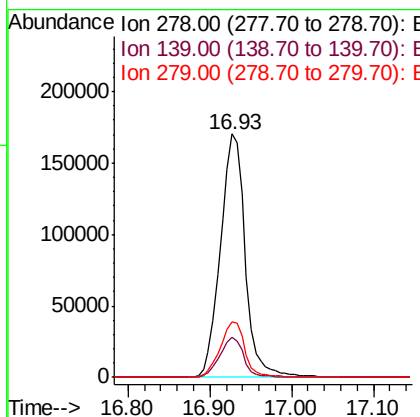
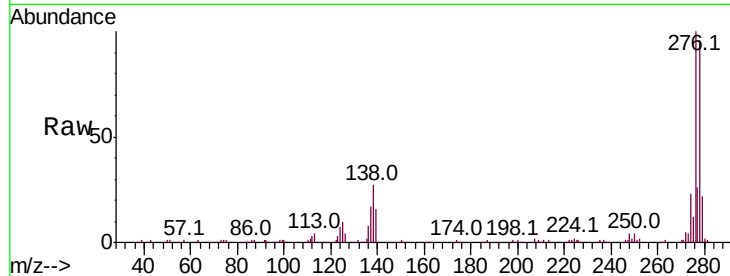
#91
Dibenzo(a,h)anthracene
Concen: 47.324 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.04 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Instrument :
BNA_F
ClientSampleId :
PB117296BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.7	20.5
279	23.0	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 49.558 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.02 min
Lab File: BF112666.D
Acq: 22 Feb 2019 16:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.0
138	21.0	19.1	28.7

