

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
 Data File : BF116990.D
 Acq On : 12 Sep 2019 13:51
 Operator : HP/JU
 Sample : PB123013BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123013BS

Manual Integrations
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mohammad
 9/16/2019 8:59:28 AM

Quant Time: Sep 12 14:39:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 08:24:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	82929	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	334996	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	175373	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	278117	20.00	ng	0.00
76) Chrysene-d12	13.97	240	172748	20.00	ng	0.00
87) Perylene-d12	15.42	264	147052	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	641214	125.26	ng	0.02
7) Phenol-d6	6.47	99	822576	122.38	ng	0.00
23) Nitrobenzene-d5	7.39	82	497475	84.78	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	183274	156.32	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	855943	82.33	ng	0.00
79) Terphenyl-d14	12.92	244	777581	83.27	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.67	88	107075	45.313	ng	98
3) Pyridine	3.40	79	259052	37.863	ng	97
4) n-Nitrosodimethylamine	3.36	42	99317	42.273	ng	88
6) Aniline	6.49	93	314252	33.755	ng	# 87
8) 2-Chlorophenol	6.62	128	275856	49.366	ng	99
9) Benzaldehyde	6.37	77	173873	39.264	ng	100
10) Phenol	6.48	94	350176	47.047	ng	92
11) bis(2-Chloroethyl)ether	6.56	93	258032	44.523	ng	99
12) 1,3-Dichlorobenzene	6.77	146	290961	46.070	ng	99
13) 1,4-Dichlorobenzene	6.85	146	299801	47.681	ng	99
14) 1,2-Dichlorobenzene	7.00	146	271917	46.666	ng	100
15) Benzyl Alcohol	6.97	79	250814	45.969	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	251835	37.037	ng	98
17) 2-Methylphenol	7.08	107	229551	46.926	ng	99
18) Hexachloroethane	7.34	117	112134	45.902	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	197323	44.585	ng	98
20) 3+4-Methylphenols	7.23	107	289816	50.955	ng	97
22) Acetophenone	7.23	105	406880	50.450	ng	99
24) Nitrobenzene	7.41	77	310824	52.081	ng	99
25) Isophorone	7.65	82	556667	46.815	ng	99
26) 2-Nitrophenol	7.72	139	143626	64.730	ng	98
27) 2,4-Dimethylphenol	7.76	122	241684	53.933	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	329645	45.365	ng	99
29) 2,4-Dichlorophenol	7.97	162	224320	52.089	ng	96
30) 1,2,4-Trichlorobenzene	8.05	180	225564	48.290	ng	99
31) Naphthalene	8.13	128	777571	48.814	ng	99
32) Benzoic acid	7.90	122	146460	57.884	ng	95
33) 4-Chloroaniline	8.17	127	186292	25.692	ng	97
34) Hexachlorobutadiene	8.25	225	124481	48.876	ng	98
35) Caprolactam	8.55	113	70076m	43.480	ng	
36) 4-Chloro-3-methylphenol	8.66	107	261507	52.834	ng	95
37) 2-Methylnaphthalene	8.82	142	538400	50.799	ng	98
38) 1-Methylnaphthalene	8.92	142	492300	49.205	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	203494	48.405	ng	99

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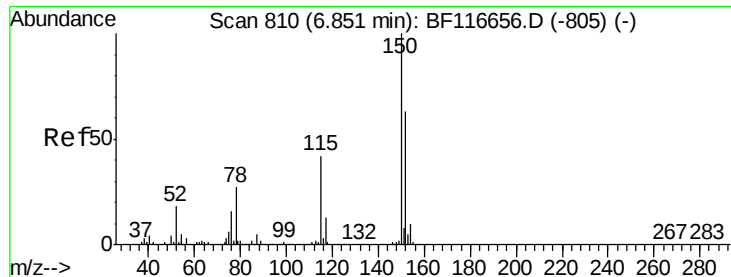
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	219393	90.371	nq	98
43) 2,4,6-Trichlorophenol	9.10	196	144281	50.066	nq	98
44) 2,4,5-Trichlorophenol	9.14	196	156714	52.380	nq	97
46) 1,1'-Biphenyl	9.28	154	620936	46.661	nq	99
47) 2-Chloronaphthalene	9.30	162	492501	46.727	nq	96
48) 2-Nitroaniline	9.40	65	155664	51.085	nq	99
49) Acenaphthylene	9.72	152	771044	48.394	nq	99
50) Dimethylphthalate	9.58	163	569147	47.007	nq	99
51) 2,6-Dinitrotoluene	9.64	165	125358	54.266	nq #	79
52) Acenaphthene	9.89	154	446950	45.656	nq	99
53) 3-Nitroaniline	9.81	138	90924	31.408	nq	94
54) 2,4-Dinitrophenol	9.92	184	99014	116.186	nq #	90
55) Dibenzofuran	10.06	168	676061	48.988	nq	99
56) 4-Nitrophenol	9.98	139	202058	101.791	nq	94
57) 2,4-Dinitrotoluene	10.05	165	170601	60.397	nq	97
58) Fluorene	10.40	166	540258	51.378	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	120191	55.663	nq	99
60) Diethylphthalate	10.28	149	571328	47.107	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	229993	49.948	nq	95
62) 4-Nitroaniline	10.43	138	142206	50.617	nq	97
63) Azobenzene	10.56	77	591197	46.748	nq	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	69484	64.757	nq	96
66) n-Nitrosodiphenylamine	10.52	169	473034	49.167	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	136292	48.240	nq	98
68) Hexachlorobenzene	10.96	284	141160	47.754	nq	98
69) Atrazine	11.04	200	130496	48.429	nq	96
70) Pentachlorophenol	11.15	266	156924	109.741	nq	100
71) Phenanthrene	11.37	178	754920	48.762	nq	99
72) Anthracene	11.42	178	765381	49.111	nq	99
73) Carbazole	11.57	167	711537	47.930	nq	99
74) Di-n-butylphthalate	11.90	149	853736	44.860	nq	99
75) Fluoranthene	12.55	202	732752	48.161	nq	99
77) Benzidine	12.67	184	308130	45.476	nq	99
78) Pyrene	12.78	202	742631	48.361	nq	100
80) Butylbenzylphthalate	13.39	149	337611	45.210	nq	92
81) Benzo(a)anthracene	13.96	228	532997	48.750	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	138014	37.354	nq	99
83) Chrysene	14.00	228	525522	46.656	nq	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	436003	47.298	nq	99
85) Di-n-octyl phthalate	14.56	149	679271	45.028	nq	99
86) Indeno(1,2,3-cd)pyrene	16.86	276	429255	47.445	nq	99
88) Benzo(b)fluoranthene	15.00	252	428234	48.167	nq	99
89) Benzo(k)fluoranthene	15.03	252	413804	51.048	nq	98
90) Benzo(a)pyrene	15.36	252	391562	50.623	nq	98
91) Dibenzo(a,h)anthracene	16.87	278	357582	52.816	nq	98
92) Benzo(g,h,i)perylene	17.29	276	363203	52.601	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

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BNA_F

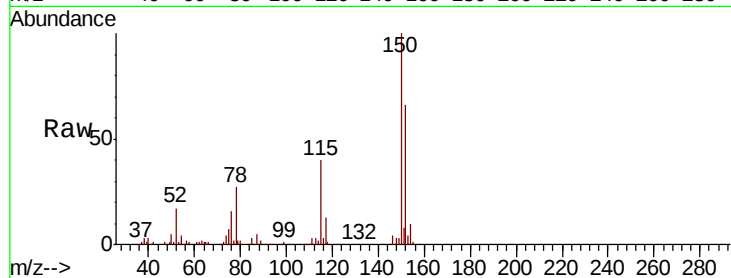
ClientSampleId :

PB123013BS

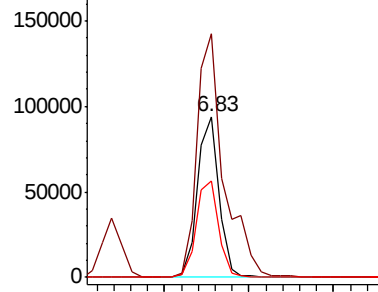
Tot Ion:	152	Resp:	82929
Ion	Ratio	Lower	Upper
152	100		
150	151.2	126.2	189.2
115	60.1	50.2	75.2

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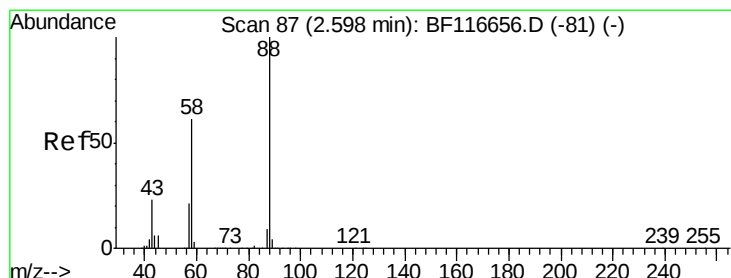
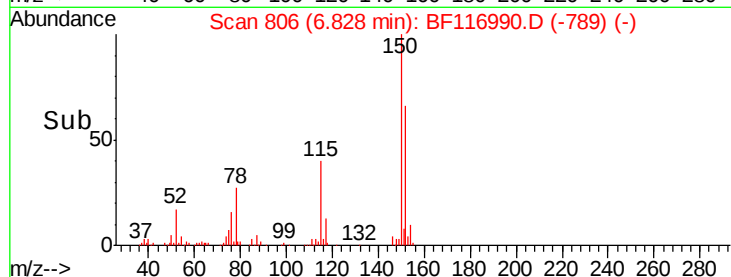
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 45.313 ng

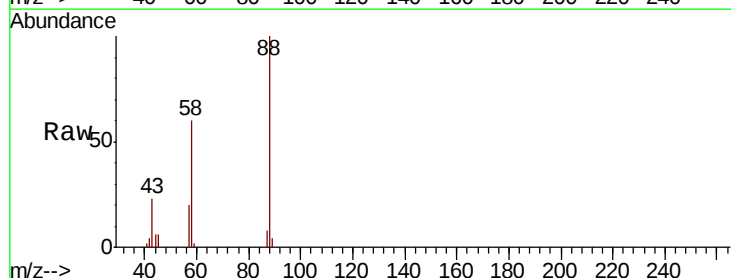
RT: 2.67 min Scan# 99

Delta R.T. 0.11 min

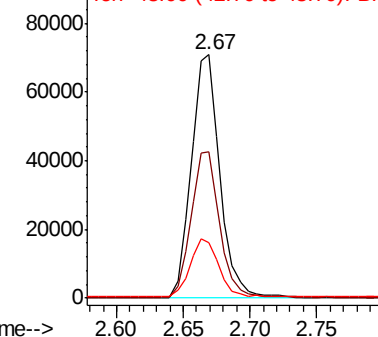
Lab File: BF116990.D

Acq: 12 Sep 2019 13:51

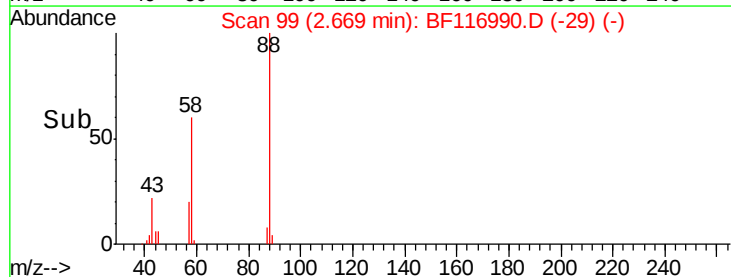
Tgt Ion:	88	Resp:	107075
Ion	Ratio	Lower	Upper
88	100		
58	60.3	49.4	74.2
43	23.9	18.6	28.0



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



Time-->





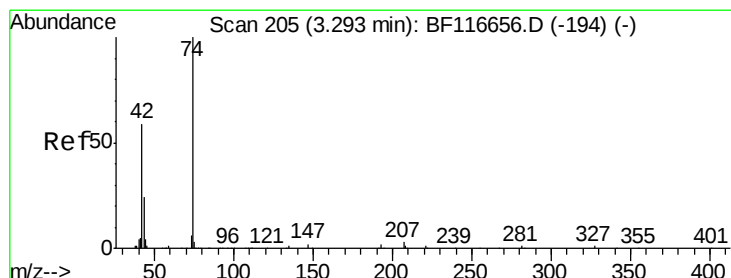
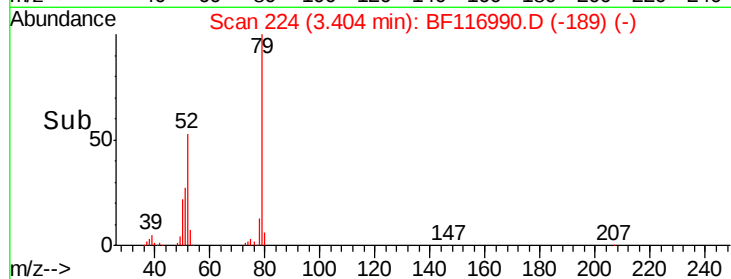
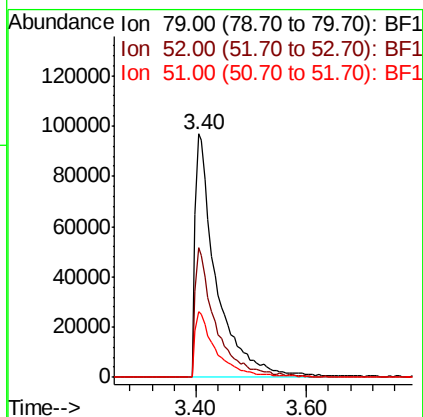
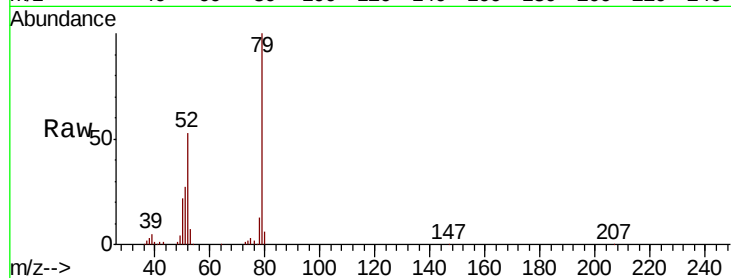
#3
 Pvridine
 Concen: 37.863 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.11 min
 Lab File: BF116990.D
 Acq: 12 Sep 2019 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB123013BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	53.5	40.5	60.7
51	26.8	22.3	33.5

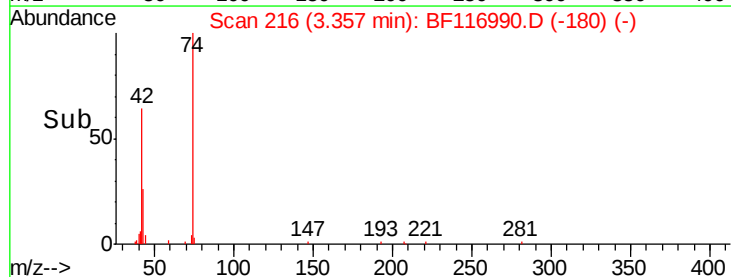
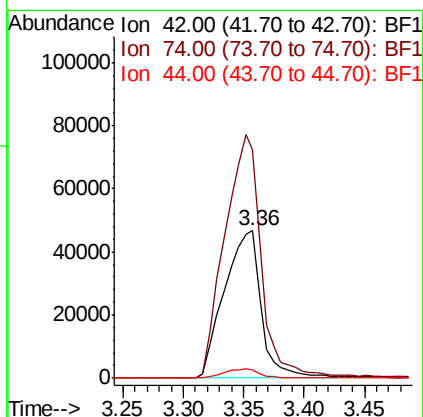
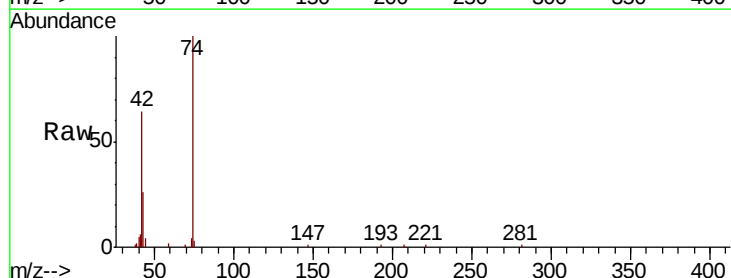
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#4
 n-Nitrosodimethylamine
 Concen: 42.273 ng
 RT: 3.36 min Scan# 216
 Delta R.T. 0.11 min
 Lab File: BF116990.D
 Acq: 12 Sep 2019 13:51

Tgt Ion	Ratio	Lower	Upper
42	100		
74	155.1	137.6	206.4
44	5.6	4.4	6.6





#5

2-Fluorophenol

Concen: 125.264 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF116990.D

Acq: 12 Sep 2019 13:51

Instrument :

BNA_F

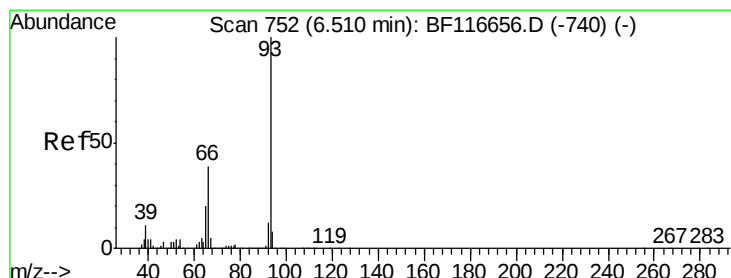
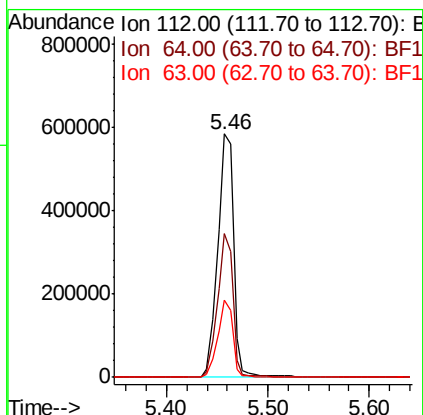
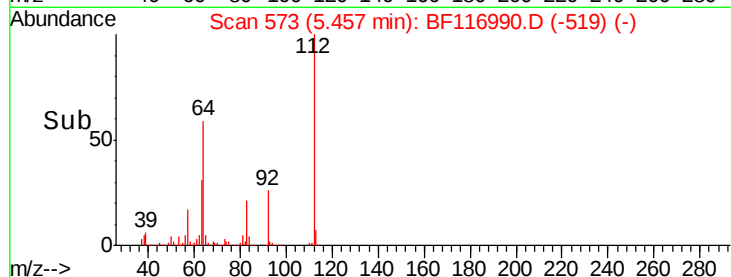
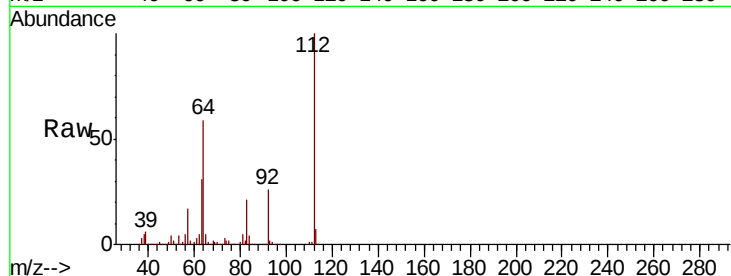
ClientSampleId :

PB123013BS

Tot Ion:	112	Resp:	641214
Ion Ratio	Lower	Upper	
112	100		
64	59.0	47.1	70.7
63	31.5	25.4	38.0

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#6

Aniline

Concen: 33.755 ng

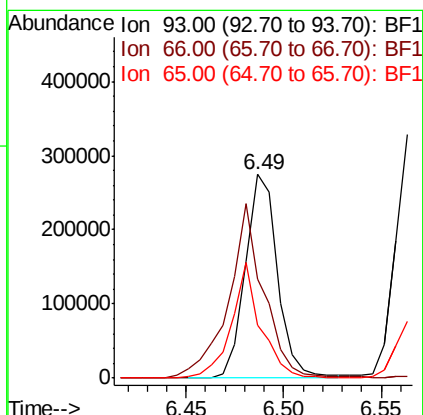
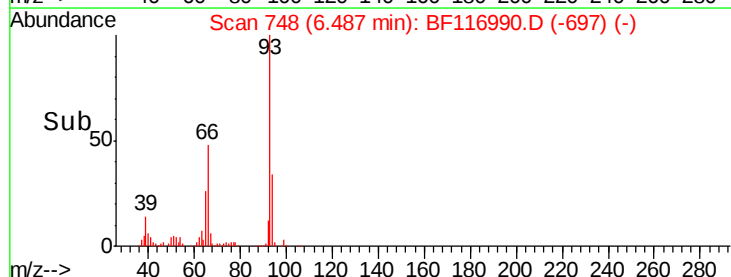
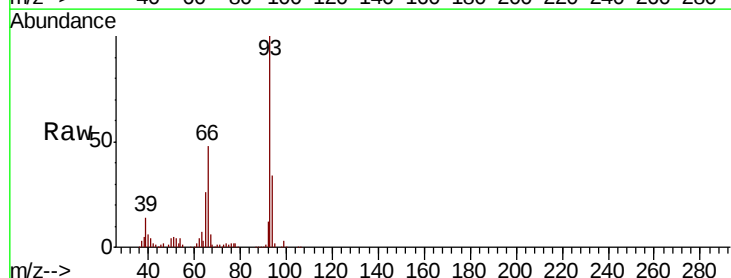
RT: 6.49 min Scan# 748

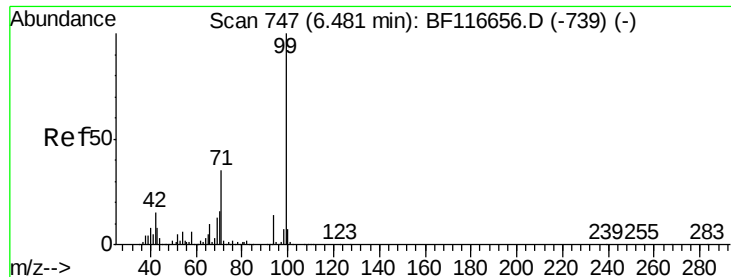
Delta R.T. 0.00 min

Lab File: BF116990.D

Acq: 12 Sep 2019 13:51

Tgt Ion:	93	Resp:	314252
Ion Ratio	Lower	Upper	
93	100		
66	48.4	32.3	48.5
65	26.0	16.2	24.2#





#7

Phenol-d6

Concen: 122.377 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF116990.D

Acq: 12 Sep 2019 13:51

Instrument :

BNA_F

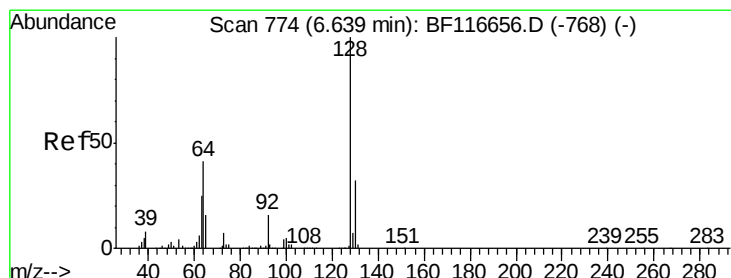
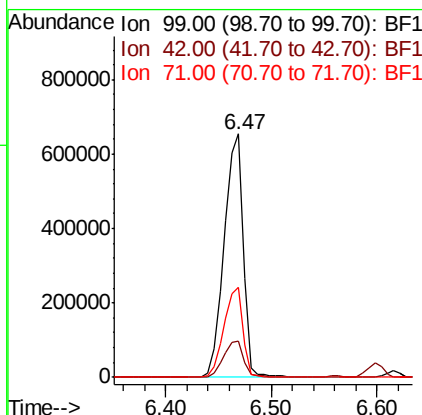
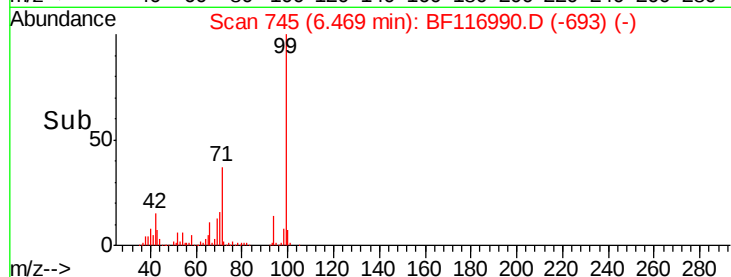
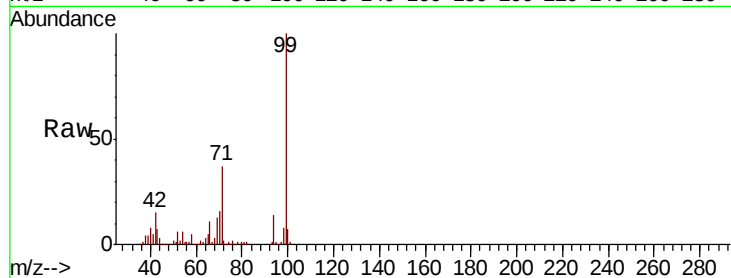
ClientSampleId :

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Tot Ion:	99	Resp:	822576
Ion Ratio	Lower	Upper	
99	100		
42	15.1	12.0	18.0
71	37.0	29.7	44.5

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#8

2-Chlorophenol

Concen: 49.366 ng

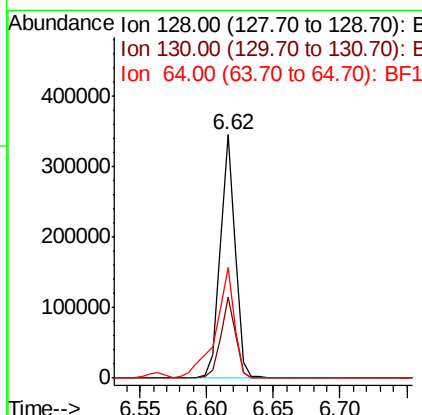
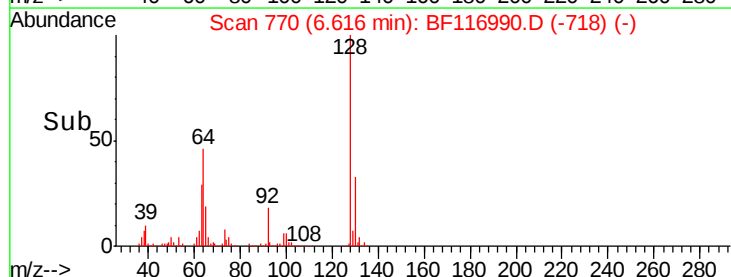
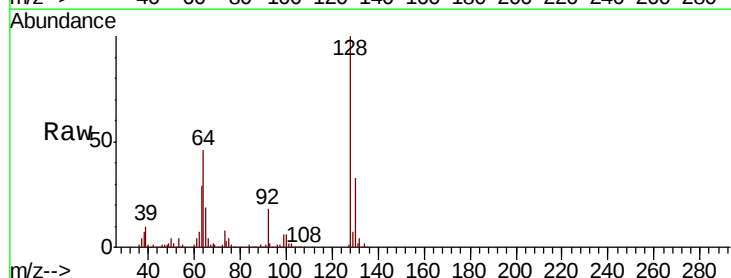
RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF116990.D

Acq: 12 Sep 2019 13:51

Tgt Ion:	128	Resp:	275856
Ion Ratio	Lower	Upper	
128	100		
130	33.2	12.4	52.4
64	45.5	26.5	66.5





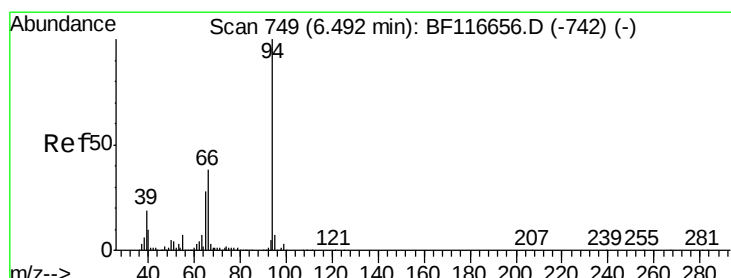
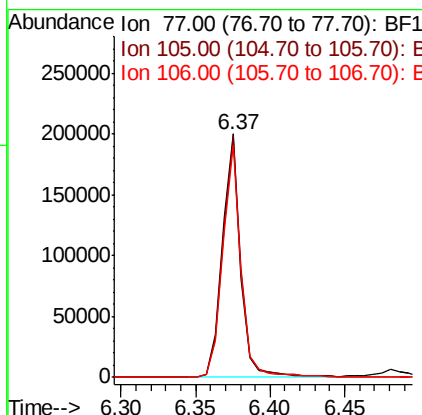
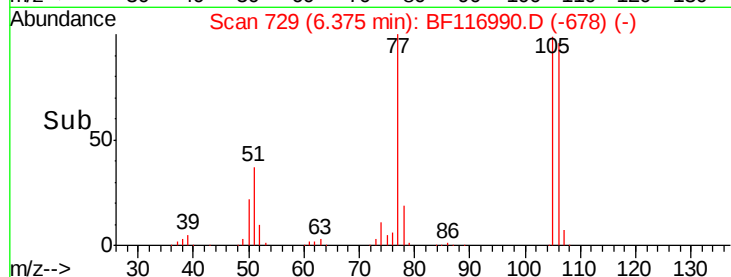
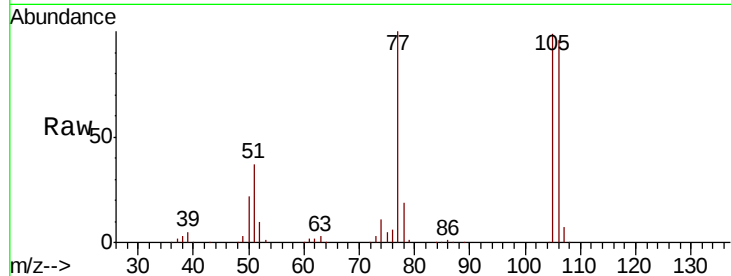
#9
Benzaldehyde
Concen: 39.264 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Instrument :
BNA_F
ClientSampleId :
PB123013BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	98.9	79.3	119.3		
106	95.5	75.1	115.1		

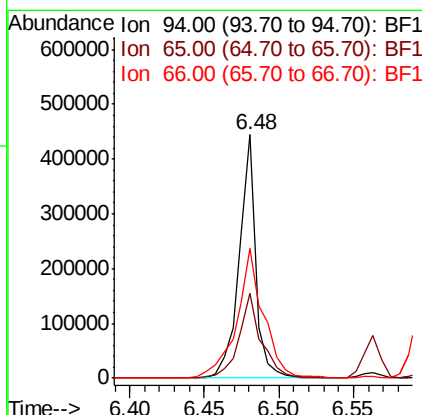
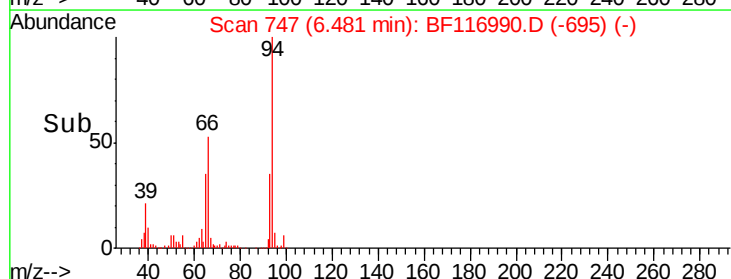
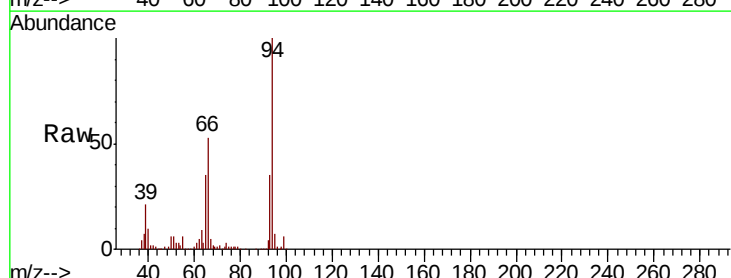
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#10
Phenol
Concen: 47.047 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF116990.D
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	34.9	12.0	52.0		
66	53.1	26.5	66.5		





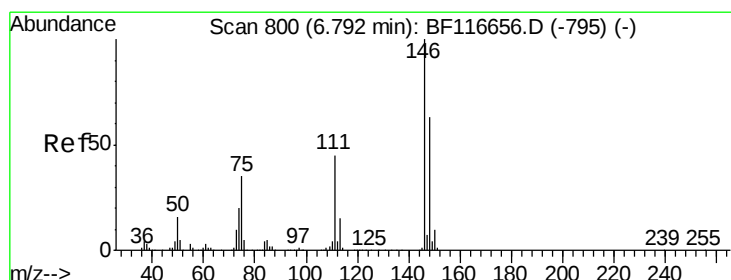
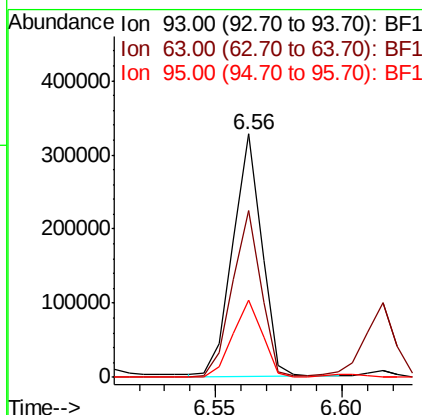
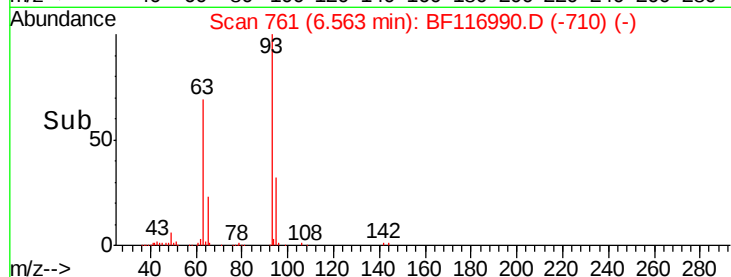
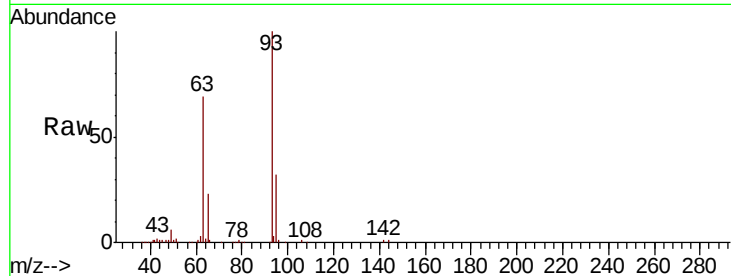
#11
bis(2-Chloroethyl)ether
Concen: 44.523 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Instrument :
BNA_F
ClientSampleId :
PB123013BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.8	49.0	89.0
95	31.9	13.7	53.7

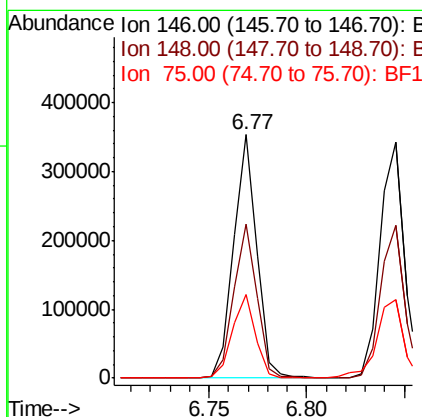
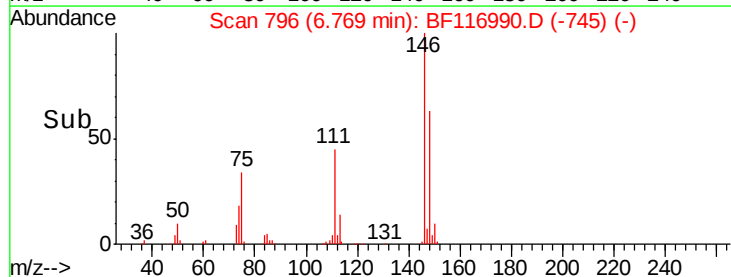
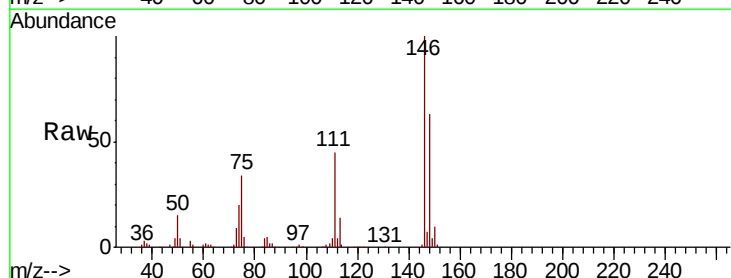
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#12
1,3-Dichlorobenzene
Concen: 46.070 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.3	76.9
75	34.3	26.6	40.0





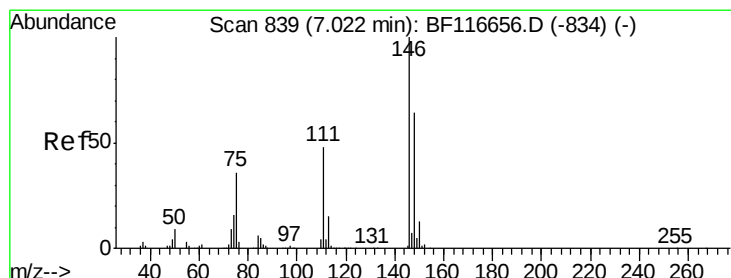
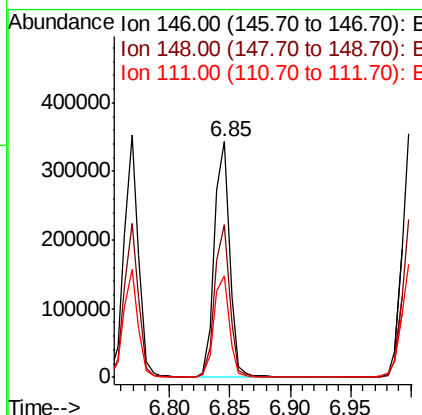
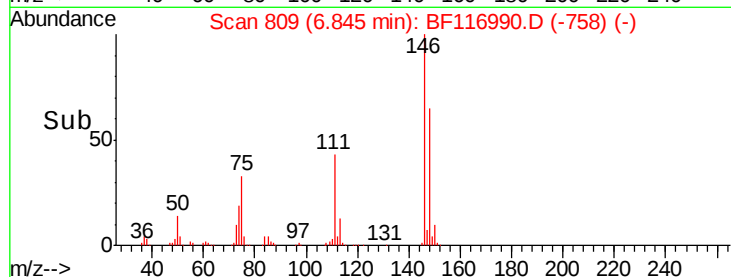
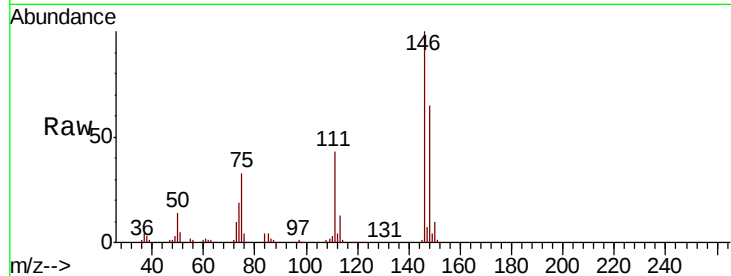
#13
 1,4-Dichlorobenzene
 Concen: 47.681 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF116990.D
 Acq: 12 Sep 2019 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB123013BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.8	77.6
111	43.0	33.4	50.2

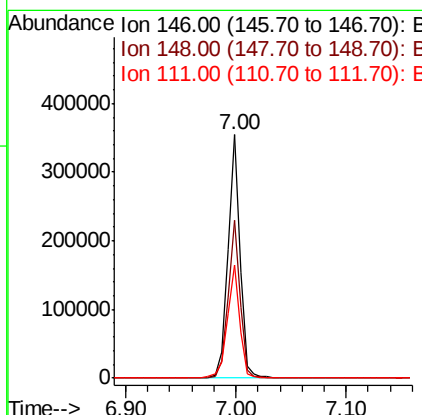
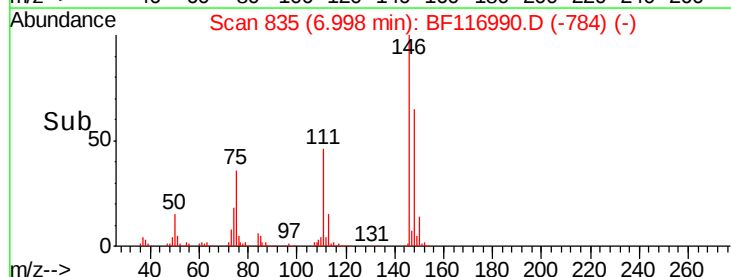
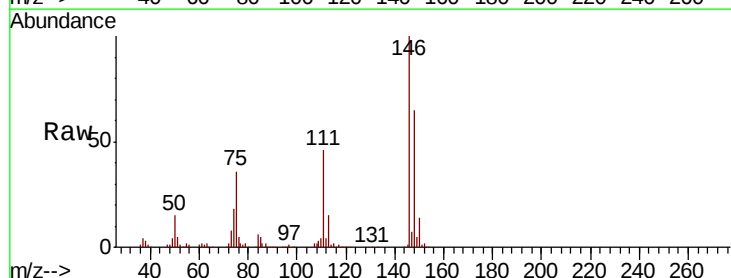
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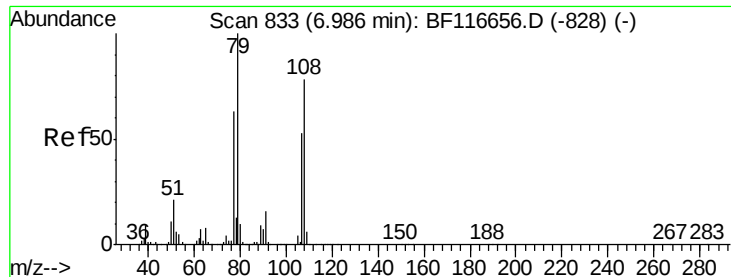
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#14
 1,2-Dichlorobenzene
 Concen: 46.666 ng
 RT: 7.00 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF116990.D
 Acq: 12 Sep 2019 13:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.7	77.5
111	46.2	37.2	55.8





#15

Benzyl Alcohol

Concen: 45.969 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF116990.D

Acq: 12 Sep 2019 13:51

Instrument :

BNA_F

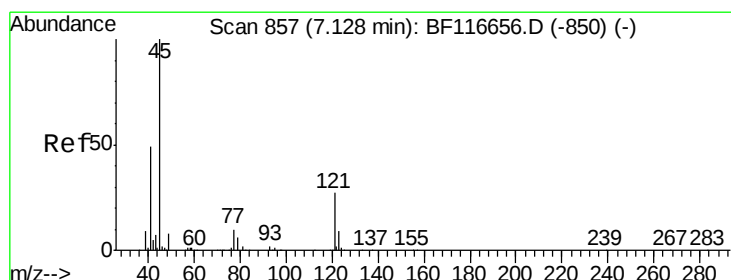
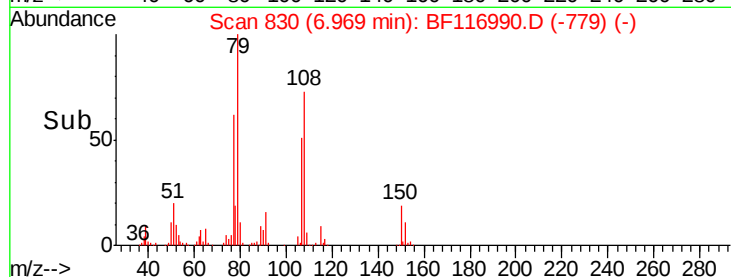
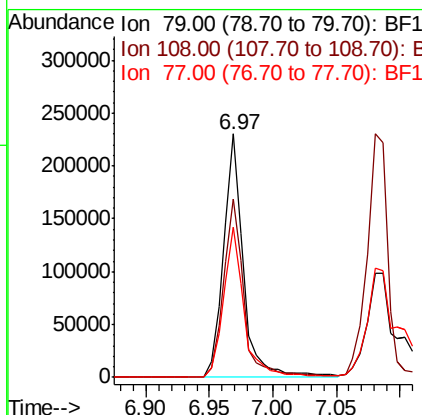
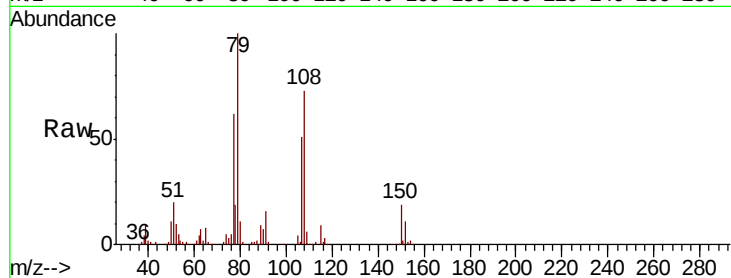
ClientSampleId :

PB123013BS

Tot Ion:	79	Resp:	250814
Ion Ratio	Lower	Upper	
79	100		
108	73.1	60.2	90.4
77	62.0	51.5	77.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.037 ng

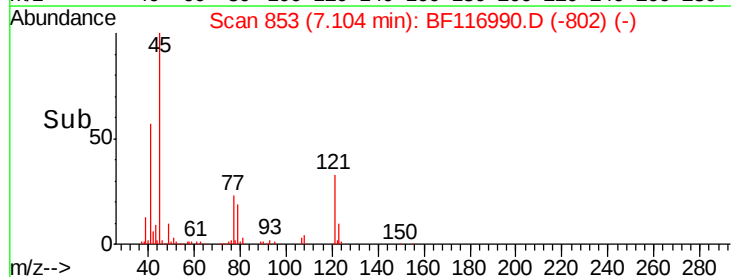
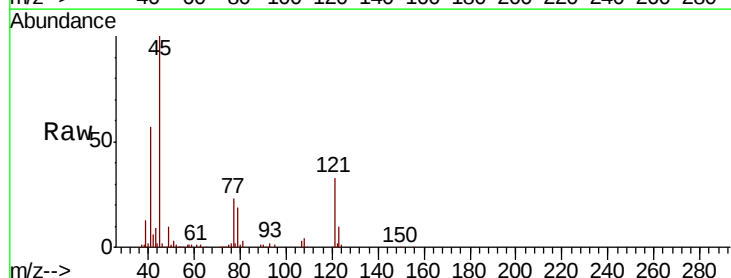
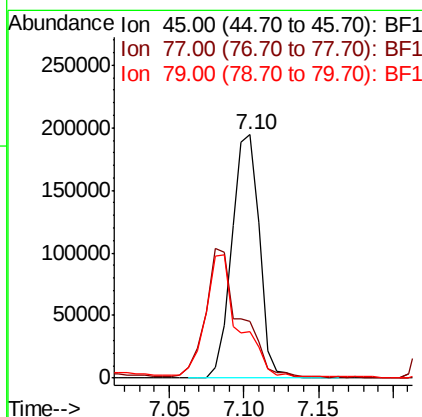
RT: 7.10 min Scan# 853

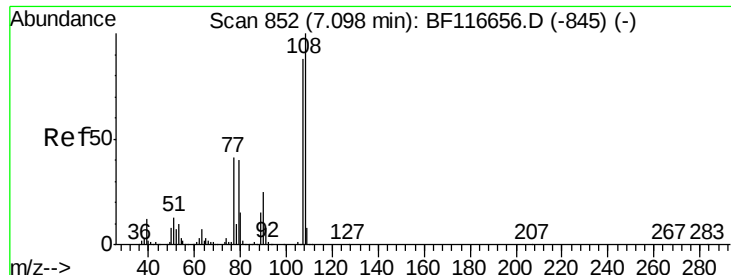
Delta R.T. 0.00 min

Lab File: BF116990.D

Acq: 12 Sep 2019 13:51

Tgt Ion:	45	Resp:	251835
Ion Ratio	Lower	Upper	
45	100		
77	23.4	2.7	42.7
79	19.3	0.0	38.5





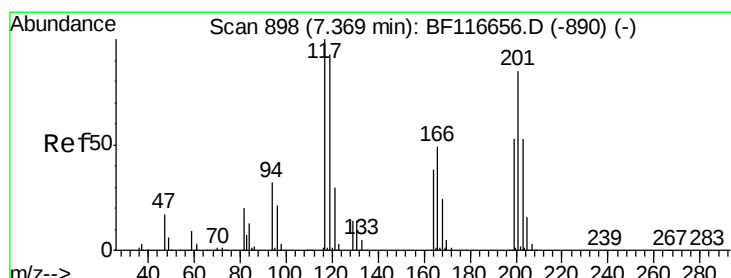
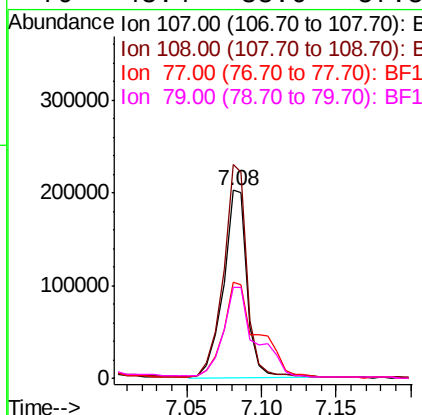
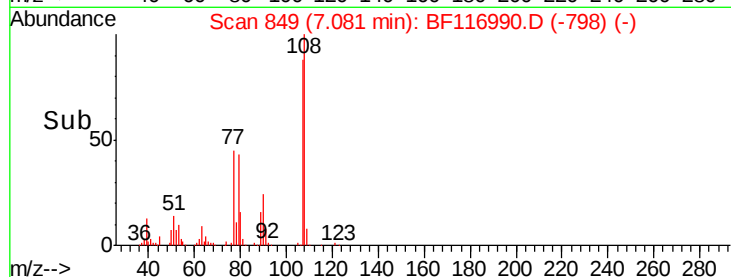
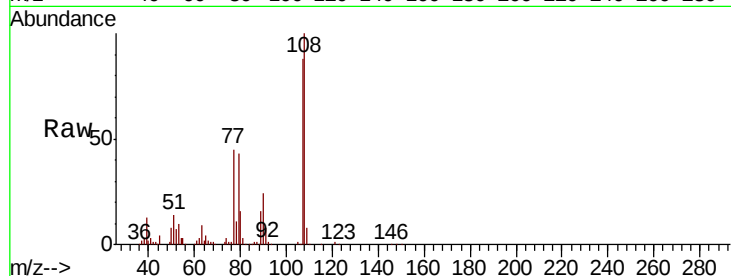
#17
2-Methylphenol
Concen: 46.926 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Instrument :
BNA_F
ClientSampleId :
PB123013BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.8	90.9	136.3	
77	51.0	38.6	58.0	
79	48.4	38.6	57.8	

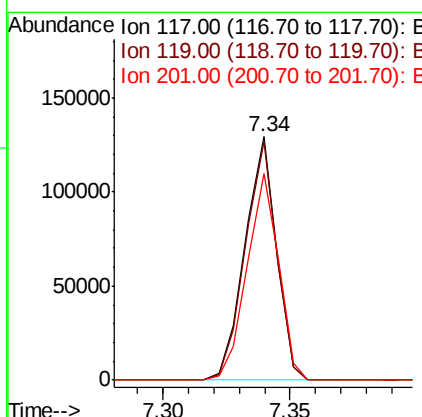
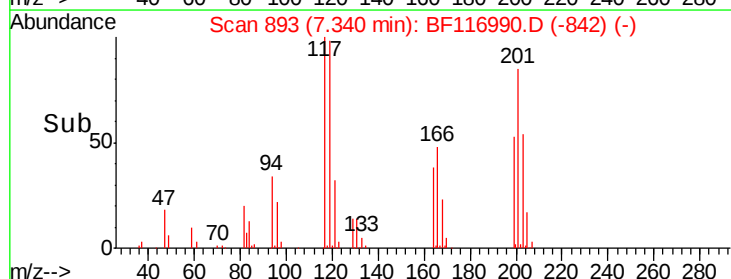
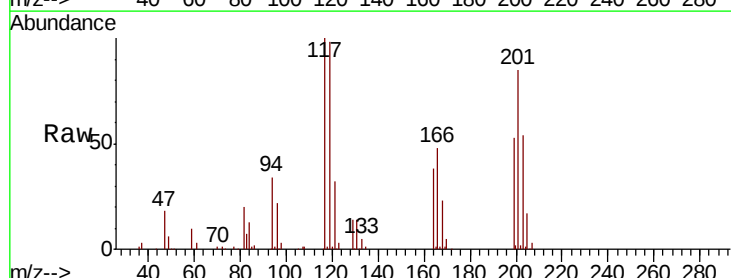
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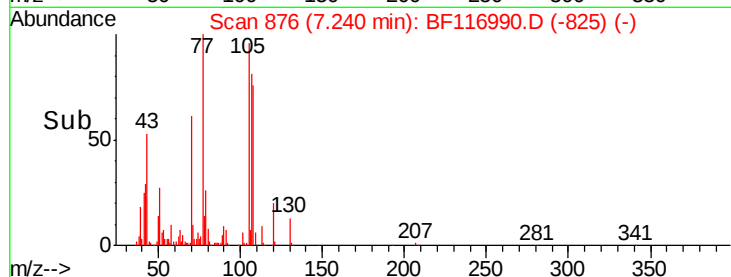
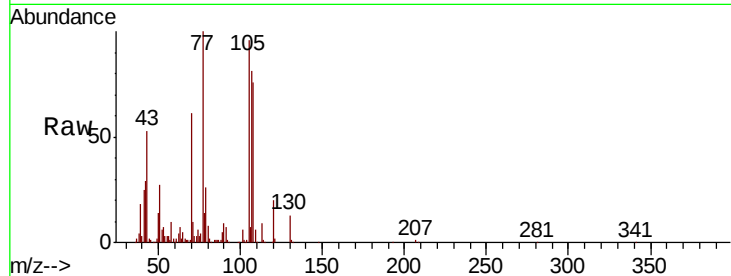
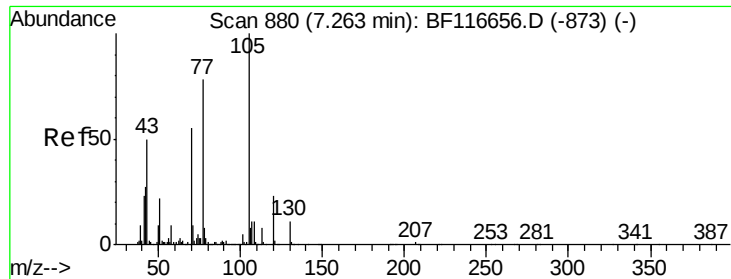
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#18
Hexachloroethane
Concen: 45.902 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.9	76.8	115.2	
201	84.7	68.2	102.2	





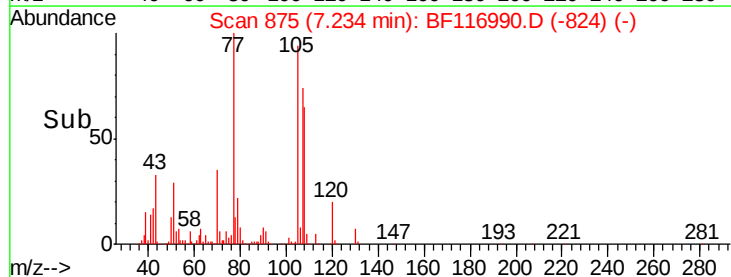
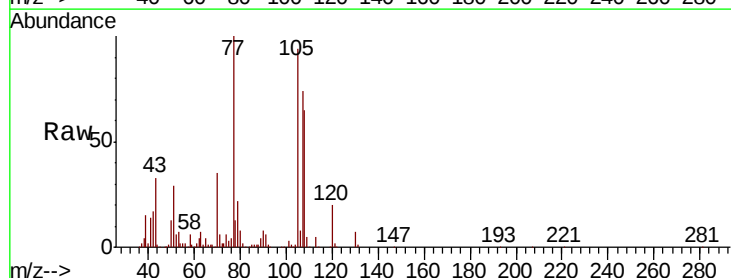
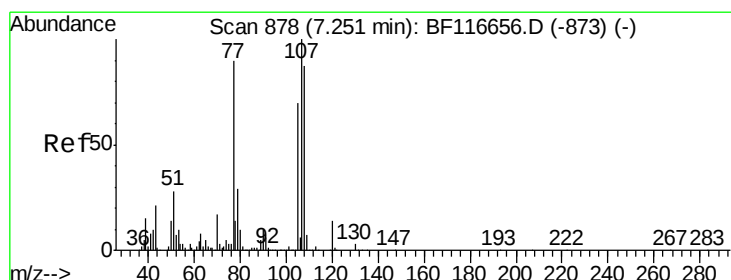
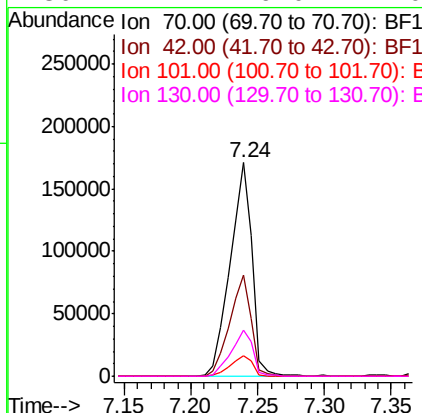
#19
n-Nitroso-di-n-propylamine
Concen: 44.585 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Instrument :
BNA_F
ClientSampleId :
PB123013BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	47.1	37.0	55.4
101	9.7	7.4	11.2
130	21.4	16.0	24.0

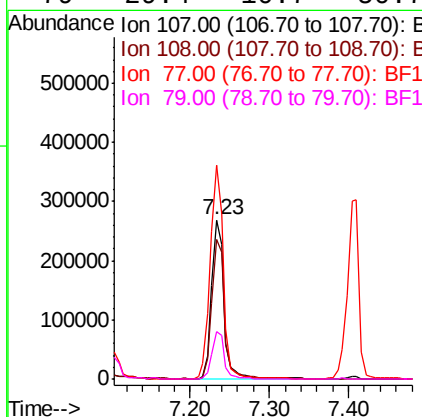
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#20
3+4-Methylphenols
Concen: 50.955 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	71.9	111.9
77	134.4	112.6	152.6
79	29.4	10.7	50.7





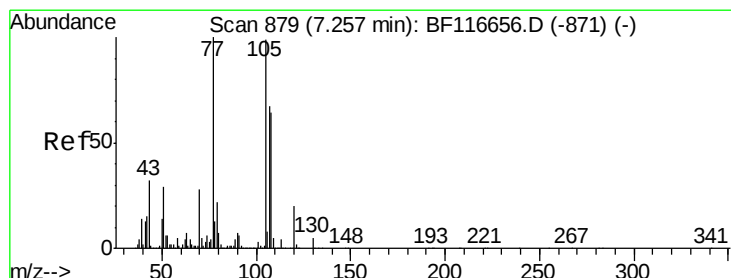
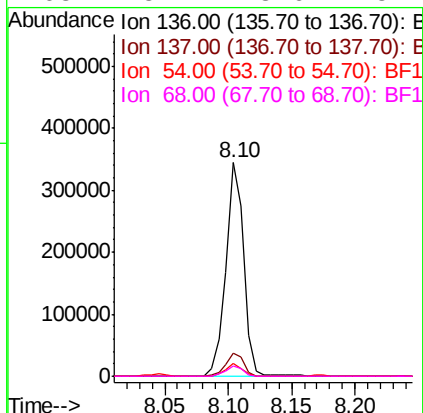
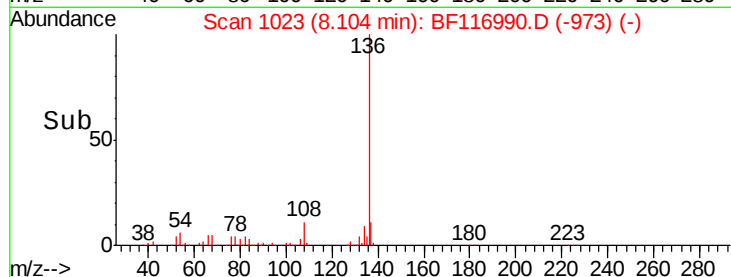
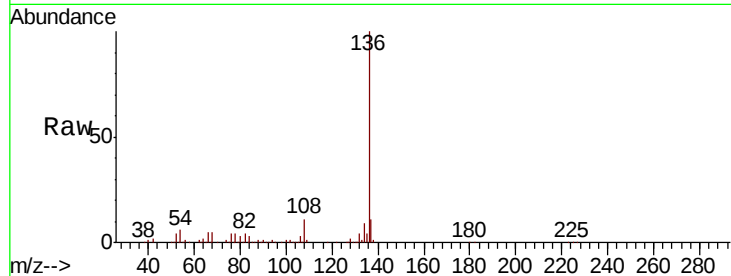
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Instrument :
BNA_F
ClientSampleId :
PB123013BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.5	12.7	
54	5.9	3.8	5.8	
68	5.1	3.6	5.4	

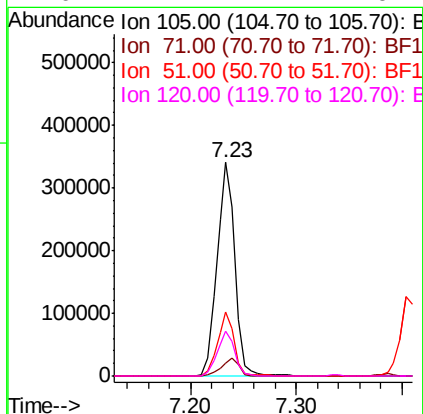
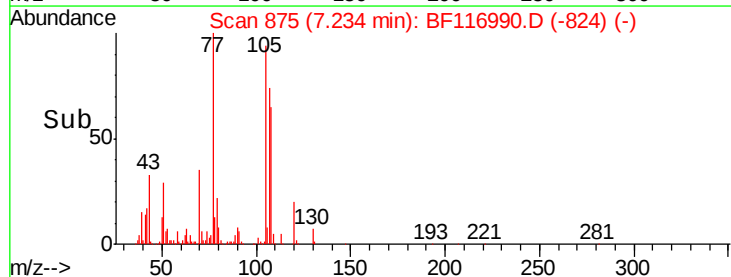
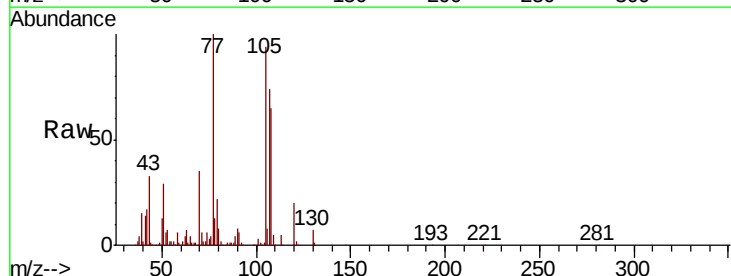
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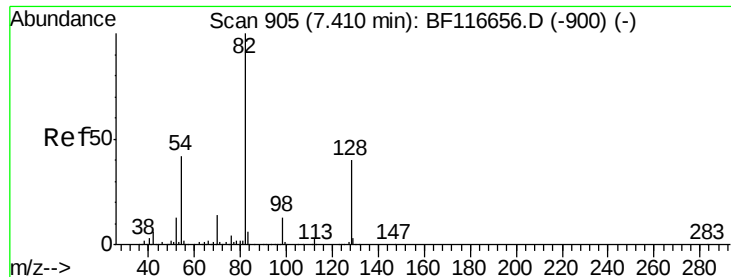
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#22
Acetophenone
Concen: 50.450 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.1	4.2	6.4	
51	30.3	24.6	37.0	
120	21.2	17.4	26.2	





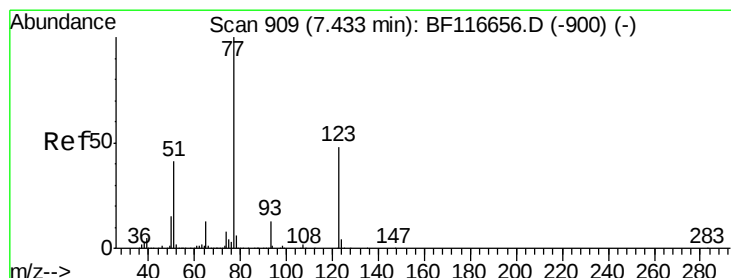
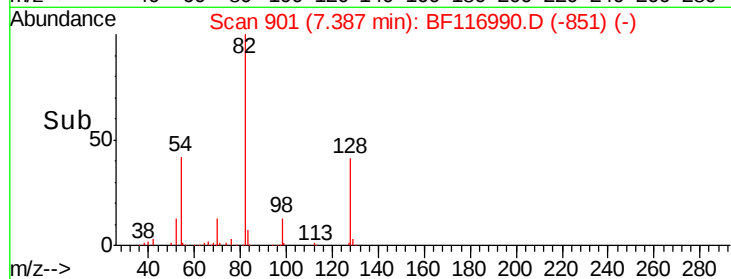
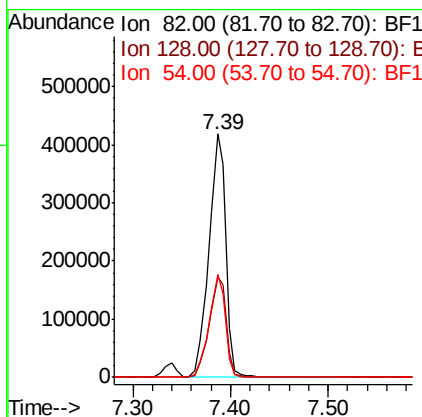
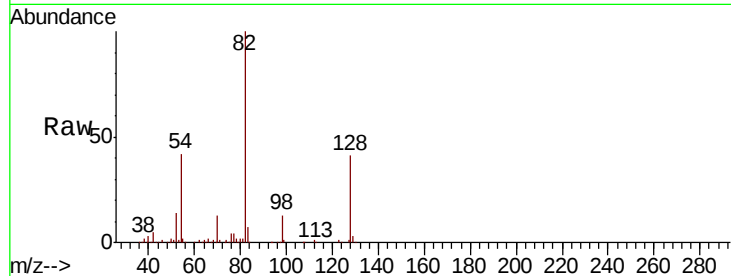
#23
 Nitrobenzene-d5
 Concen: 84.776 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF116990.D
 Acq: 12 Sep 2019 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB123013BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
82	100		497475		
128	41.1	35.0	52.4		
54	42.1	32.6	48.8		

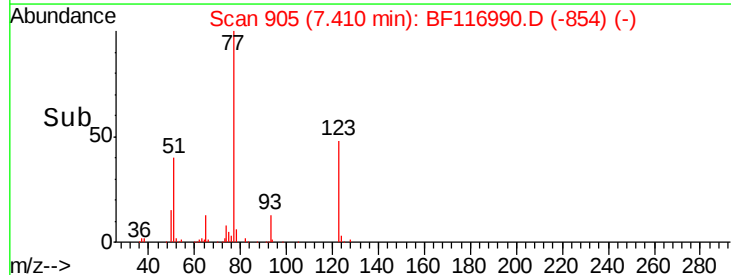
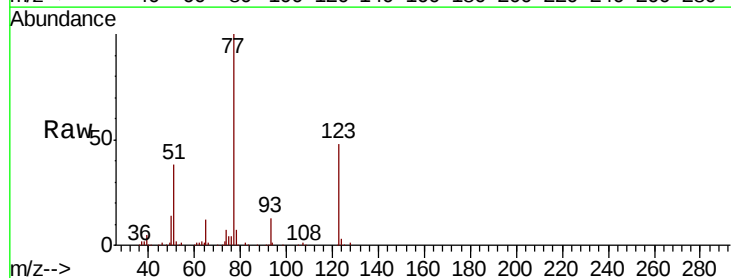
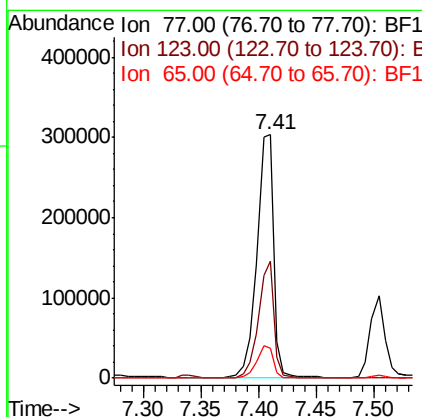
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#24
 Nitrobenzene
 Concen: 52.081 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BF116990.D
 Acq: 12 Sep 2019 13:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
77	100		310824		
123	47.9	37.7	56.5		
65	12.3	10.3	15.5		





#25

Isophorone

Concen: 46.815 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF116990.D

Acq: 12 Sep 2019 13:51

Instrument :

BNA_F

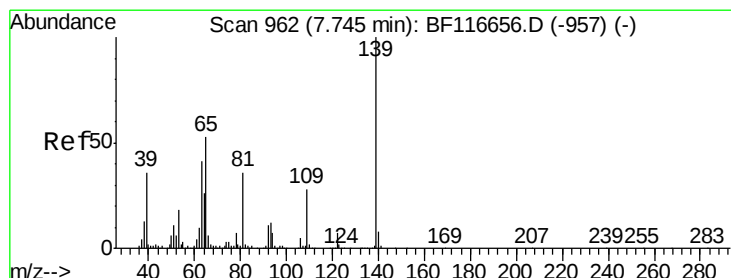
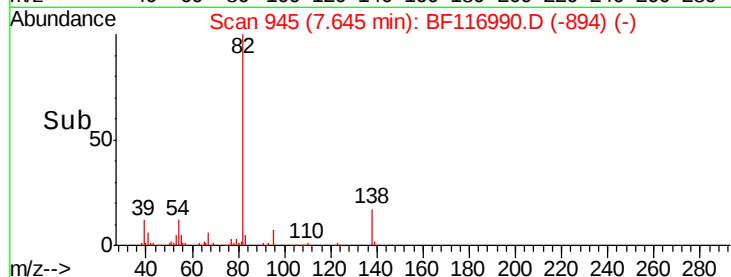
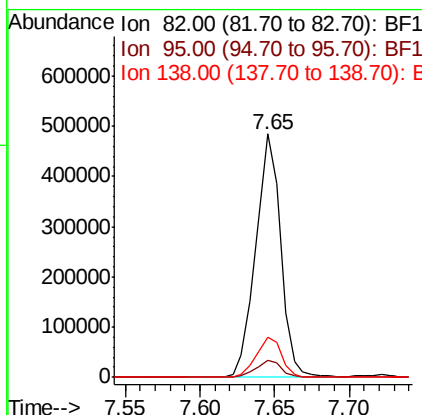
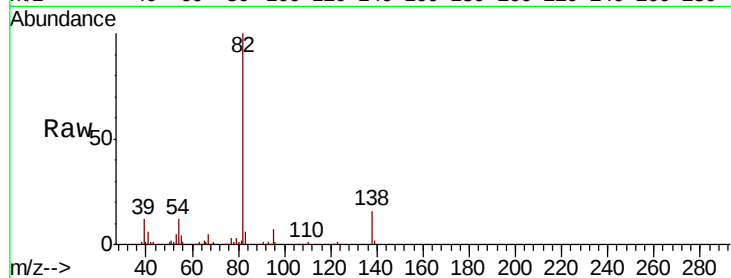
ClientSampleId :

PB123013BS

Tot Ion	82	Resp	556667
Ion Ratio	Lower	Upper	
82	100		
95	7.1	6.0	9.0
138	16.3	13.4	20.2

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#26

2-Nitrophenol

Concen: 64.730 ng

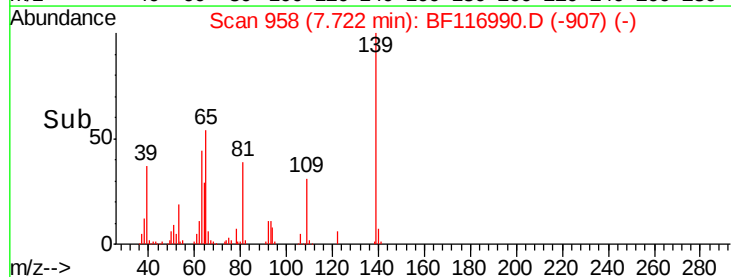
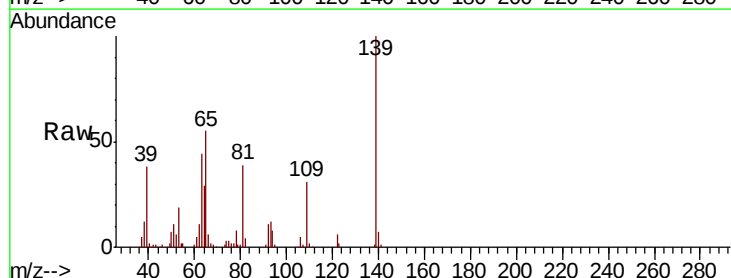
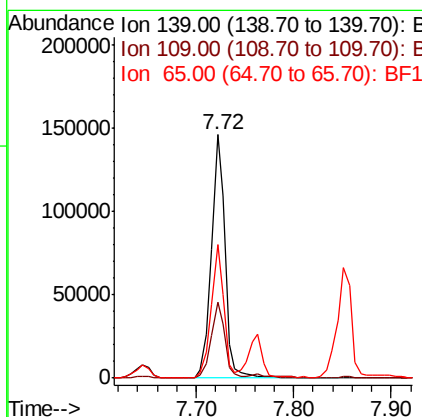
RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF116990.D

Acq: 12 Sep 2019 13:51

Tgt Ion	139	Resp	143626
Ion Ratio	Lower	Upper	
139	100		
109	31.3	26.2	39.4
65	54.7	42.5	63.7





#27

2,4-Dimethylphenol

Concen: 53.933 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF116990.D

Acq: 12 Sep 2019 13:51

Instrument :

BNA_F

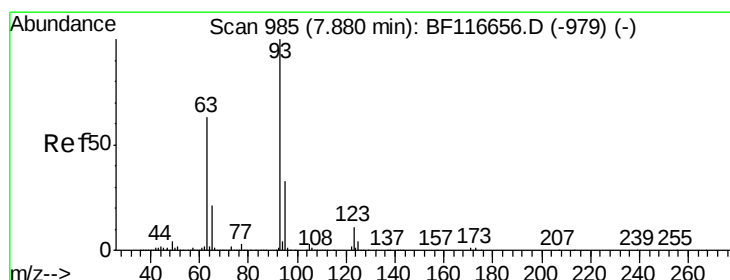
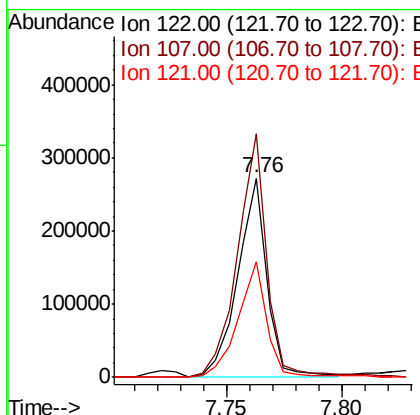
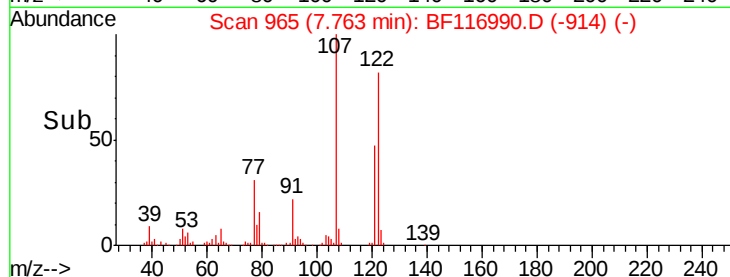
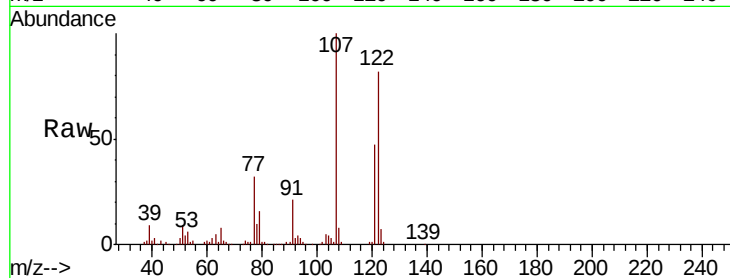
ClientSampleId :

PB123013BS

Tot Ion:	122	Resp:	241684
Ion Ratio	Lower	Upper	
122	100		
107	122.4	98.8	148.2
121	57.9	44.8	67.2

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#28

bis(2-Chloroethoxy)methane

Concen: 45.365 ng

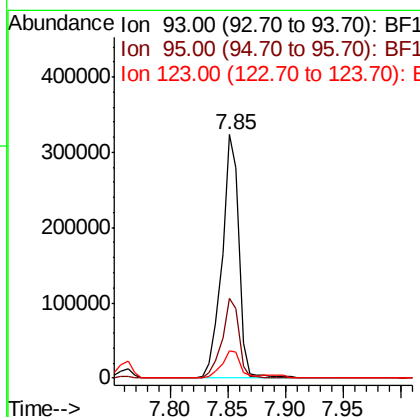
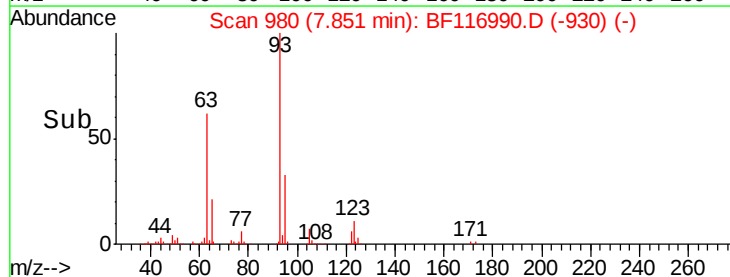
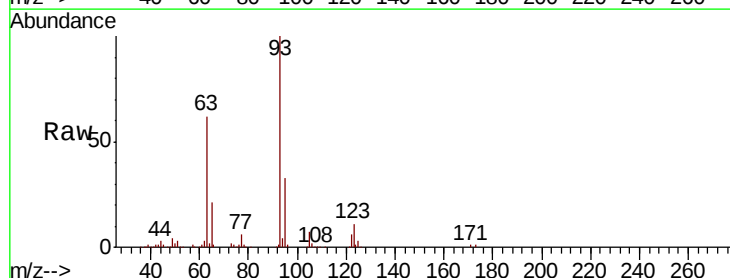
RT: 7.85 min Scan# 980

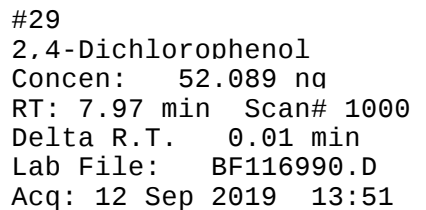
Delta R.T. -0.01 min

Lab File: BF116990.D

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Tgt Ion:	93	Resp:	329645
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.2	39.2
123	11.5	9.7	14.5



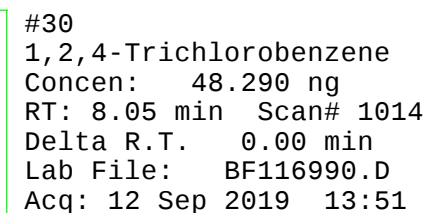
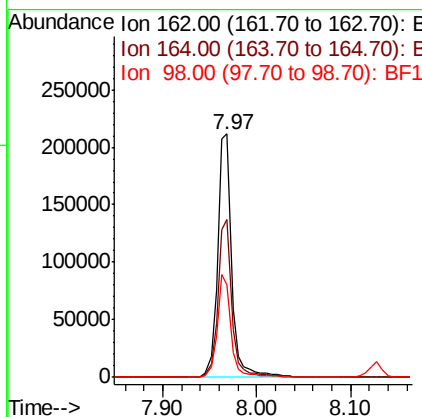


Instrument :
BNA_F
ClientSampleId :
PB123013BS

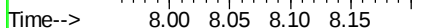
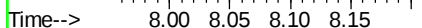
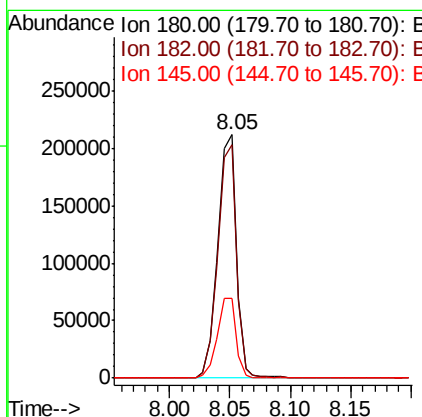
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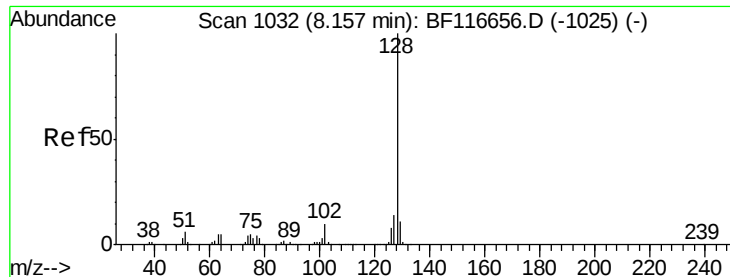
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Tot	Ion:162	Resp:	224320
Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.8	83.8
98	37.8	22.8	62.8



Tgt	Ion:180	Resp:	225564
Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.3	115.9
145	32.7	27.4	41.2





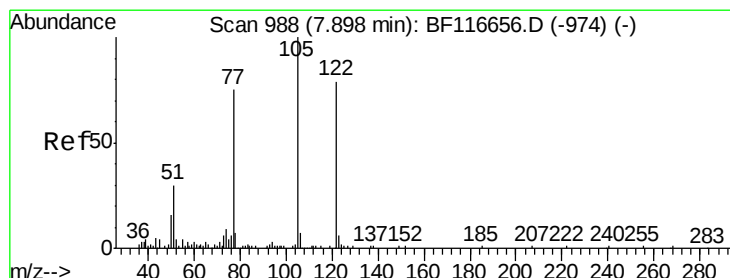
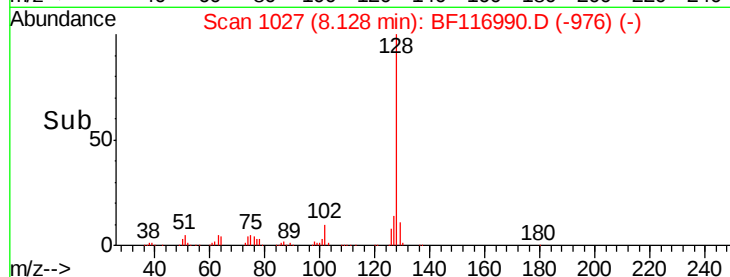
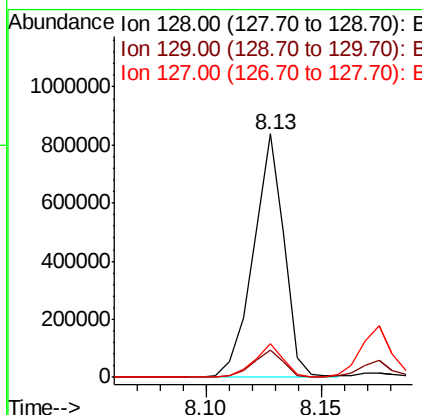
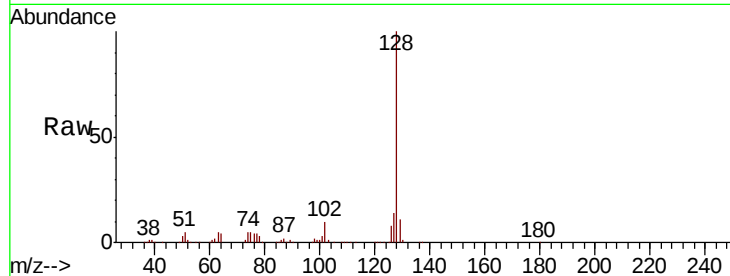
#31
Naphthalene
Concen: 48.814 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Instrument :
BNA_F
ClientSampleId :
PB123013BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	777571		
129	11.4		9.2	13.8
127	13.6		10.6	16.0

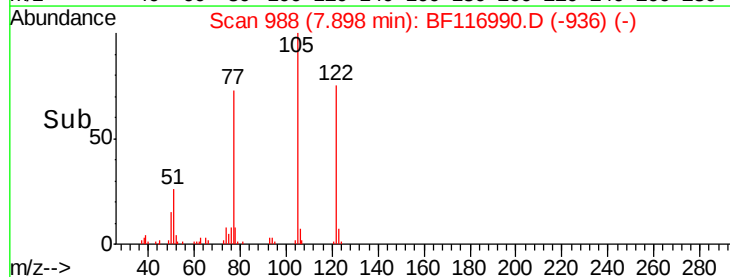
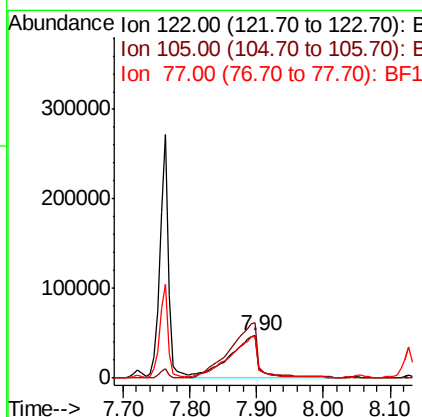
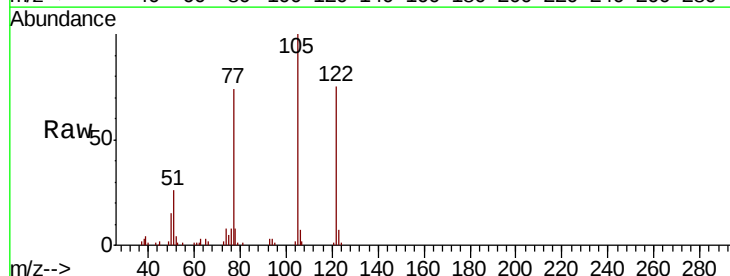
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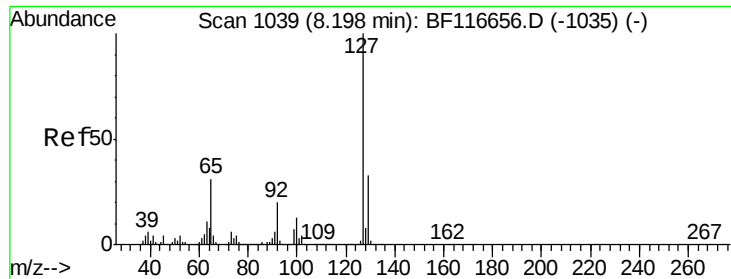
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#32
Benzoic acid
Concen: 57.884 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	146460		
105	132.5		105.8	145.8
77	98.2		74.3	114.3





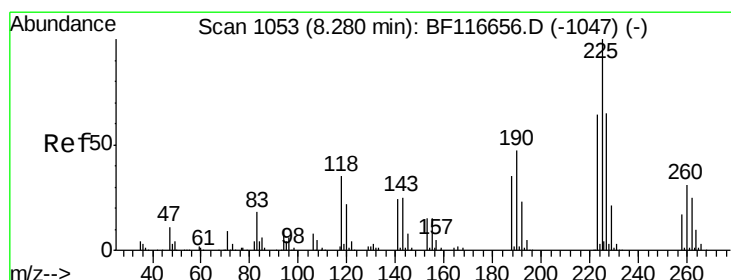
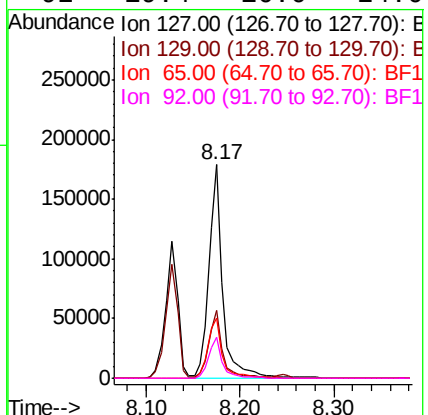
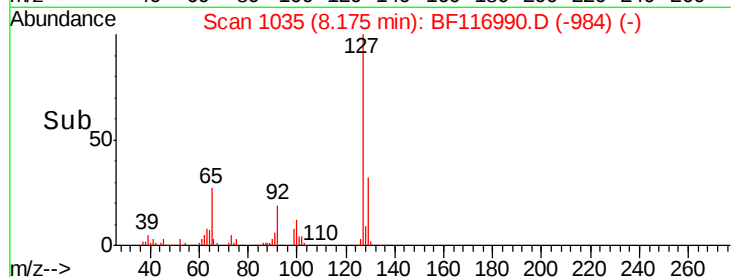
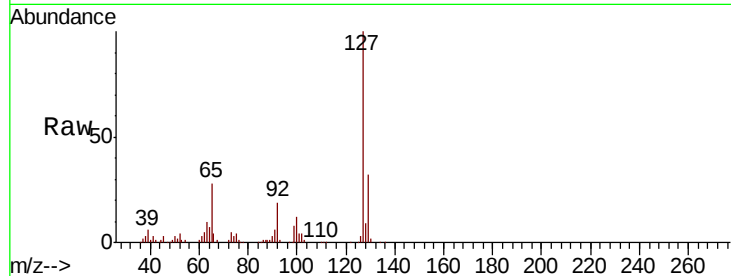
#33
4-Chloroaniline
Concen: 25.692 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Instrument :
BNA_F
ClientSampleId :
PB123013BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	25.8	38.8		
65	28.3	25.3	37.9		
92	19.4	16.0	24.0		

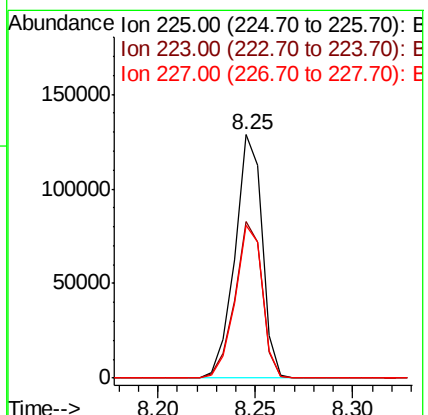
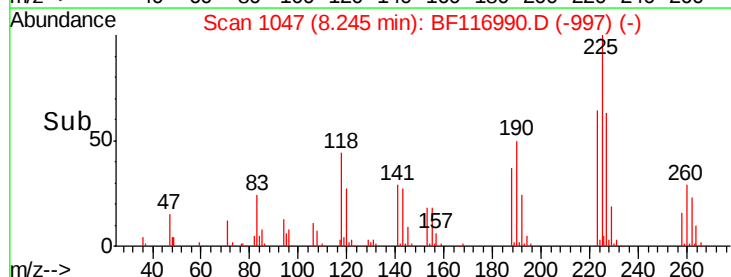
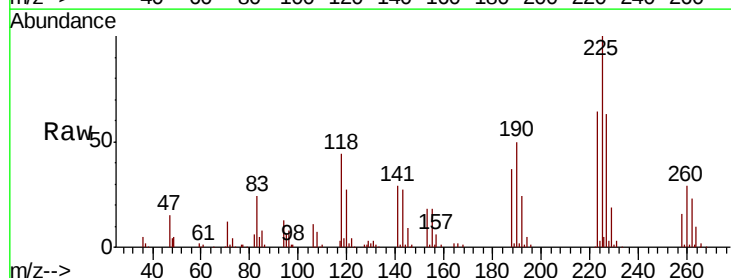
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#34
Hexachlorobutadiene
Concen: 48.876 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.4	49.8	74.6		
227	63.0	50.6	75.8		





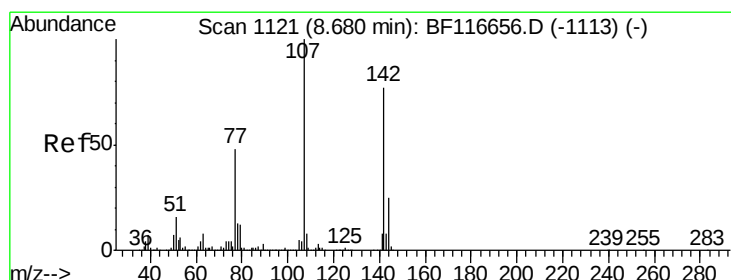
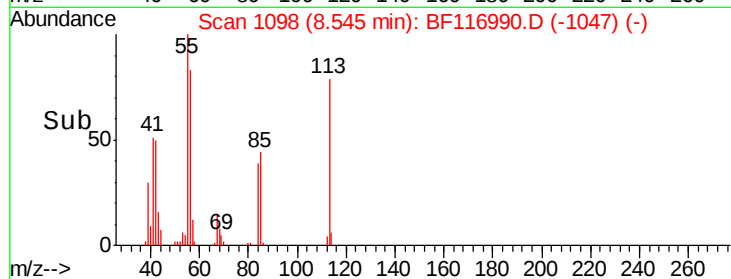
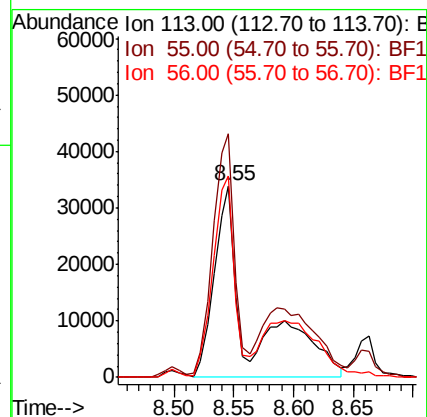
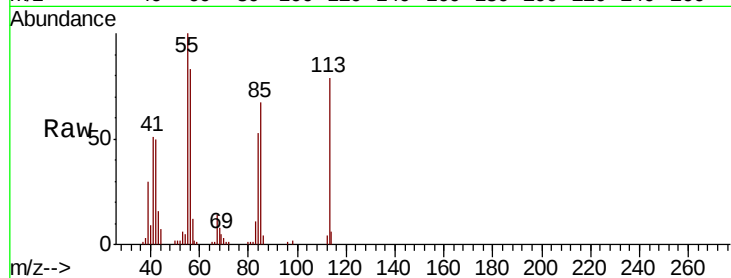
#35
Caprolactam
Concen: 43.480 ng/ml
RT: 8.55 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Instrument :
BNA_F
ClientSampleId :
PB123013BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		70076		
55	127.2		116.6	156.6	
56	105.1		91.3	131.3	

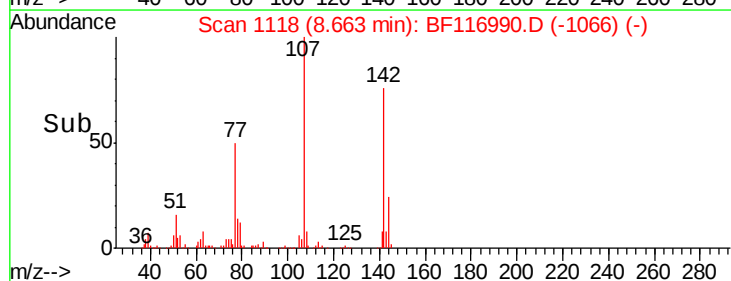
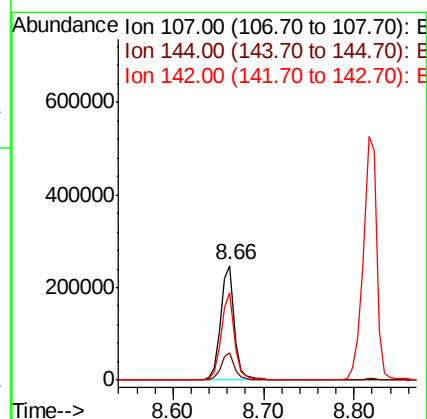
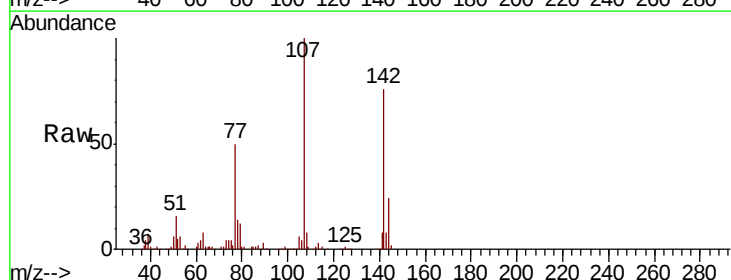
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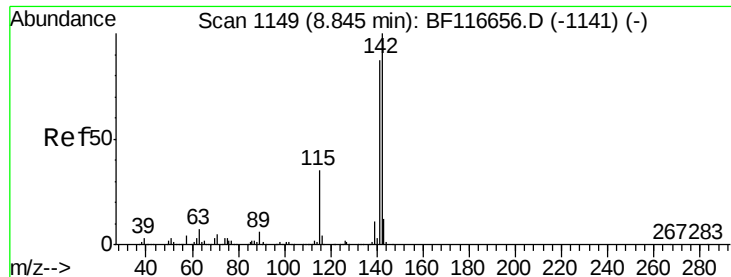
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#36
4-Chloro-3-methylphenol
Concen: 52.834 ng/ml
RT: 8.66 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		261507		
144	23.6		18.6	28.0	
142	75.7		55.9	83.9	





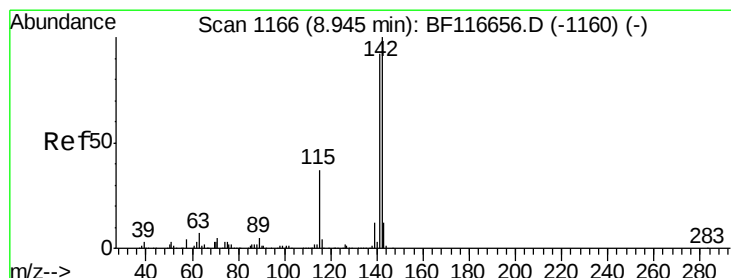
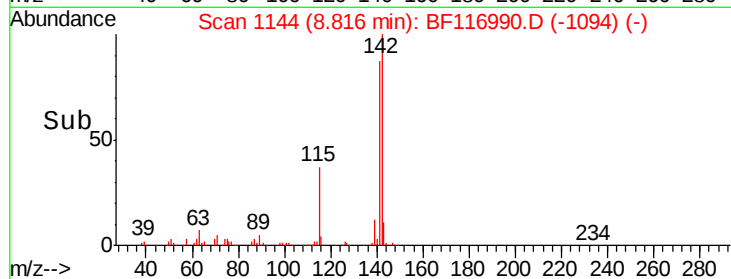
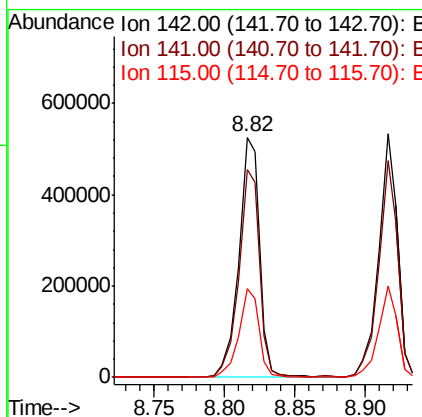
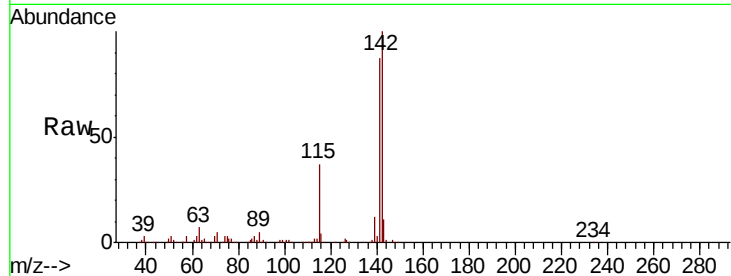
#37
2-Methylnaphthalene
Concen: 50.799 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Instrument :
BNA_F
ClientSampleId :
PB123013BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	538400		
141	86.6	70.5	105.7	
115	36.8	27.7	41.5	

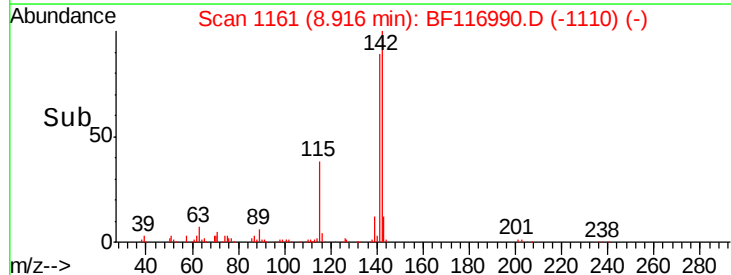
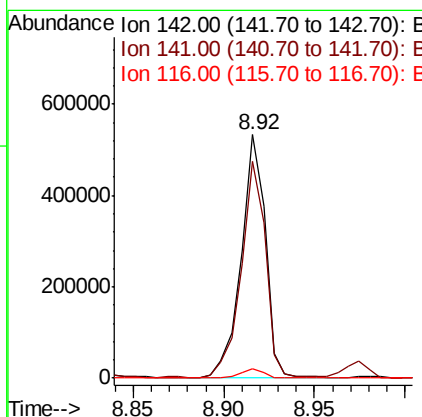
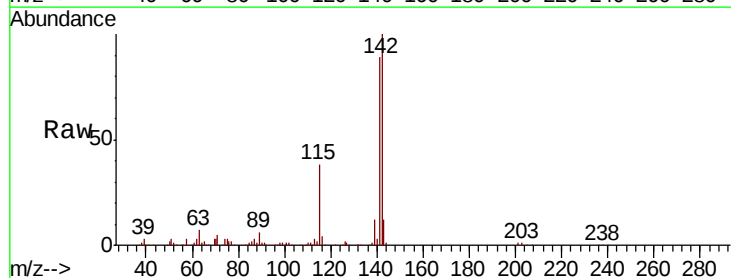
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#38
1-Methylnaphthalene
Concen: 49.205 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	492300		
141	89.2	71.9	107.9	
116	4.1	3.2	4.8	





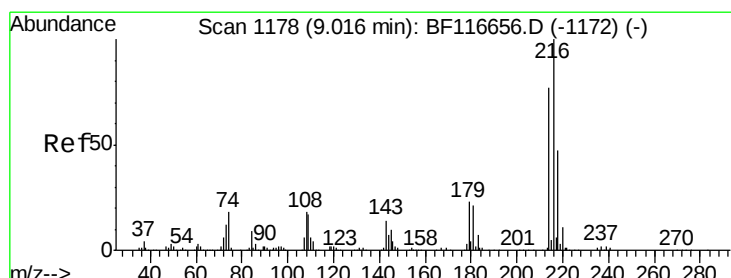
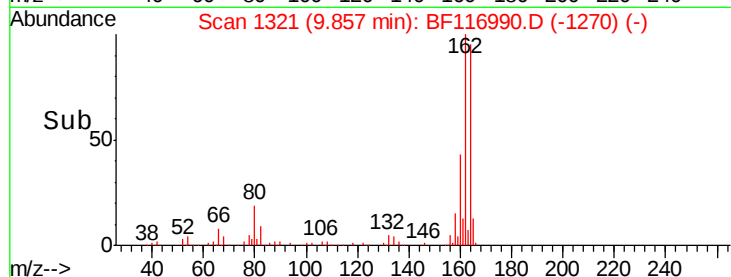
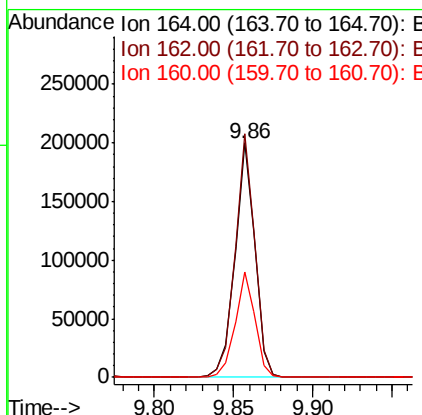
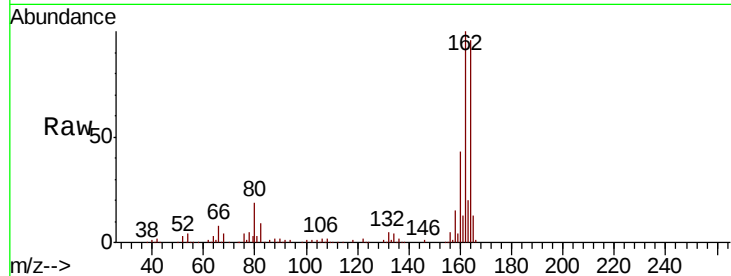
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Instrument :
BNA_F
ClientSampleId :
PB123013BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	175373		
162	103.8	81.8	122.6	
160	44.9	35.7	53.5	

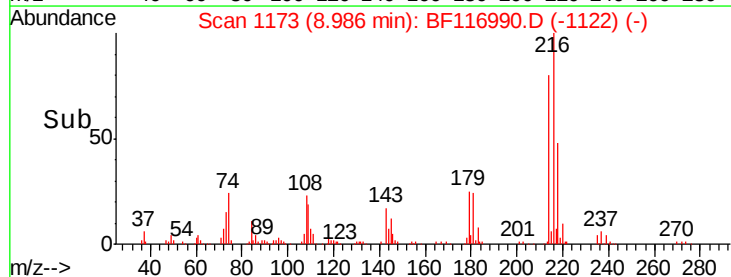
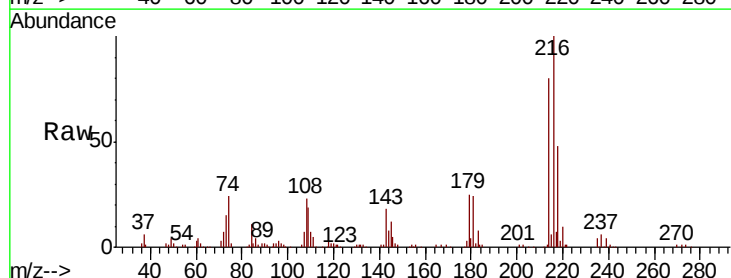
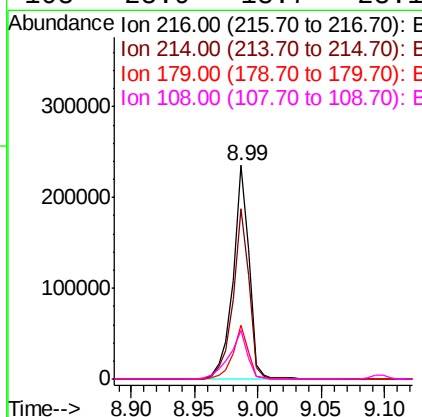
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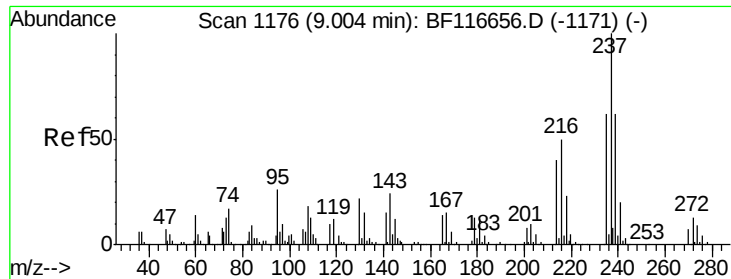
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.405 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	203494		
214	79.7	63.4	95.2	
179	24.1	19.3	28.9	
108	25.9	18.7	28.1	





#41

Hexachlorocyclopentadiene

Concen: 90.371 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF116990.D

Acq: 12 Sep 2019 13:51

Instrument :

BNA_F

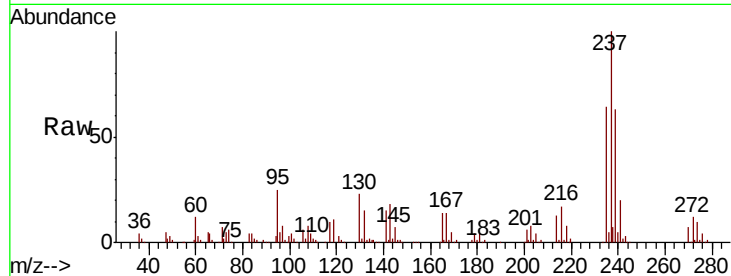
ClientSampleId :

PB123013BS

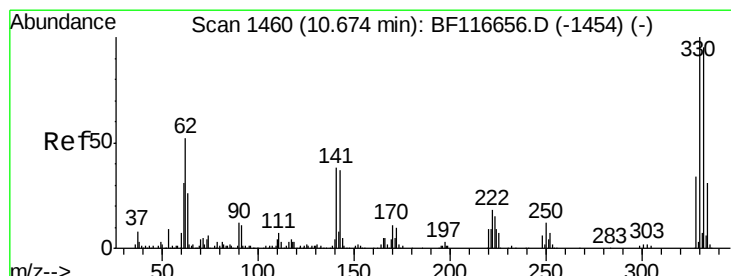
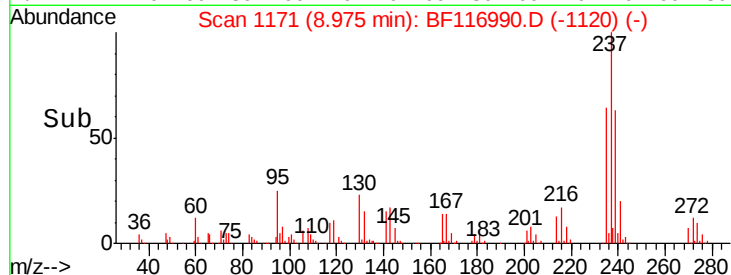
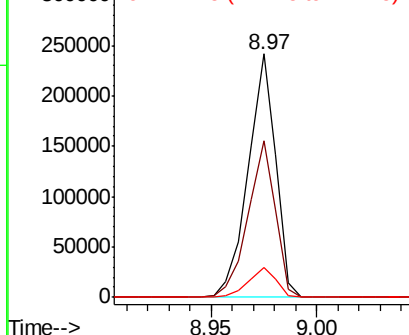
Tot Ion:	237	Resp:	219393
Ion Ratio	Lower	Upper	
237	100		
235	64.2	45.8	85.8
272	12.4	0.0	33.4

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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: 156.323 ng

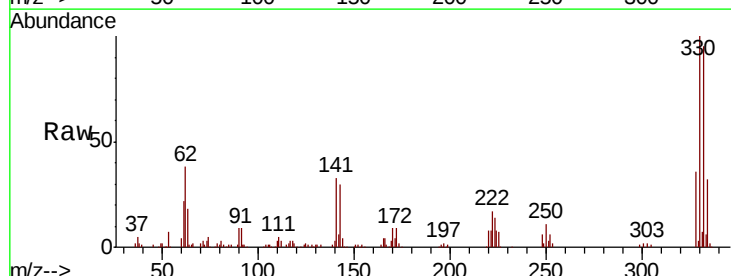
RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

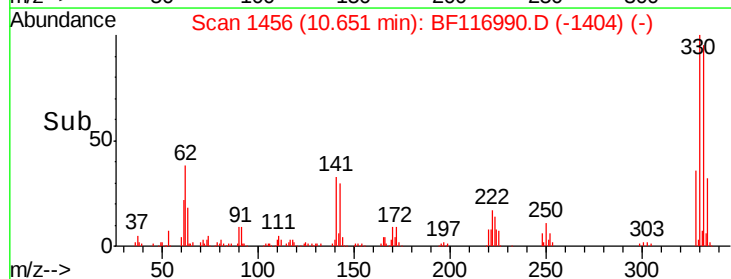
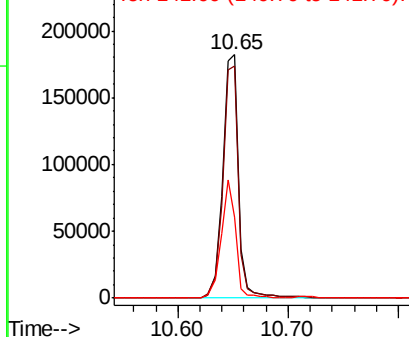
Lab File: BF116990.D

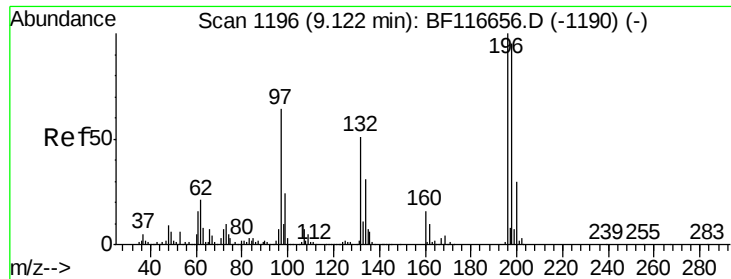
Acq: 12 Sep 2019 13:51

Tgt Ion:	330	Resp:	183274
Ion Ratio	Lower	Upper	
330	100		
332	94.7	75.9	113.9
141	44.6	35.6	53.4



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





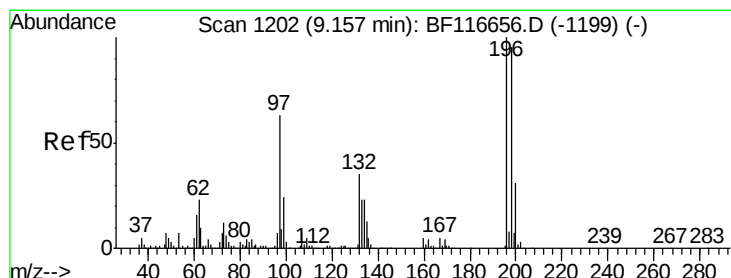
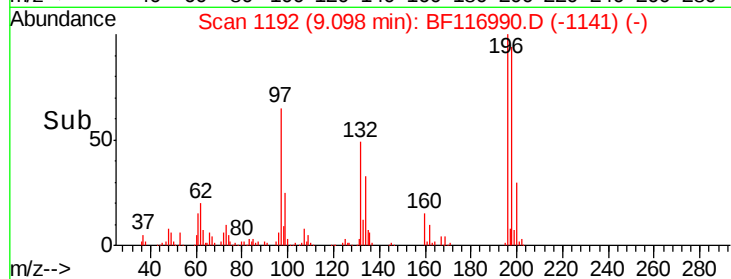
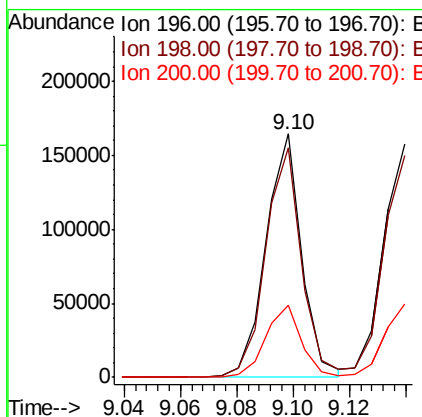
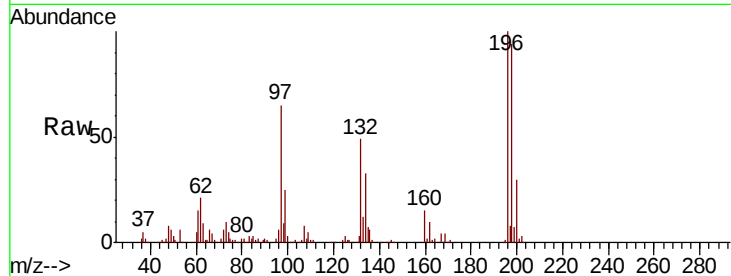
#43
 2,4,6-Trichlorophenol
 Concen: 50.066 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF116990.D
 Acq: 12 Sep 2019 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB123013BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	144281		
198	94.5	77.4	116.0	
200	29.6	24.1	36.1	

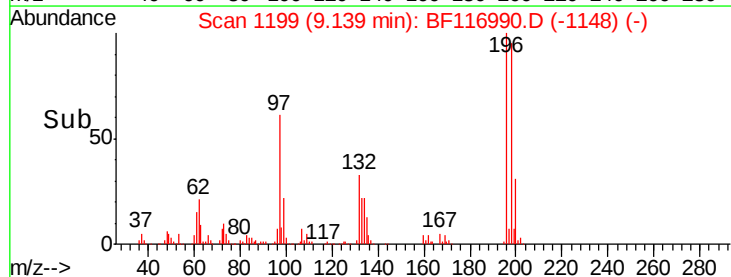
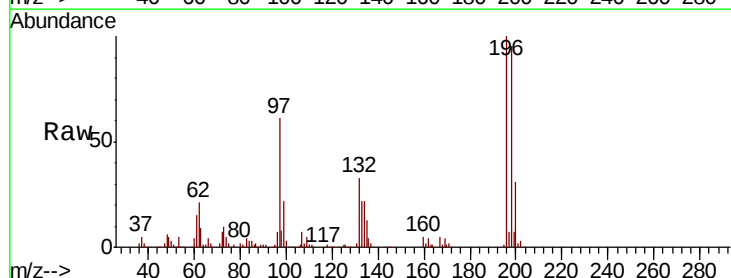
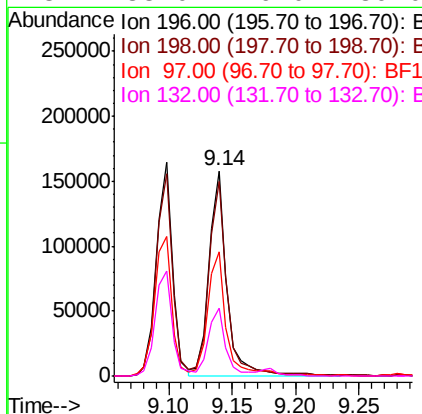
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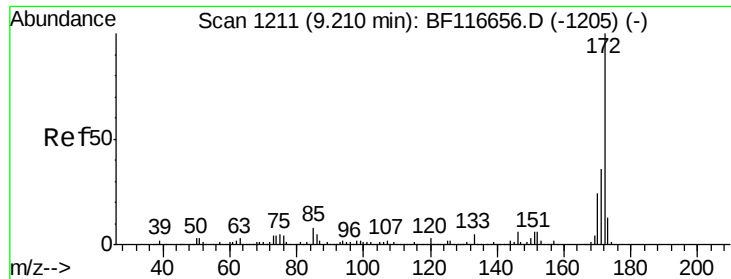
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#44
 2,4,5-Trichlorophenol
 Concen: 52.380 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF116990.D
 Acq: 12 Sep 2019 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	156714		
198	94.7	74.7	112.1	
97	60.8	45.4	68.0	
132	33.0	26.0	39.0	





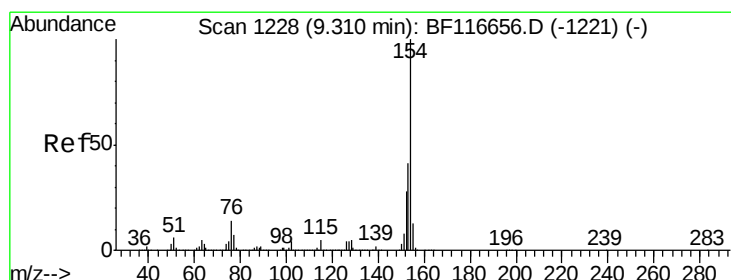
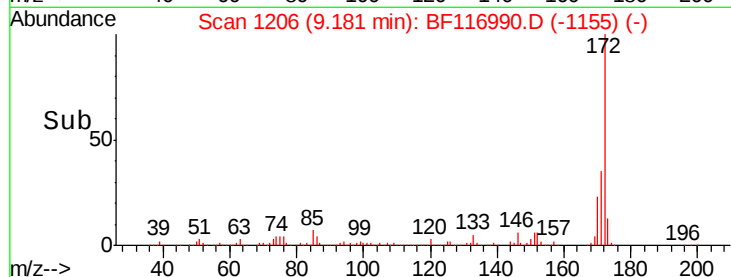
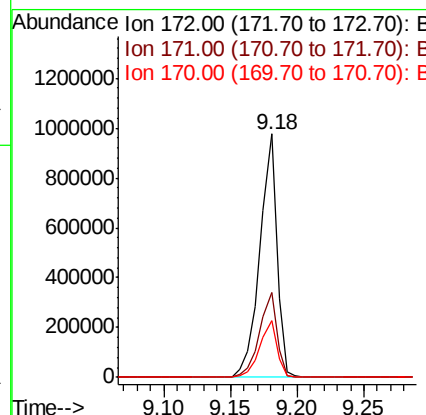
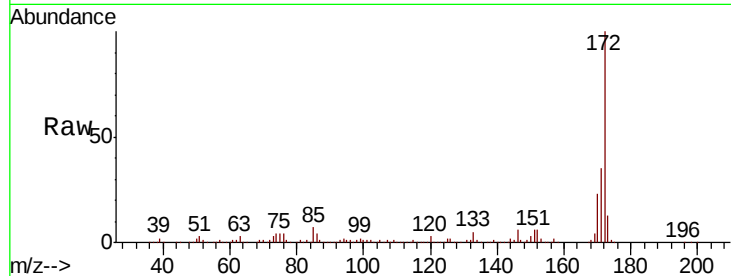
#45
2-Fluorobiphenyl
Concen: 82.332 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Instrument :
BNA_F
ClientSampleId :
PB123013BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	855943		
171	35.1	29.1	43.7	
170	23.1	19.2	28.8	

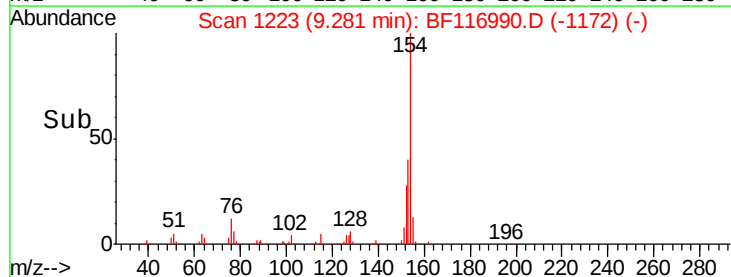
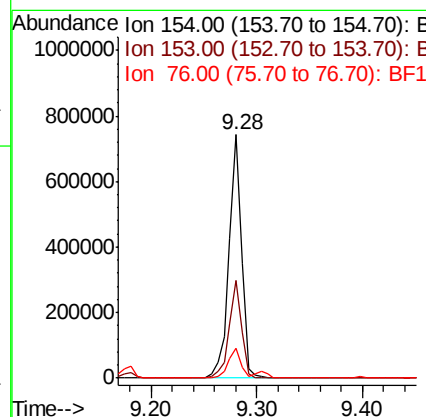
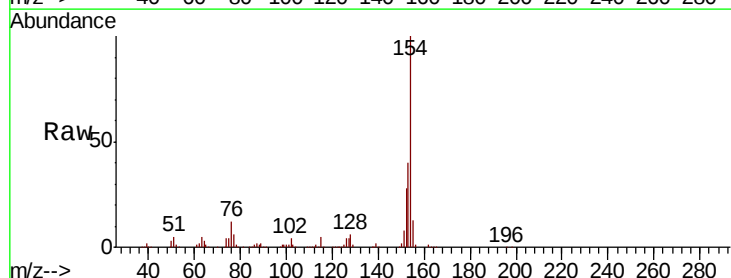
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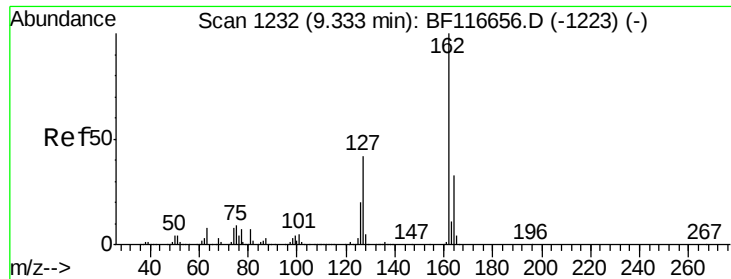
mohammad
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#46
1,1'-Biphenyl
Concen: 46.661 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	620936		
153	40.2	19.8	59.8	
76	12.4	0.0	32.8	





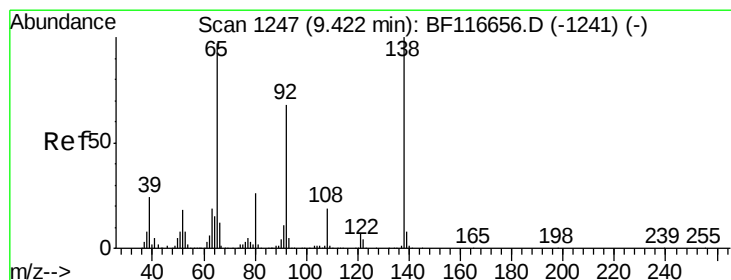
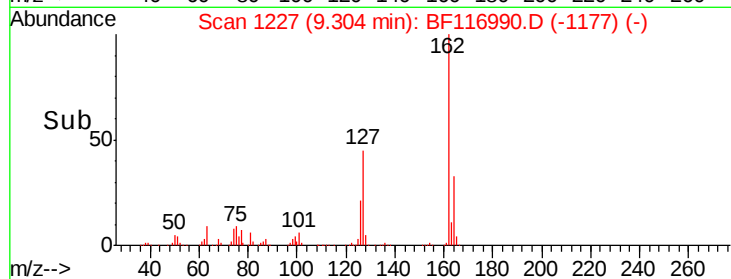
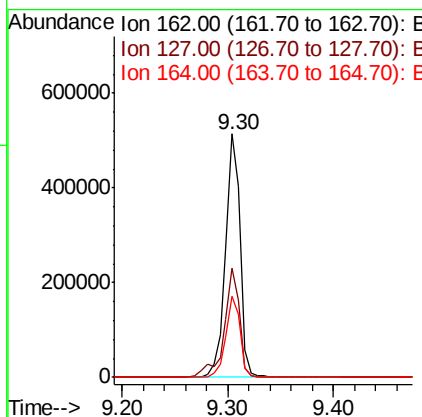
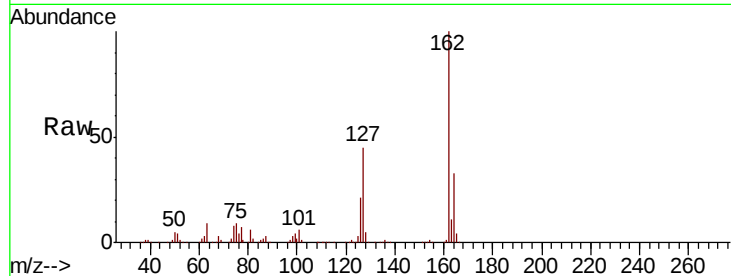
#47
2-Chloronaphthalene
Concen: 46.727 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Instrument :
BNA_F
ClientSampleId :
PB123013BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	492501		
127	44.9	32.7	49.1	
164	33.4	27.0	40.4	

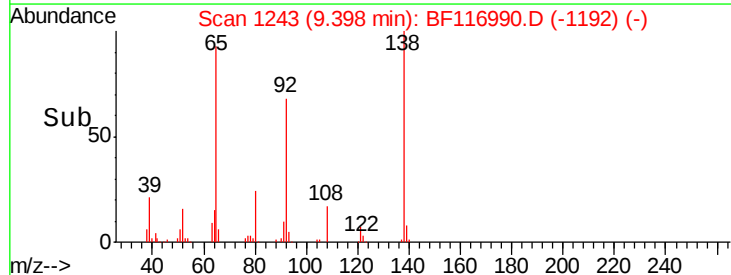
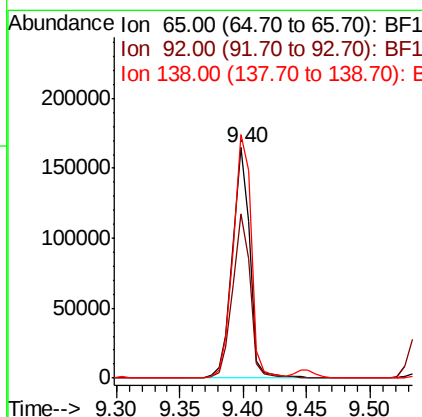
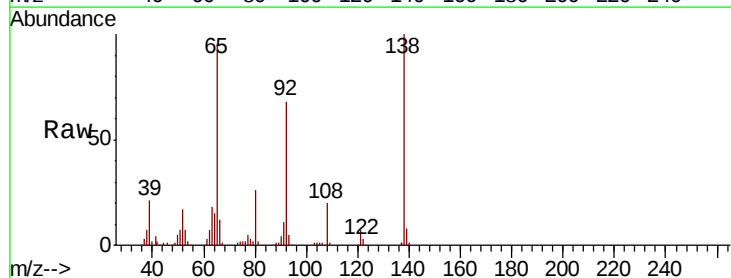
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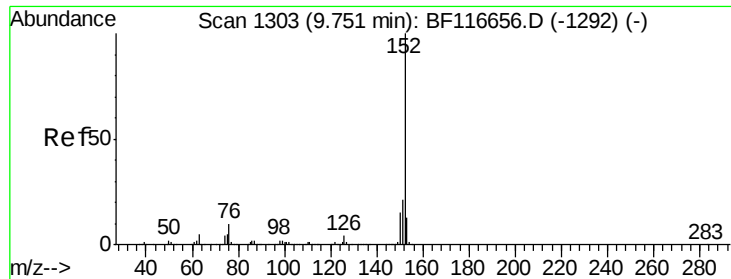
mohammad
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#48
2-Nitroaniline
Concen: 51.085 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	155664		
92	71.5	59.0	88.6	
138	105.7	84.2	126.2	





#49

Acenaphthylene

Concen: 48.394 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF116990.D

Acq: 12 Sep 2019 13:51

Instrument :

BNA_F

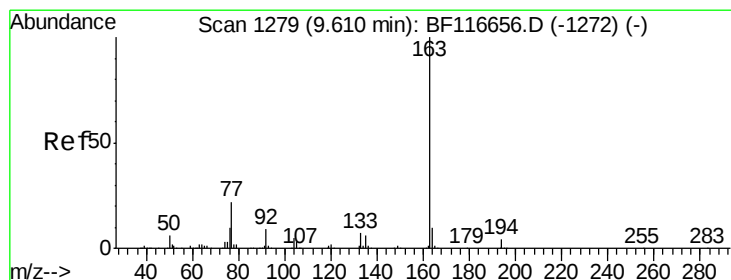
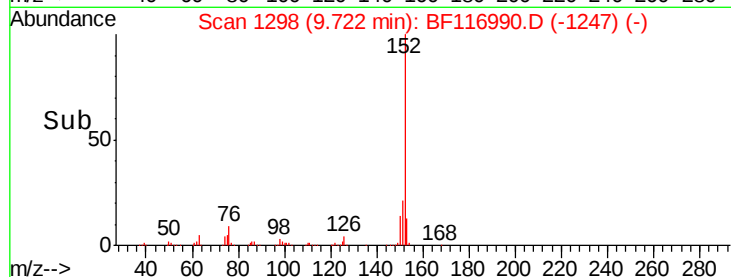
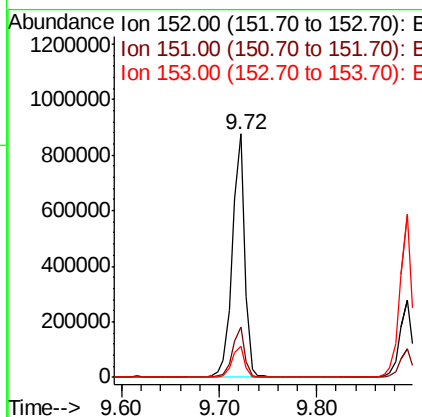
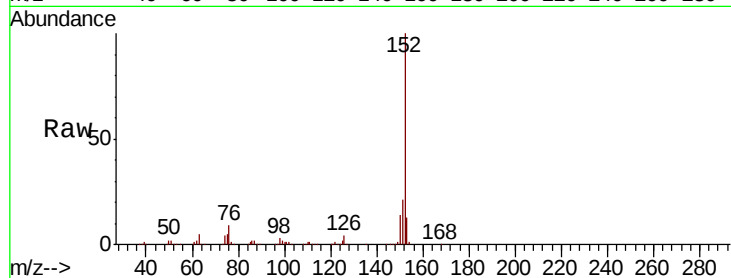
ClientSampleId :

PB123013BS

Tot Ion:	152	Resp:	771044
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.1	24.1
153	12.9	10.3	15.5

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#50

Dimethylphthalate

Concen: 47.007 ng

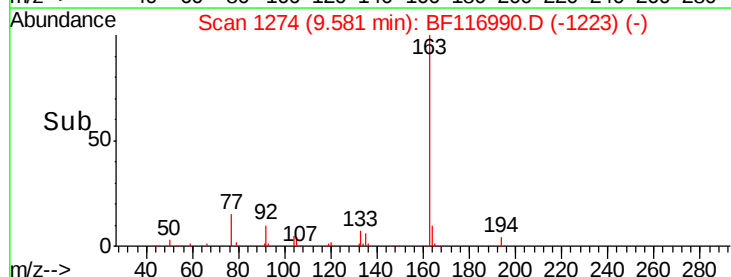
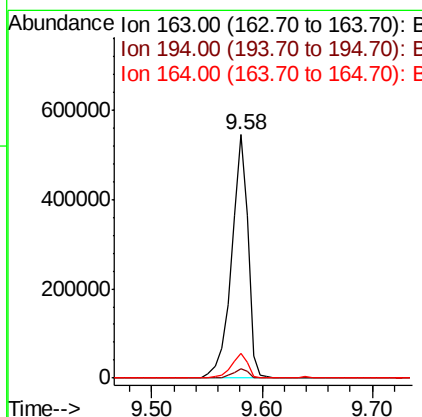
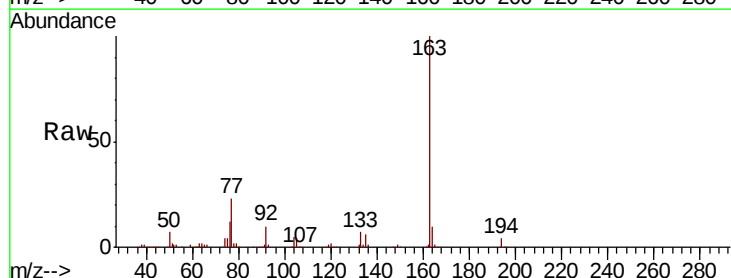
RT: 9.58 min Scan# 1274

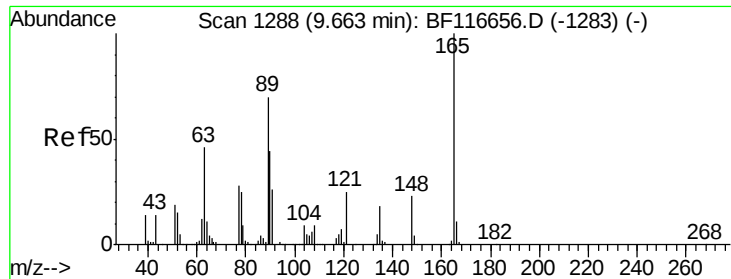
Delta R.T. 0.00 min

Lab File: BF116990.D

Acq: 12 Sep 2019 13:51

Tgt Ion:	163	Resp:	569147
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.7	4.1
164	10.1	8.2	12.4





#51

2,6-Dinitrotoluene

Concen: 54.266 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF116990.D

Acq: 12 Sep 2019 13:51

Instrument :

BNA_F

ClientSampleId :

PB123013BS

Tot Ion:165 Resp: 125358

Ion Ratio Lower Upper

165 100

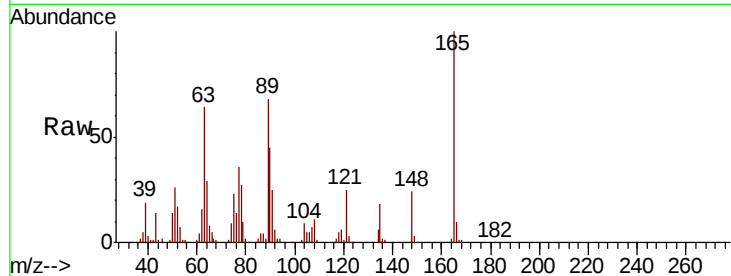
63 64.4 38.0 57.0#

89 67.5 44.1 66.1#

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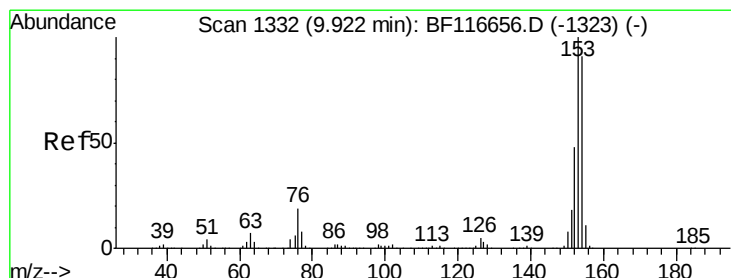
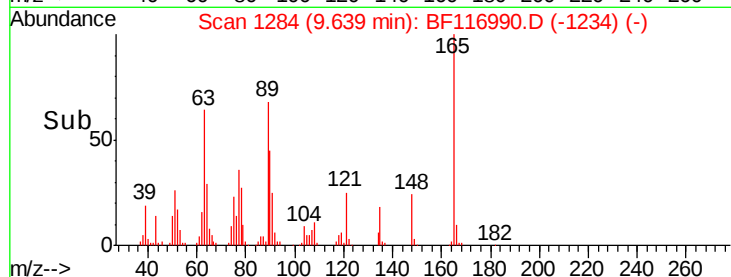
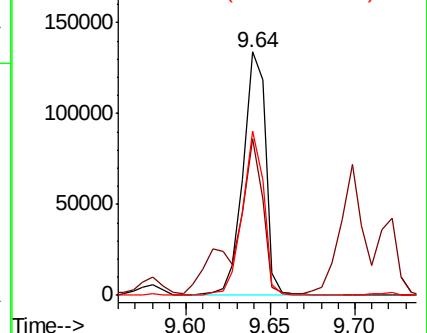
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 45.656 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BF116990.D

Acq: 12 Sep 2019 13:51

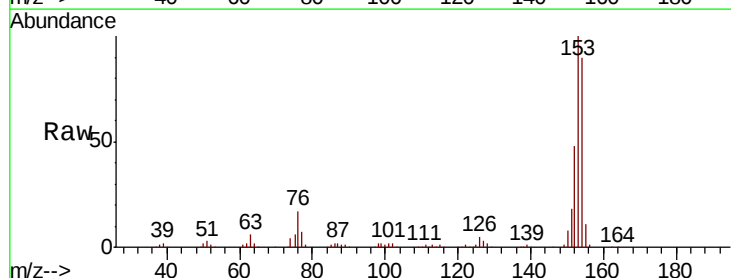
Tgt Ion:154 Resp: 446950

Ion Ratio Lower Upper

154 100

153 111.5 89.9 134.9

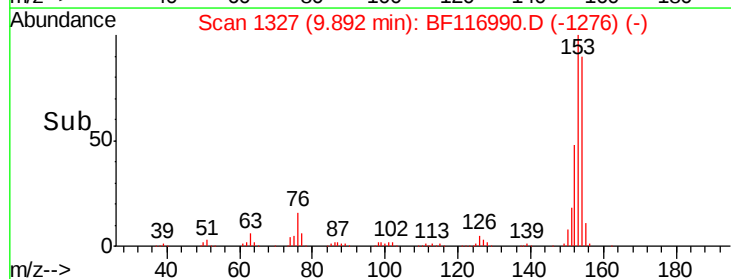
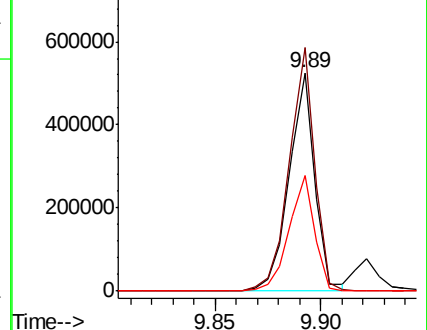
152 53.0 42.6 63.8

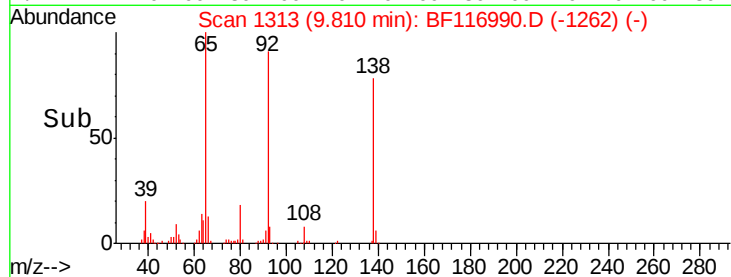
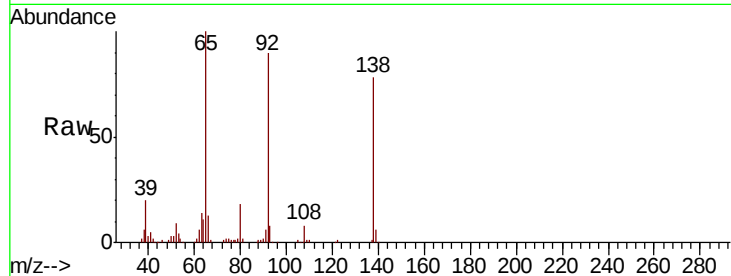


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





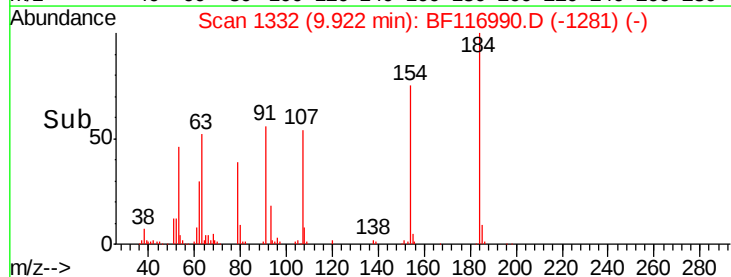
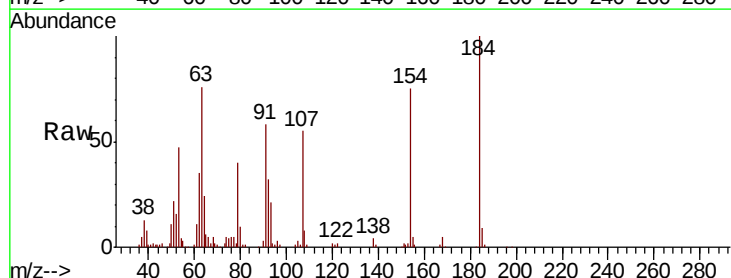
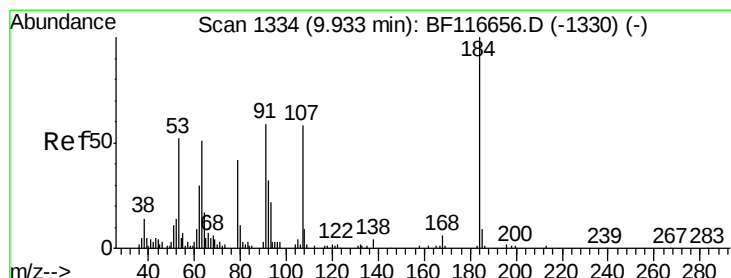
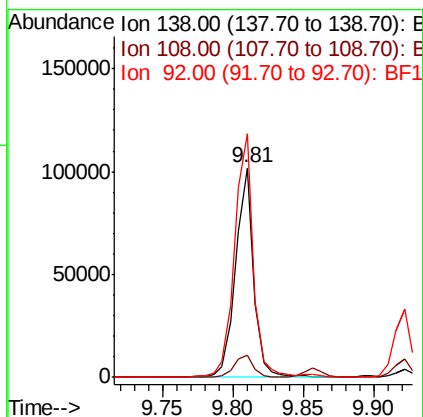
#53
3-Nitroaniline
Concen: 31.408 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Instrument :
BNA_F
ClientSampleId :
PB123013BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.3	13.9
92	116.3	98.9	148.3

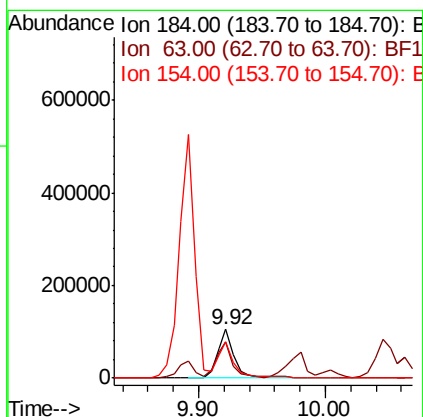
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#54
2,4-Dinitrophenol
Concen: 116.186 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Tgt Ion	Ratio	Lower	Upper
184	100		
63	75.5	49.0	73.4#
154	74.6	58.3	87.5





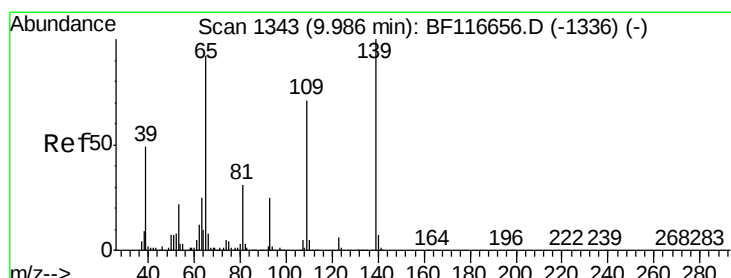
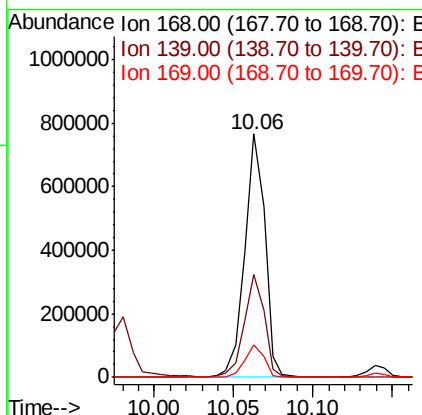
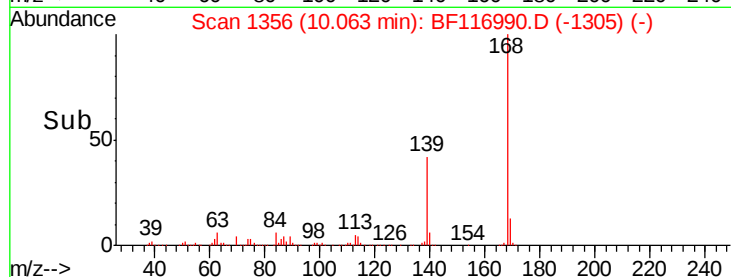
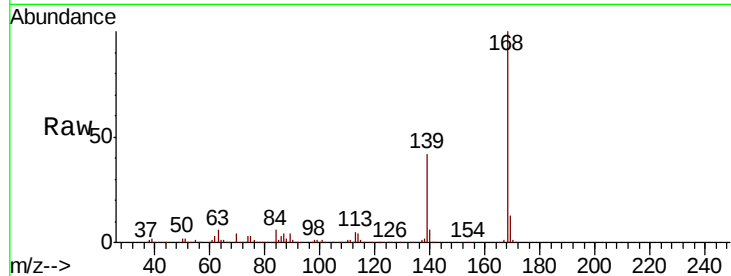
#55
Dibenzofuran
Concen: 48.988 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Instrument :
BNA_F
ClientSampled :
PB123013BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.5	34.2	51.4
169	13.2	11.0	16.4

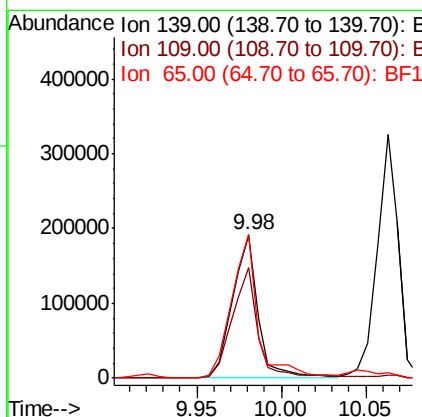
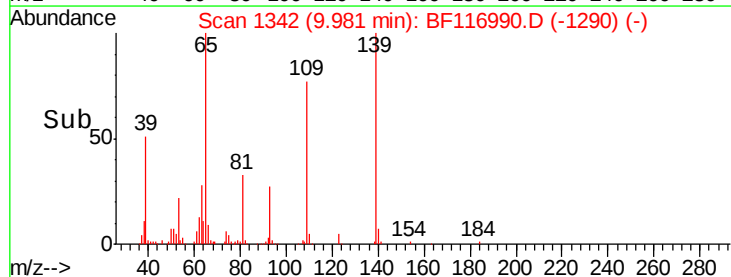
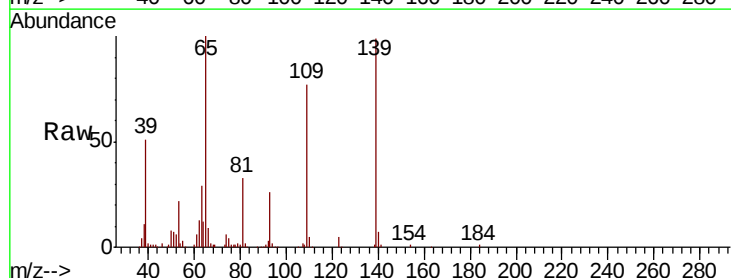
Manual Integrations
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#56
4-Nitrophenol
Concen: 101.791 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.3	54.0	94.0
65	100.7	74.0	114.0





#57

2,4-Dinitrotoluene

Concen: 60.397 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF116990.D

Acq: 12 Sep 2019 13:51

Instrument :

BNA_F

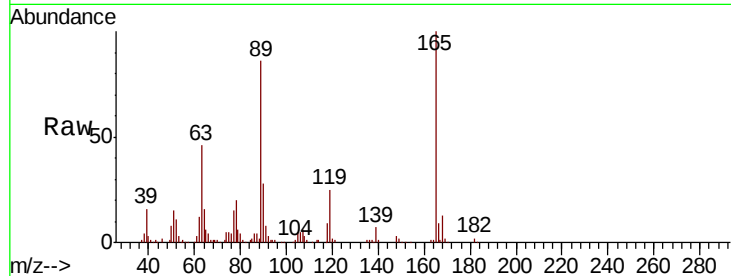
ClientSampleId :

PB123013BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		170601		
63	46.5	36.2	54.2		
89	85.9	66.1	99.1		
182	2.4	1.8	2.8		

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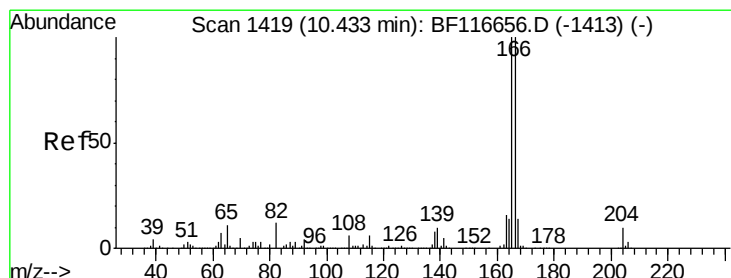
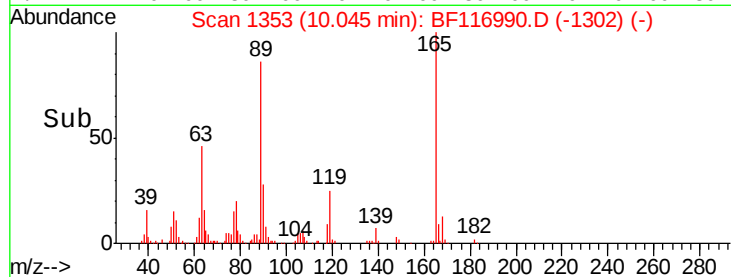
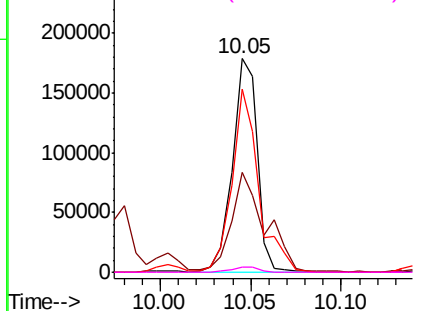
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 51.378 ng

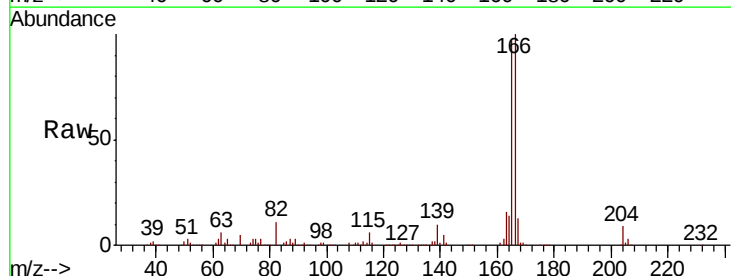
RT: 10.40 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BF116990.D

Acq: 12 Sep 2019 13:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		540258		
165	97.5	77.0	115.6		
167	13.3	10.7	16.1		

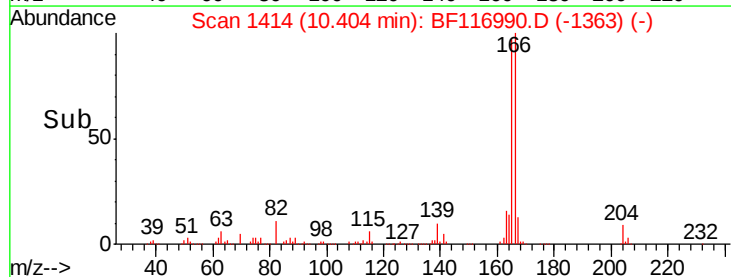
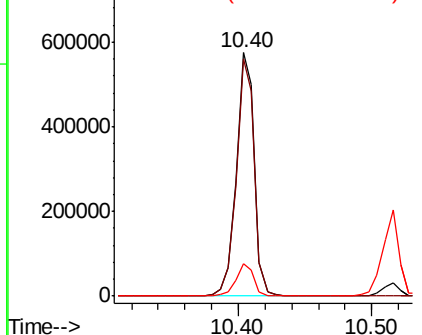


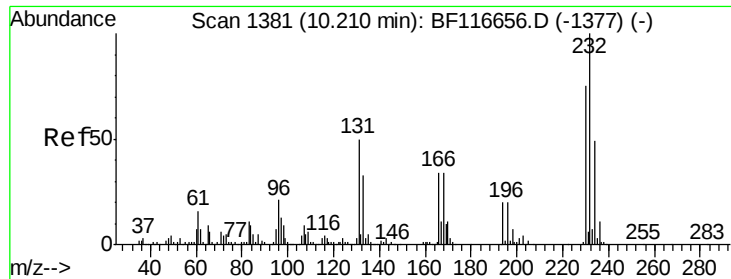
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





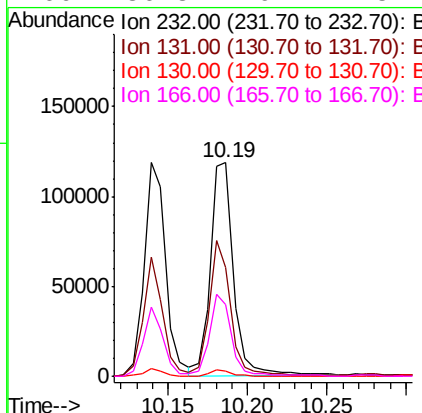
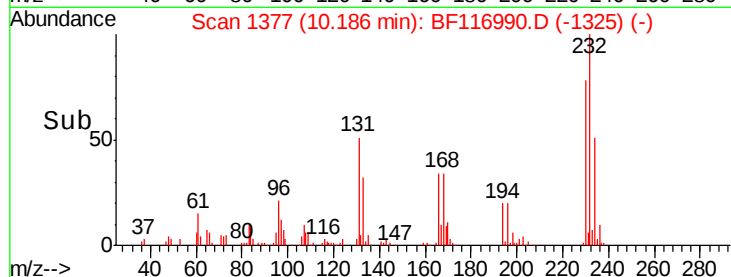
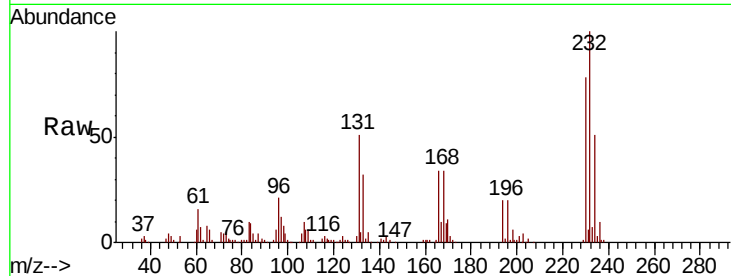
#59
2,3,4,6-Tetrachlorophenol
Concen: 55.663 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.01 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Instrument :
BNA_F
ClientSampleId :
PB123013BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	120191		
131	58.6	46.1	69.1	
130	2.7	2.2	3.4	
166	36.3	29.1	43.7	

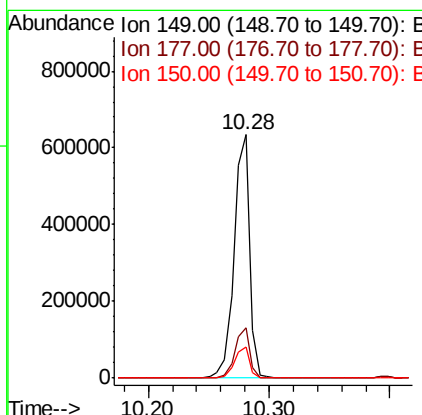
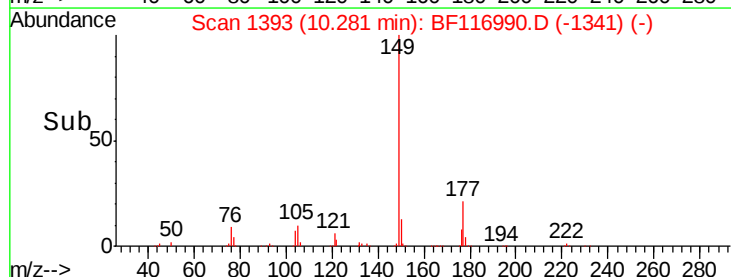
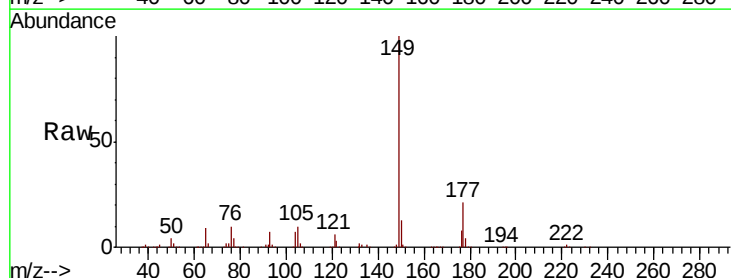
Manual Integrations
APPROVED

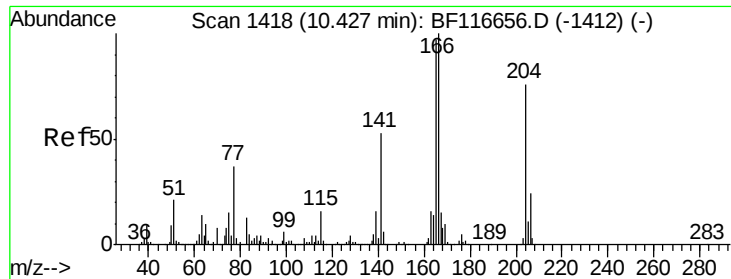
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#60
Diethylphthalate
Concen: 47.107 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	571328		
177	20.9	15.9	23.9	
150	12.6	10.0	15.0	





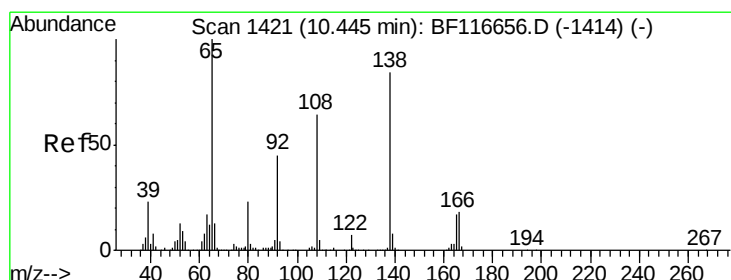
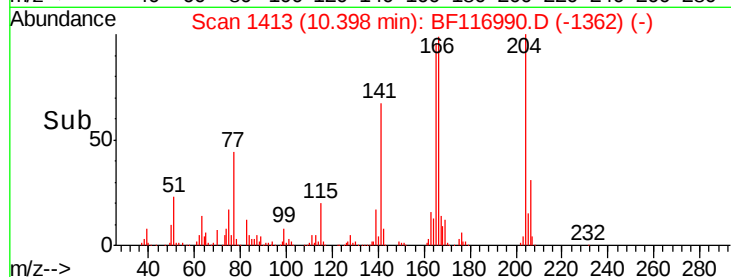
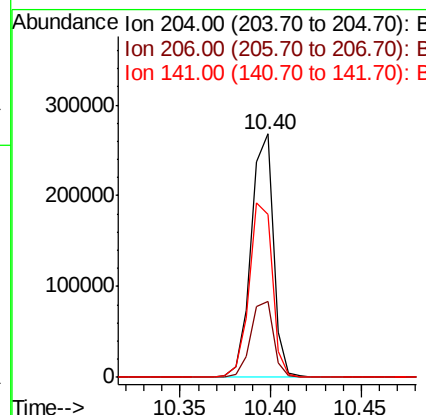
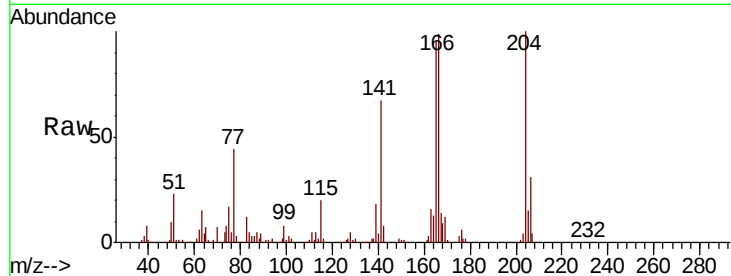
#61
4-Chlorophenyl-phenylether
Concen: 49.948 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Instrument :
BNA_F
ClientSampleId :
PB123013BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
204	100		229993		
206	31.1	26.2	39.2		
141	67.0	58.0	87.0		

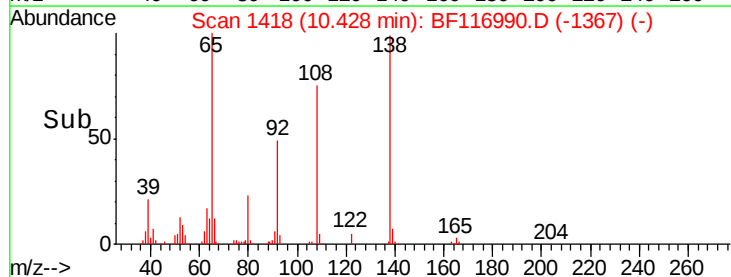
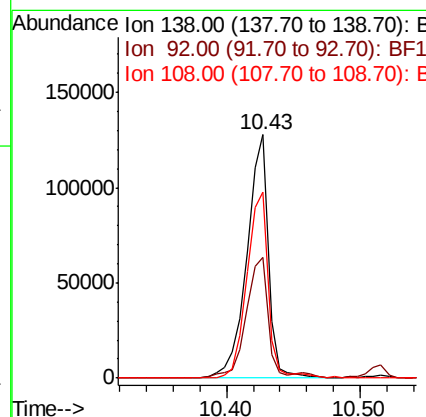
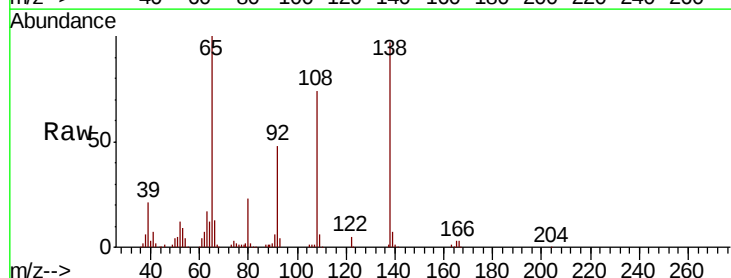
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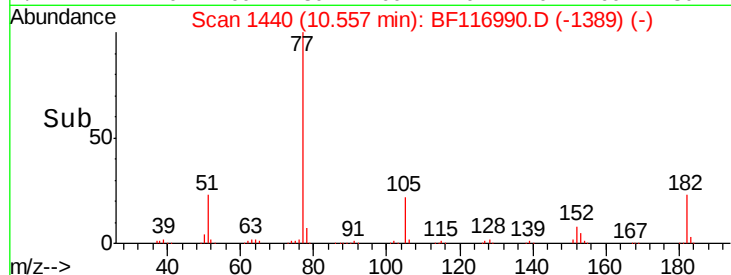
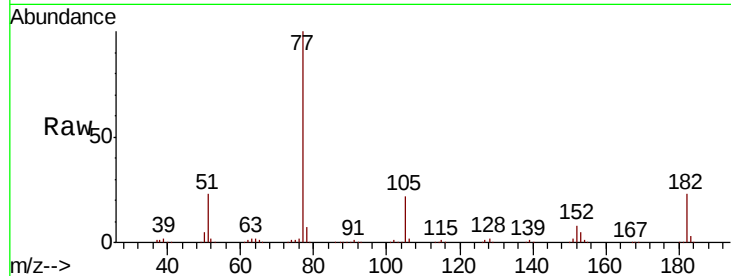
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#62
4-Nitroaniline
Concen: 50.617 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
138	100		142206		
92	49.4	31.0	71.0		
108	76.6	59.1	99.1		





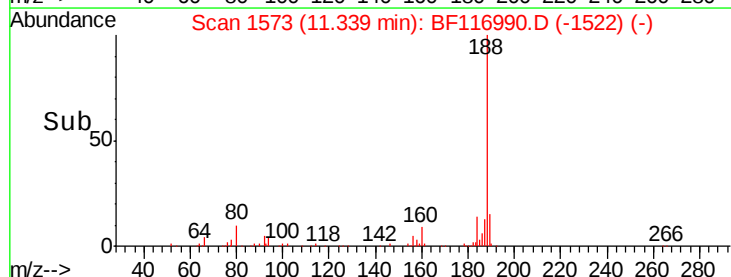
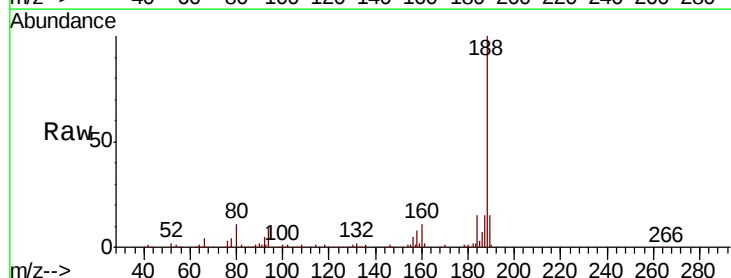
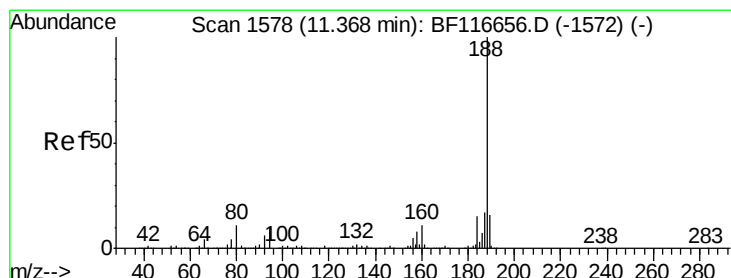
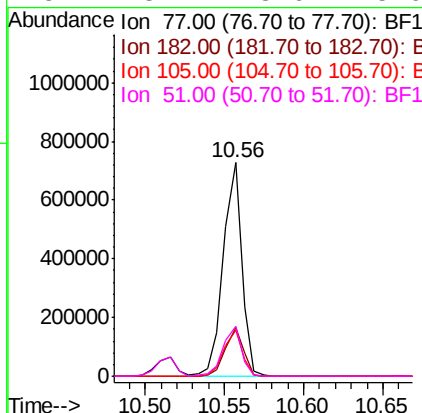
#63
Azobenzene
Concen: 46.748 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		591197		
182	22.6	1.9	41.9		
105	21.8	1.5	41.5		
51	23.1	3.6	43.6		

Instrument :
BNA_F
ClientSampleId :
PB123013BS

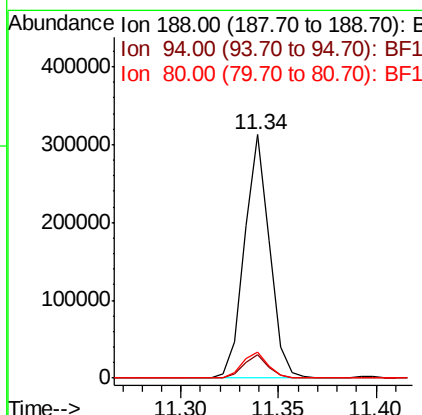
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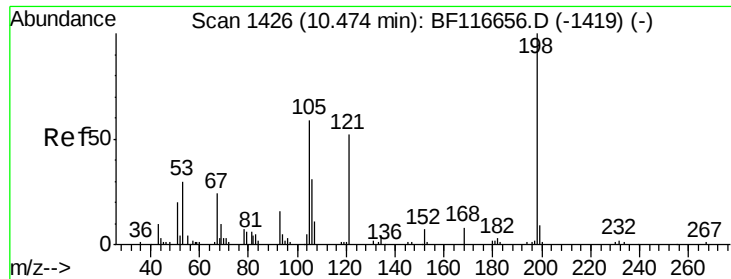
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		278117		
94	9.4	7.4	11.2		
80	10.7	8.5	12.7		





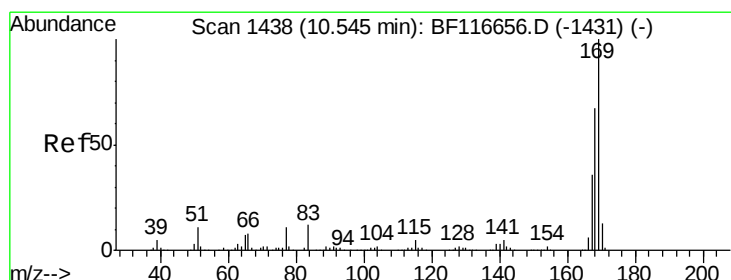
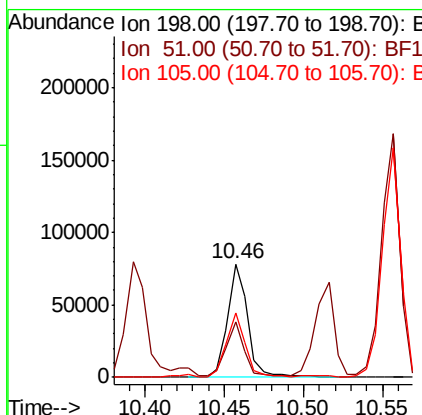
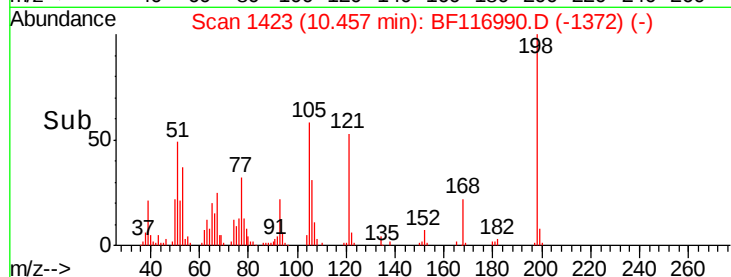
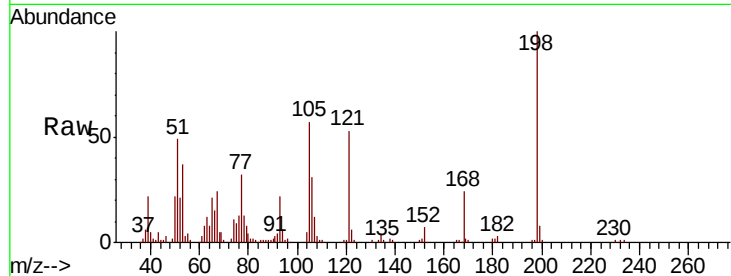
#65
4,6-Dinitro-2-methylphenol
Concen: 64.757 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Instrument :
BNA_F
ClientSampled :
PB123013BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	48.9	26.3	66.3
105	57.3	40.0	80.0

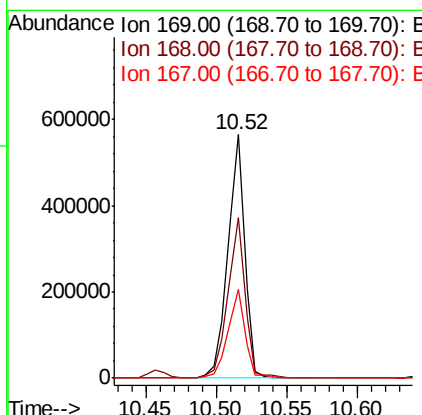
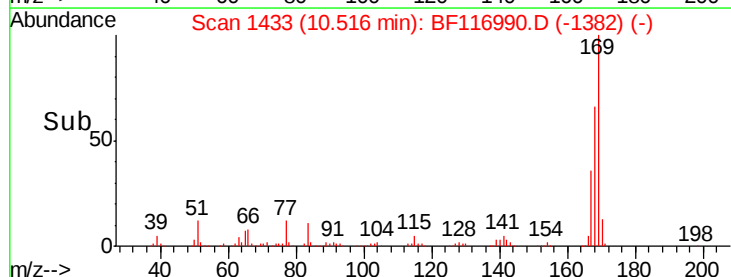
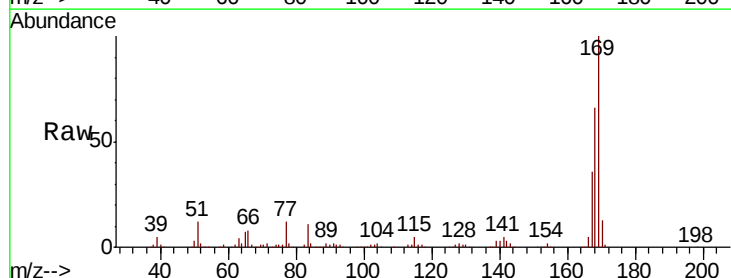
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#66
n-Nitrosodiphenylamine
Concen: 49.167 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.9	53.5	80.3
167	36.2	28.7	43.1





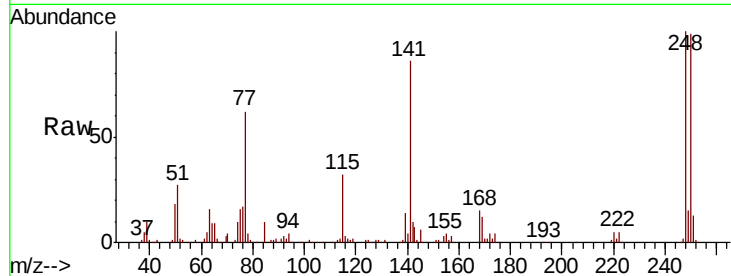
#67
4-Bromophenyl-phenylether
Concen: 48.240 ng
RT: 10.89 min Scan# 1496
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Instrument :
BNA_F
ClientSampleId :
PB123013BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	77.0	115.4
141	86.5	70.2	105.2

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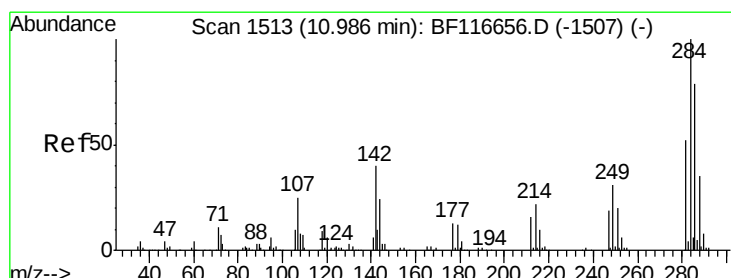
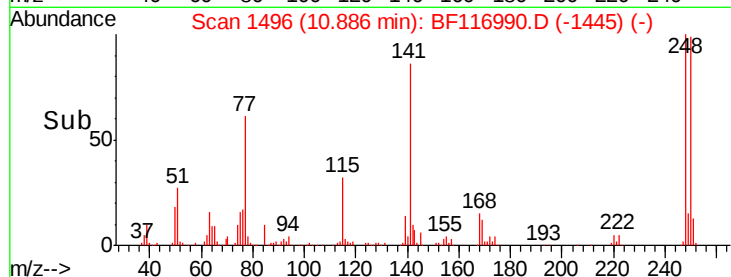
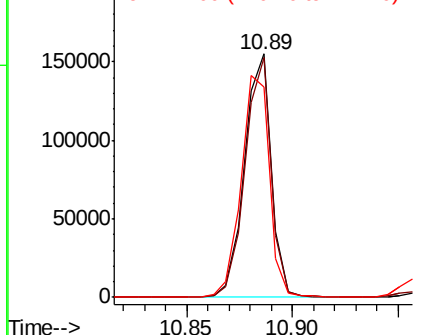


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 47.754 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

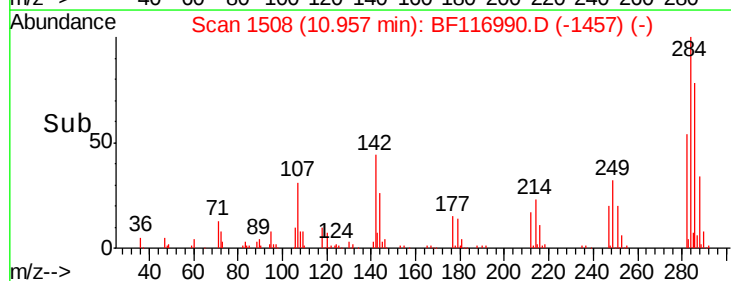
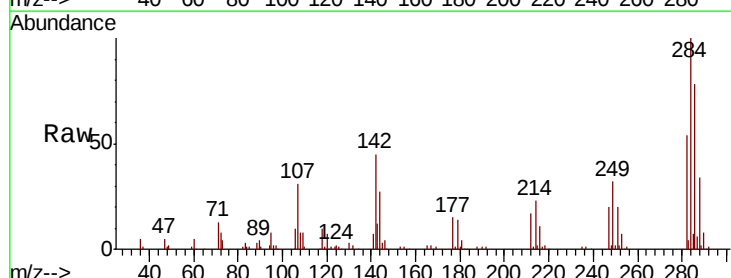
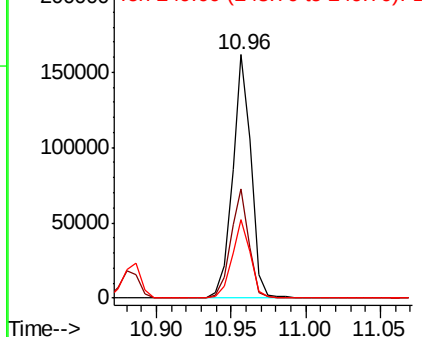
Tgt Ion	Ratio	Lower	Upper
284	100		
142	44.9	37.2	55.8
249	32.1	25.9	38.9

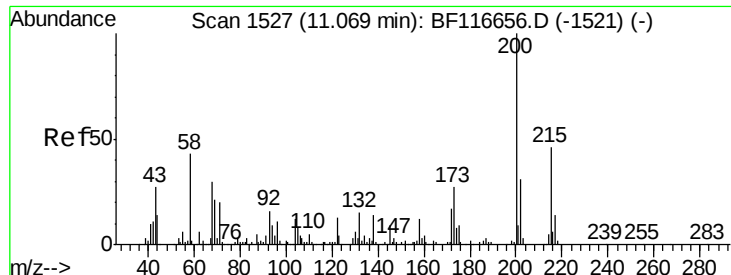
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





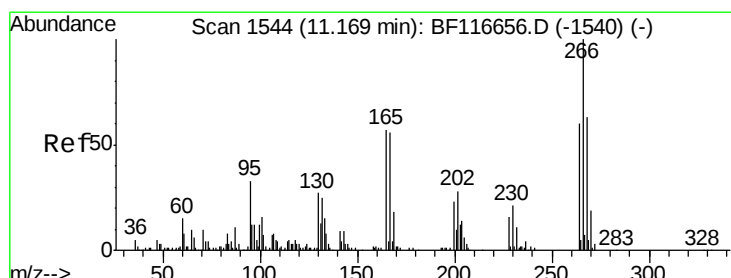
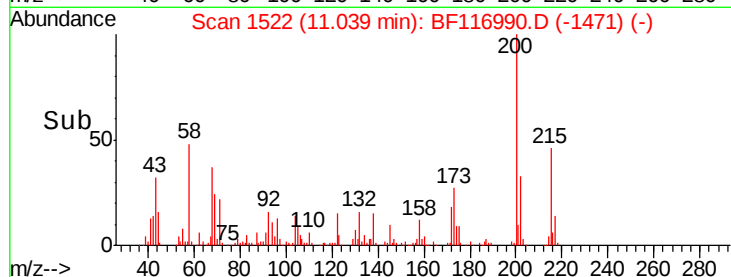
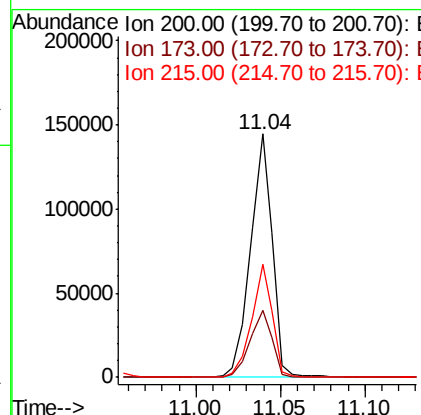
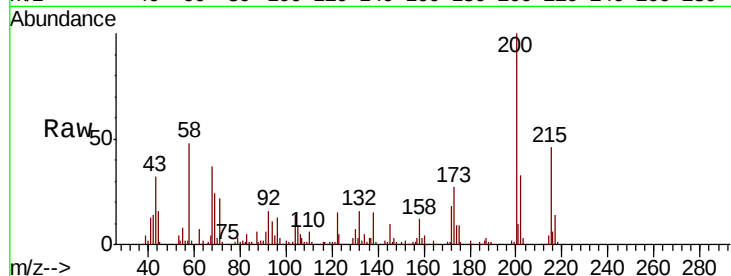
#69
Atrazine
Concen: 48.429 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Instrument :
BNA_F
ClientSampleId :
PB123013BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.4	7.0	47.0	
215	46.3	22.9	62.9	

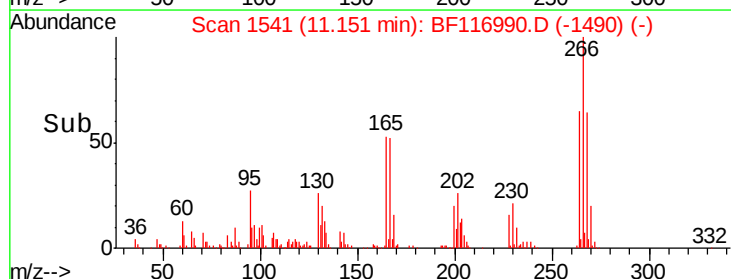
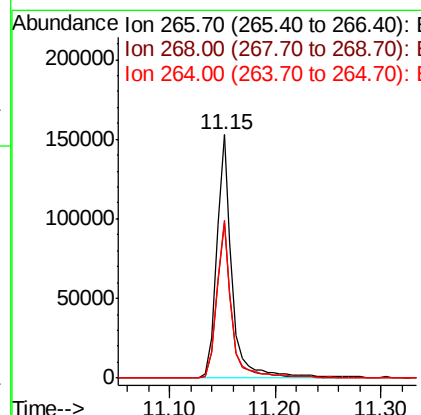
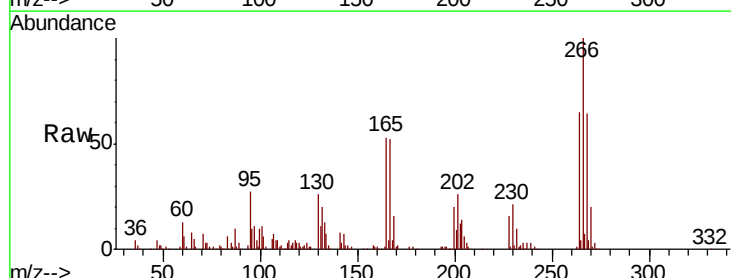
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#70
Pentachlorophenol
Concen: 109.741 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.8	51.4	77.2	
264	65.1	52.1	78.1	





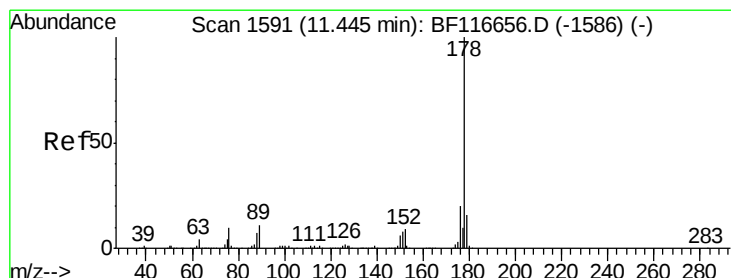
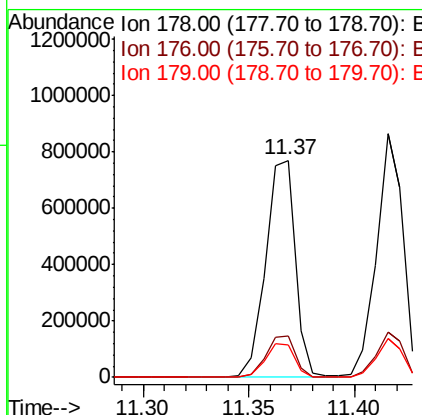
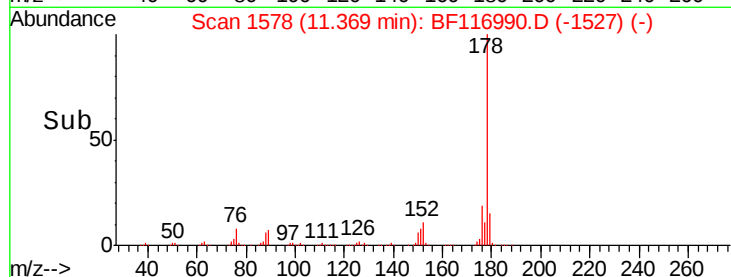
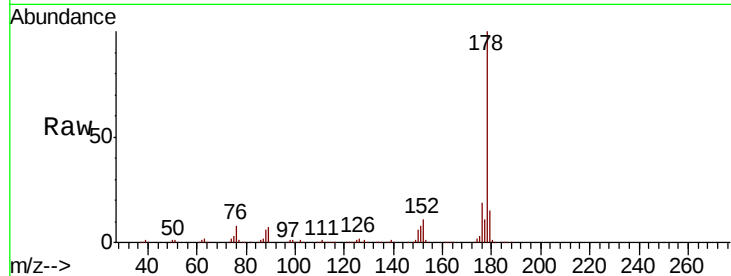
#71
Phenanthrene
Concen: 48.762 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Instrument :
BNA_F
ClientSampleId :
PB123013BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	15.0	12.0	18.0

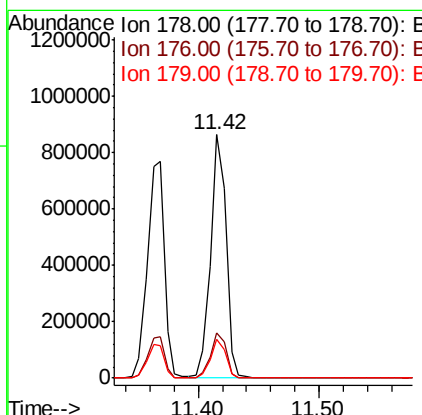
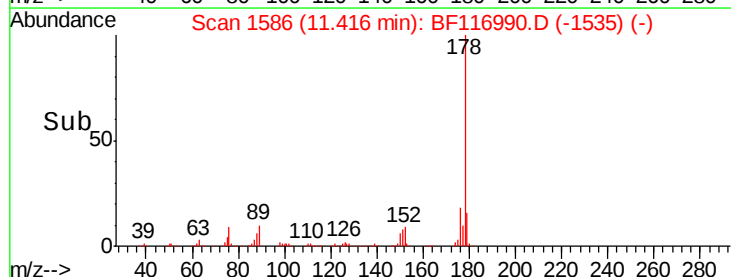
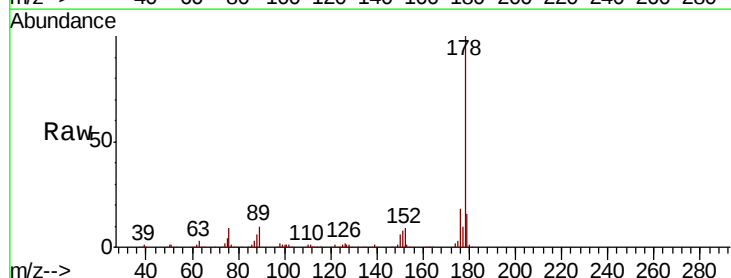
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#72
Anthracene
Concen: 49.111 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.6
179	16.1	12.3	18.5





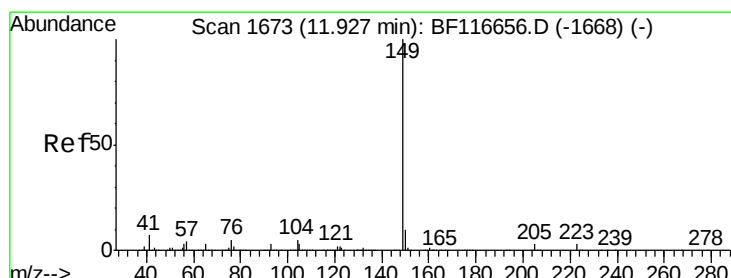
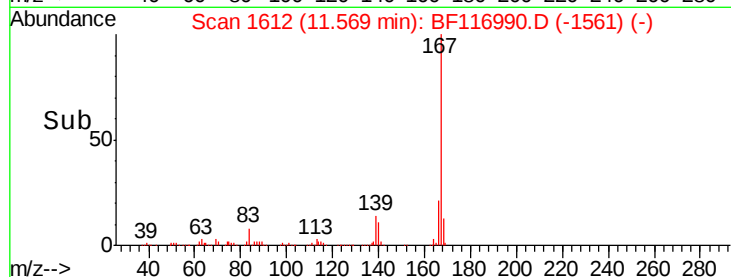
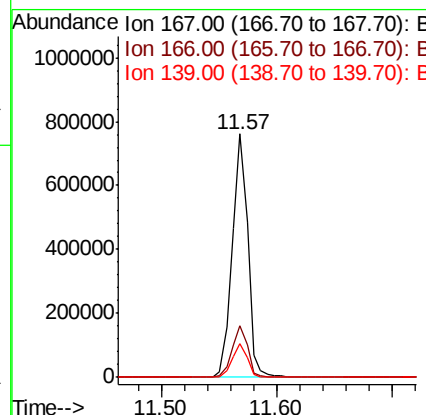
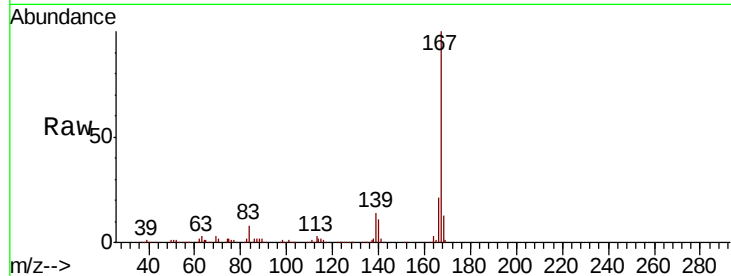
#73
 Carbazole
 Concen: 47.930 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF116990.D
 Acq: 12 Sep 2019 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB123013BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.7	26.5
139	13.9	11.4	17.2

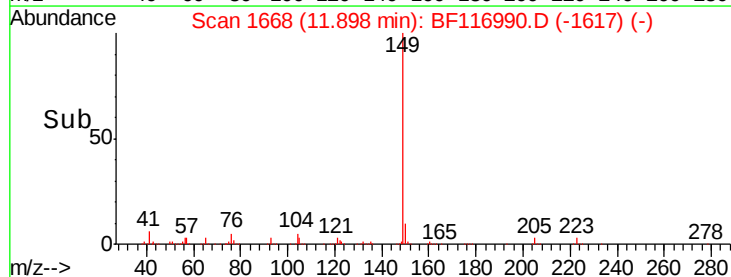
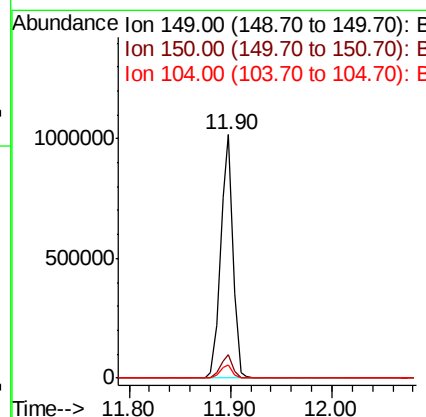
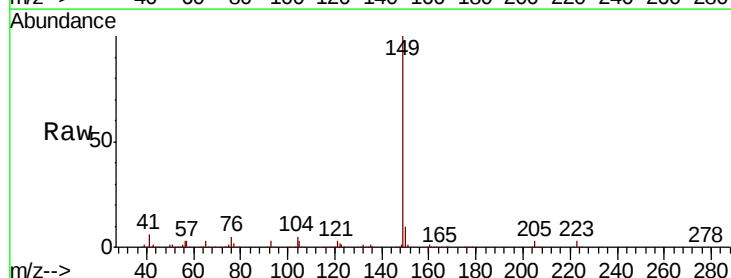
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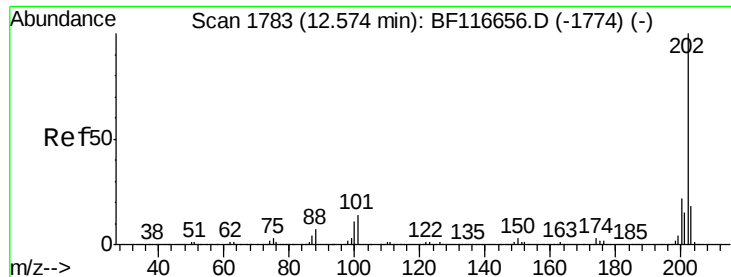
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#74
 Di-n-butylphthalate
 Concen: 44.860 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: BF116990.D
 Acq: 12 Sep 2019 13:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.4	11.0
104	5.2	4.3	6.5





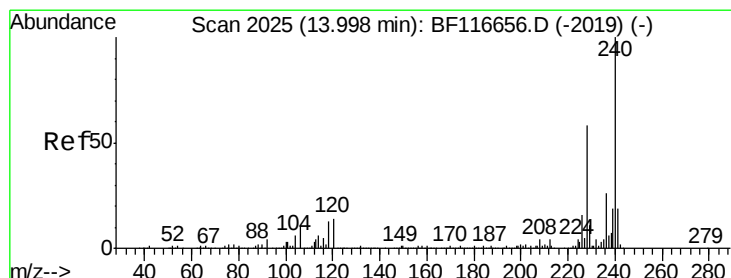
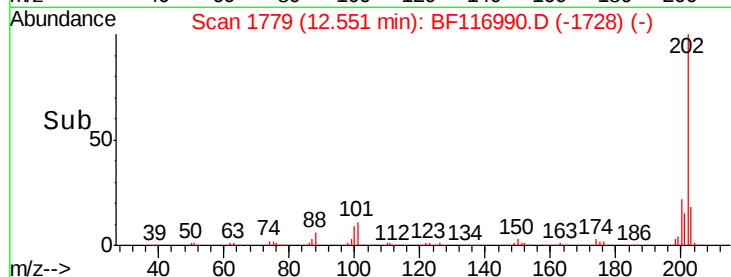
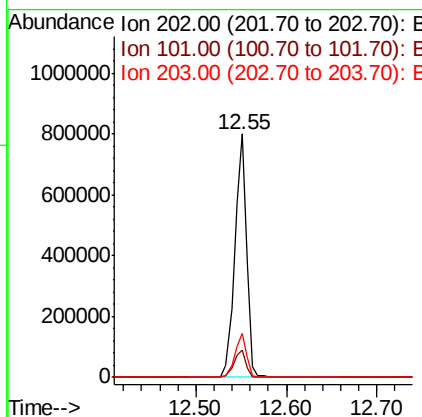
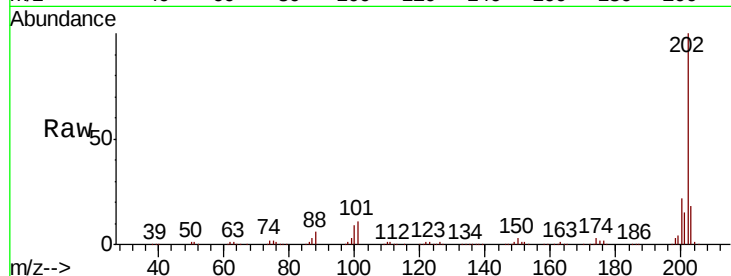
#75
Fluoranthene
Concen: 48.161 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Instrument :
BNA_F
ClientSampleId :
PB123013BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.5	0.0	32.0
203	18.1	0.0	37.5

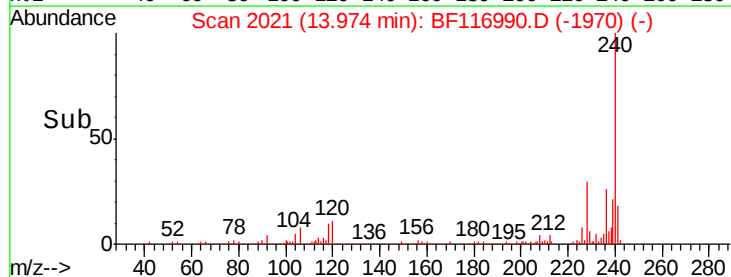
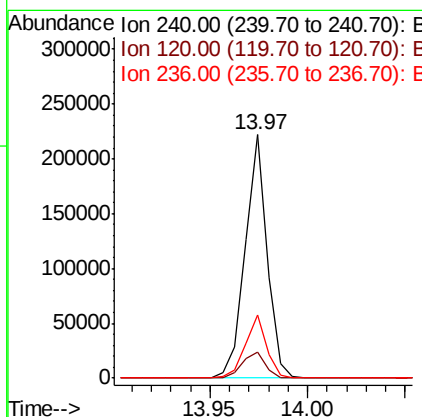
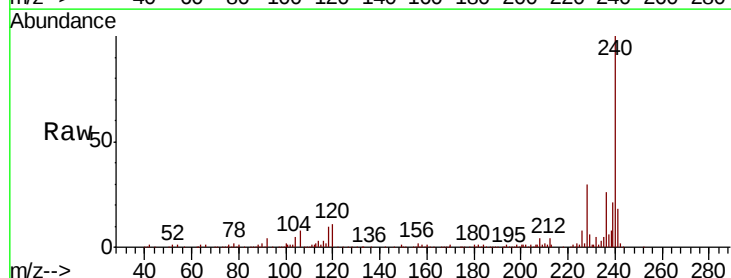
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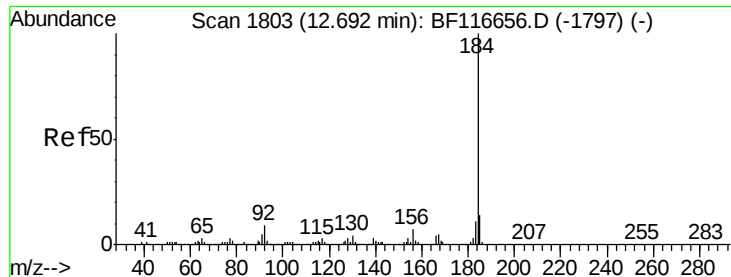
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.8	9.1	13.7
236	26.1	20.9	31.3





#77

Benzidine

Concen: 45.476 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF116990.D

Acq: 12 Sep 2019 13:51

Instrument :

BNA_F

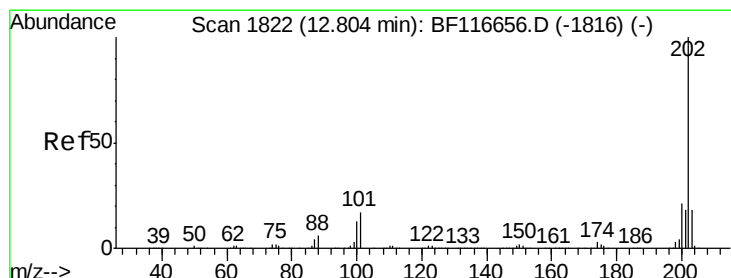
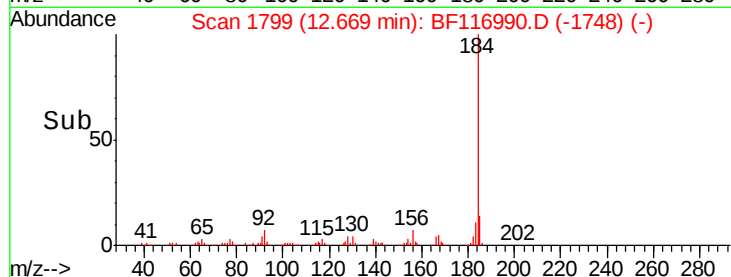
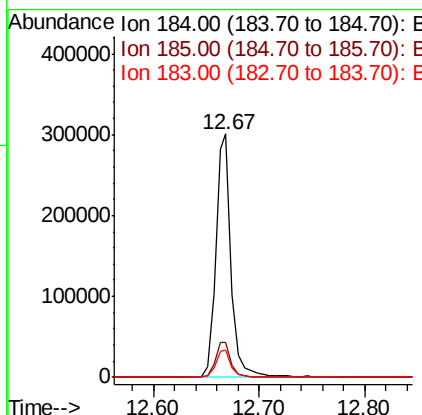
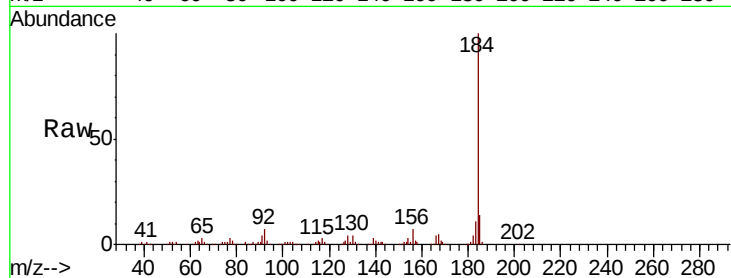
ClientSampleId :

PB123013BS

Tot Ion:	184	Resp:	308130
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.0	18.0
183	11.5	9.2	13.8

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#78

Pyrene

Concen: 48.361 ng

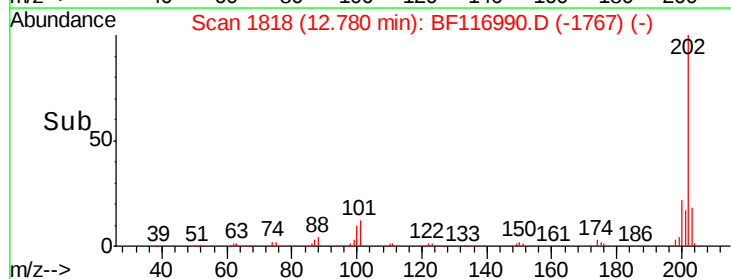
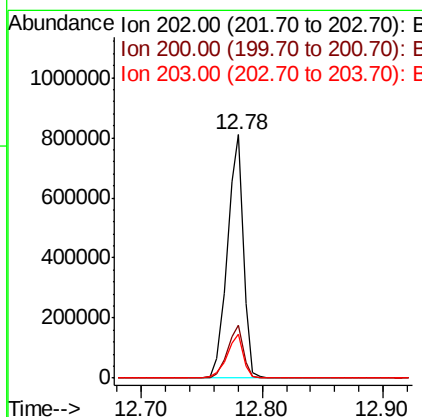
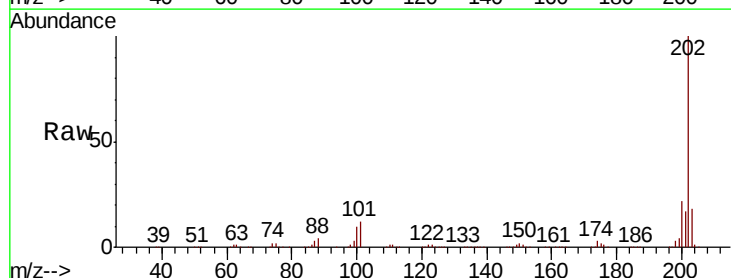
RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF116990.D

Acq: 12 Sep 2019 13:51

Tgt Ion:	202	Resp:	742631
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.2	25.8
203	17.8	14.2	21.2





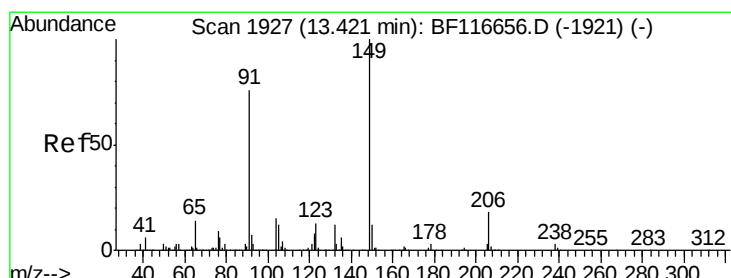
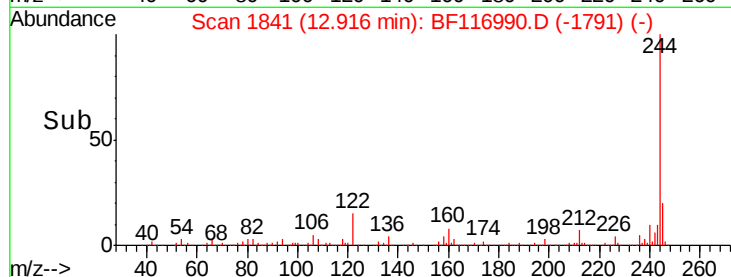
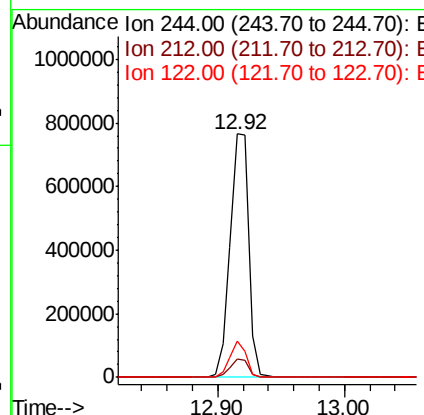
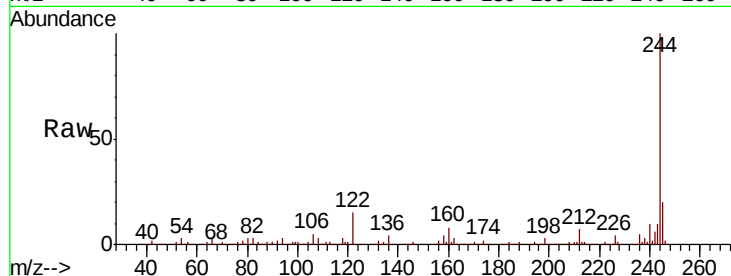
#79
 Terphenyl-d14
 Concen: 83.270 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF116990.D
 Acq: 12 Sep 2019 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB123013BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	14.6	11.5	17.3

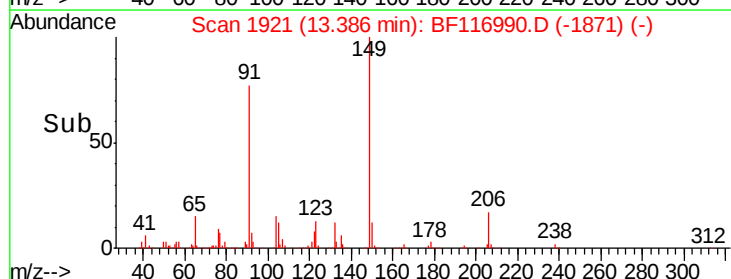
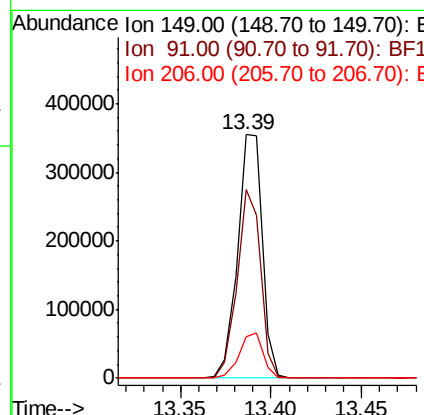
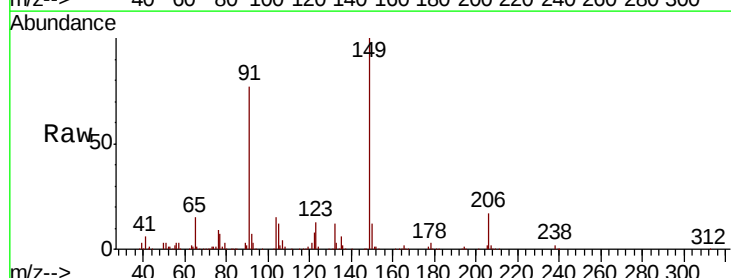
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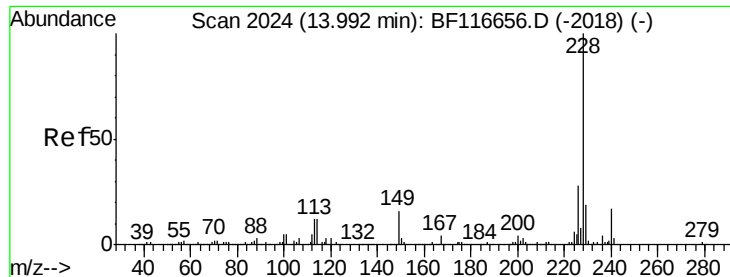
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#80
 Butylbenzylphthalate
 Concen: 45.210 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BF116990.D
 Acq: 12 Sep 2019 13:51

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.3	55.8	83.8
206	17.2	15.0	22.6





#81

Benzo(a)anthracene

Concen: 48.750 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF116990.D

Acq: 12 Sep 2019 13:51

Instrument :

BNA_F

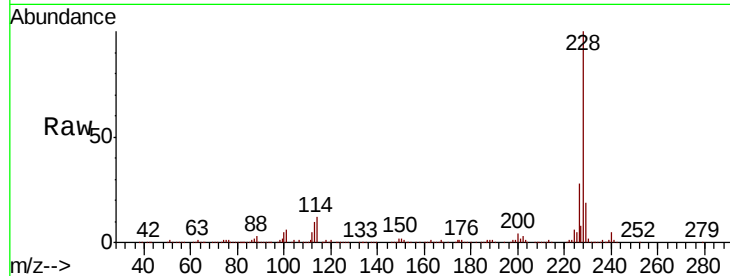
ClientSampleId :

PB123013BS

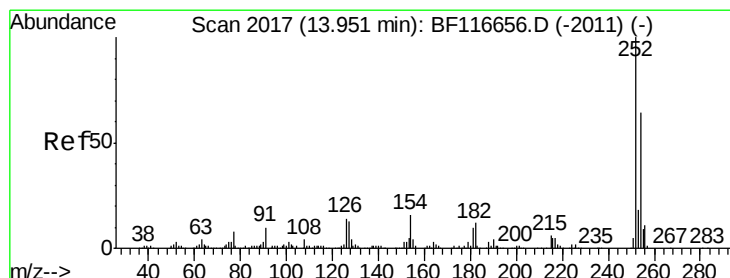
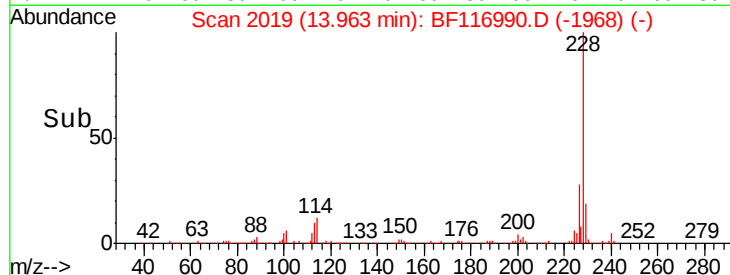
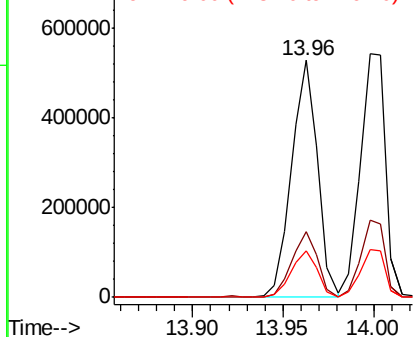
Tot Ion:	228	Resp:	532997
Ion Ratio		Lower	Upper
228	100		
226	27.6	22.3	33.5
229	19.4	15.8	23.8

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



#82

3,3'-Dichlorobenzidine

Concen: 37.354 ng

RT: 13.92 min Scan# 2012

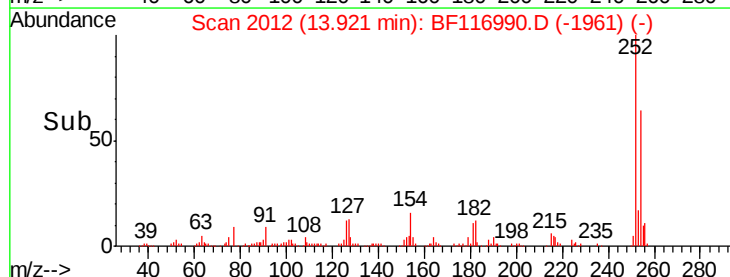
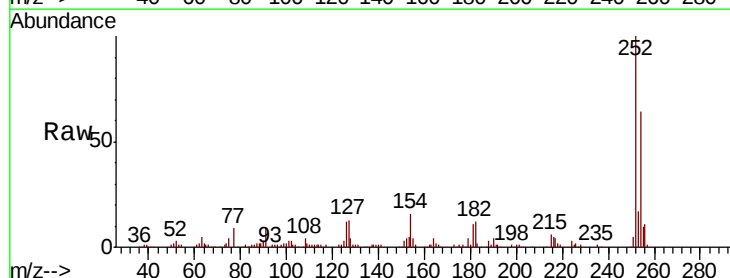
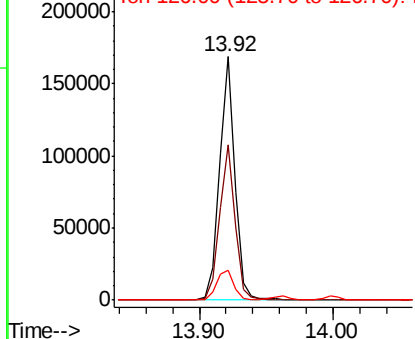
Delta R.T. 0.00 min

Lab File: BF116990.D

Acq: 12 Sep 2019 13:51

Tgt Ion:	252	Resp:	138014
Ion Ratio		Lower	Upper
252	100		
254	64.0	51.8	77.8
126	12.5	10.9	16.3

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





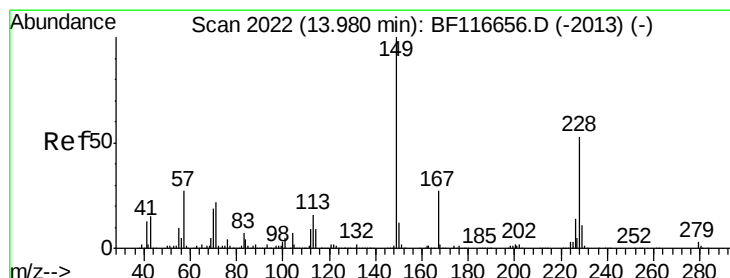
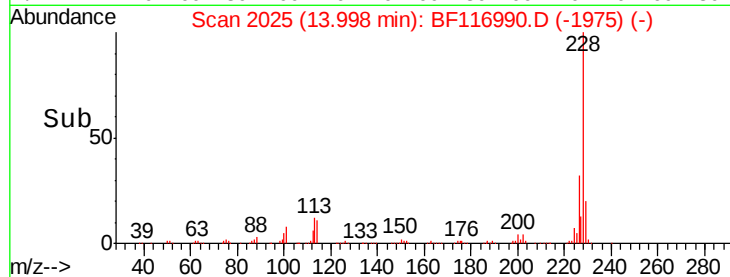
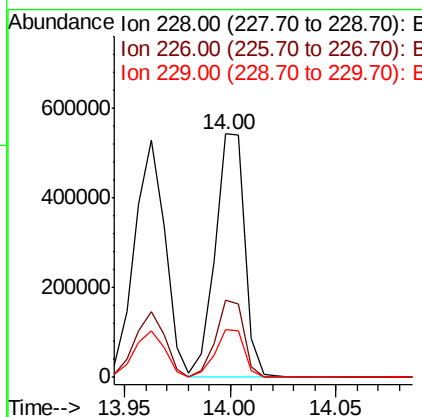
#83
 Chrvsene
 Concen: 46.656 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF116990.D
 Acq: 12 Sep 2019 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB123013BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	525522		
226	31.5		24.5	36.7
229	19.6		15.7	23.5

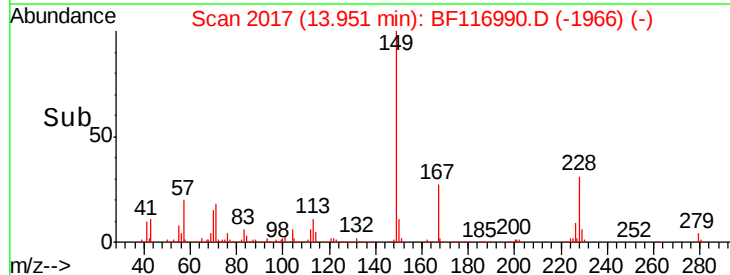
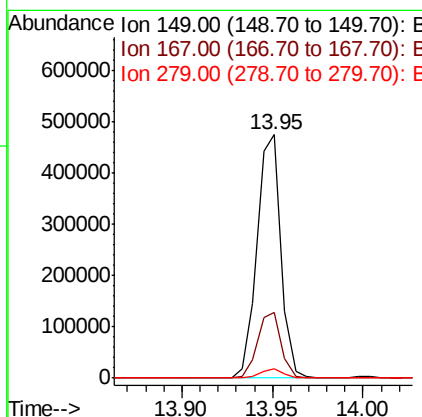
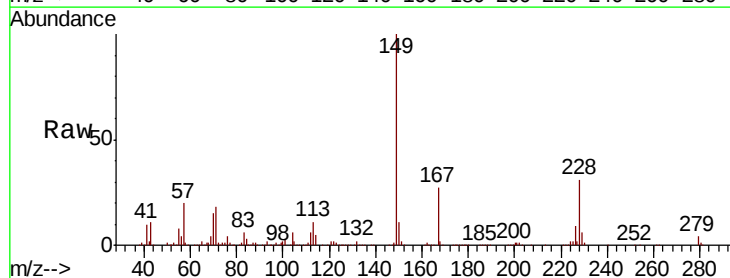
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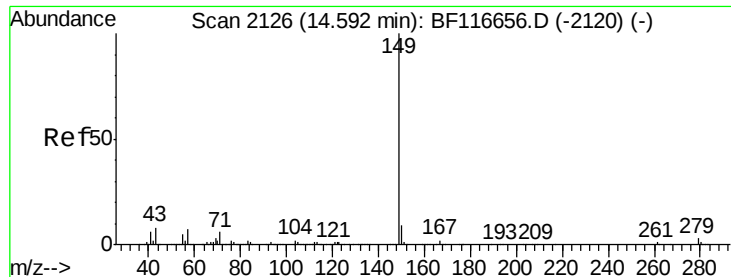
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.298 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: BF116990.D
 Acq: 12 Sep 2019 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	436003		
167	27.0		21.3	31.9
279	3.6		2.6	3.8





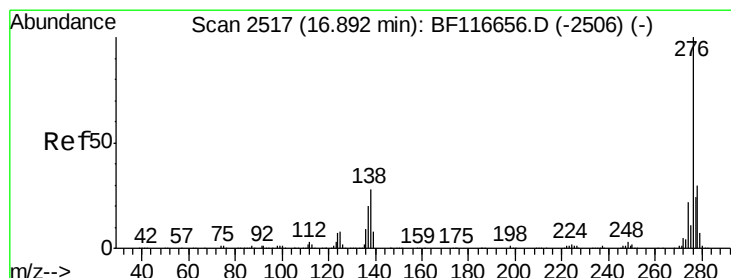
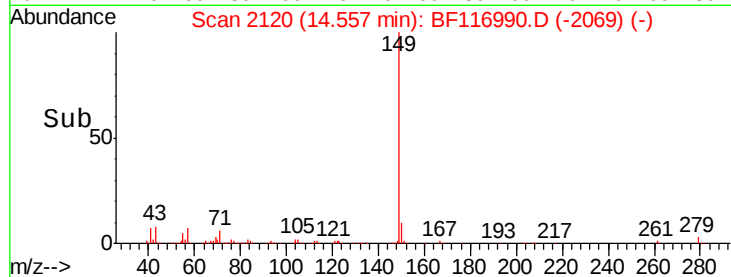
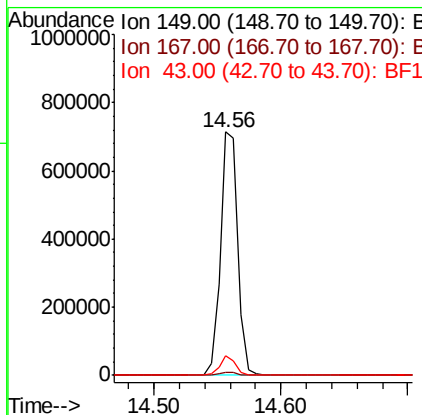
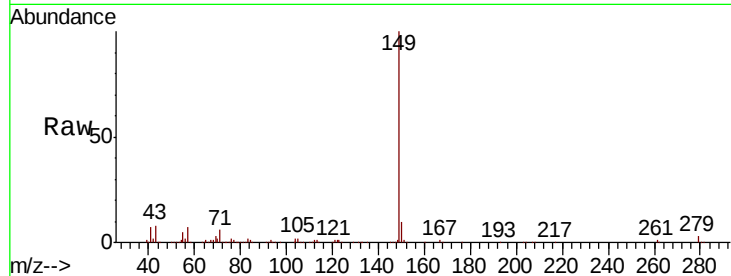
#85
Di-n-octyl phthalate
Concen: 45.028 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Instrument :
BNA_F
ClientSampleId :
PB123013BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	679271		
167	1.5		1.2	1.8
43	7.5		6.2	9.4

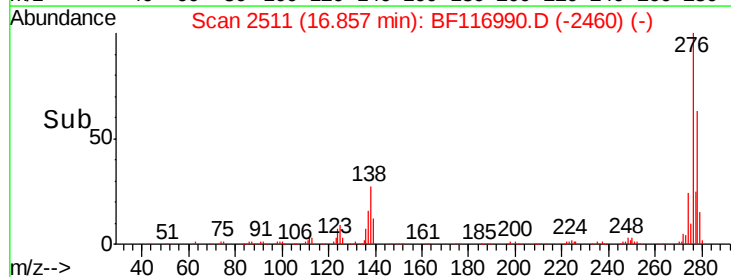
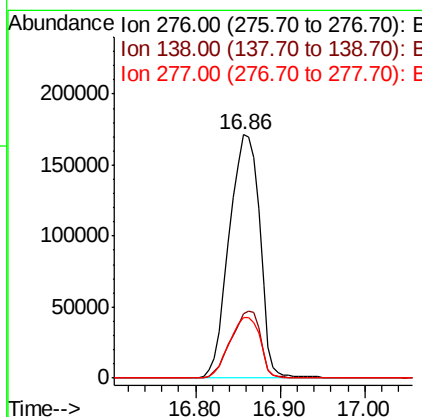
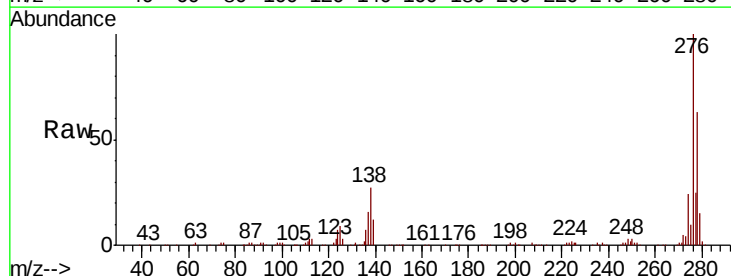
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#86
Indeno(1,2,3-cd)pyrene
Concen: 47.445 ng
RT: 16.86 min Scan# 2511
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	429255		
138	26.5		20.6	31.0
277	25.1		19.9	29.9





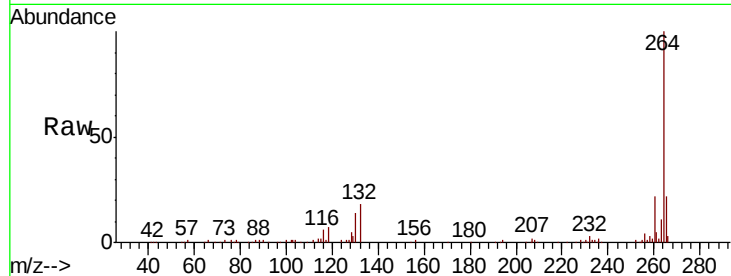
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Instrument :
BNA_F
ClientSampleId :
PB123013BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.0	28.4
265	21.9	17.9	26.9

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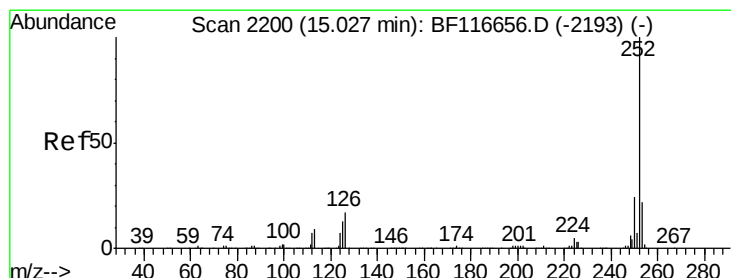
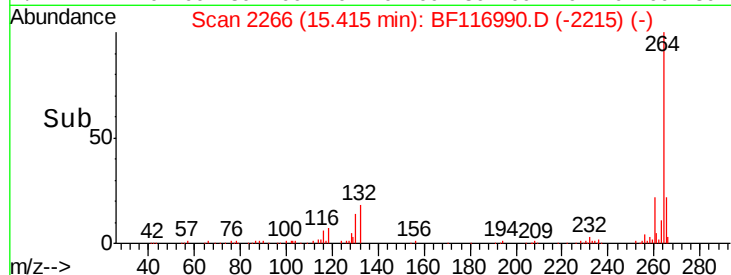
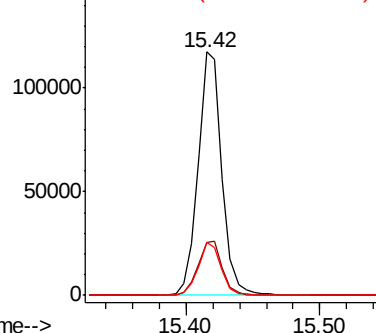


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 48.167 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

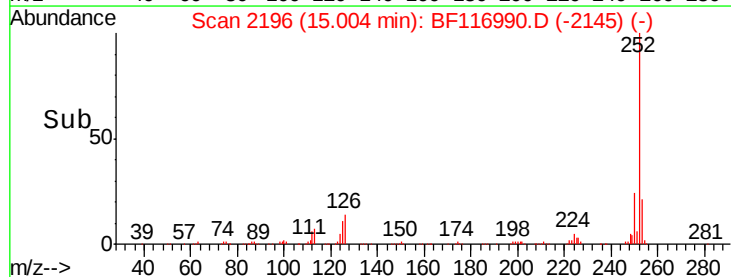
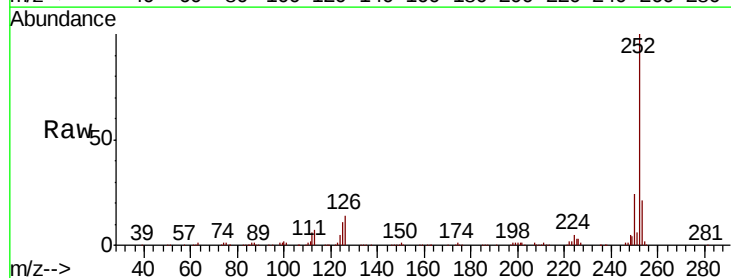
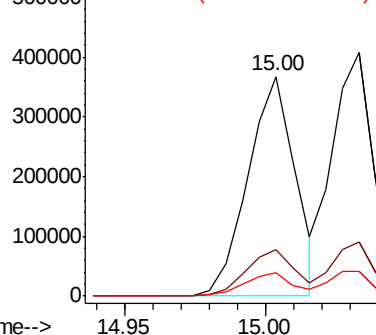
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.5	26.3
125	10.6	8.3	12.5

Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





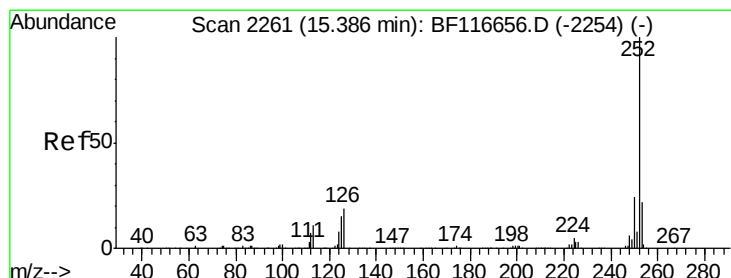
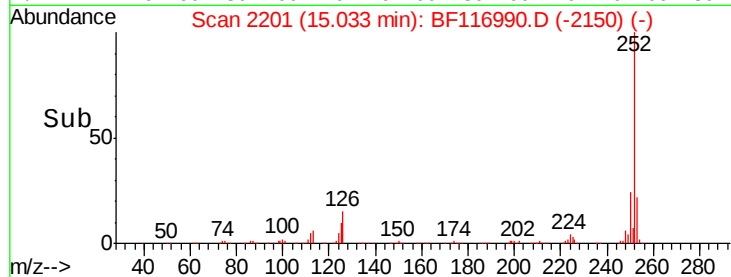
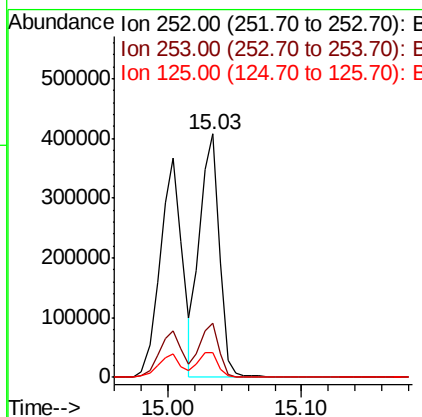
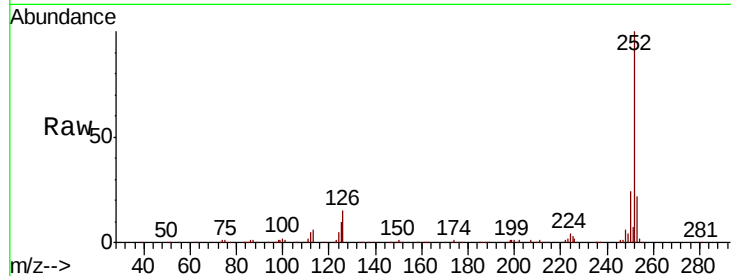
#89
Benzo(k)fluoranthene
Concen: 51.048 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Instrument :
BNA_F
ClientSampleId :
PB123013BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	16.8	25.2
125	10.0	7.6	11.4

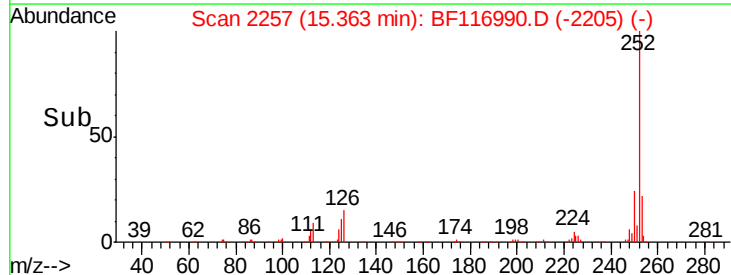
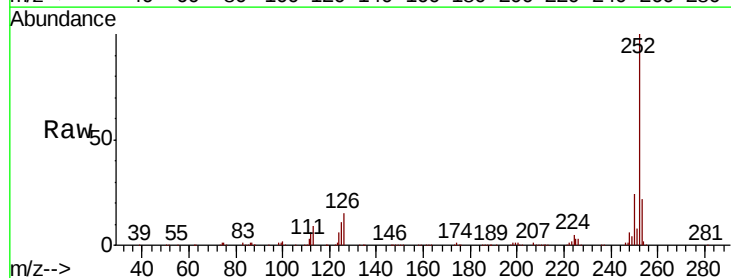
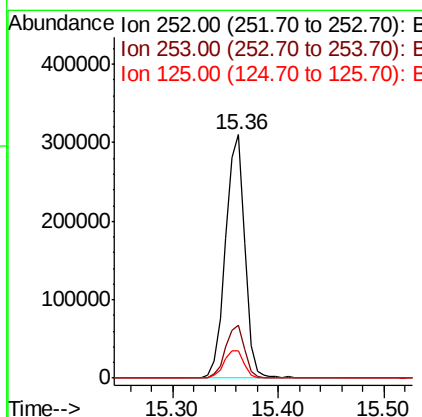
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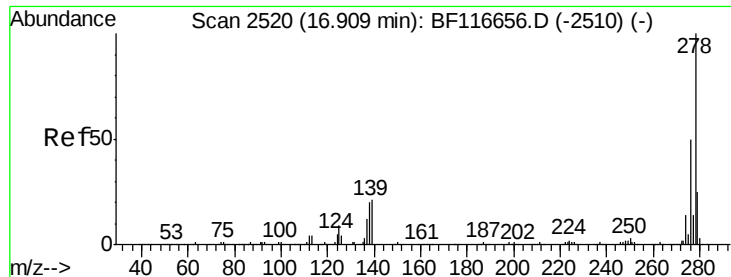
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#90
Benzo(a)pyrene
Concen: 50.623 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.01 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	11.4	10.2	15.2





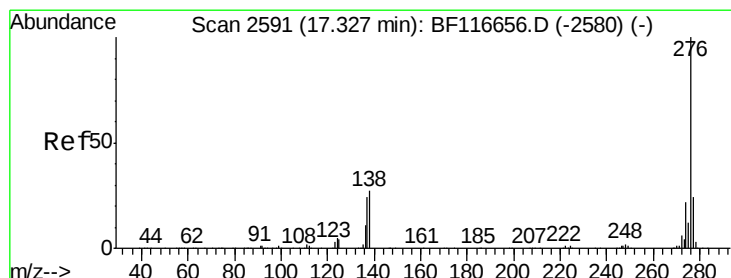
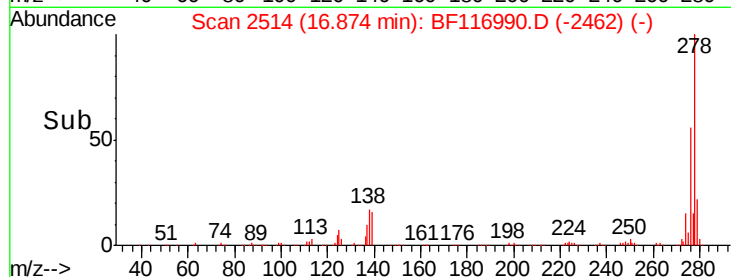
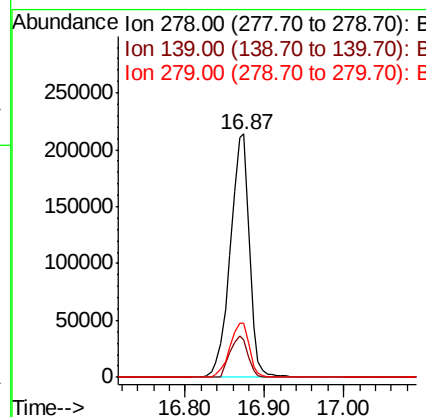
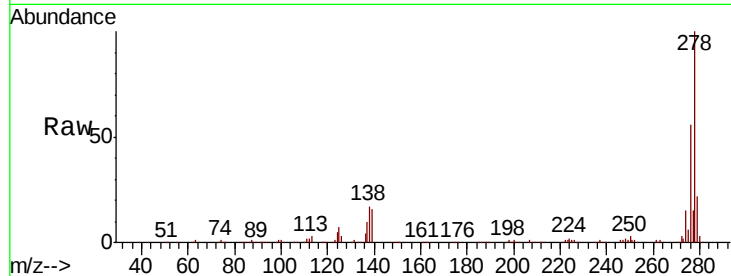
#91
Dibenzo(a,h)anthracene
Concen: 52.816 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.01 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Instrument :
BNA_F
ClientSampleId :
PB123013BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.1	19.7
279	22.4	18.6	27.8

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#92
Benzo(g,h,i)perylene
Concen: 52.601 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BF116990.D
Acq: 12 Sep 2019 13:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.0	19.0	28.6
138	21.5	18.7	28.1

