

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
 Data File : BF117246.D
 Acq On : 25 Sep 2019 17:58
 Operator : JU
 Sample : K5021-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-1488-RBR200031-RBR200036M

Manual Integrations
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mohammad
 9/26/2019 3:53:44 PM

Quant Time: Sep 26 03:40:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	42820	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	165491	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	85728	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	130943	20.00	ng	0.00
76) Chrysene-d12	13.98	240	71455	20.00	ng	0.00
87) Perylene-d12	15.43	264	71415	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	337060	122.89	ng	0.02
7) Phenol-d6	6.47	99	467249	131.82	ng	0.01
23) Nitrobenzene-d5	7.38	82	286371	90.92	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	96975	135.35	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	487226	88.86	ng	0.00
79) Terphenyl-d14	12.92	244	384815	100.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	41010	35.733	ng	# 95
3) Pyridine	3.40	79	100354	31.947	ng	97
4) n-Nitrosodimethylamine	3.35	42	50301	46.661	ng	90
6) Aniline	6.48	93	147064	32.225	ng	# 1
8) 2-Chlorophenol	6.61	128	135739	45.876	ng	97
9) Benzaldehyde	6.37	77	90356	54.421	ng	98
10) Phenol	6.48	94	193733	49.579	ng	92
11) bis(2-Chloroethyl)ether	6.56	93	125327	43.639	ng	97
12) 1,3-Dichlorobenzene	6.76	146	137454	41.400	ng	99
13) 1,4-Dichlorobenzene	6.83	146	141713	41.824	ng	98
14) 1,2-Dichlorobenzene	6.99	146	134025	42.485	ng	98
15) Benzyl Alcohol	6.96	79	126427	46.513	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	116663	41.117	ng	72
17) 2-Methylphenol	7.08	107	110138	44.415	ng	# 87
18) Hexachloroethane	7.32	117	54735	41.991	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	100699	46.655	ng	93
20) 3+4-Methylphenols	7.23	107	147646	47.801	ng	# 77
22) Acetophenone	7.23	105	203267	48.344	ng	99
24) Nitrobenzene	7.40	77	152341	48.978	ng	99
25) Isophorone	7.64	82	272408	48.847	ng	99
26) 2-Nitrophenol	7.72	139	70071	52.447	ng	96
27) 2,4-Dimethylphenol	7.76	122	116610	55.039	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	157760	45.915	ng	100
29) 2,4-Dichlorophenol	7.96	162	109426	49.291	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	109730	45.751	ng	98
31) Naphthalene	8.12	128	389067	48.883	ng	99
32) Benzoic acid	7.91	122	48464	32.727	ng	96
33) 4-Chloroaniline	8.17	127	63796	18.072	ng	98
34) Hexachlorobutadiene	8.23	225	64075	47.089	ng	96
35) Caprolactam	8.55	113	35334m	47.023	ng	
36) 4-Chloro-3-methylphenol	8.67	107	128745	49.737	ng	97
37) 2-Methylnaphthalene	8.81	142	263754	49.212	ng	99
38) 1-Methylnaphthalene	8.91	142	248851	49.575	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	103374	46.697	ng	99

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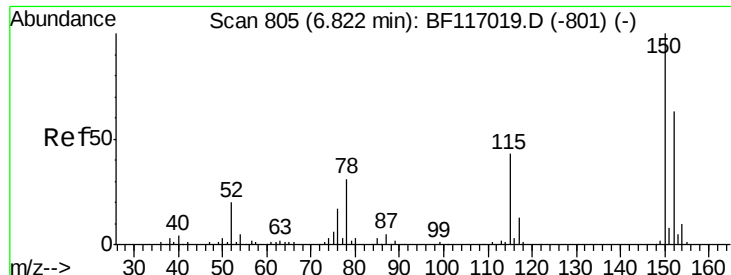
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	66739	69.361	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	70994	47.257	nq	99
44) 2,4,5-Trichlorophenol	9.14	196	72918	45.430	nq	95
46) 1,1'-Biphenyl	9.27	154	317696	47.244	nq	98
47) 2-Chloronaphthalene	9.30	162	246615	46.469	nq	98
48) 2-Nitroaniline	9.40	65	77691	45.640	nq	90
49) Acenaphthylene	9.72	152	381678	48.008	nq	98
50) Dimethylphthalate	9.57	163	358350	59.037	nq	99
51) 2,6-Dinitrotoluene	9.65	165	63491	51.357	nq	99
52) Acenaphthene	9.89	154	221219	46.940	nq	99
53) 3-Nitroaniline	9.81	138	39621	25.402	nq	93
54) 2,4-Dinitrophenol	9.93	184	34038	65.625	nq	88
55) Dibenzofuran	10.06	168	339735	48.859	nq	98
56) 4-Nitrophenol	9.99	139	72269	71.489	nq	93
57) 2,4-Dinitrotoluene	10.05	165	80880	50.401	nq	# 84
58) Fluorene	10.40	166	275423	49.172	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	59563	48.493	nq	98
60) Diethylphthalate	10.27	149	284435	47.630	nq	98
61) 4-Chlorophenyl-phenylether	10.39	204	119043	49.121	nq	96
62) 4-Nitroaniline	10.43	138	64521	39.776	nq	93
63) Azobenzene	10.55	77	298283	48.905	nq	98
65) 4,6-Dinitro-2-methylphenol	10.47	198	27876	46.906	nq	98
66) n-Nitrosodiphenylamine	10.51	169	236677	52.336	nq	99
67) 4-Bromophenyl-phenylether	10.88	248	66979	50.087	nq	95
68) Hexachlorobenzene	10.96	284	70026	47.877	nq	97
69) Atrazine	11.04	200	61395	59.549	nq	99
70) Pentachlorophenol	11.15	266	60389	88.082	nq	96
71) Phenanthrene	11.36	178	387651	52.121	nq	98
72) Anthracene	11.42	178	381481	50.240	nq	98
73) Carbazole	11.57	167	322294	44.717	nq	99
74) Di-n-butylphthalate	11.89	149	431345	50.301	nq	99
75) Fluoranthene	12.55	202	355469	46.515	nq	99
77) Benzidine	12.67	184	115261	50.075	nq	98
78) Pyrene	12.78	202	350808	58.511	nq	98
80) Butylbenzylphthalate	13.39	149	149115	52.635	nq	99
81) Benzo(a)anthracene	13.97	228	236351	49.508	nq	98
82) 3,3'-Dichlorobenzidine	13.93	252	58601	38.092	nq	99
83) Chrysene	14.00	228	232043	49.835	nq	97
84) Bis(2-ethylhexyl)phthalate	13.95	149	205035	56.131	nq	98
85) Di-n-octyl phthalate	14.56	149	328243	57.093	nq	100
86) Indeno(1,2,3-cd)pyrene	16.90	276	214906	63.264	nq	98
88) Benzo(b)fluoranthene	15.02	252	211162	48.814	nq	98
89) Benzo(k)fluoranthene	15.04	252	191458	46.722	nq	99
90) Benzo(a)pyrene	15.37	252	197181	51.944	nq	98
91) Dibenzo(a,h)anthracene	16.90	278	176929	58.508	nq	100
92) Benzo(g,h,i)perylene	17.33	276	171018	56.752	nq	96

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



#1

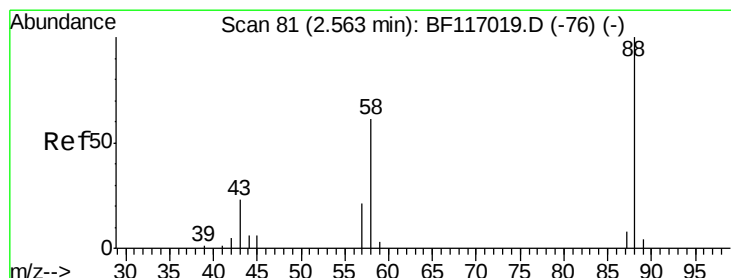
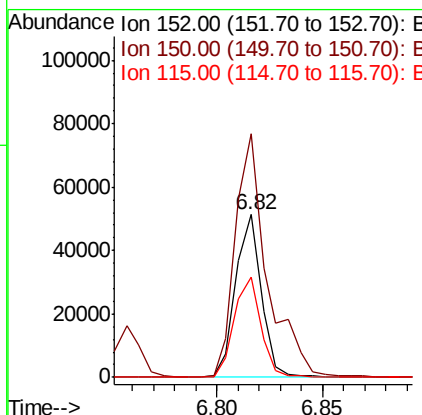
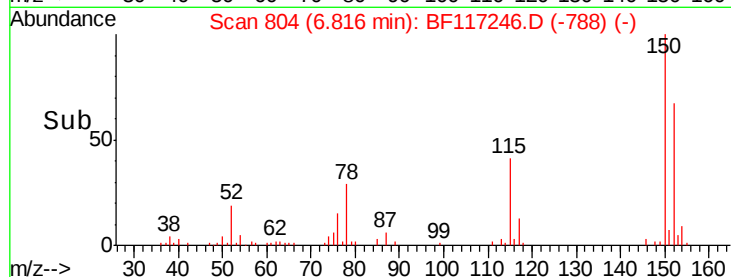
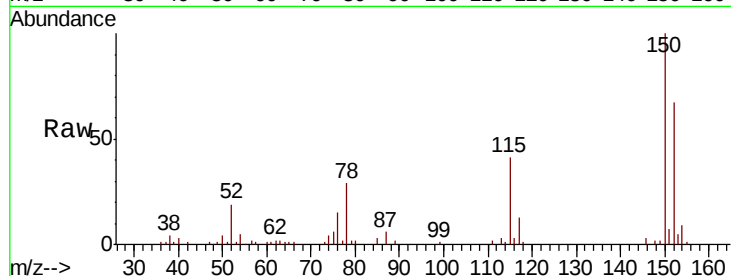
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.7	127.5	191.3
115	61.7	55.0	82.4

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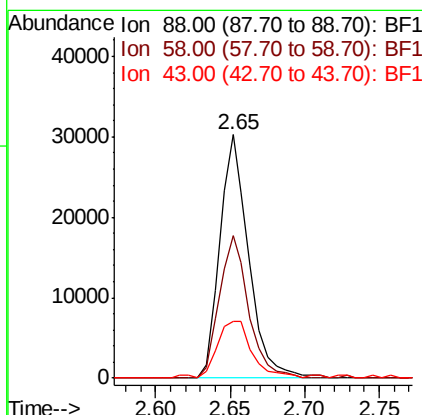
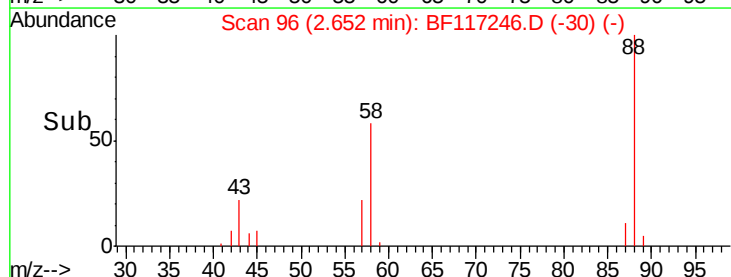
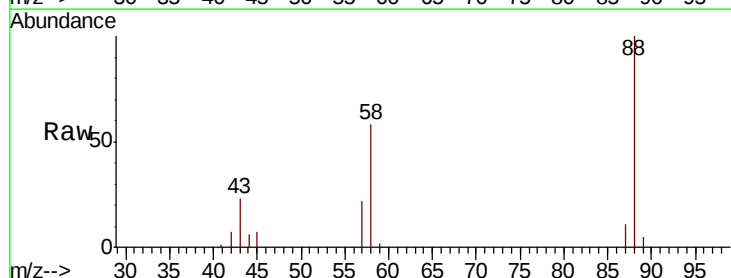
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#2

1,4-Dioxane
Concen: 35.733 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.09 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.6	49.3	73.9
43	28.8	18.8	28.2





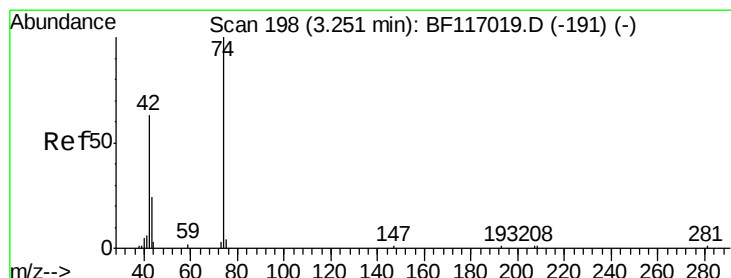
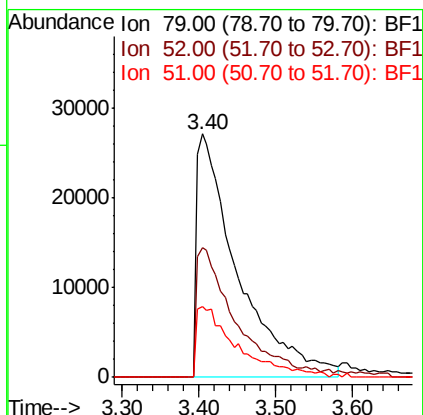
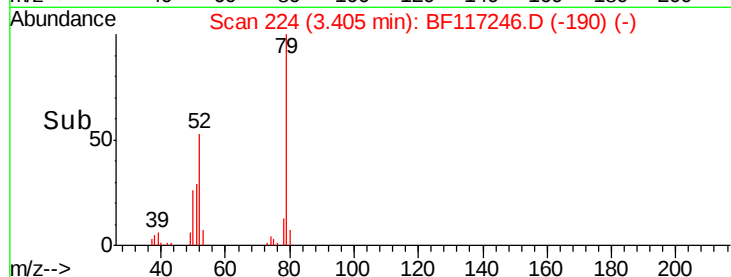
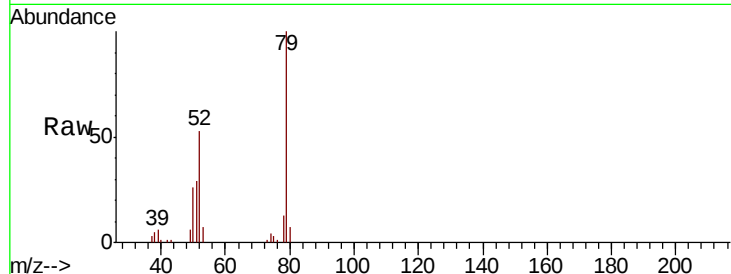
#3
 Pvridine
 Concen: 31.947 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.10 min
 Lab File: BF117246.D
 Acq: 25 Sep 2019 17:58

Instrument :
 BNA_F
 ClientSampleId :
 RT-1488-RBR200031-RBR200036M

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		100354		
52	53.1	43.5	65.3		
51	29.3	21.8	32.6		

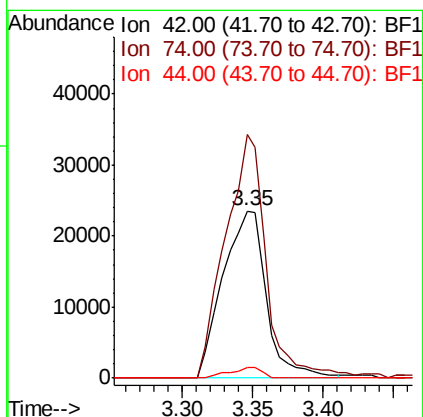
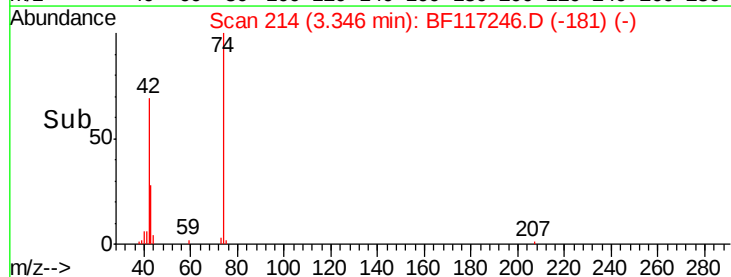
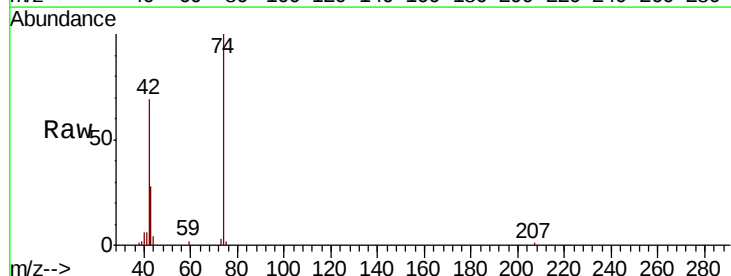
Manual Integrations
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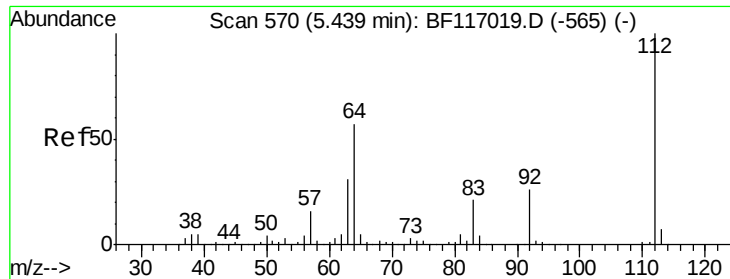
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#4
 n-Nitrosodimethylamine
 Concen: 46.661 ng
 RT: 3.35 min Scan# 214
 Delta R.T. 0.09 min
 Lab File: BF117246.D
 Acq: 25 Sep 2019 17:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		50301		
74	145.9	127.1	190.7		
44	6.1	4.3	6.5		





#5

2-Fluorophenol

Concen: 122.894 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF117246.D

Acq: 25 Sep 2019 17:58

Instrument :

BNA_F

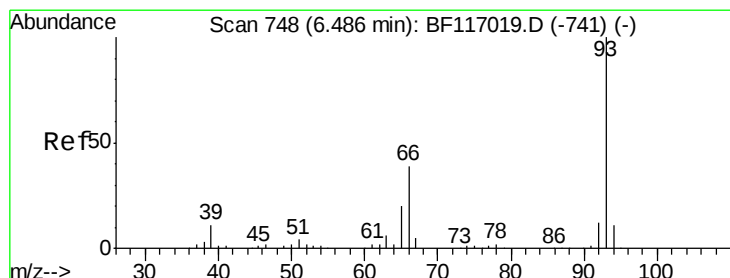
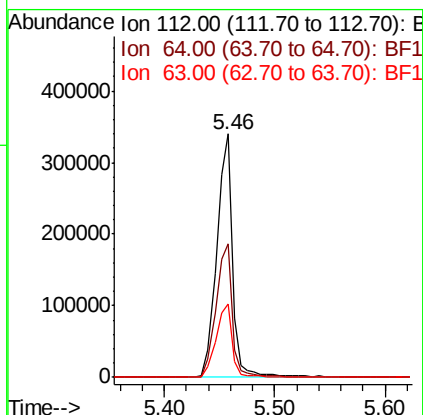
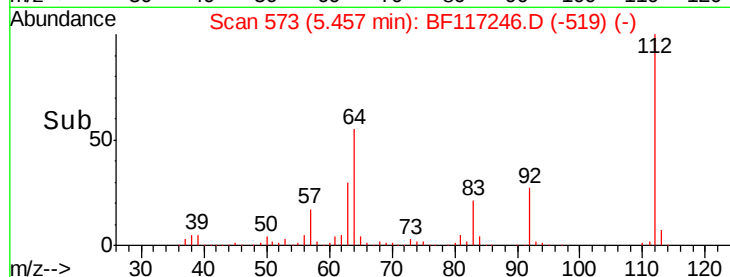
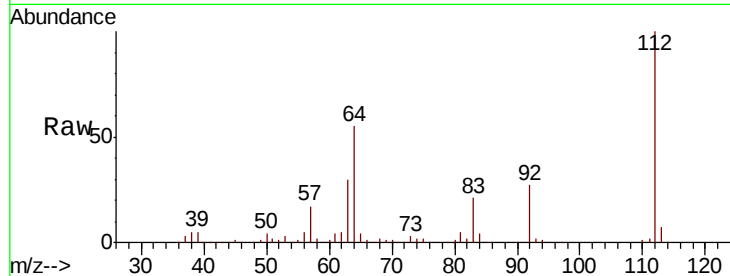
ClientSampleId :

RT-1488-RBR200031-RBR200036M

Tot Ion:	112	Resp:	337060
Ion Ratio	Lower	Upper	
112	100		
64	54.7	45.7	68.5
63	30.4	24.9	37.3

Manual Integrations
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#6

Aniline

Concen: 32.225 ng

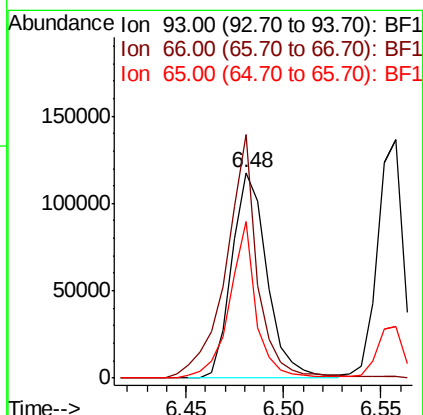
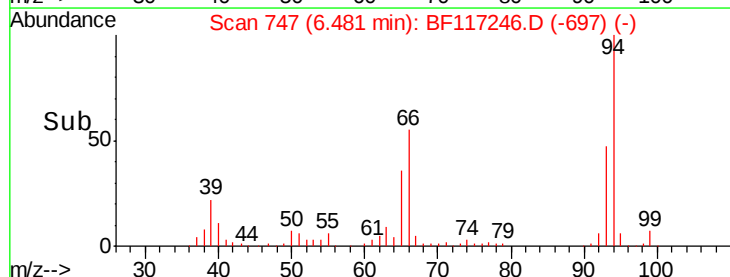
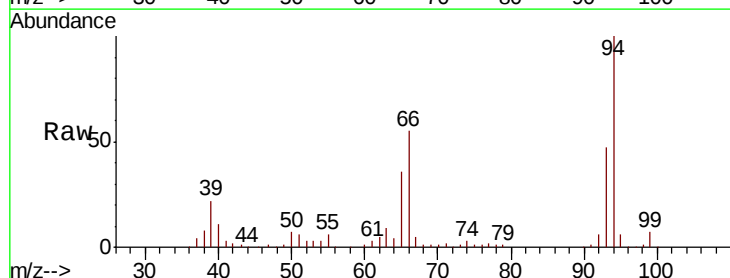
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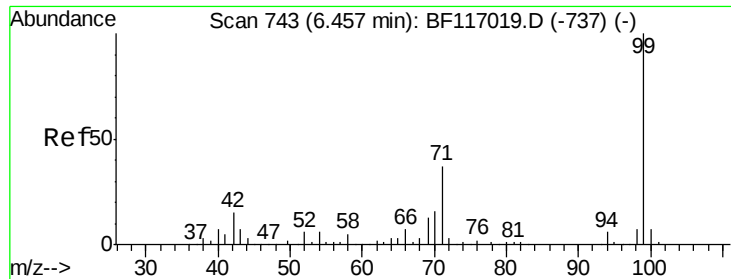
Delta R.T. -0.01 min

Lab File: BF117246.D

Acq: 25 Sep 2019 17:58

Tgt Ion:	93	Resp:	147064
Ion Ratio	Lower	Upper	
93	100		
66	118.3	32.6	49.0#
65	76.4	16.7	25.1#





#7

Phenol-d6

Concen: 131.823 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117246.D

Acq: 25 Sep 2019 17:58

Instrument :

BNA_F

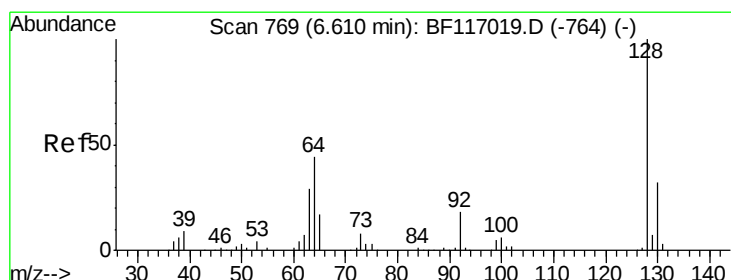
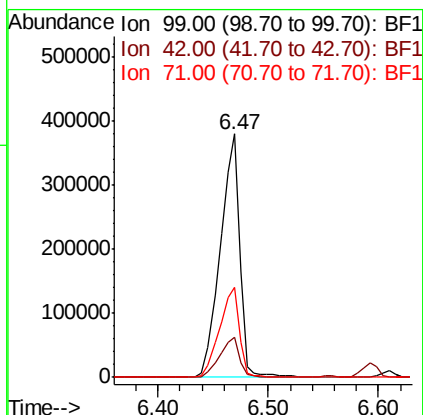
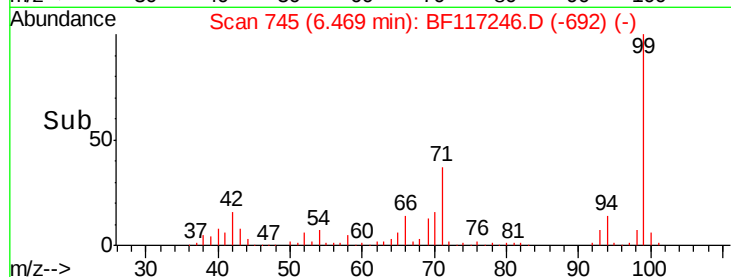
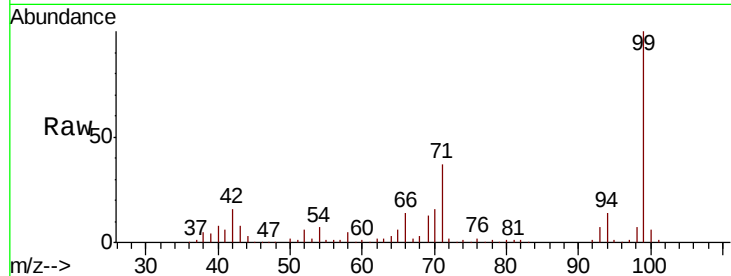
ClientSampleId :

RT-1488-RBR200031-RBR200036M

Tot Ion:	99	Resp:	467249
Ion Ratio	Lower	Upper	
99	100		
42	16.3	12.2	18.2
71	36.8	29.8	44.8

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#8

2-Chlorophenol

Concen: 45.876 ng

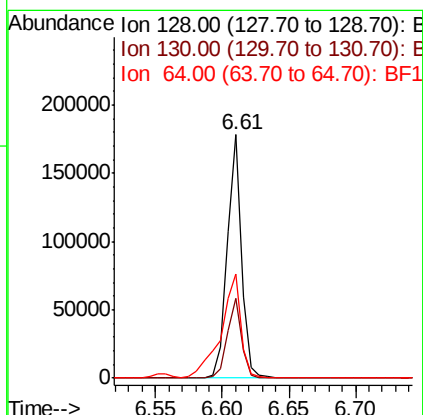
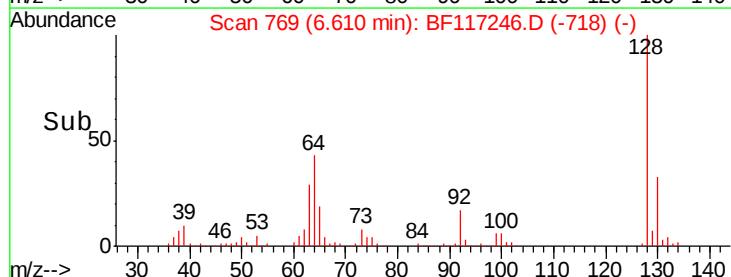
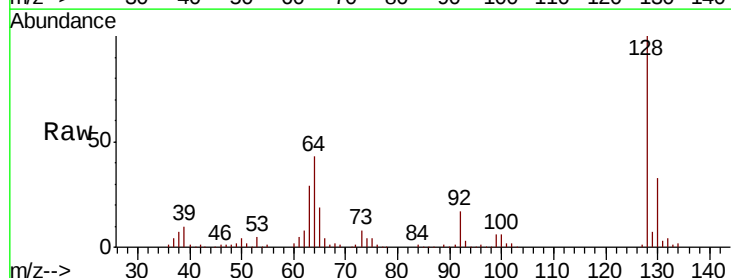
RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF117246.D

Acq: 25 Sep 2019 17:58

Tgt Ion:	128	Resp:	135739
Ion Ratio	Lower	Upper	
128	100		
130	33.0	11.8	51.8
64	42.8	25.0	65.0





#9

Benzaldehyde

Concen: 54.421 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF117246.D

Acq: 25 Sep 2019 17:58

Instrument :

BNA_F

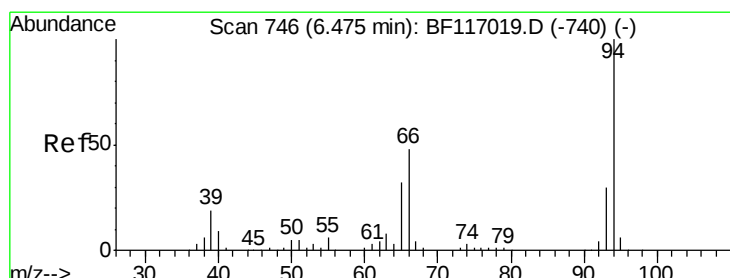
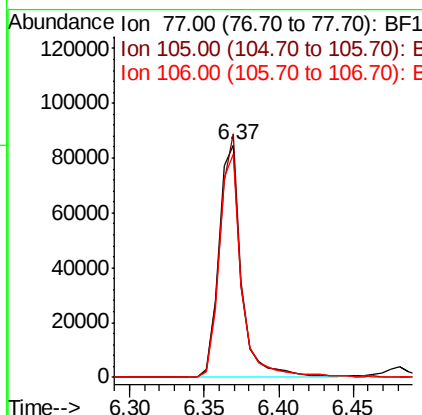
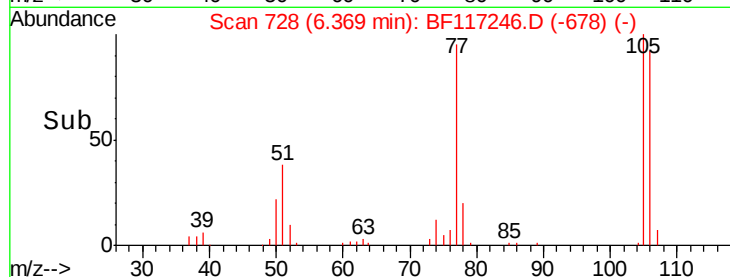
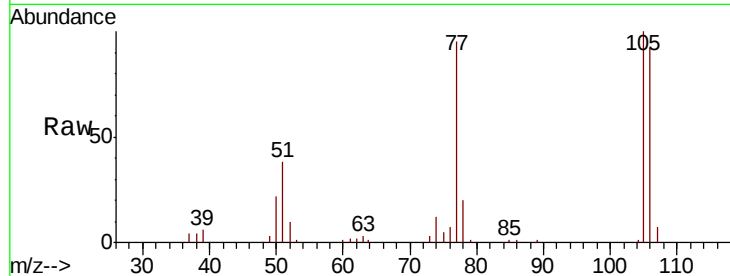
ClientSampleId :

RT-1488-RBR200031-RBR200036M

Tot Ion:	77	Resp:	90356
Ion	Ratio	Lower	Upper
77	100		
105	104.8	81.8	121.8
106	96.2	77.3	117.3

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#10

Phenol

Concen: 49.579 ng

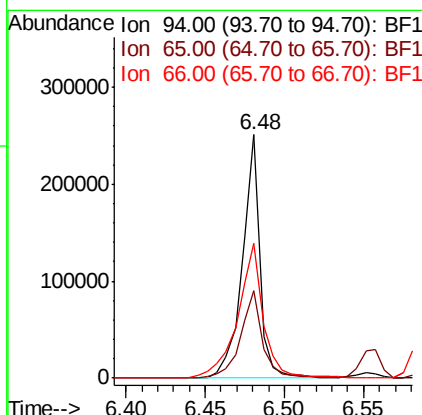
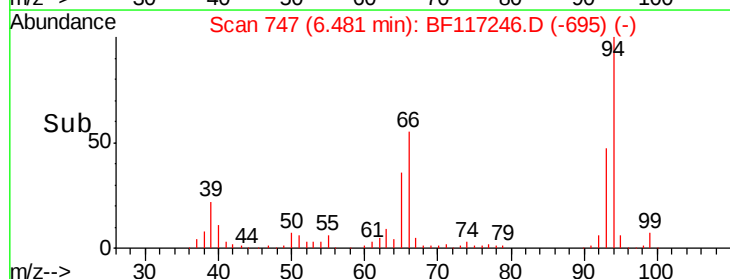
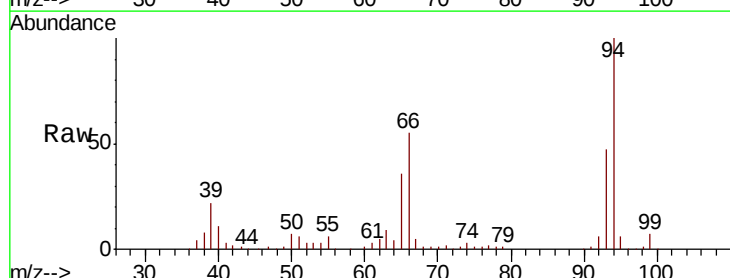
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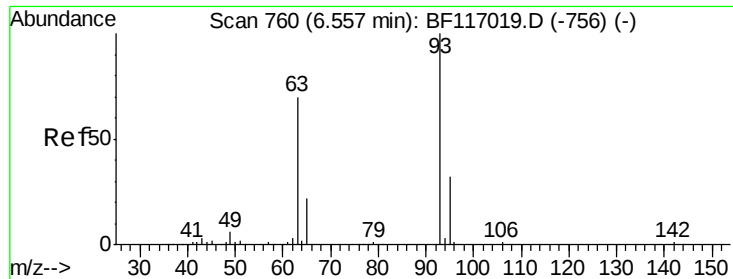
Delta R.T. 0.01 min

Lab File: BF117246.D

Acq: 25 Sep 2019 17:58

Tgt Ion:	94	Resp:	193733
Ion	Ratio	Lower	Upper
94	100		
65	35.8	12.5	52.5
66	55.5	28.9	68.9





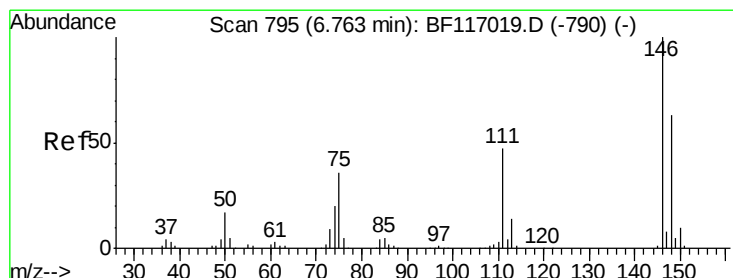
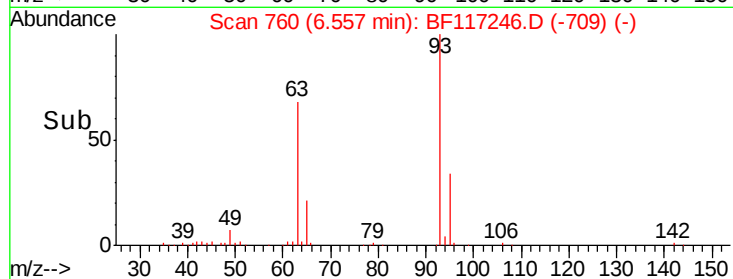
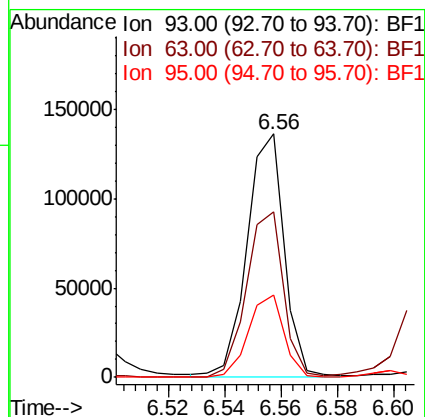
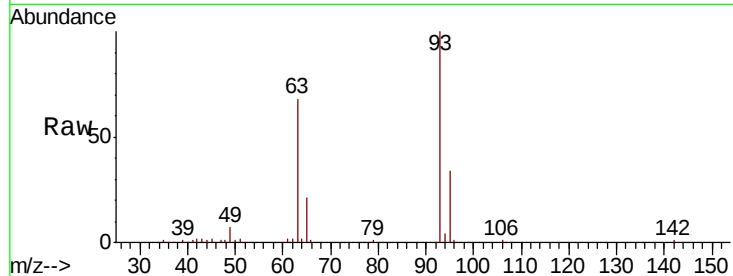
#11
bis(2-Chloroethyl)ether
Concen: 43.639 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion:	93	Resp:	125327
Ion Ratio	Lower	Upper	
93	100		
63	67.7	49.3	89.3
95	33.7	11.5	51.5

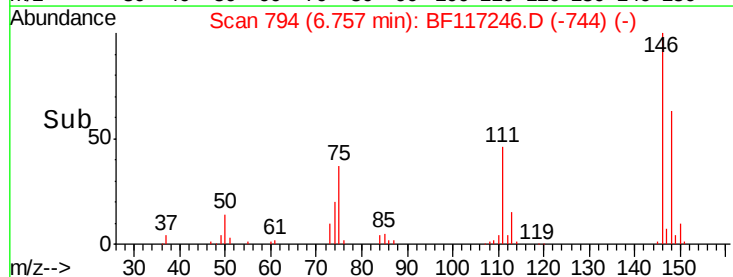
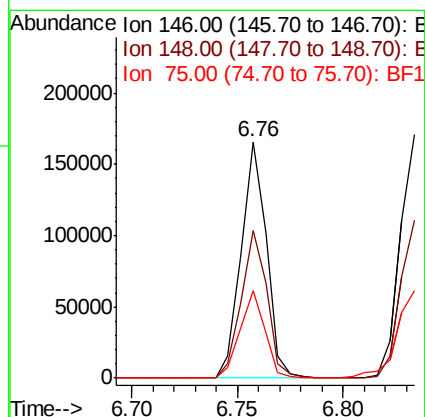
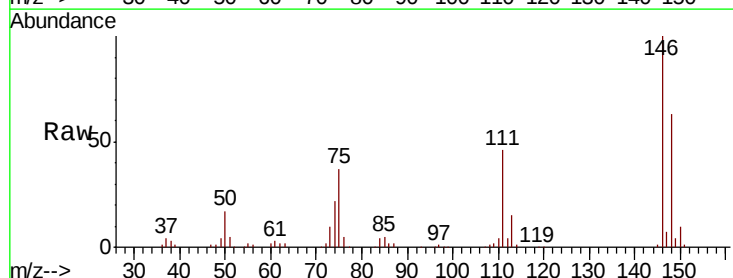
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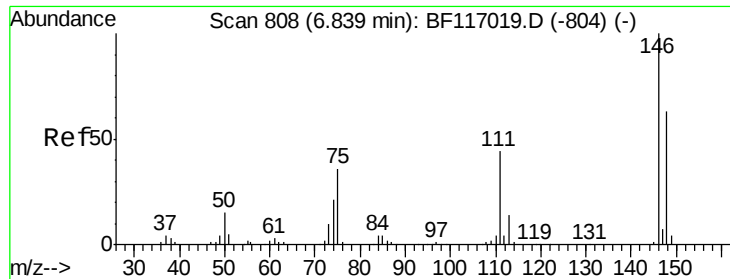
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.400 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Tgt Ion:	146	Resp:	137454
Ion Ratio	Lower	Upper	
146	100		
148	62.6	50.8	76.2
75	36.9	28.7	43.1





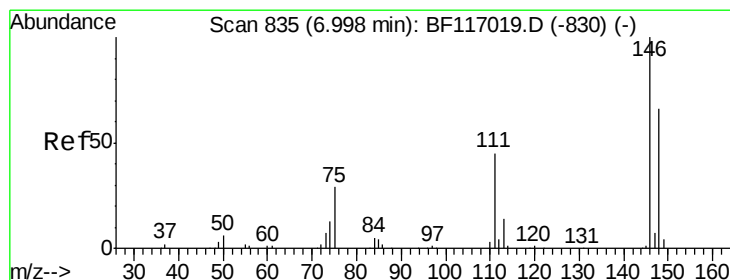
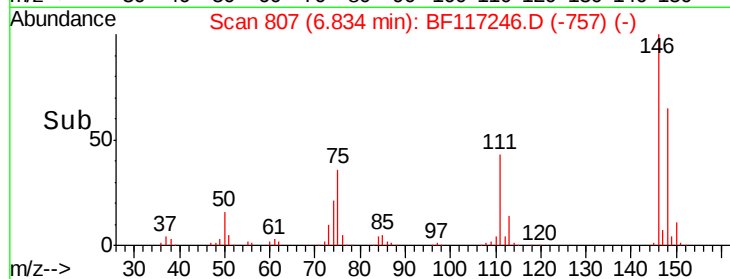
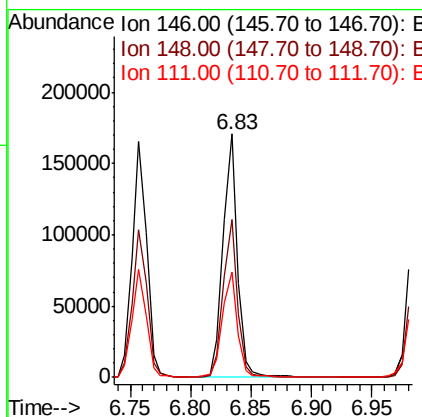
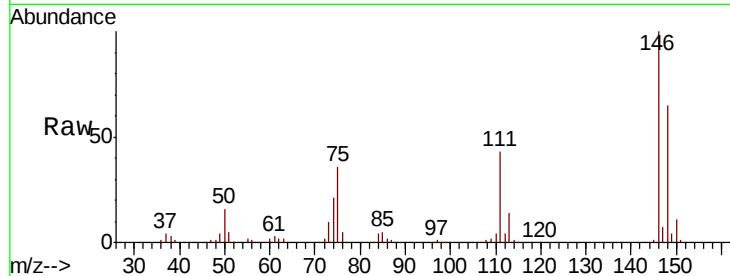
#13
1,4-Dichlorobenzene
Concen: 41.824 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.6	76.0
111	43.3	35.0	52.6

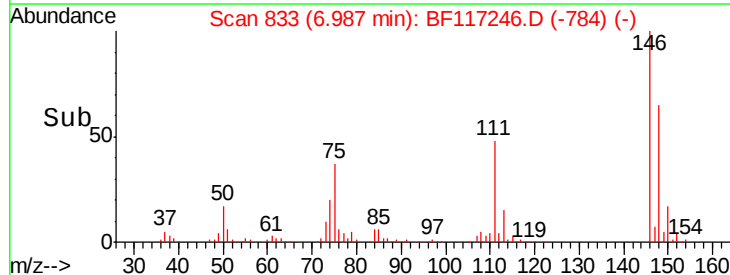
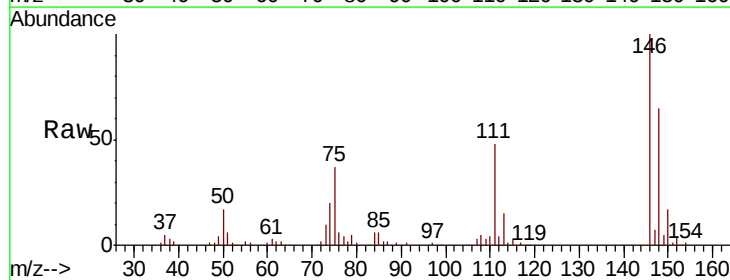
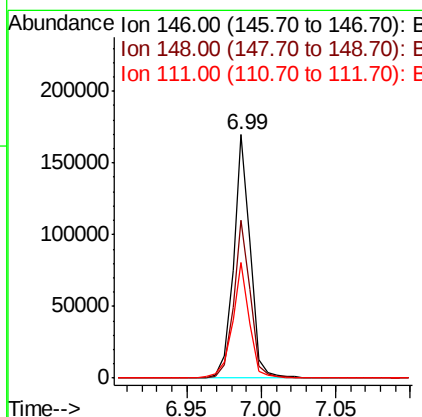
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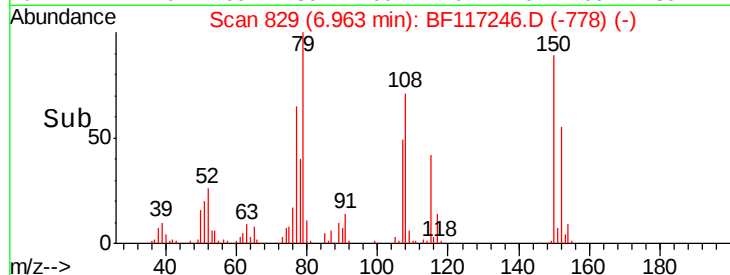
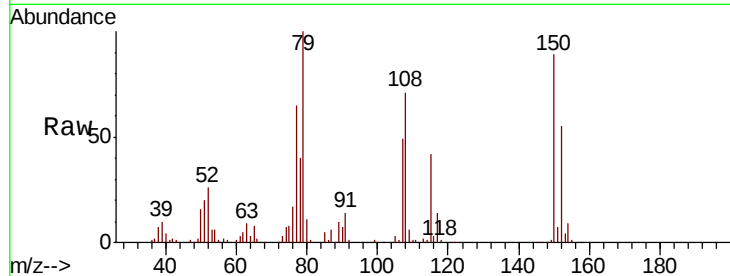
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#14
1,2-Dichlorobenzene
Concen: 42.485 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.6	78.8
111	47.7	36.2	54.2





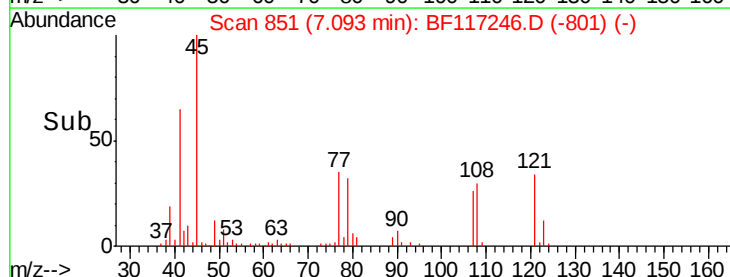
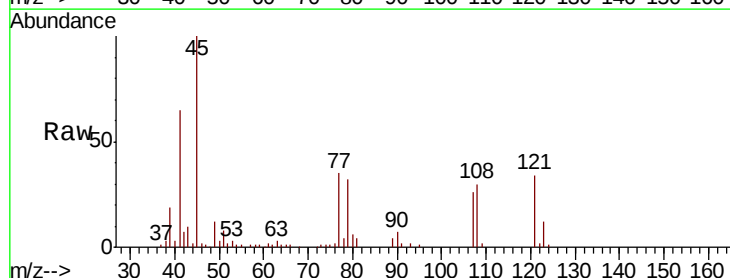
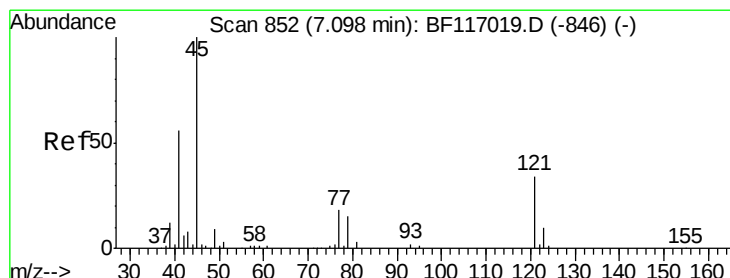
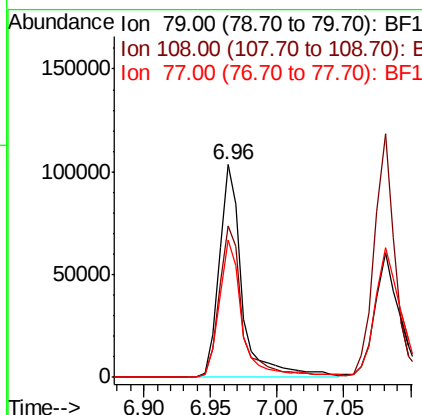
#15
Benzyl Alcohol
Concen: 46.513 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	71.1	59.4	89.0		
77	64.7	50.2	75.2		

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

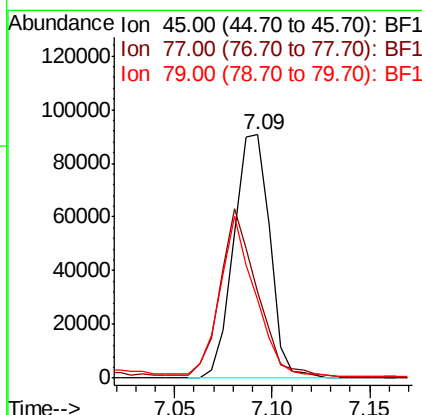
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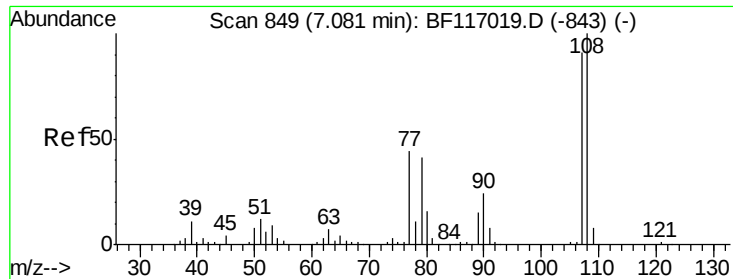
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.117 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	35.5	2.7	42.7		
79	32.0	0.0	38.9		





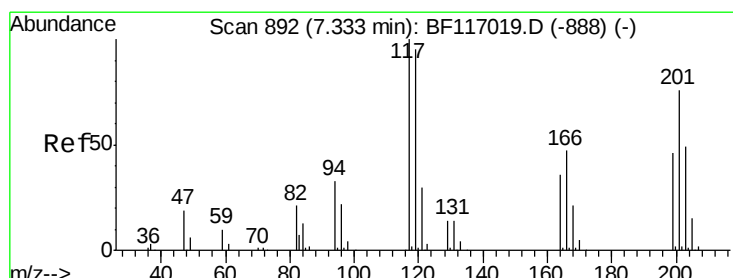
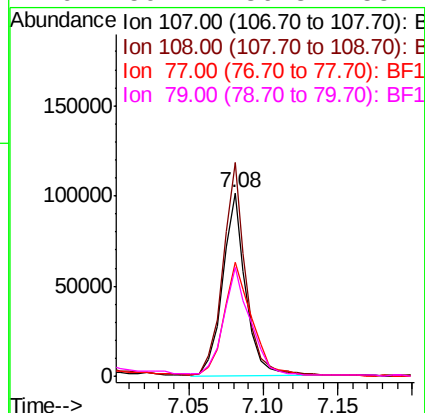
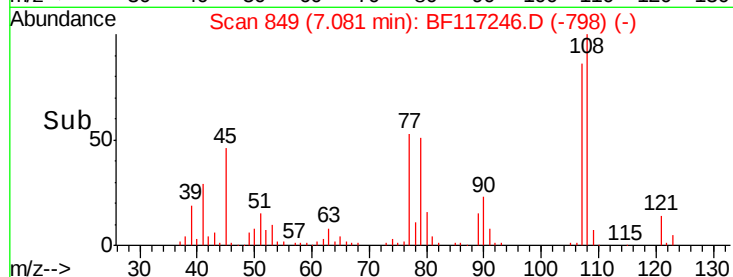
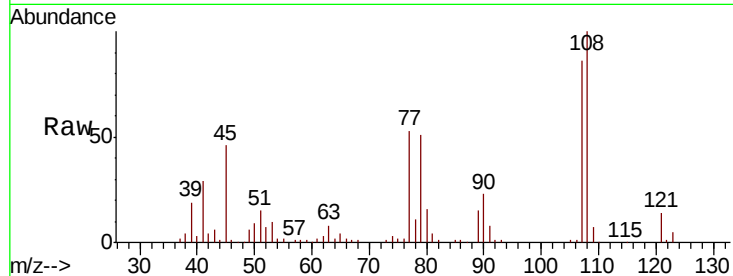
#17
2-Methylphenol
Concen: 44.415 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.4	87.7	131.5	
77	61.9	38.6	58.0	
79	59.4	36.8	55.2	

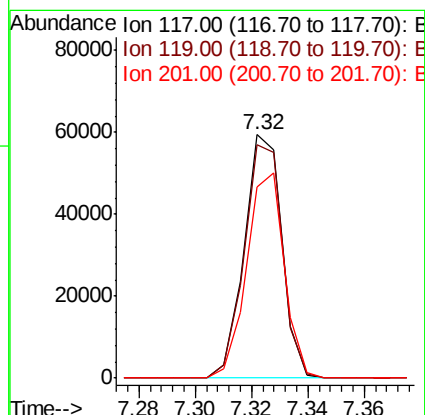
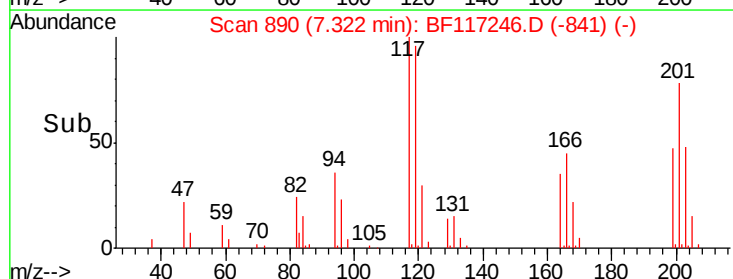
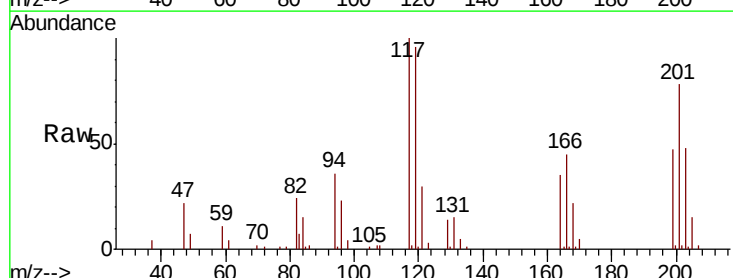
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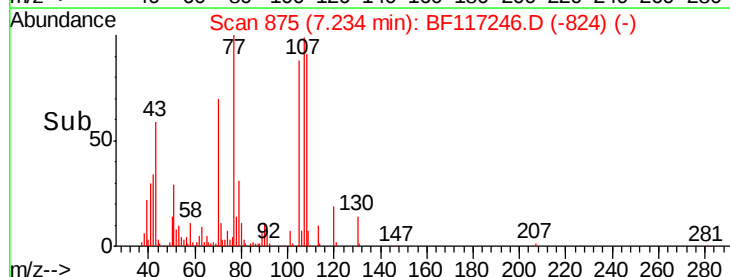
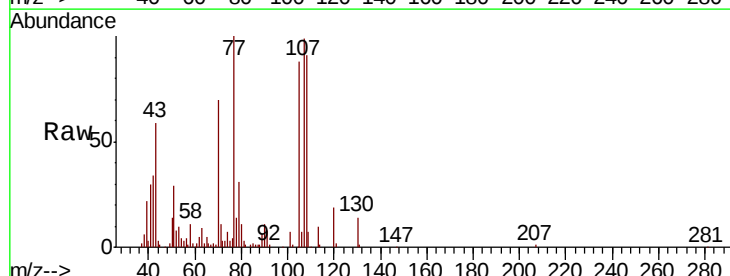
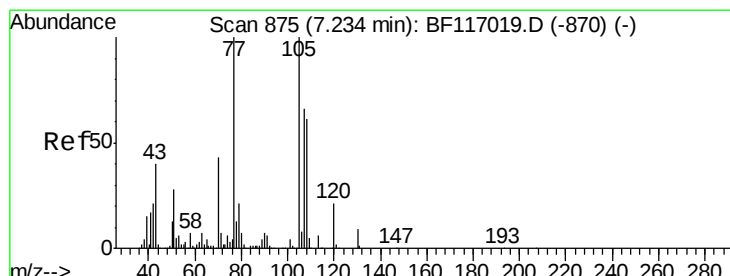
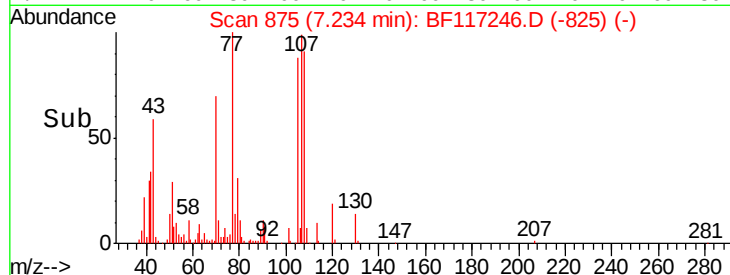
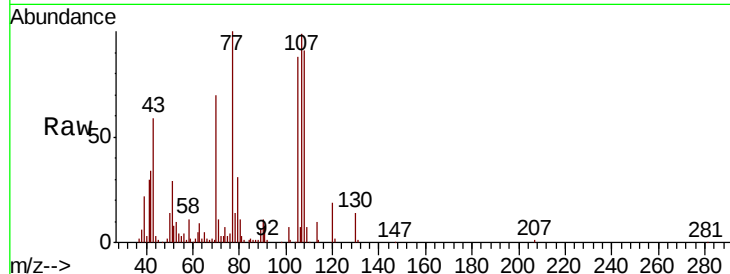
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#18
Hexachloroethane
Concen: 41.991 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	75.8	113.8	
201	78.4	60.9	91.3	





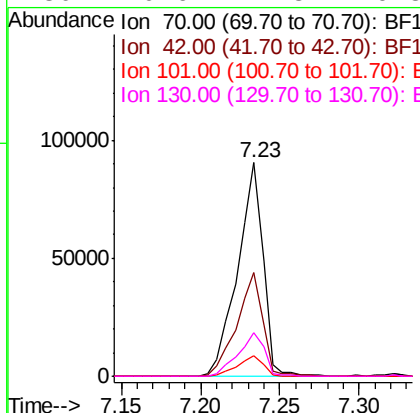
#19
n-Nitroso-di-n-propylamine
Concen: 46.655 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Lower	Upper
70	100		
42	48.8	34.0	51.0
101	9.4	7.8	11.6
130	20.6	17.8	26.8

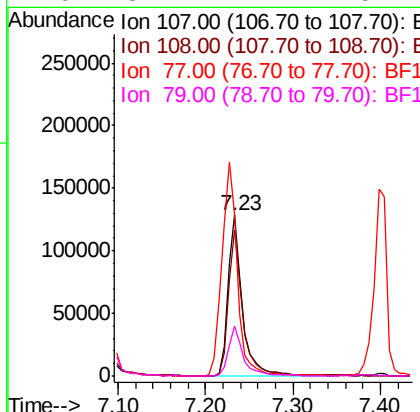
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#20
3+4-Methylphenols
Concen: 47.801 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.1	72.6	112.6
77	100.5	132.1	172.1#
79	31.1	12.1	52.1





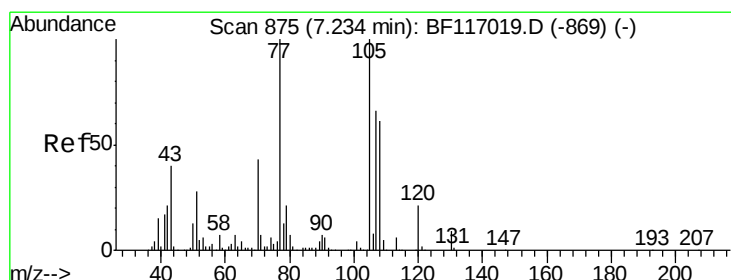
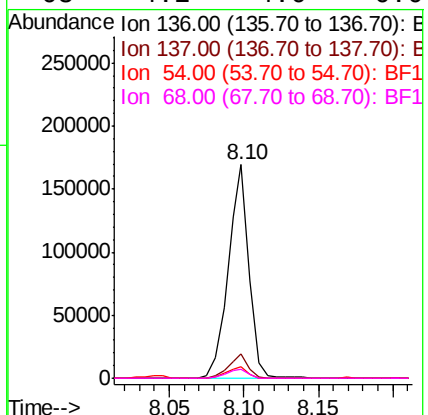
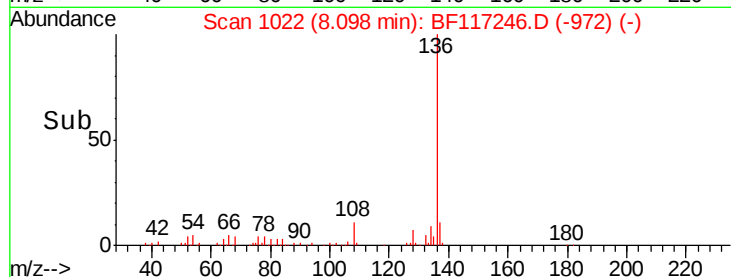
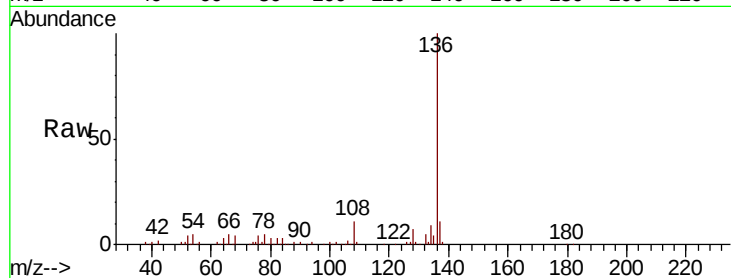
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Resp	Lower	Upper
136	100	165491		
137	11.2	9.0	13.4	
54	5.5	4.5	6.7	
68	4.2	4.0	6.0	

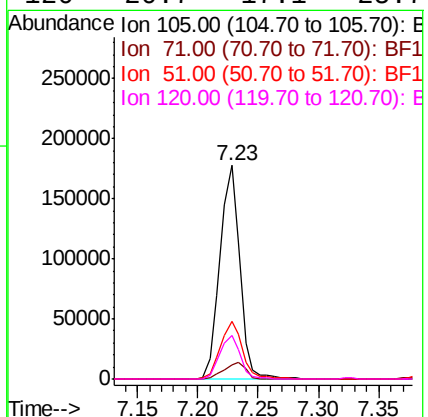
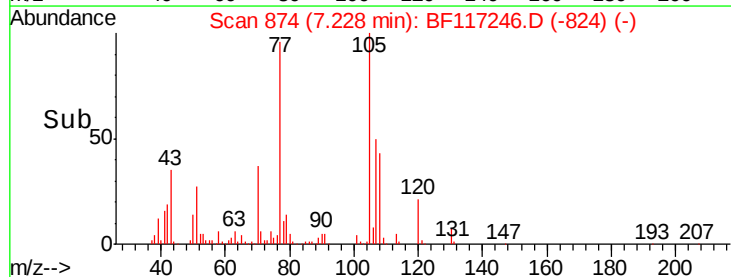
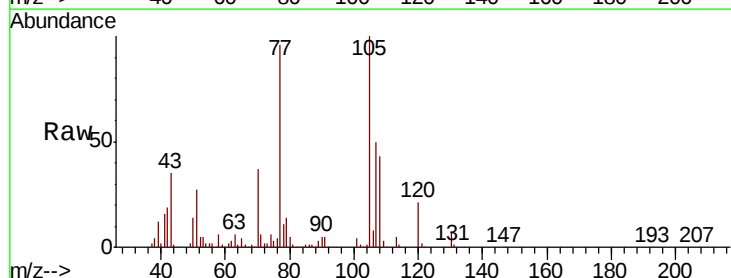
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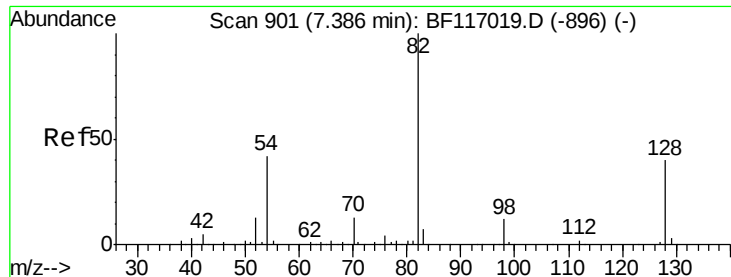
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#22
Acetophenone
Concen: 48.344 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	203267		
71	6.3	5.7	8.5	
51	27.1	22.1	33.1	
120	20.7	17.1	25.7	





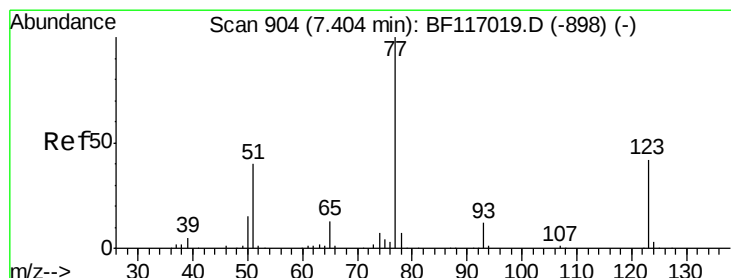
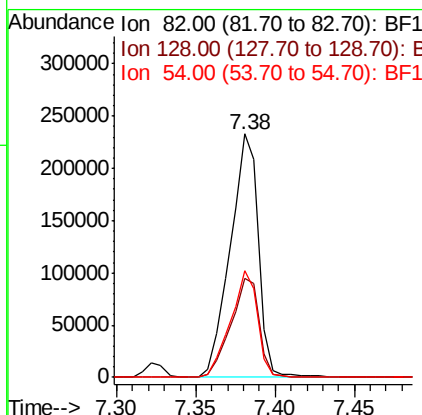
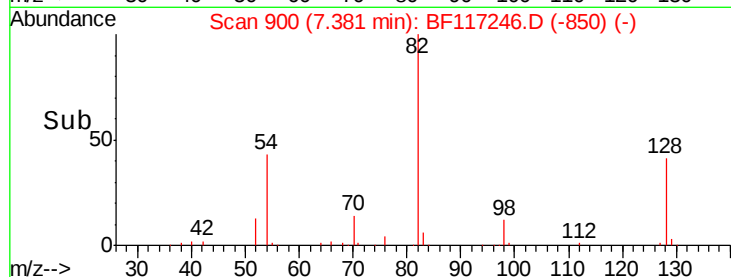
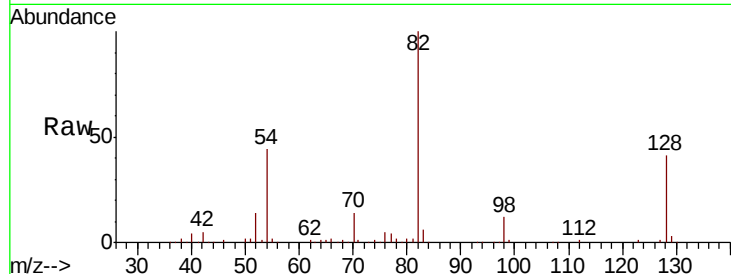
#23
 Nitrobenzene-d5
 Concen: 90.921 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF117246.D
 Acq: 25 Sep 2019 17:58

Instrument :
 BNA_F
 ClientSampleId :
 RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Resp	Lower	Upper
82	100	286371		
128	40.6		32.3	48.5
54	43.7		33.3	49.9

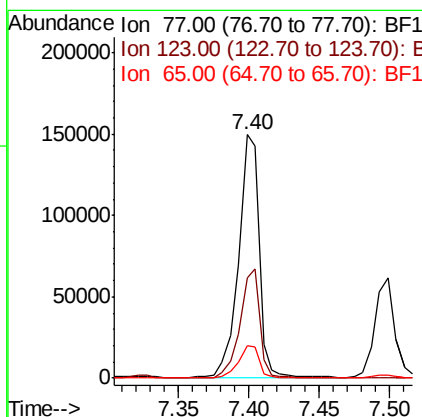
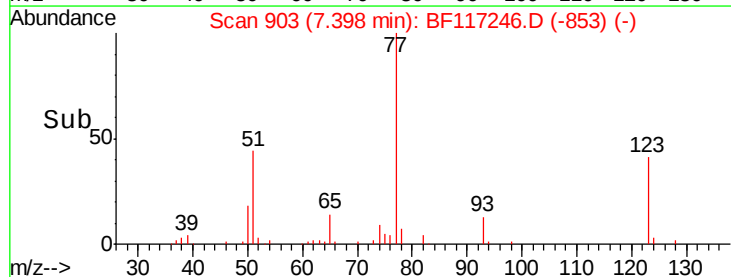
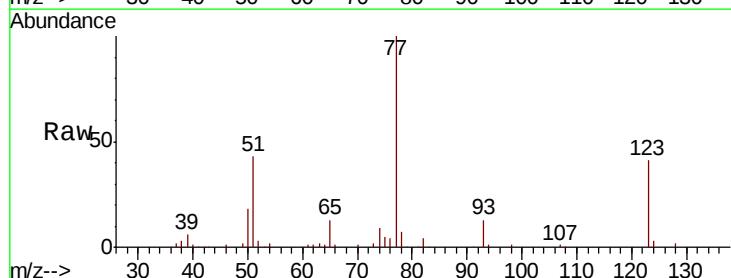
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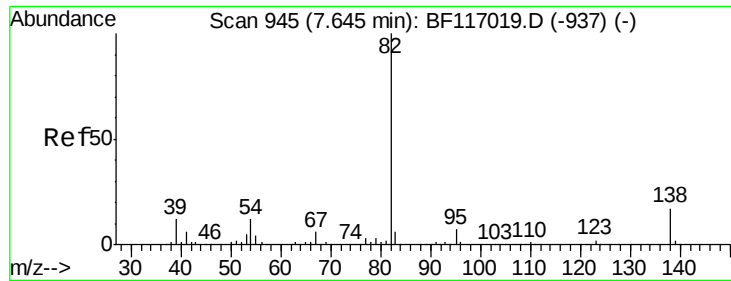
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#24
 Nitrobenzene
 Concen: 48.978 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF117246.D
 Acq: 25 Sep 2019 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	152341		
123	41.2		33.5	50.3
65	13.2		10.5	15.7





#25

Isophorone

Concen: 48.847 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF117246.D

Acq: 25 Sep 2019 17:58

Instrument :

BNA_F

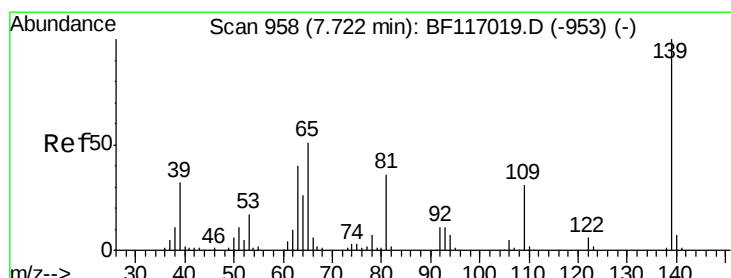
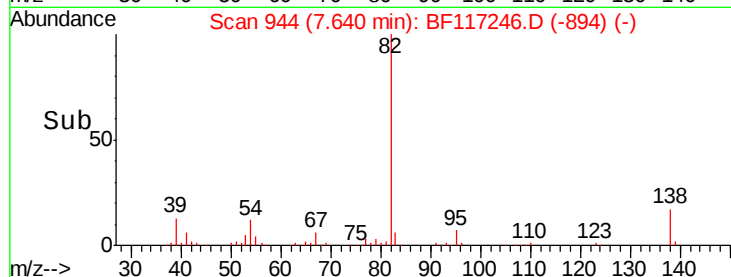
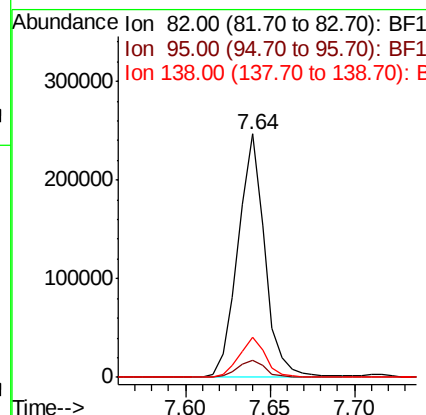
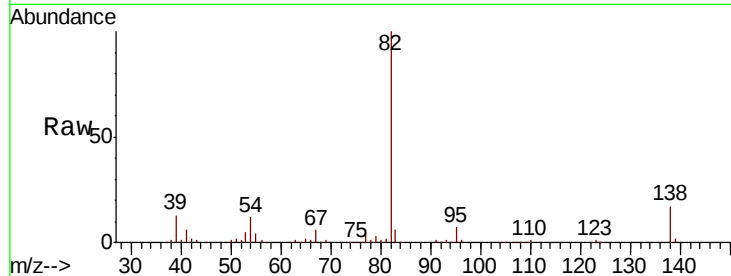
ClientSampleId :

RT-1488-RBR200031-RBR200036M

Tot Ion:	82	Resp:	272408
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.8	8.6
138	16.6	13.5	20.3

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#26

2-Nitrophenol

Concen: 52.447 ng

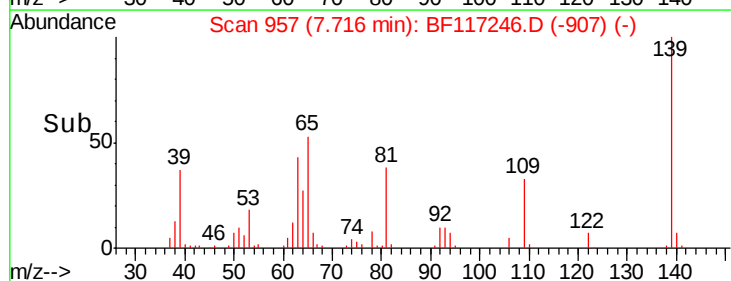
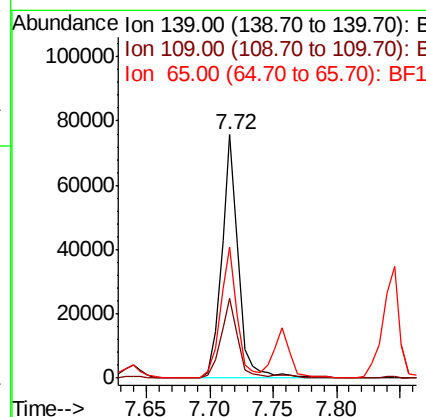
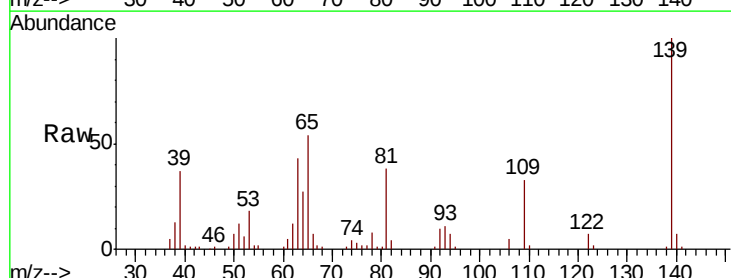
RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF117246.D

Acq: 25 Sep 2019 17:58

Tgt Ion:	139	Resp:	70071
Ion Ratio	Lower	Upper	
139	100		
109	32.5	24.6	36.8
65	53.8	40.9	61.3





#27

2,4-Dimethylphenol

Concen: 55.039 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF117246.D

Acq: 25 Sep 2019 17:58

Instrument :

BNA_F

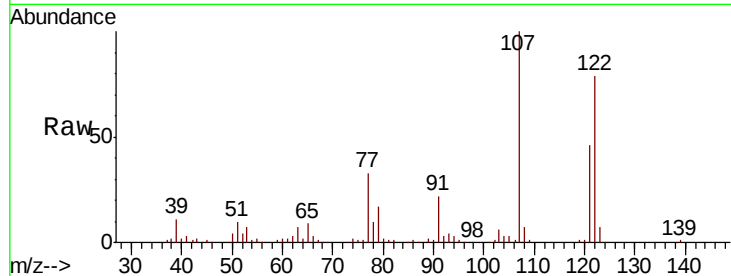
ClientSampleId :

RT-1488-RBR200031-RBR200036M

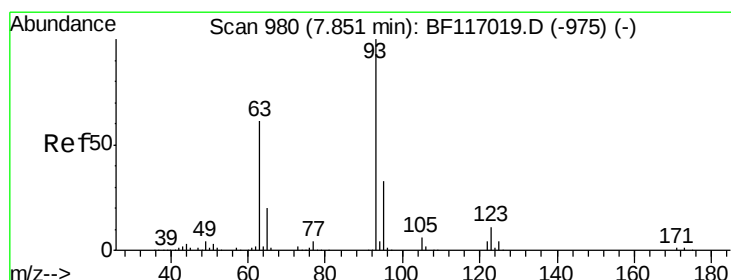
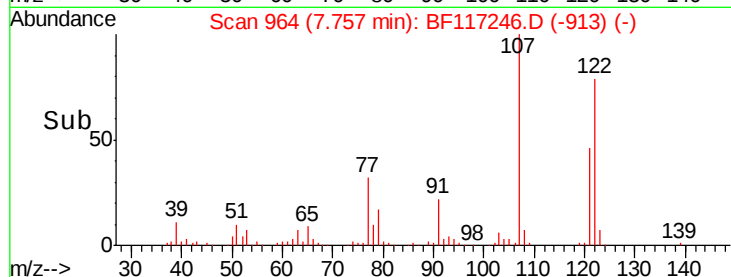
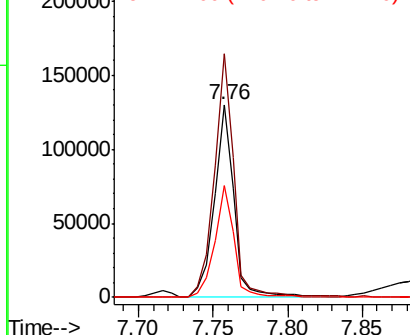
Tot Ion:	122	Resp:	116610
Ion Ratio	Lower	Upper	
122	100		
107	126.1	98.9	148.3
121	57.7	45.3	67.9

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.915 ng

RT: 7.85 min Scan# 979

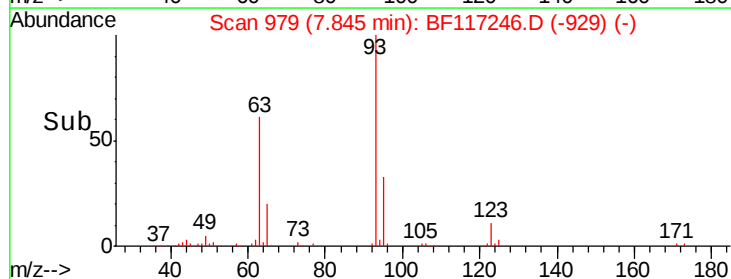
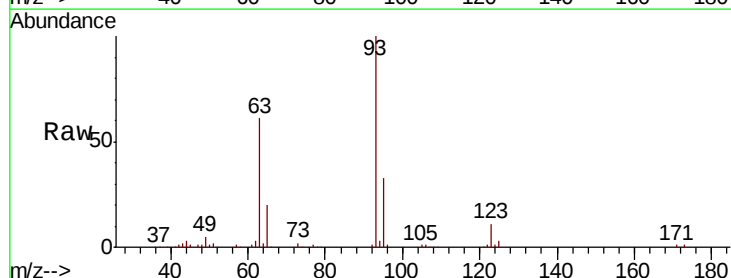
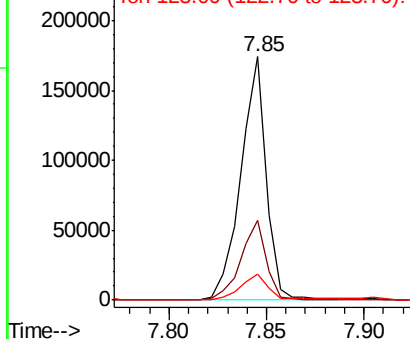
Delta R.T. -0.01 min

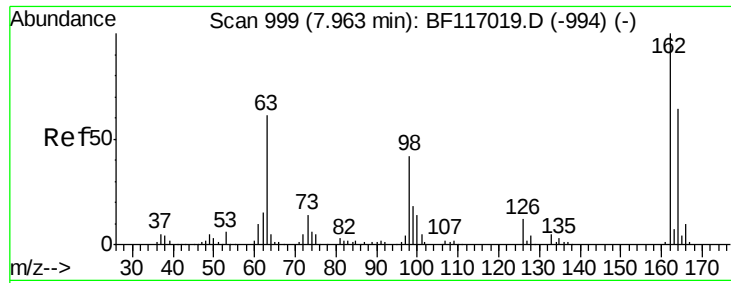
Lab File: BF117246.D

Acq: 25 Sep 2019 17:58

Tgt Ion:	93	Resp:	157760
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.2	39.4
123	10.8	9.0	13.6

Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





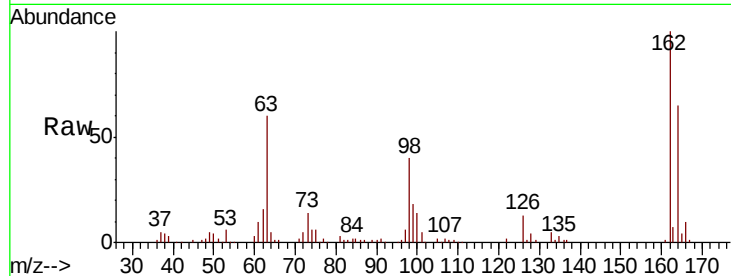
#29
2,4-Dichlorophenol
Concen: 49.291 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

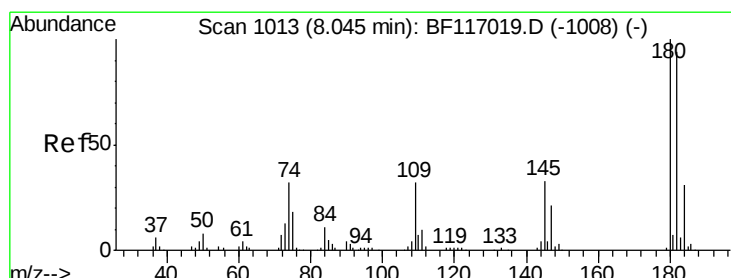
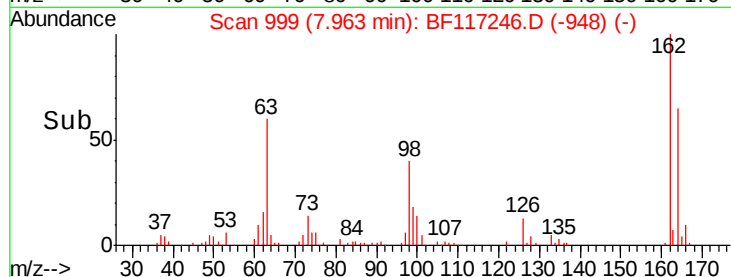
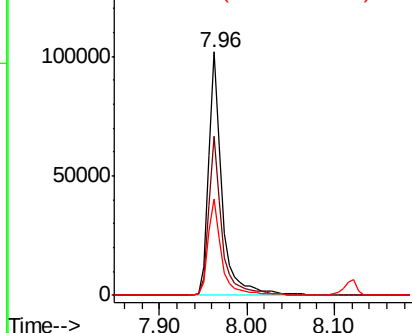
Tot Ion:	162	Resp:	109426
Ion Ratio	Lower	Upper	
162	100		
164	65.2	43.8	83.8
98	39.7	22.1	62.1

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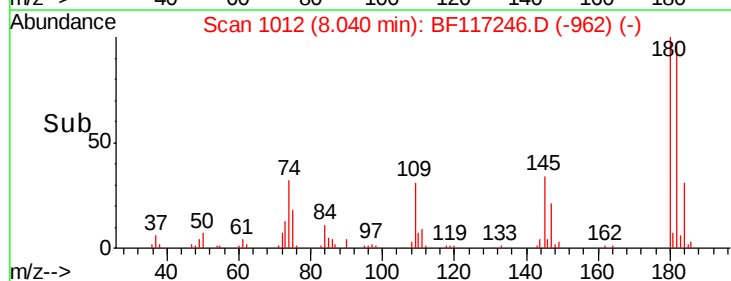
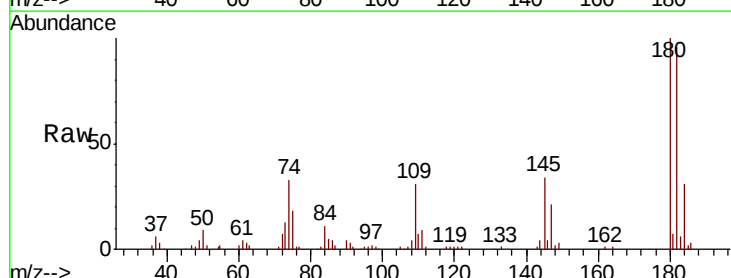
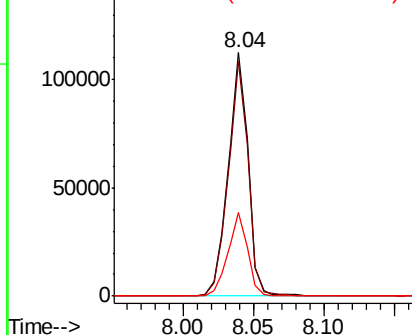
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

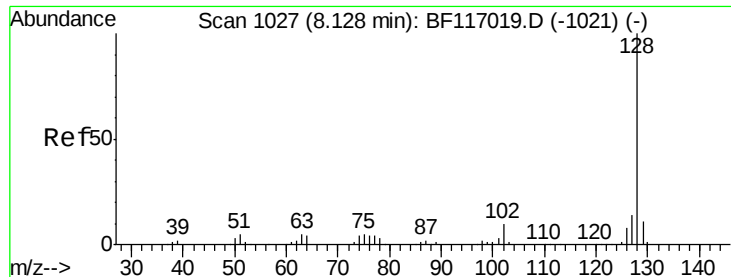


#30
1,2,4-Trichlorobenzene
Concen: 45.751 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Tgt Ion:	180	Resp:	109730
Ion Ratio	Lower	Upper	
180	100		
182	96.3	75.4	113.0
145	34.4	26.7	40.1

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





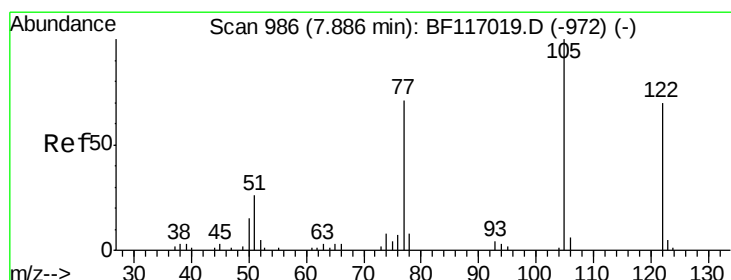
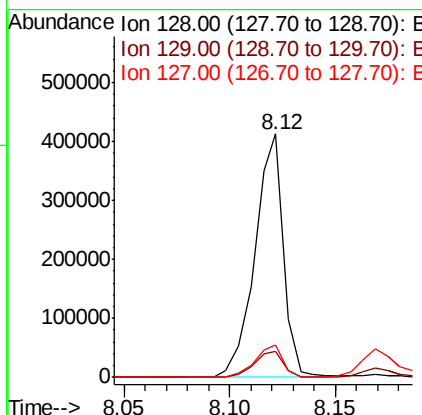
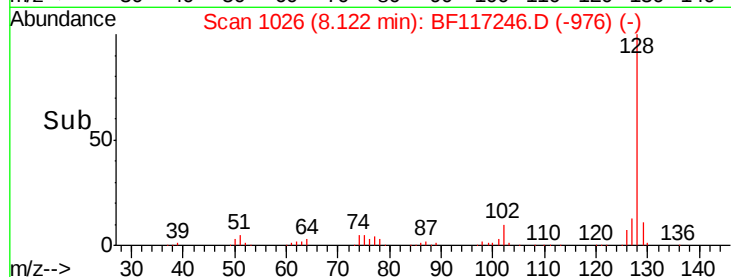
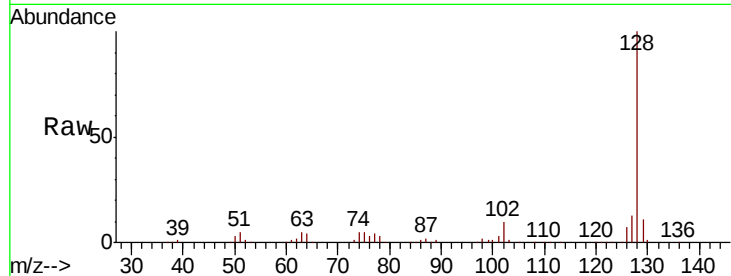
#31
Naphthalene
Concen: 48.883 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.7	9.0	13.4	
127	13.5	10.8	16.2	

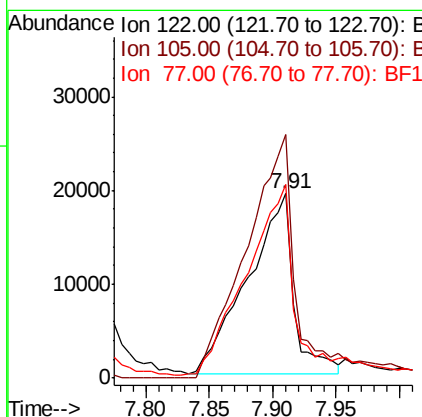
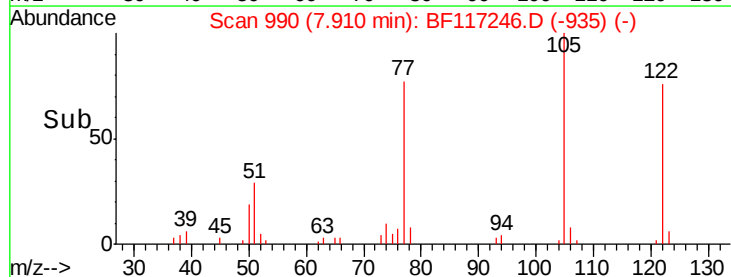
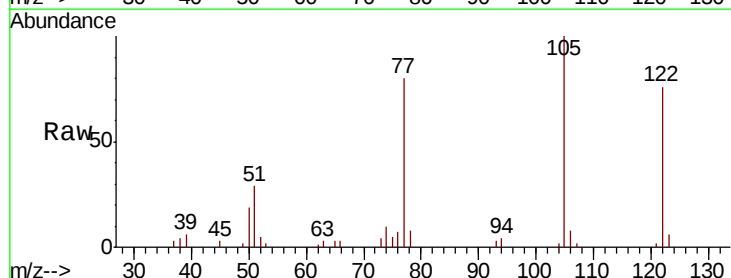
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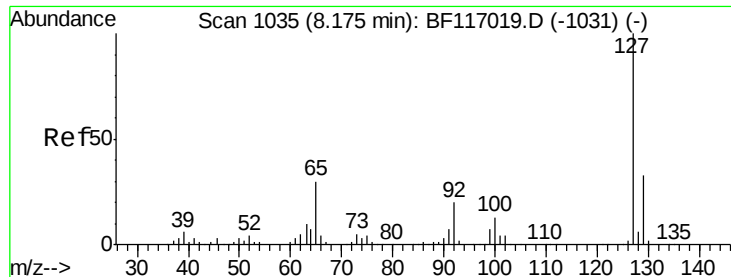
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#32
Benzoic acid
Concen: 32.727 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.02 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	132.0	114.8	154.8	
77	105.3	78.7	118.7	





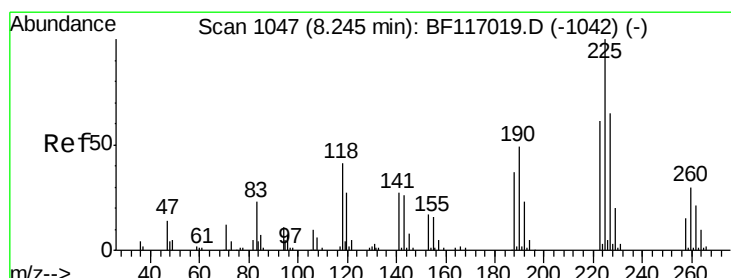
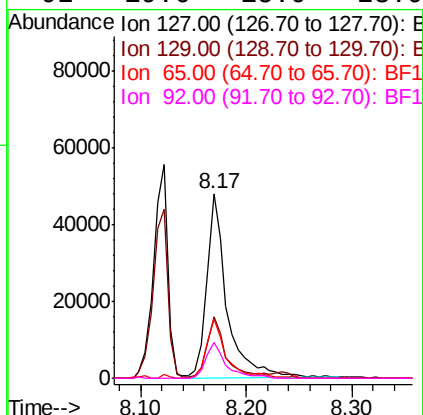
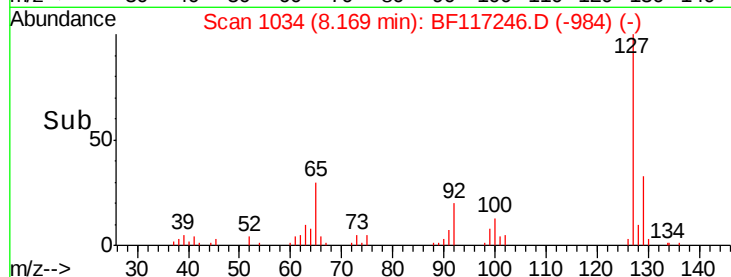
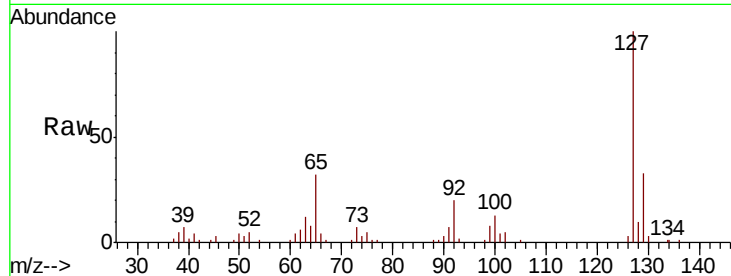
#33
4-Chloroaniline
Concen: 18.072 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.2	39.2
65	31.6	23.5	35.3
92	19.6	15.9	23.9

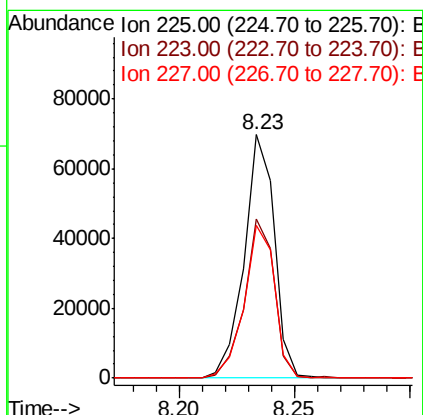
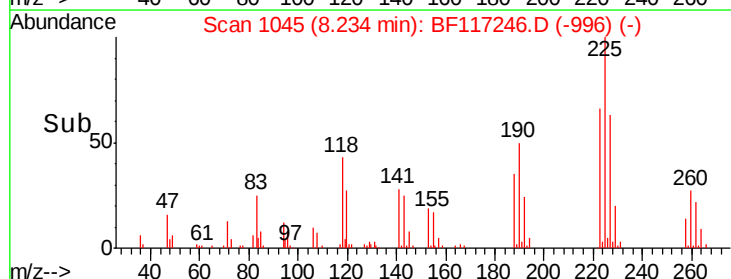
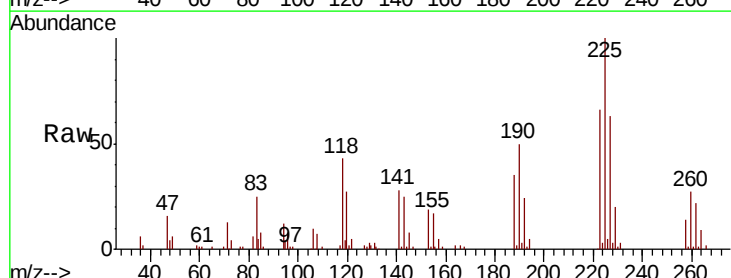
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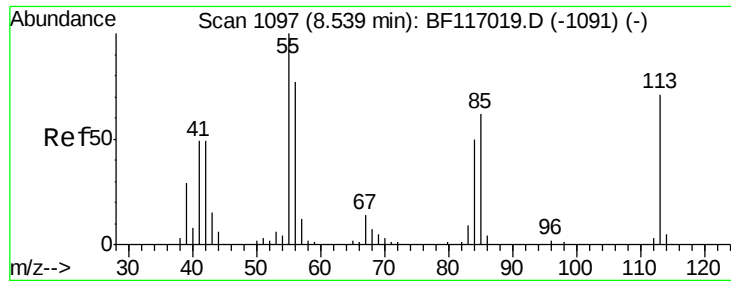
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#34
Hexachlorobutadiene
Concen: 47.089 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.5	49.1	73.7
227	62.9	52.2	78.2





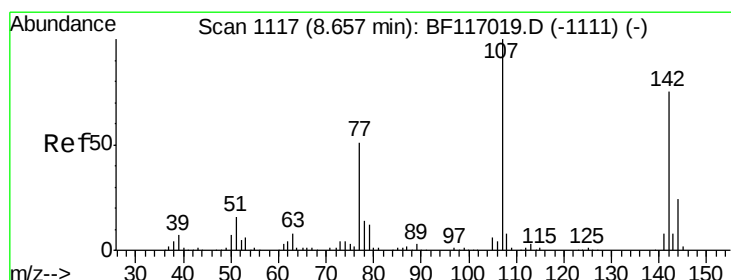
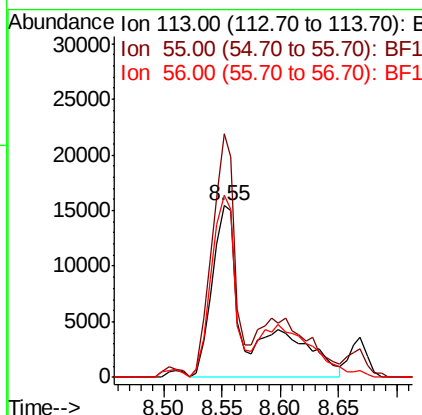
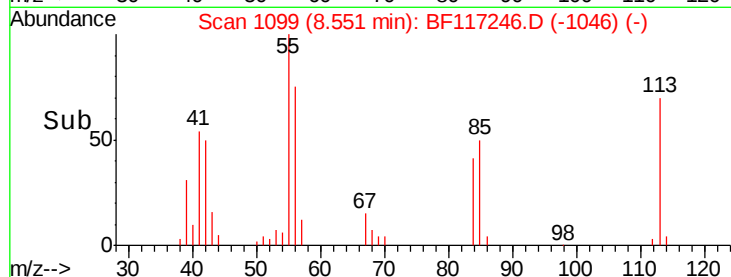
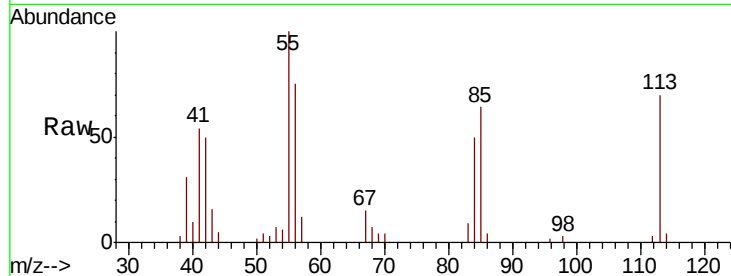
#35
 Caprolactam
 Concen: 47.023 ng/ml
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: BF117246.D
 Acq: 25 Sep 2019 17:58

Instrument :
 BNA_F
 ClientSampleId :
 RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Lower	Upper
113	100		
55	142.0	120.6	160.6
56	106.6	88.8	128.8

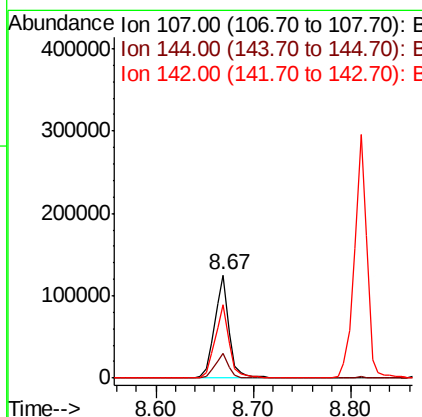
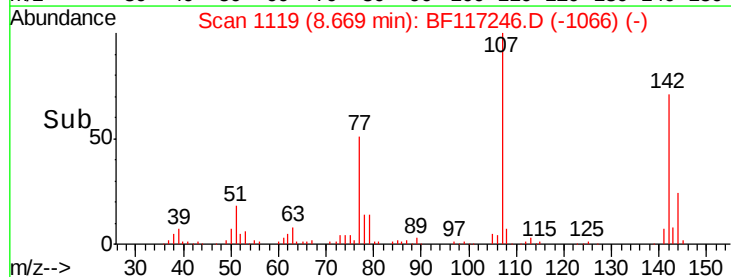
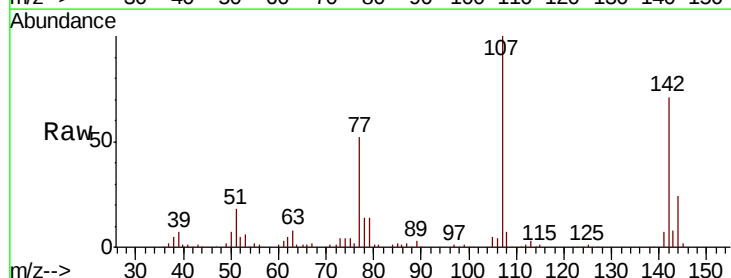
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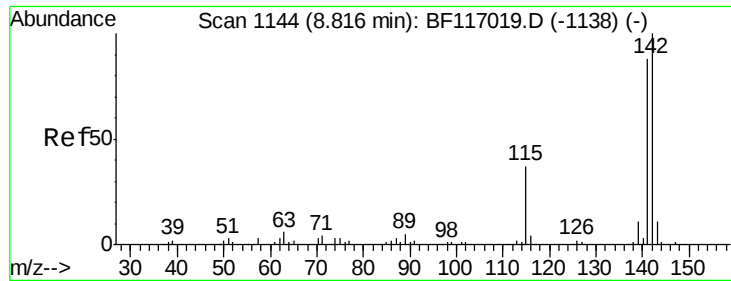
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#36
 4-Chloro-3-methylphenol
 Concen: 49.737 ng/ml
 RT: 8.67 min Scan# 1119
 Delta R.T. 0.01 min
 Lab File: BF117246.D
 Acq: 25 Sep 2019 17:58

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.6	19.2	28.8
142	71.0	59.6	89.4





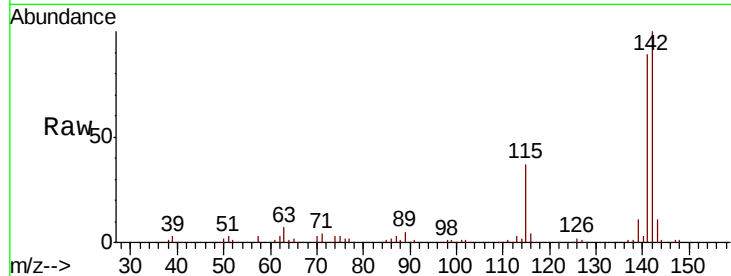
#37
2-Methylnaphthalene
Concen: 49.212 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.7	106.1
115	36.9	29.4	44.0

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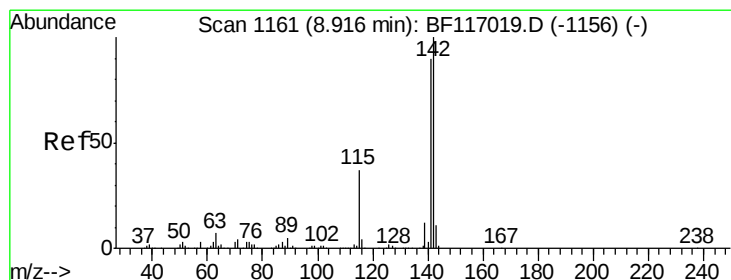
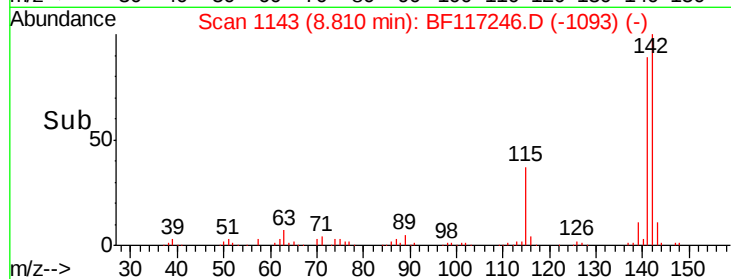
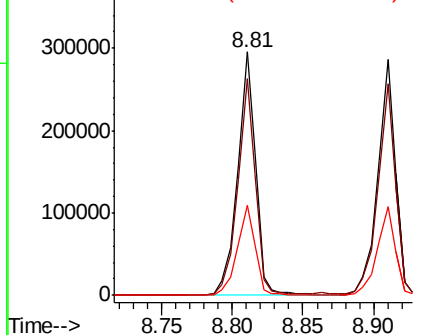


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 49.575 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

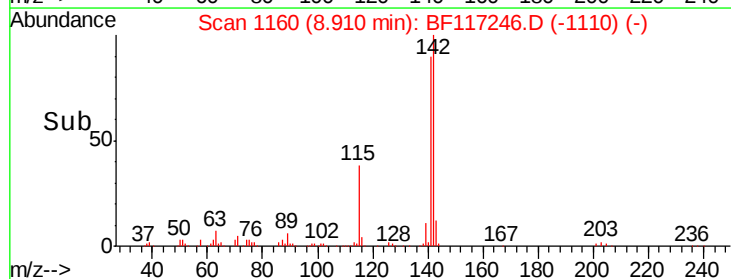
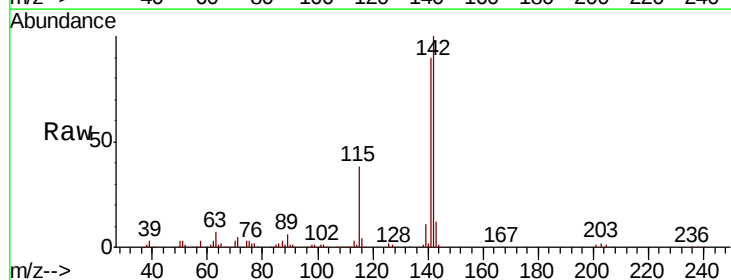
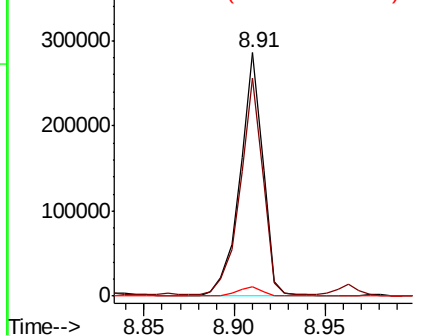
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.9	107.9
116	4.0	3.2	4.8

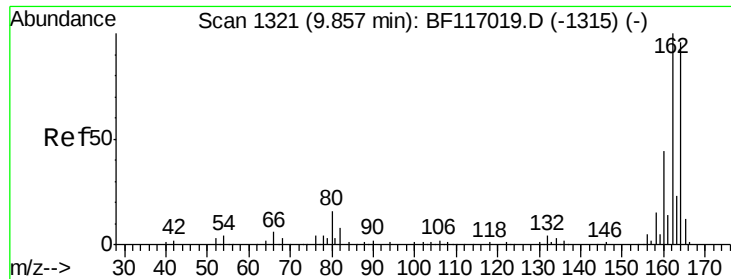
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF117246.D

Acq: 25 Sep 2019 17:58

Instrument :

BNA_F

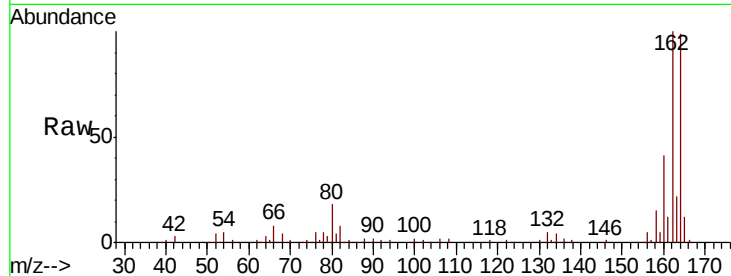
ClientSampleId :

RT-1488-RBR200031-RBR200036M

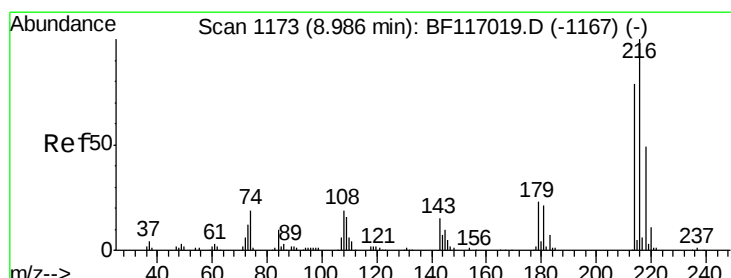
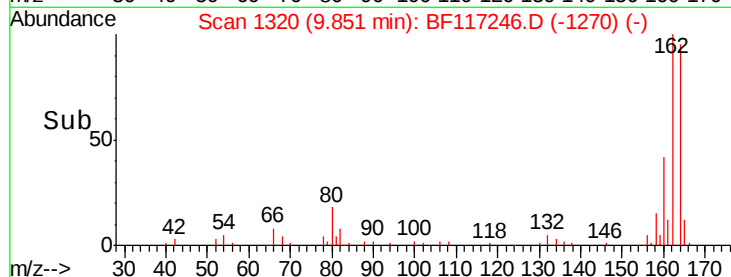
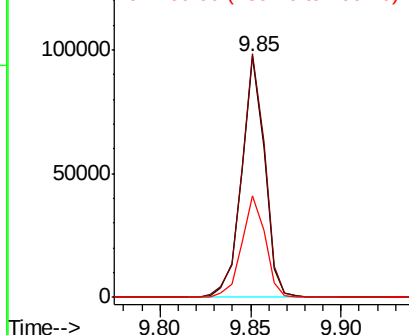
Tot Ion:	164	Resp:	85728
Ion Ratio	Lower	Upper	
164	100		
162	101.2	83.4	125.2
160	41.9	36.4	54.6

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.697 ng

RT: 8.98 min Scan# 1172

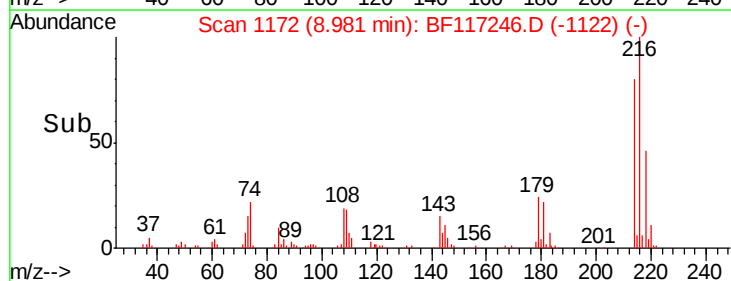
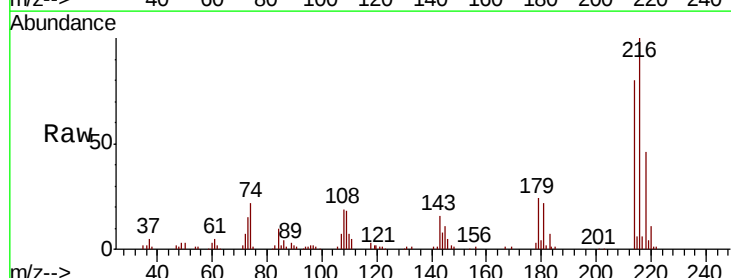
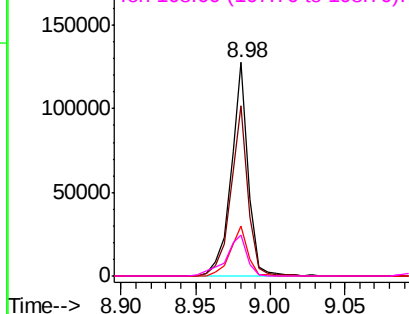
Delta R.T. -0.01 min

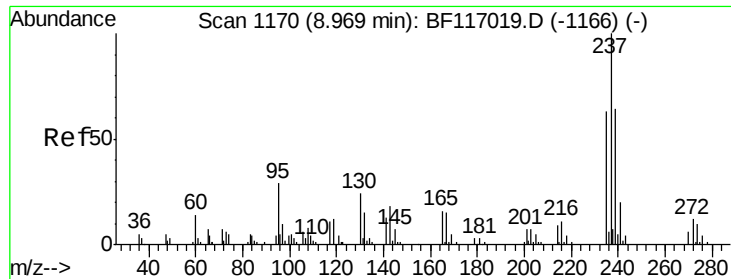
Lab File: BF117246.D

Acq: 25 Sep 2019 17:58

Tgt Ion:	216	Resp:	103374
Ion Ratio	Lower	Upper	
216	100		
214	80.4	63.6	95.4
179	23.8	18.3	27.5
108	23.3	17.8	26.6

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





#41

Hexachlorocyclopentadiene

Concen: 69.361 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF117246.D

Acq: 25 Sep 2019 17:58

Instrument :

BNA_F

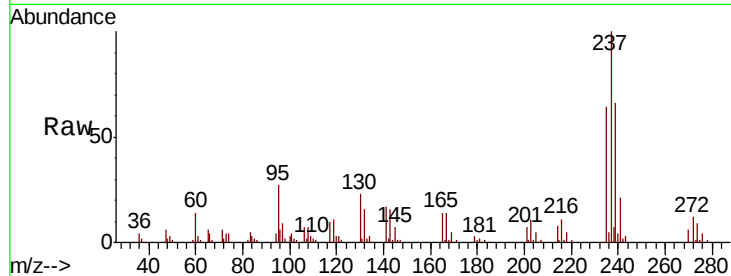
ClientSampleId :

RT-1488-RBR200031-RBR200036M

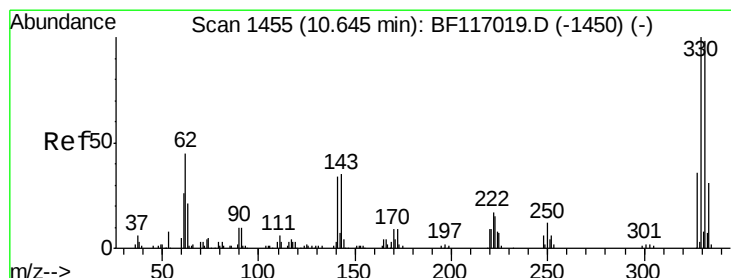
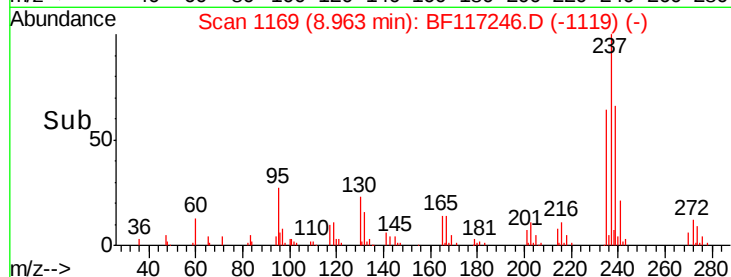
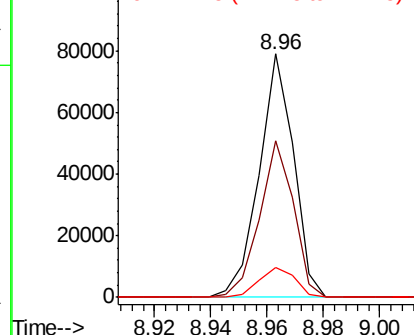
Tot Ion:	237	Resp:	66739
Ion Ratio	Lower	Upper	
237	100		
235	64.3	43.2	83.2
272	12.4	0.0	31.9

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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: 135.347 ng

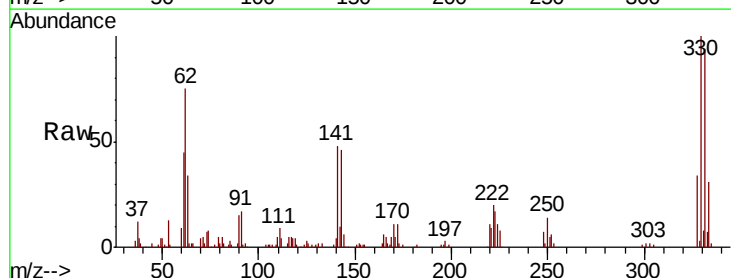
RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

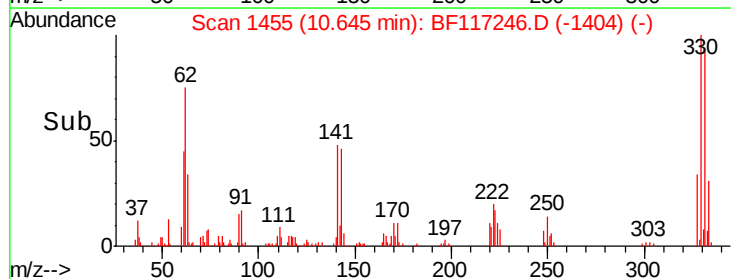
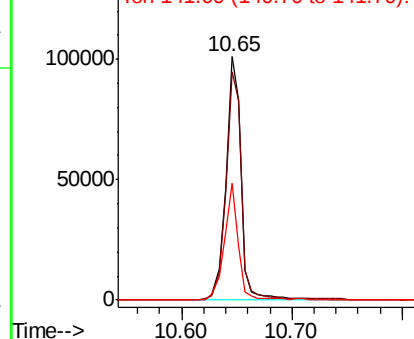
Lab File: BF117246.D

Acq: 25 Sep 2019 17:58

Tgt Ion:	330	Resp:	96975
Ion Ratio	Lower	Upper	
330	100		
332	96.6	78.0	117.0
141	43.9	35.8	53.6



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





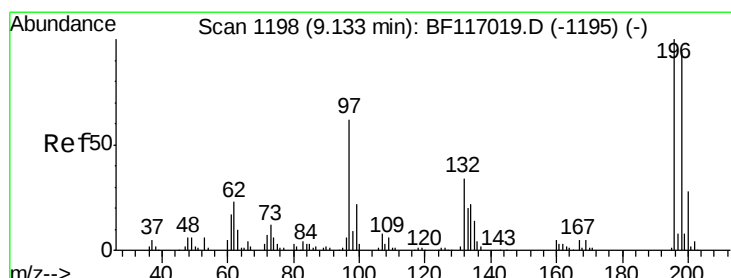
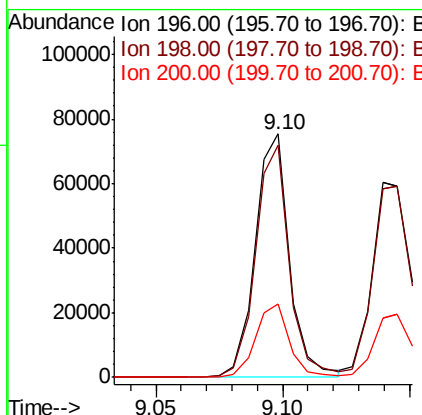
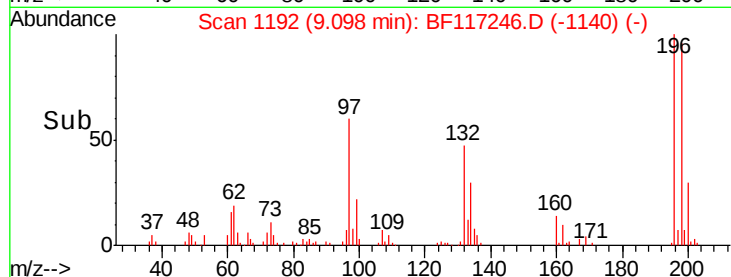
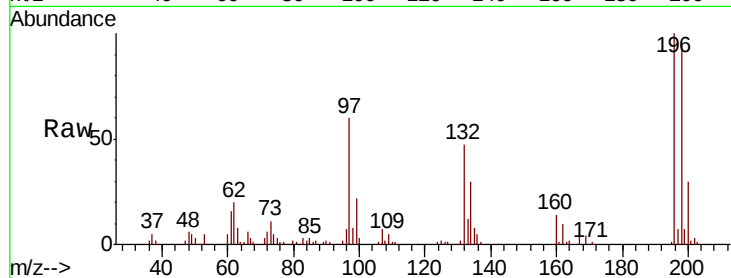
#43
 2,4,6-Trichlorophenol
 Concen: 47.257 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF117246.D
 Acq: 25 Sep 2019 17:58

Instrument :
 BNA_F
 ClientSampleId :
 RT-1488-RBR200031-RBR200036M

Tot Ion:	196	Resp:	70994
Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.7	113.5
200	30.1	23.3	34.9

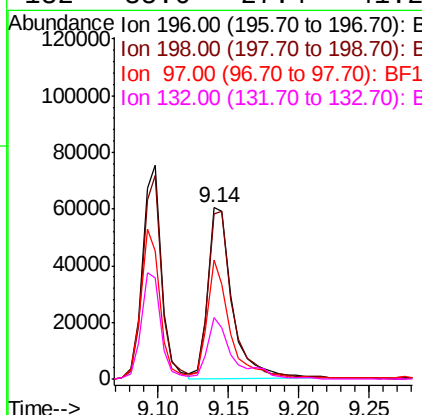
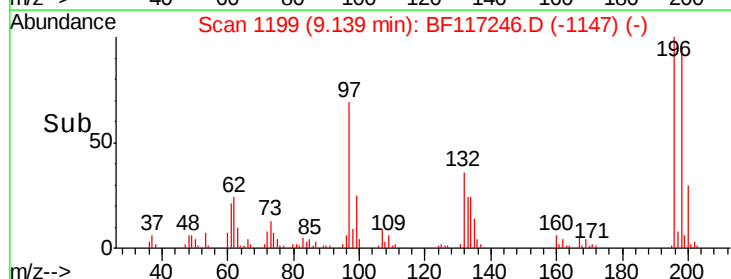
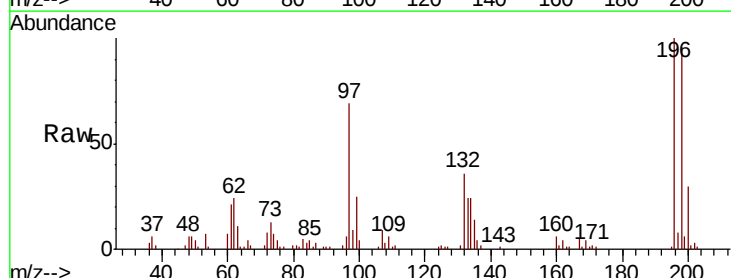
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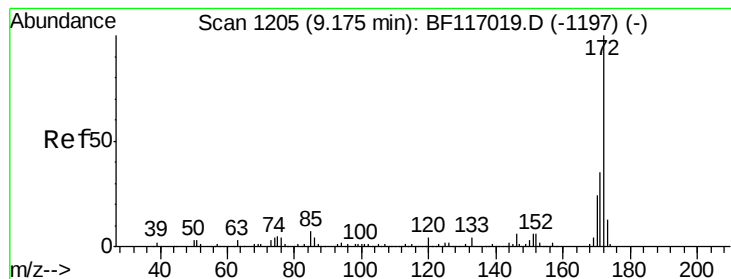
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 45.430 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF117246.D
 Acq: 25 Sep 2019 17:58

Tgt Ion:	196	Resp:	72918
Ion	Ratio	Lower	Upper
196	100		
198	96.4	74.6	112.0
97	69.2	49.5	74.3
132	35.6	27.4	41.2





#45

2-Fluorobiphenyl

Concen: 88.864 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF117246.D

Acq: 25 Sep 2019 17:58

Instrument :

BNA_F

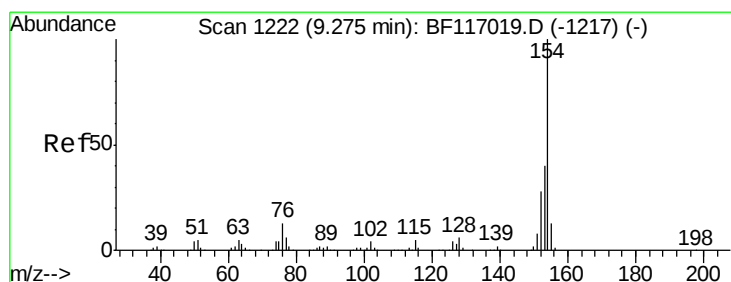
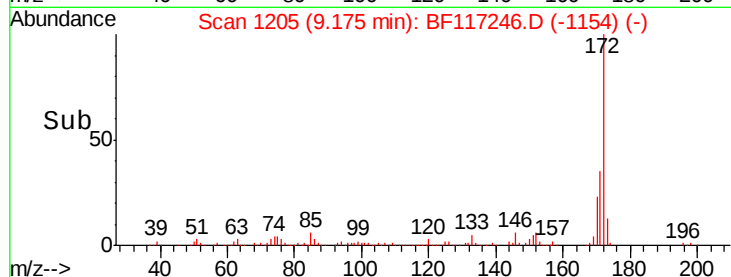
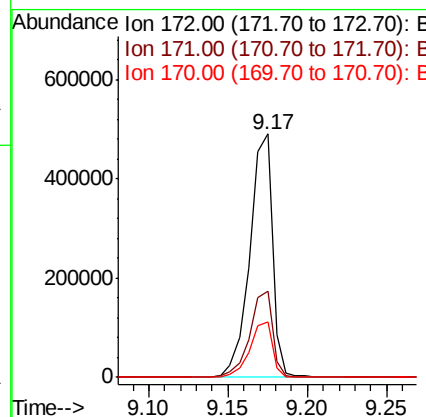
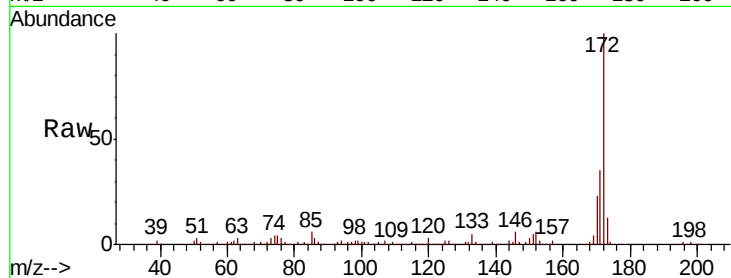
ClientSampleId :

RT-1488-RBR200031-RBR200036M

Tot Ion:	172	Resp:	487226
Ion Ratio	Lower	Upper	
172	100		
171	35.3	28.2	42.2
170	23.0	18.9	28.3

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#46

1,1'-Biphenyl

Concen: 47.244 ng

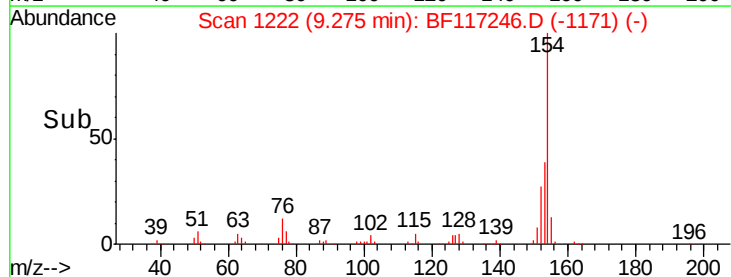
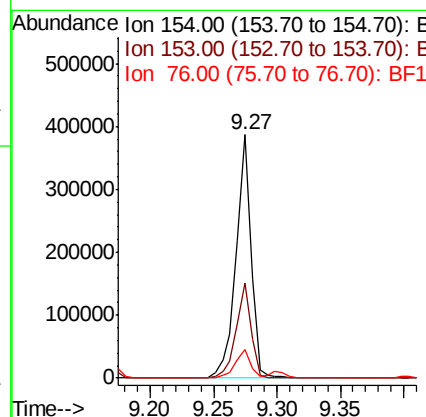
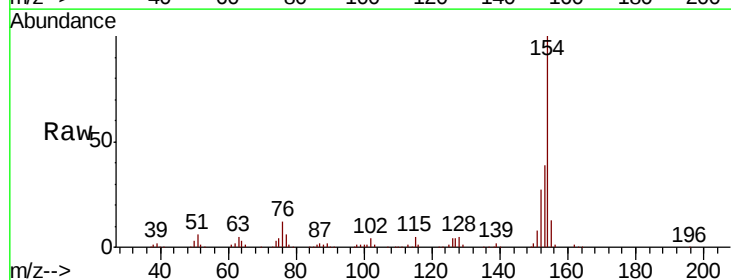
RT: 9.27 min Scan# 1222

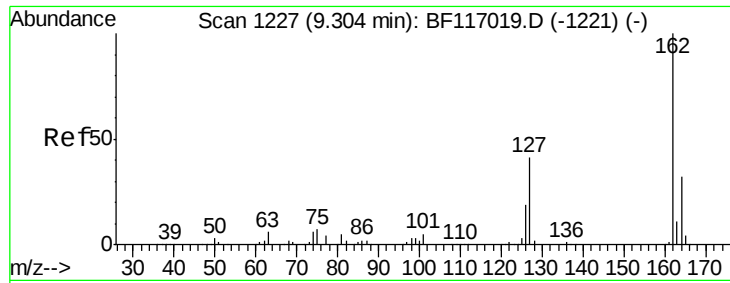
Delta R.T. 0.00 min

Lab File: BF117246.D

Acq: 25 Sep 2019 17:58

Tgt Ion:	154	Resp:	317696
Ion Ratio	Lower	Upper	
154	100		
153	39.0	20.0	60.0
76	11.8	0.0	32.7





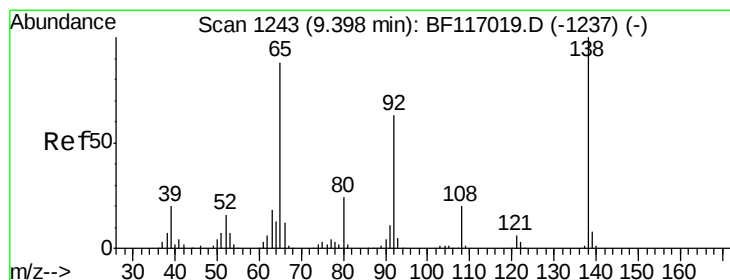
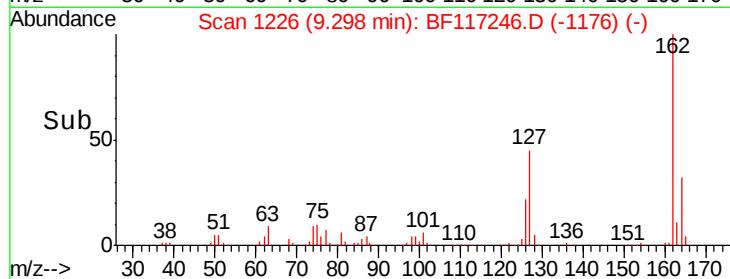
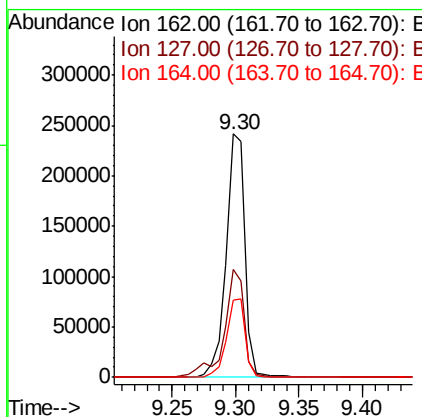
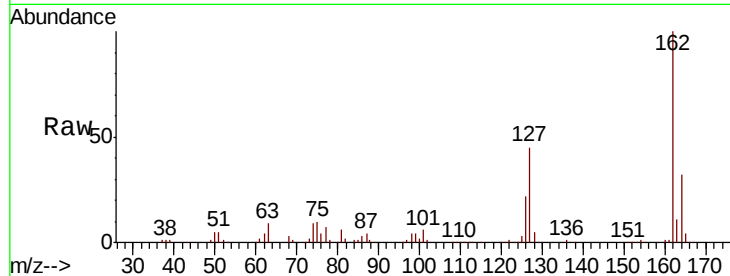
#47
 2-Chloronaphthalene
 Concen: 46.469 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF117246.D
 Acq: 25 Sep 2019 17:58

Instrument :
 BNA_F
 ClientSampleId :
 RT-1488-RBR200031-RBR200036M

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		246615		
127	44.5	34.1	51.1		
164	31.7	25.9	38.9		

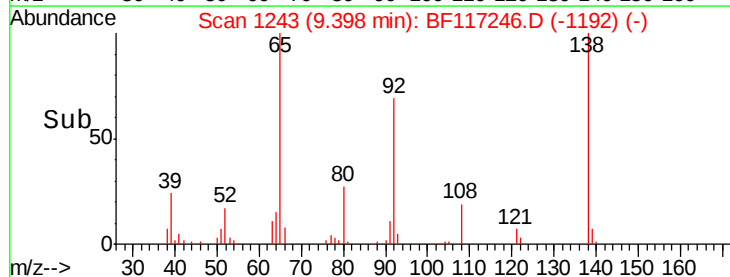
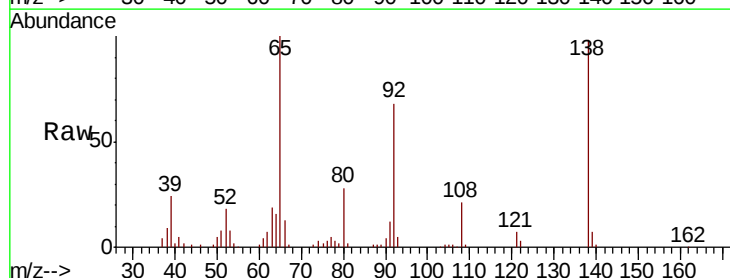
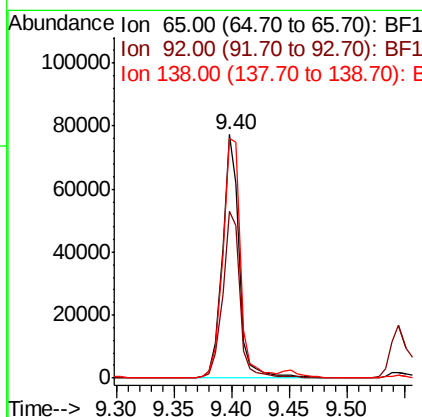
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#48
 2-Nitroaniline
 Concen: 45.640 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF117246.D
 Acq: 25 Sep 2019 17:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		77691		
92	68.3	57.5	86.3		
138	98.5	90.6	136.0		





#49

Acenaphthylene

Concen: 48.008 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF117246.D

Acq: 25 Sep 2019 17:58

Instrument :

BNA_F

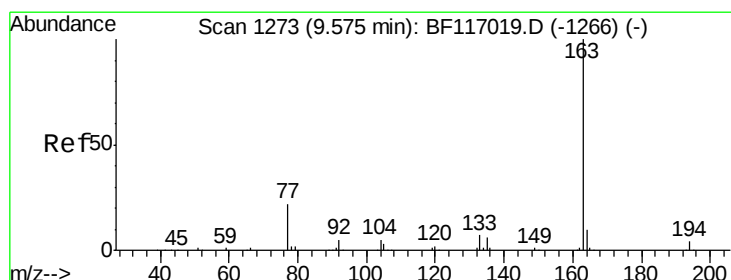
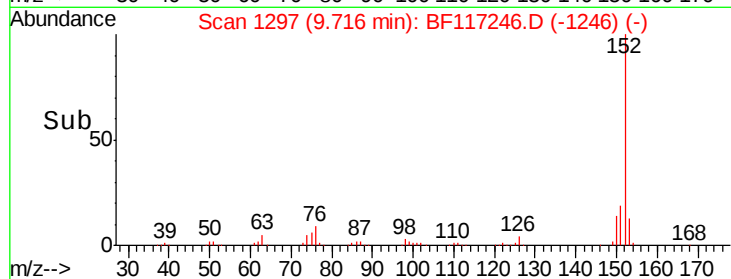
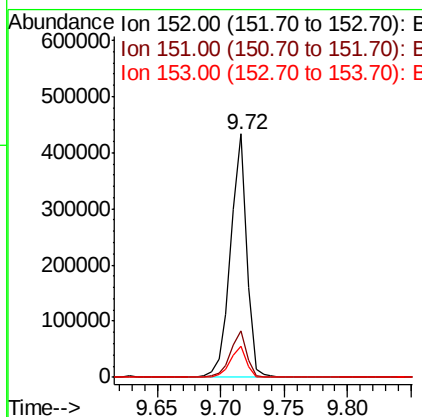
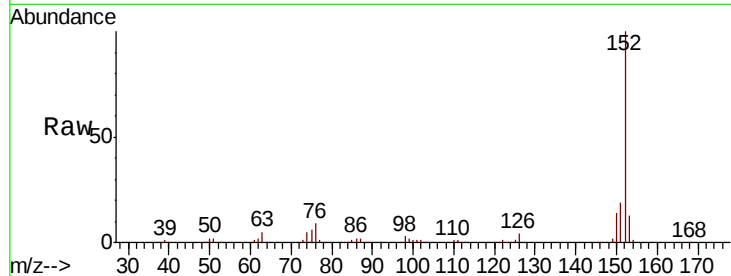
ClientSampleId :

RT-1488-RBR200031-RBR200036M

Tot Ion:	152	Resp:	381678
Ion Ratio	Lower	Upper	
152	100		
151	19.1	16.2	24.2
153	12.7	10.2	15.4

Manual Integrations
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#50

Dimethylphthalate

Concen: 59.037 ng

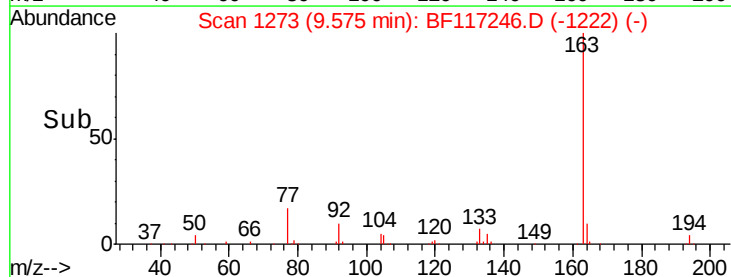
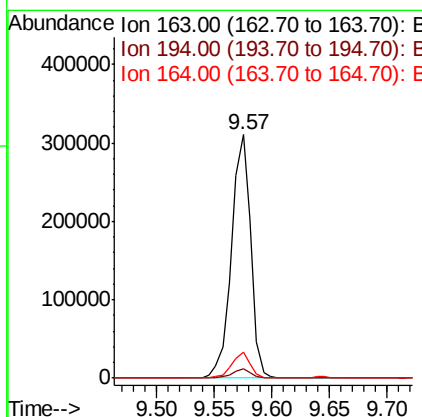
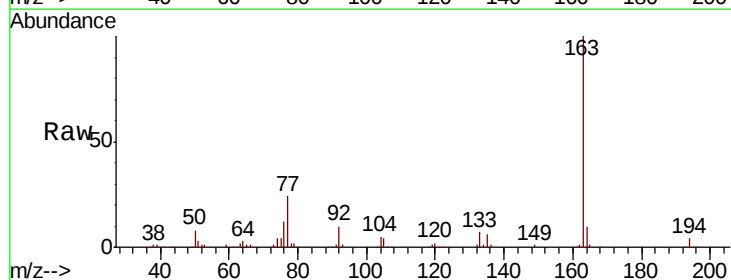
RT: 9.57 min Scan# 1273

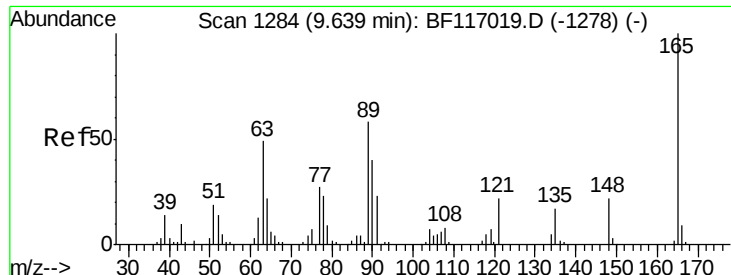
Delta R.T. 0.00 min

Lab File: BF117246.D

Acq: 25 Sep 2019 17:58

Tgt Ion:	163	Resp:	358350
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.9	4.3
164	10.5	8.2	12.4





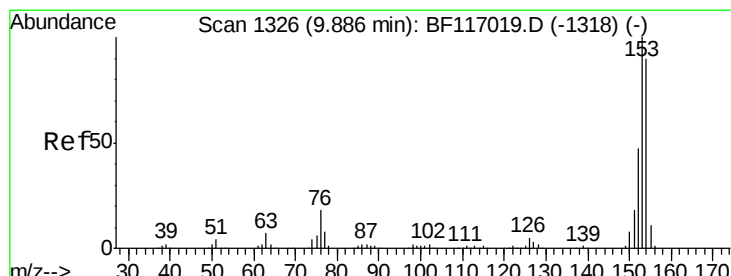
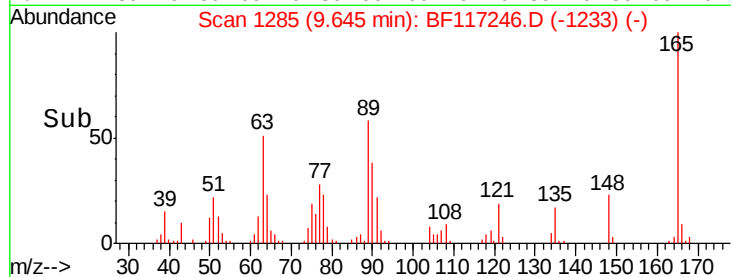
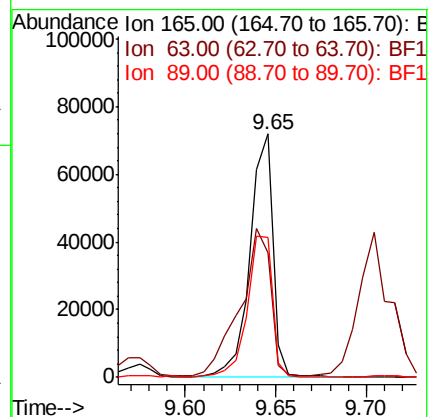
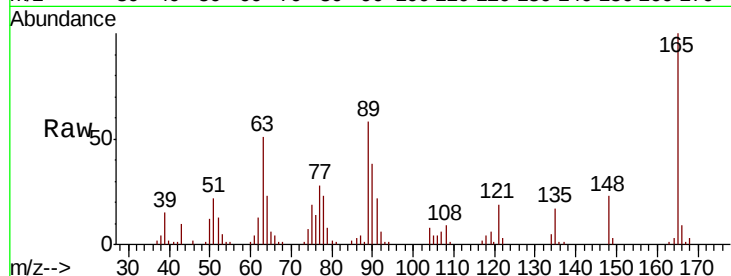
#51
 2,6-Dinitrotoluene
 Concen: 51.357 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF117246.D
 Acq: 25 Sep 2019 17:58

Instrument :
 BNA_F
 ClientSampleId :
 RT-1488-RBR200031-RBR200036M

Tot Ion:	165	Resp:	63491
Ion Ratio	Lower	Upper	
165	100		
63	51.1	41.8	62.8
89	57.7	46.5	69.7

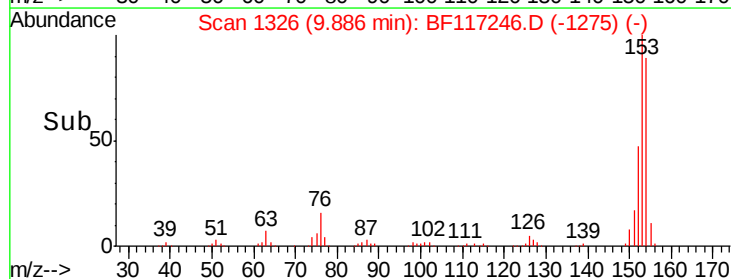
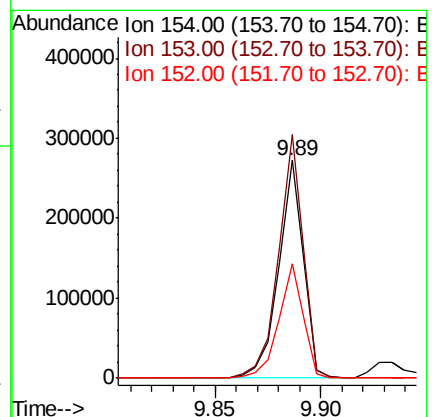
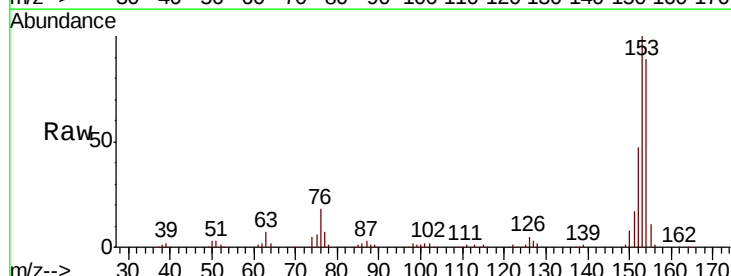
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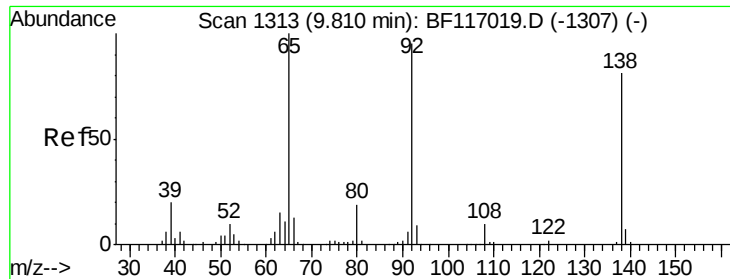
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#52
 Acenaphthene
 Concen: 46.940 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF117246.D
 Acq: 25 Sep 2019 17:58

Tgt Ion:	154	Resp:	221219
Ion Ratio	Lower	Upper	
154	100		
153	112.0	89.0	133.6
152	52.8	41.9	62.9





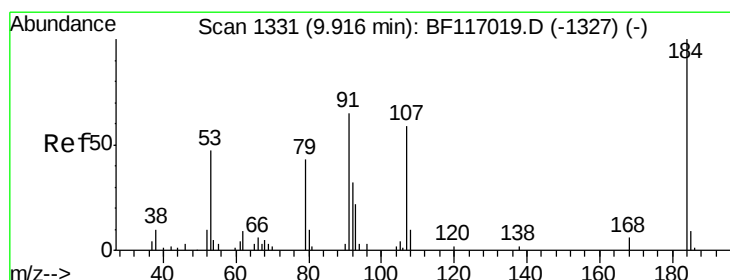
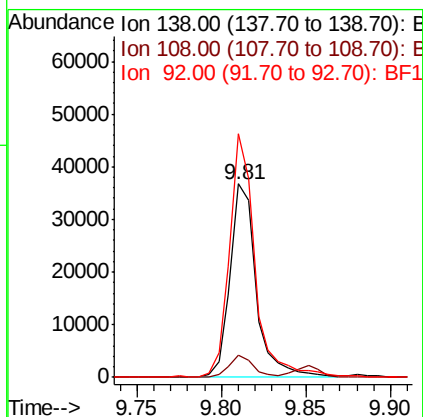
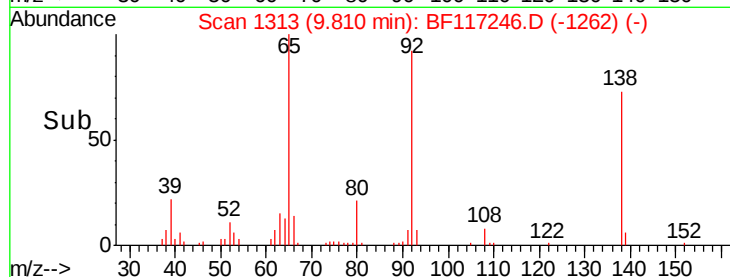
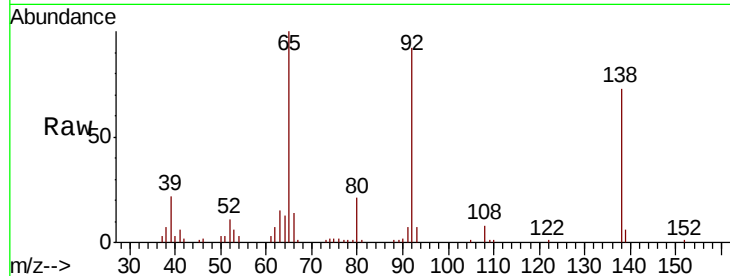
#53
3-Nitroaniline
Concen: 25.402 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.5	14.3
92	126.0	94.1	141.1

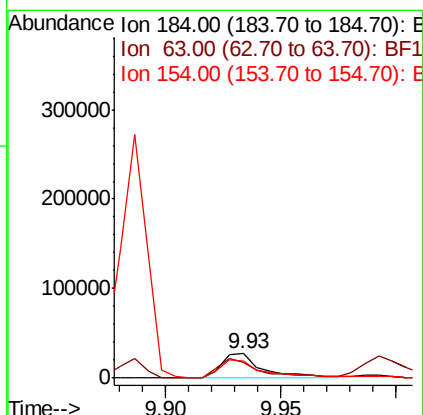
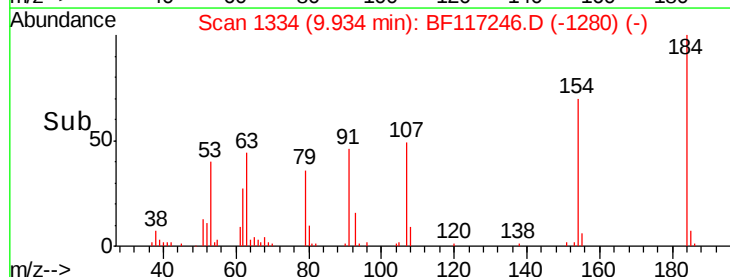
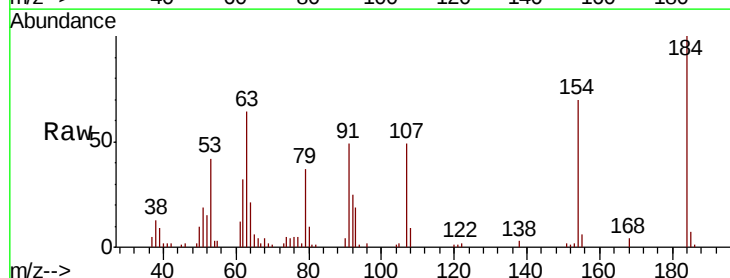
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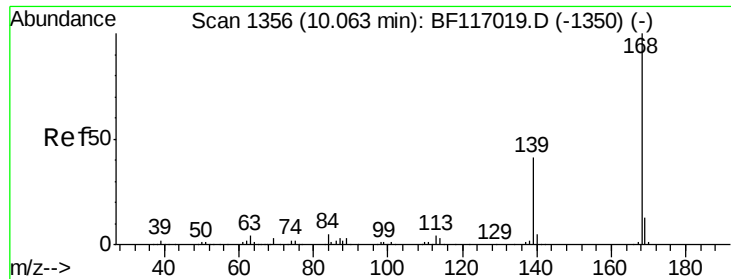
mohammad
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#54
2,4-Dinitrophenol
Concen: 65.625 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.02 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.9	63.8	95.6
154	69.9	60.4	90.6





#55

Dibenzenofuran

Concen: 48.859 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF117246.D

Acq: 25 Sep 2019 17:58

Instrument :

BNA_F

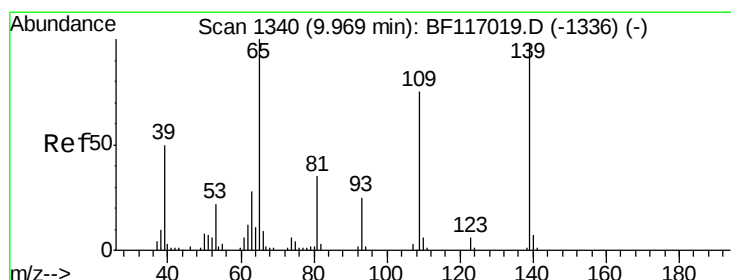
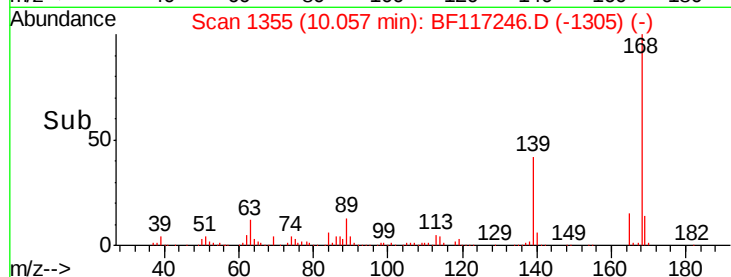
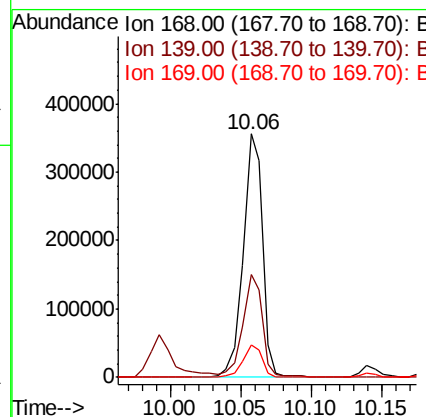
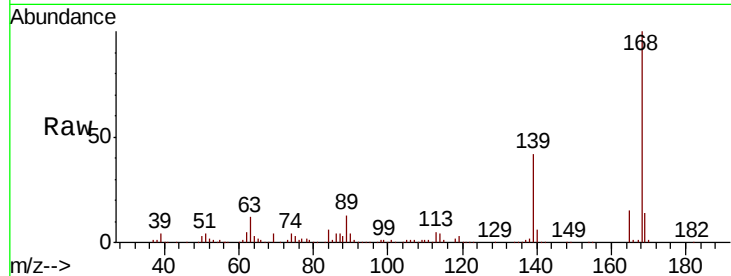
ClientSampleId :

RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.4	32.8	49.2
169	13.5	10.5	15.7

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#56

4-Nitrophenol

Concen: 71.489 ng

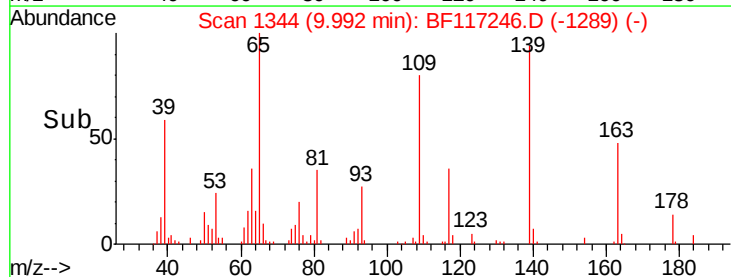
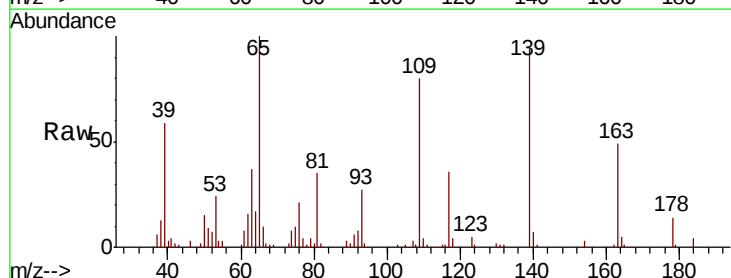
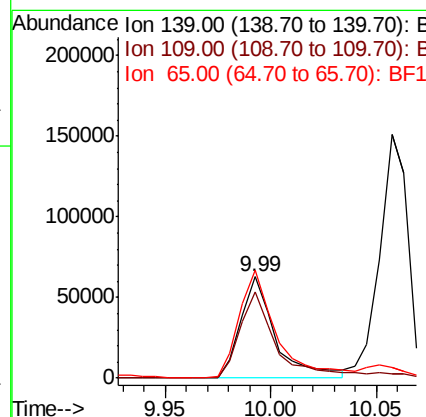
RT: 9.99 min Scan# 1344

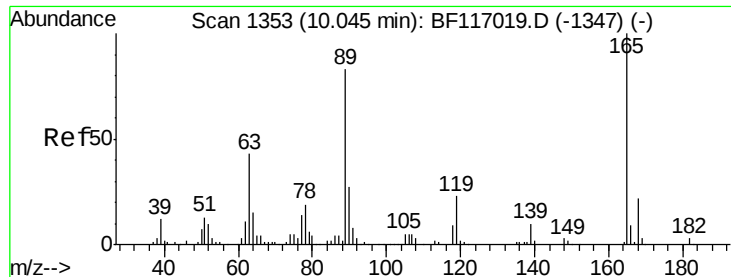
Delta R.T. 0.02 min

Lab File: BF117246.D

Acq: 25 Sep 2019 17:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	85.5	56.4	96.4
65	106.2	82.5	122.5





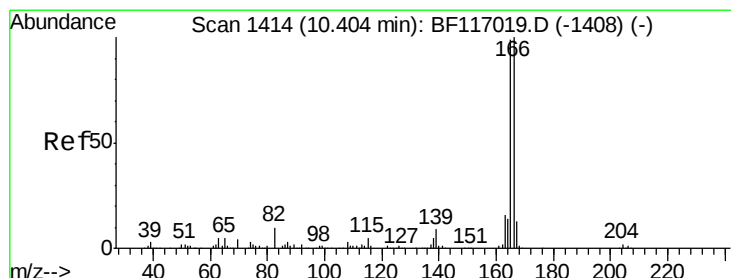
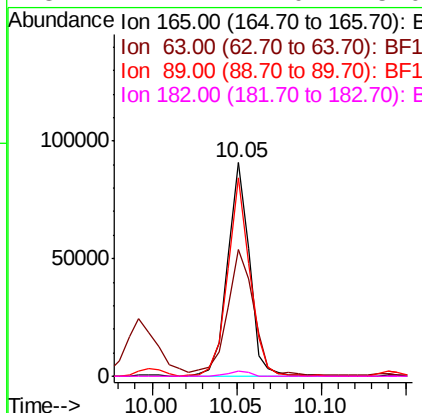
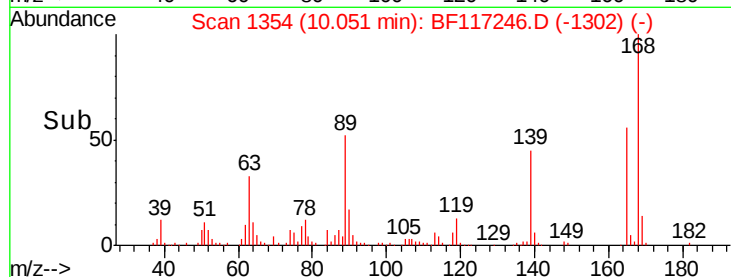
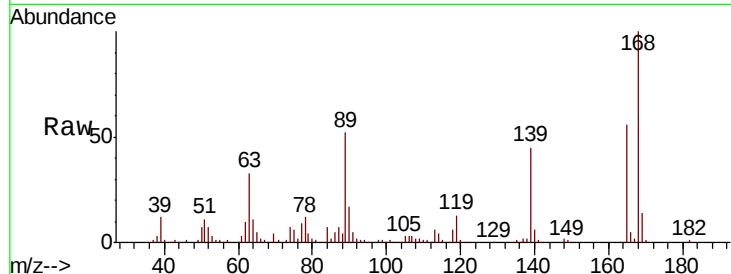
#57
2,4-Dinitrotoluene
Concen: 50.401 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	59.6	35.0	52.4	
89	93.0	66.1	99.1	
182	2.4	2.0	3.0	

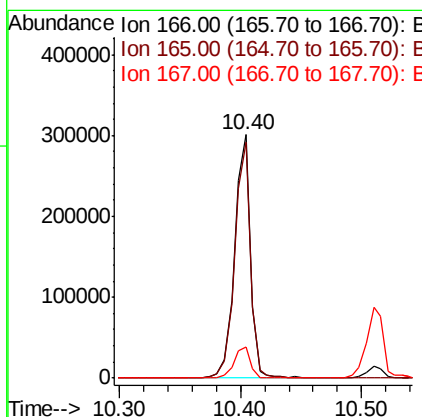
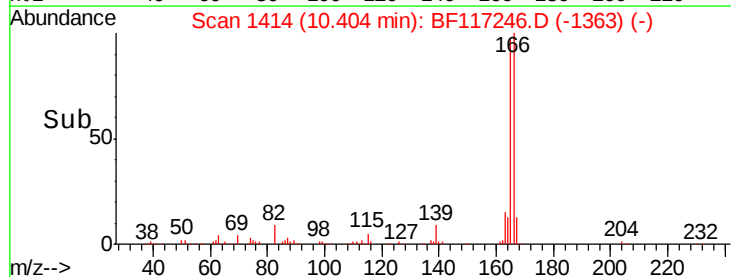
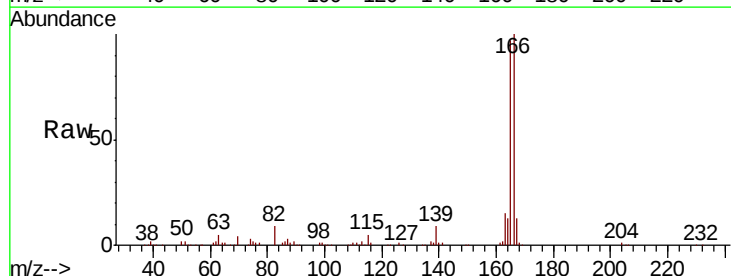
Manual Integrations
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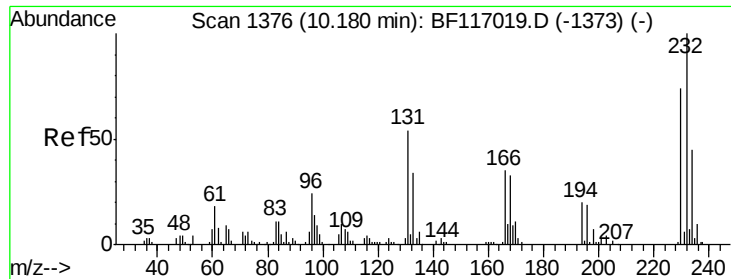
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#58
Fluorene
Concen: 49.172 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	96.7	78.9	118.3	
167	13.0	10.6	15.8	





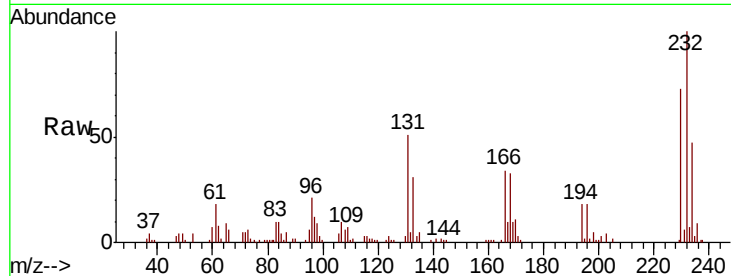
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.493 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.01 min
 Lab File: BF117246.D
 Acq: 25 Sep 2019 17:58

Instrument :
 BNA_F
 ClientSampleId :
 RT-1488-RBR200031-RBR200036M

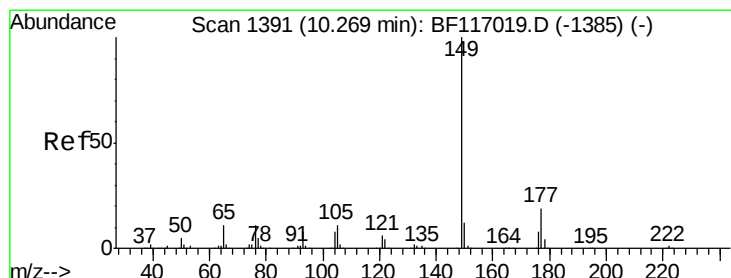
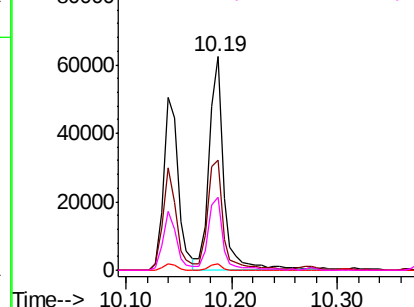
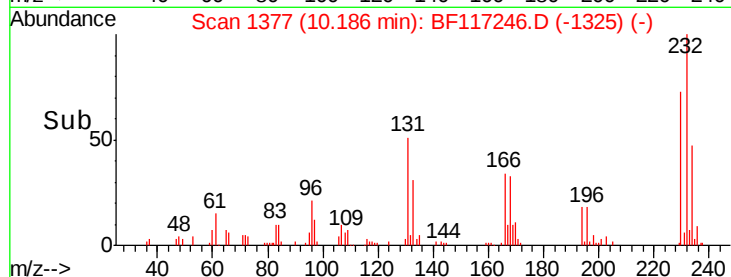
Tot Ion	Ratio	Lower	Upper
232	100		
131	54.7	45.3	67.9
130	2.6	1.8	2.8
166	35.6	29.4	44.2

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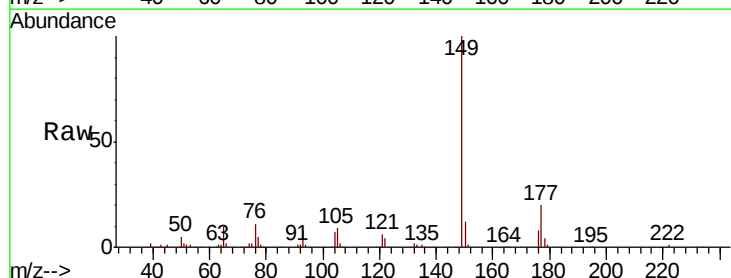


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

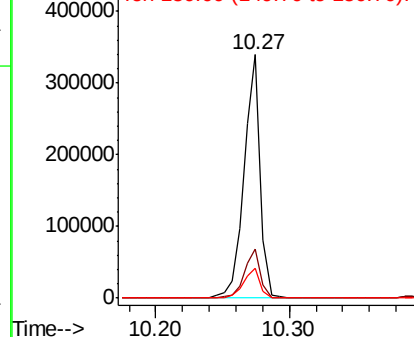
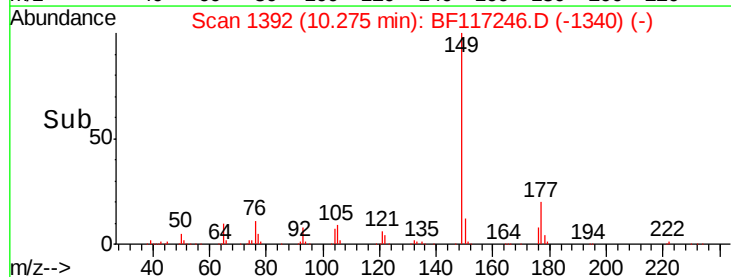


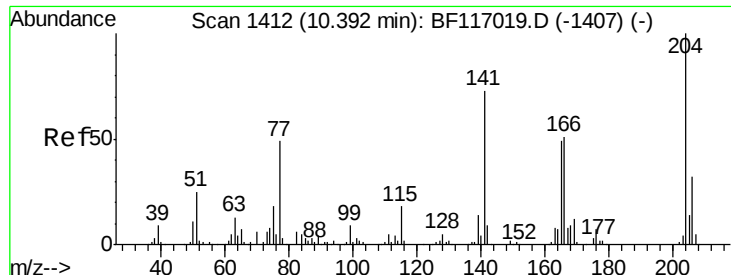
#60
 Diethylphthalate
 Concen: 47.630 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: BF117246.D
 Acq: 25 Sep 2019 17:58

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.2	15.2	22.8
150	12.2	9.9	14.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





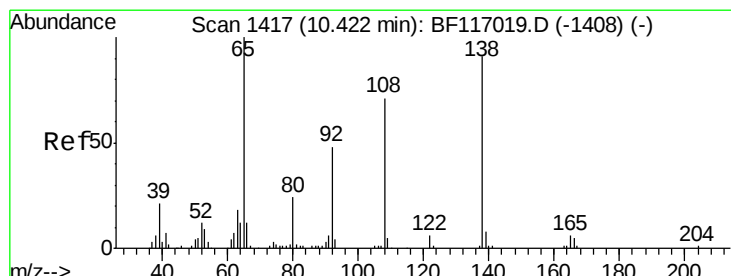
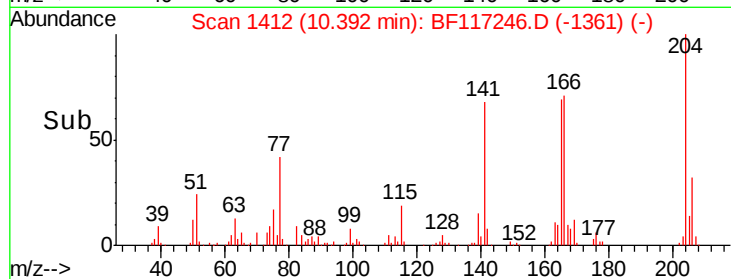
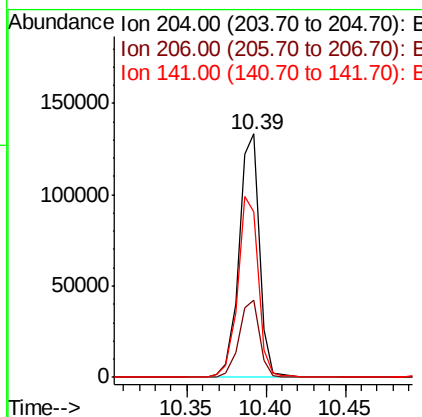
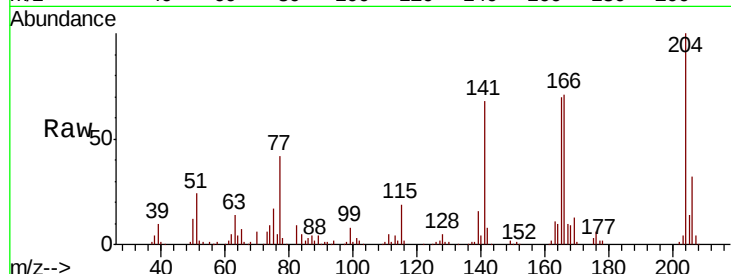
#61
4-Chlorophenyl-phenylether
Concen: 49.121 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.0	39.0
141	67.9	58.2	87.2

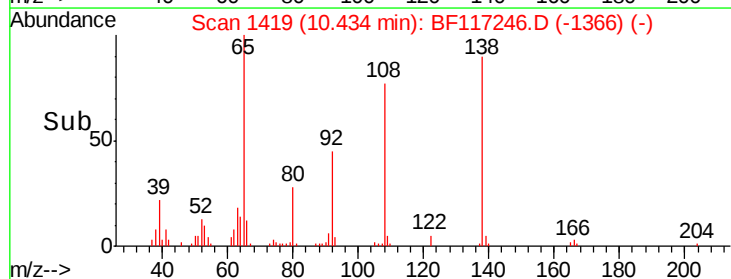
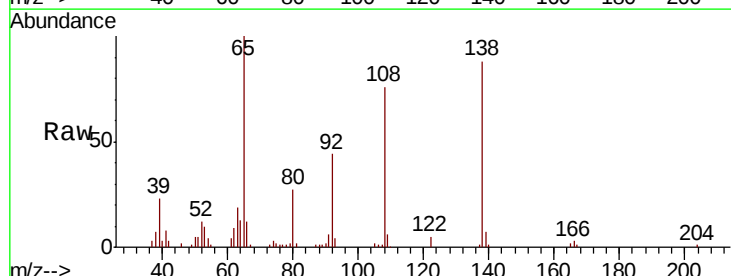
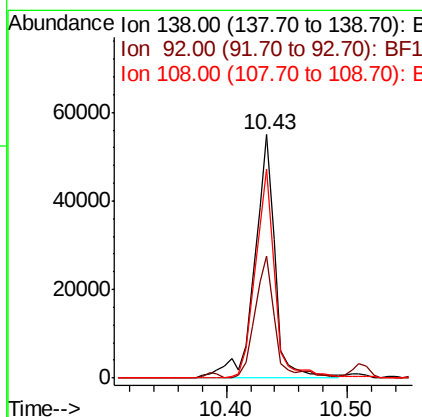
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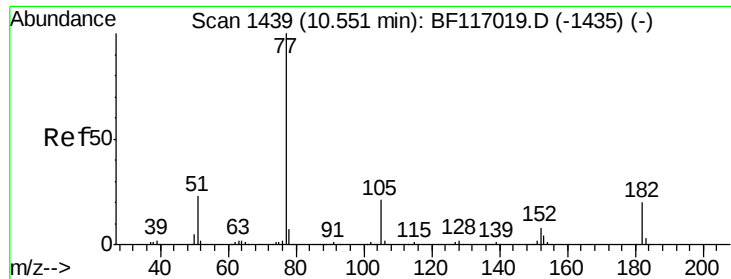
mohammad
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#62
4-Nitroaniline
Concen: 39.776 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.9	32.9	72.9
108	85.8	58.3	98.3





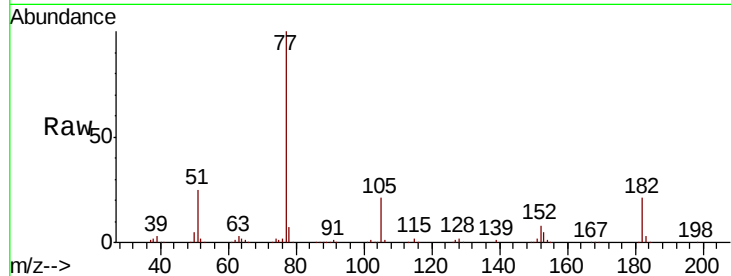
#63
Azobenzene
Concen: 48.905 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

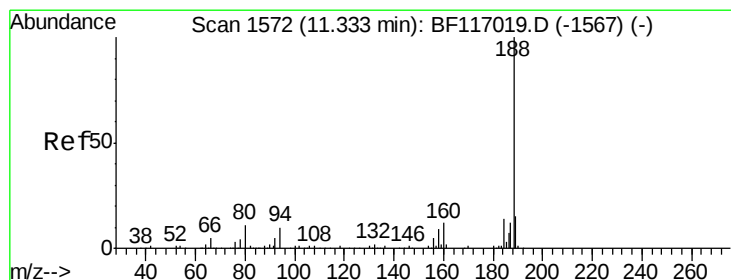
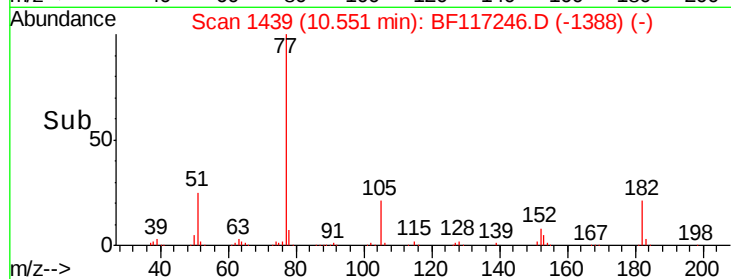
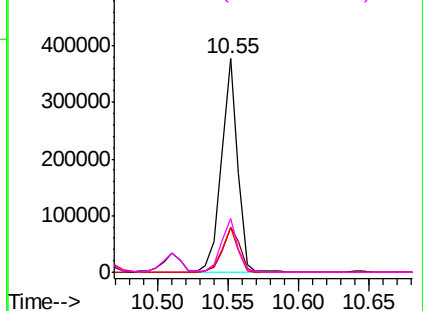
Tot Ion	Ratio	Resp	Lower	Upper
77	100	298283		
182	21.1	0.4	40.4	
105	21.1	0.9	40.9	
51	25.1	2.8	42.8	

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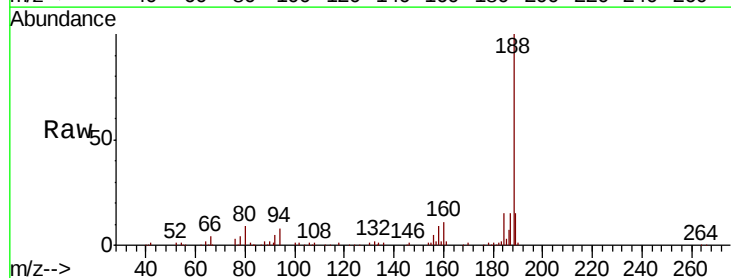


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

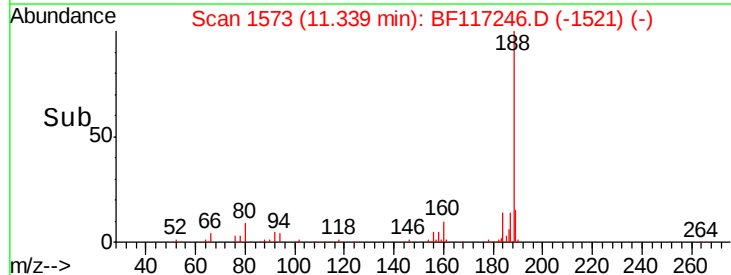
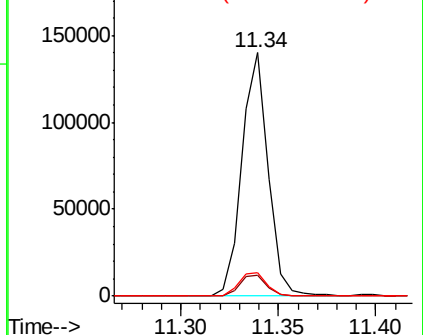


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	130943		
94	8.4	8.2	12.2	
80	9.4	9.0	13.6	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





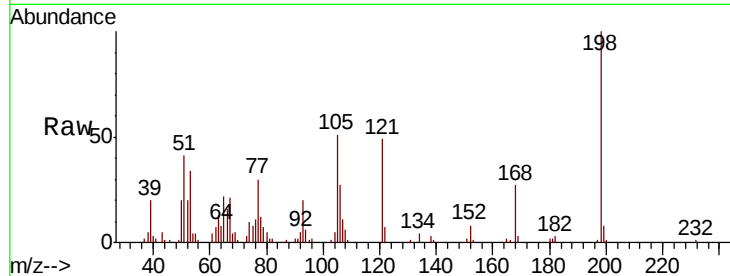
#65
4,6-Dinitro-2-methylphenol
Concen: 46.906 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Lower	Upper
198	100		
51	41.4	18.7	58.7
105	50.7	30.2	70.2

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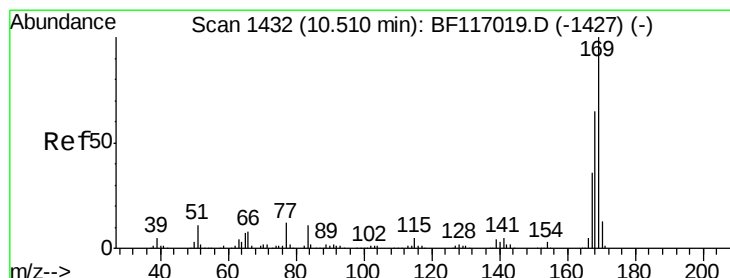
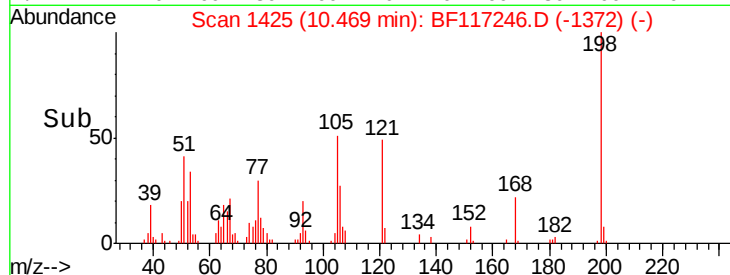
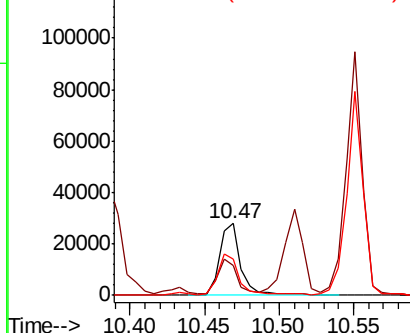


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 52.336 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

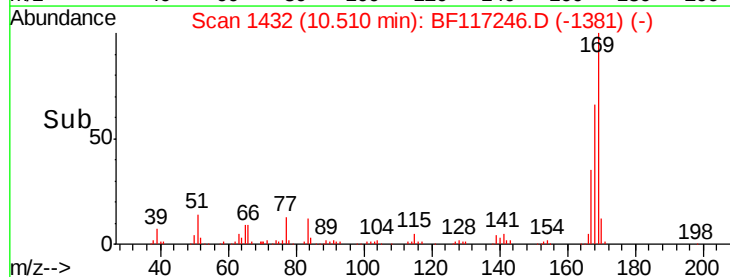
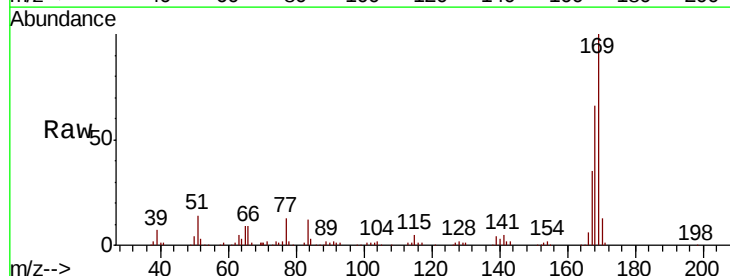
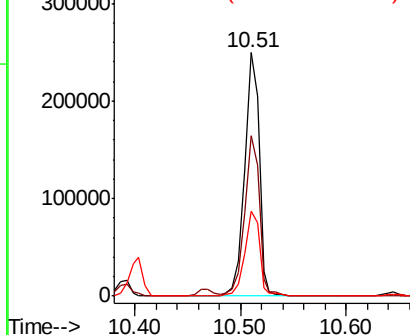
Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.0	52.2	78.2
167	35.0	28.8	43.2

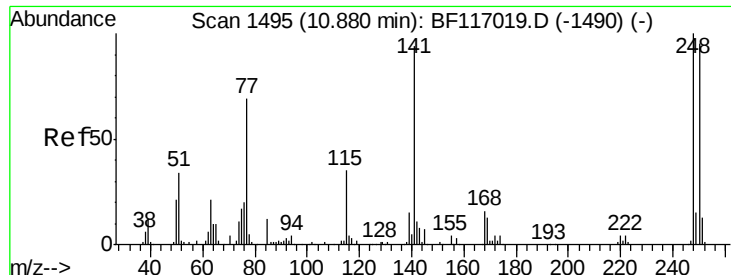
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





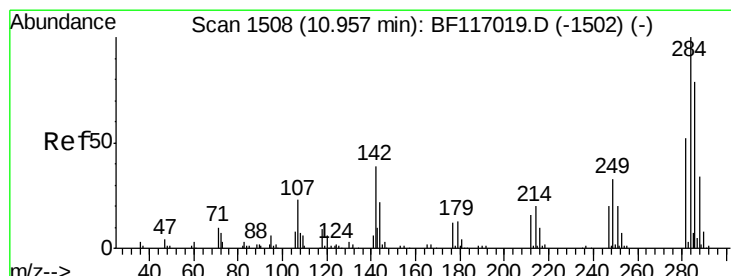
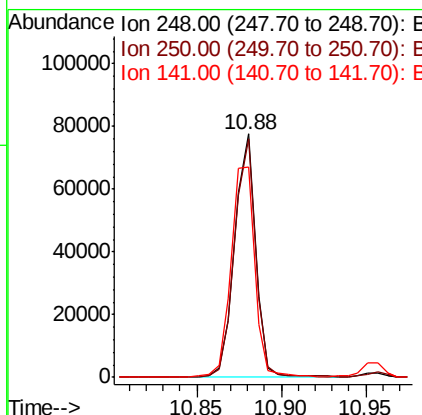
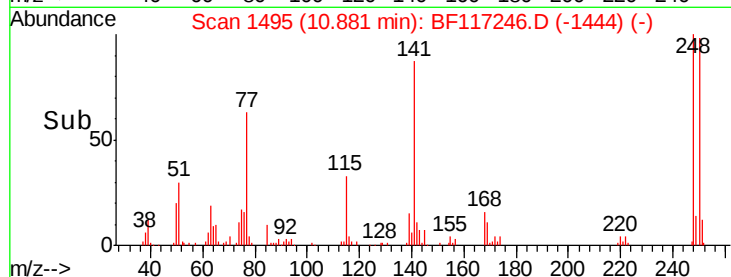
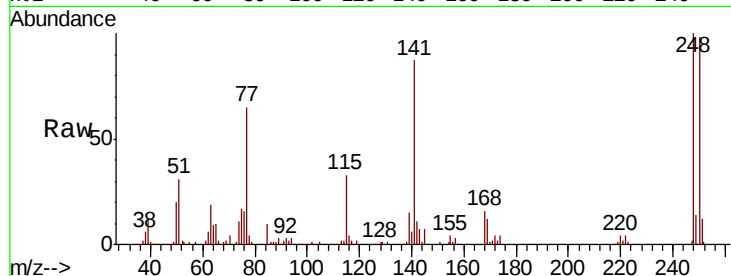
#67
 4-Bromophenyl-phenylether
 Concen: 50.087 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF117246.D
 Acq: 25 Sep 2019 17:58

Instrument :
 BNA_F
 ClientSampleId :
 RT-1488-RBR200031-RBR200036M

Tot Ion:	248	Resp:	66979
Ion Ratio	Lower	Upper	
248	100		
250	98.2	76.2	114.4
141	86.5	75.0	112.4

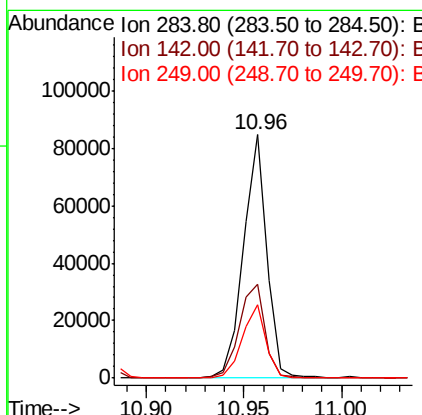
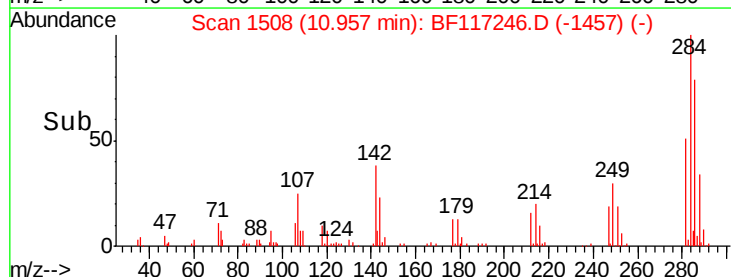
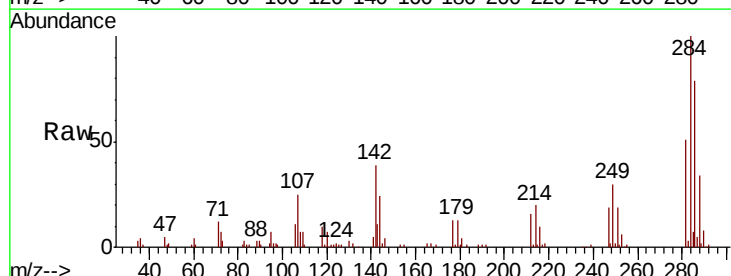
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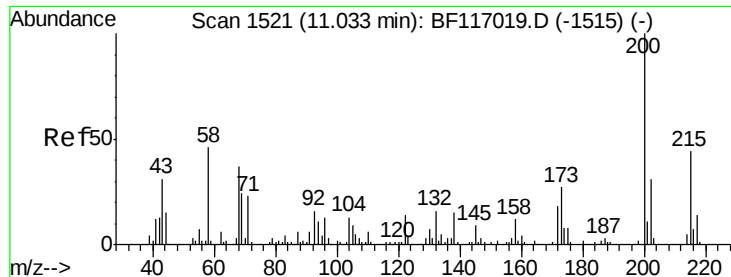
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#68
 Hexachlorobenzene
 Concen: 47.877 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: BF117246.D
 Acq: 25 Sep 2019 17:58

Tgt Ion:	284	Resp:	70026
Ion Ratio	Lower	Upper	
284	100		
142	38.6	31.4	47.2
249	30.1	26.5	39.7





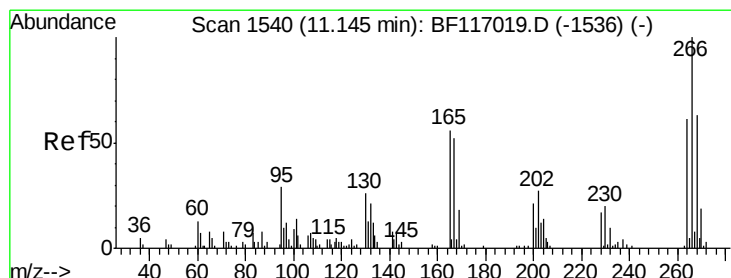
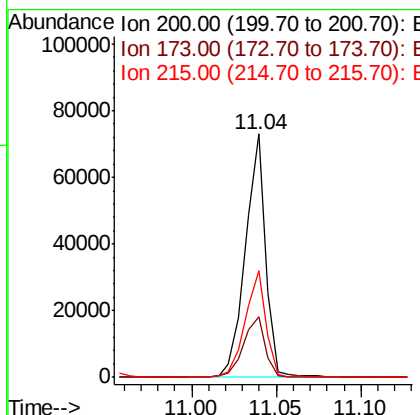
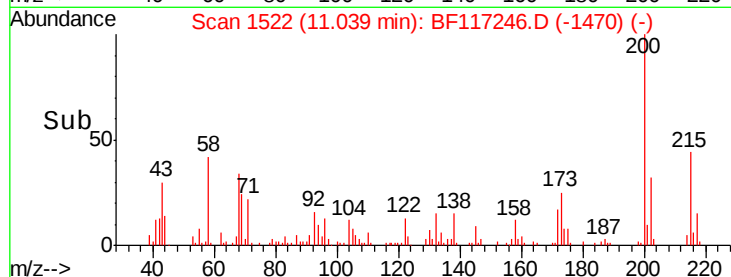
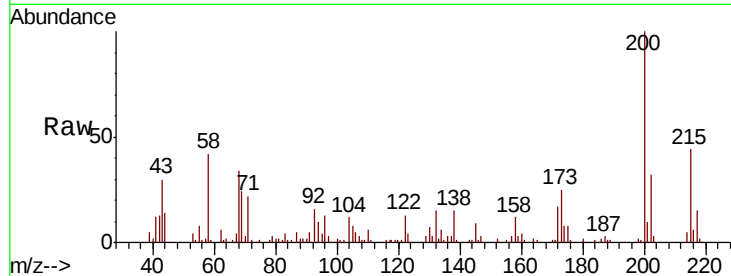
#69
Atrazine
Concen: 59.549 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.0	6.9	46.9
215	43.7	23.8	63.8

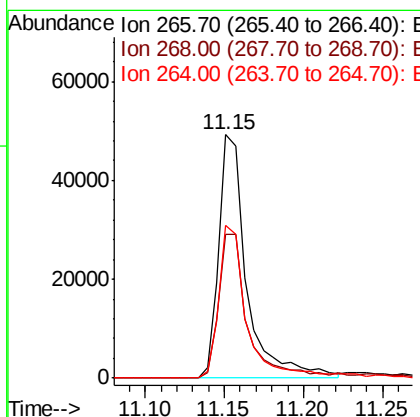
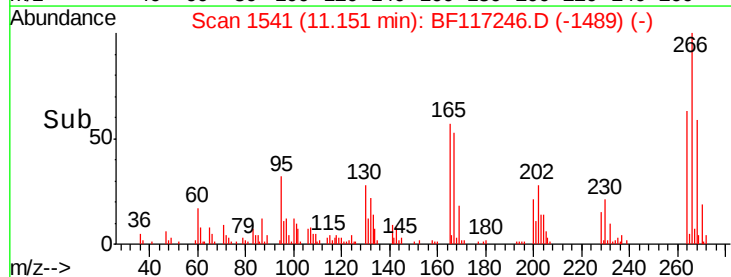
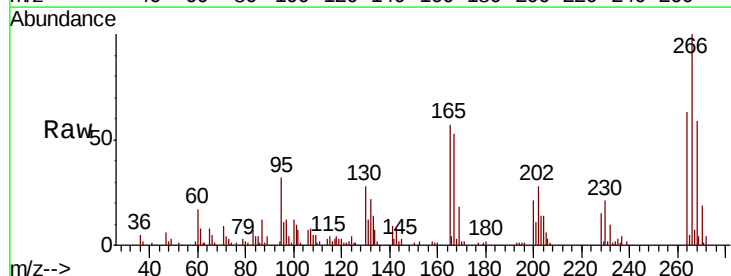
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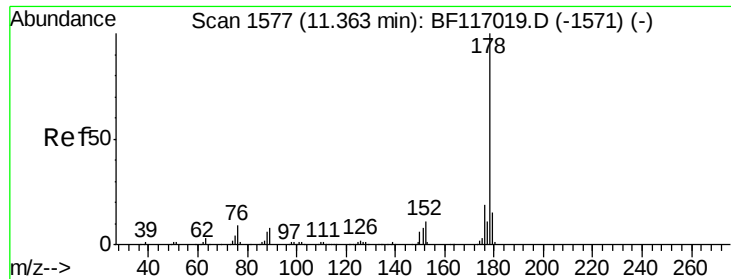
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#70
Pentachlorophenol
Concen: 88.082 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	59.2	50.5	75.7
264	62.9	48.8	73.2





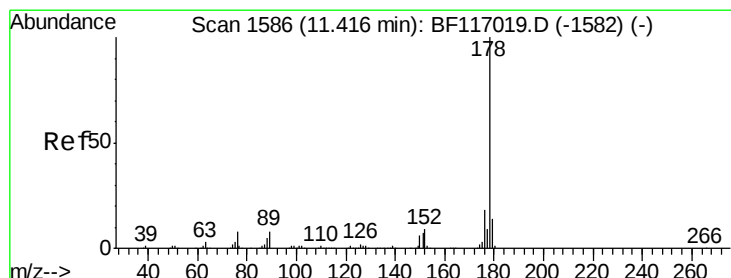
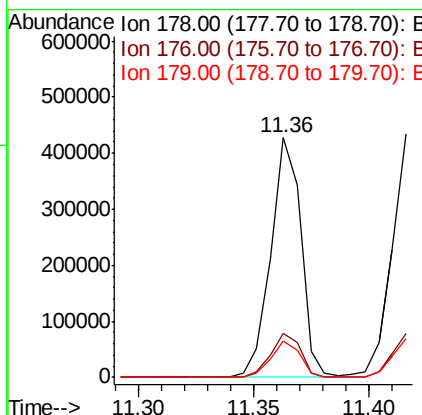
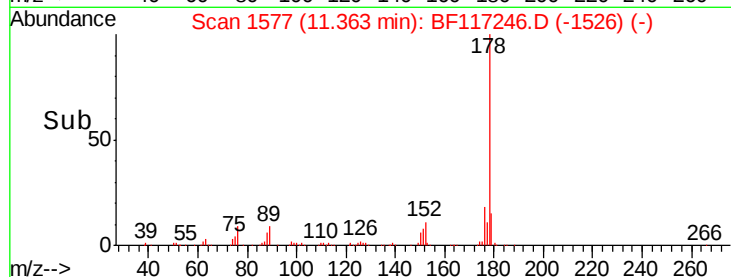
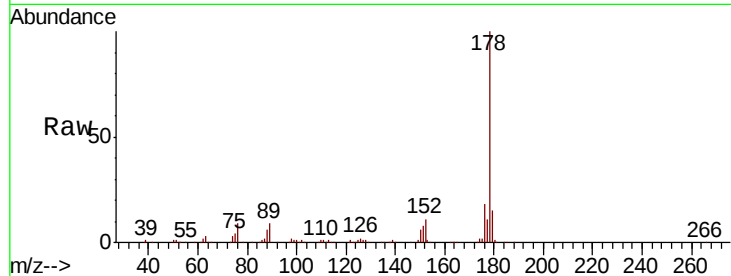
#71
Phenanthrene
Concen: 52.121 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	15.2	12.4	18.6

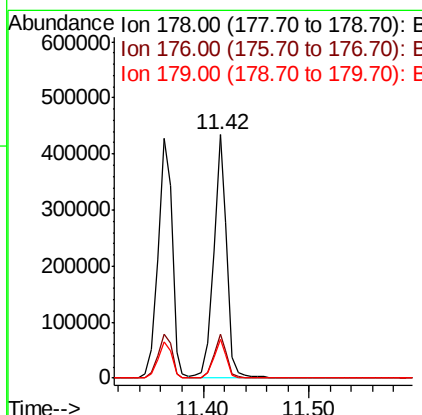
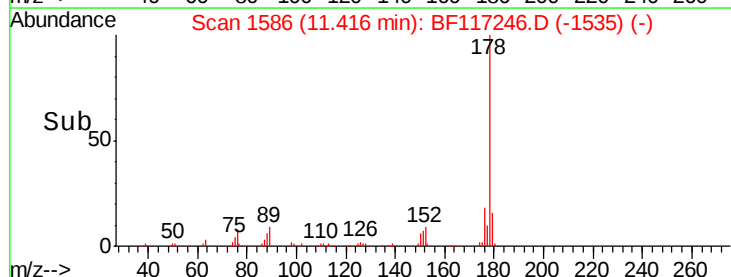
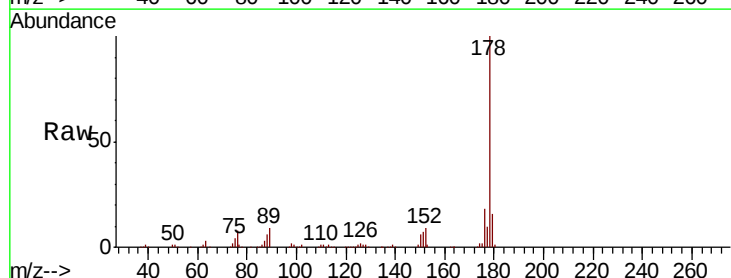
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#72
Anthracene
Concen: 50.240 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.9	11.6	17.4





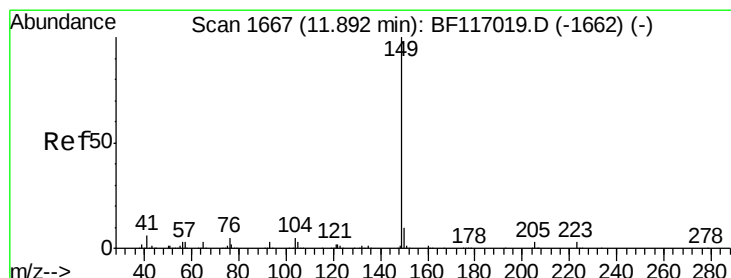
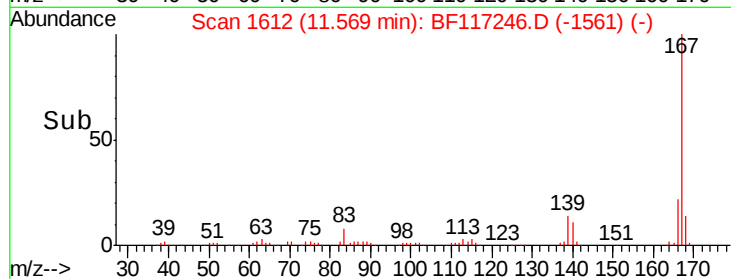
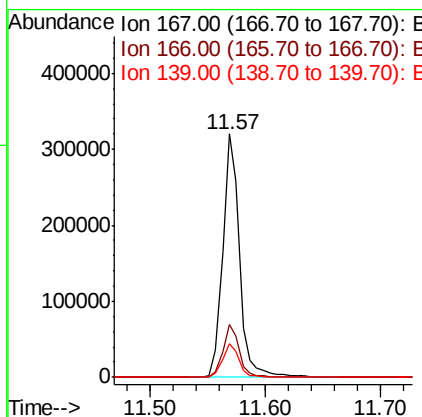
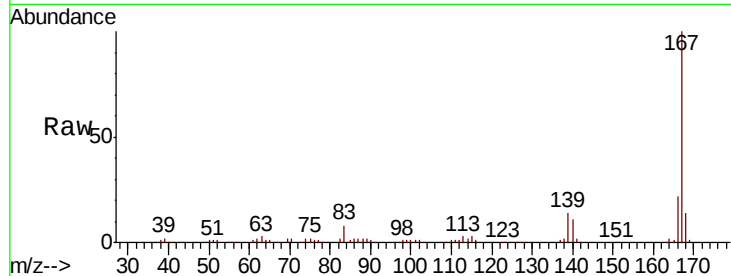
#73
 Carbazole
 Concen: 44.717 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF117246.D
 Acq: 25 Sep 2019 17:58

Instrument :
 BNA_F
 ClientSampleId :
 RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.2	25.8
139	13.6	10.6	16.0

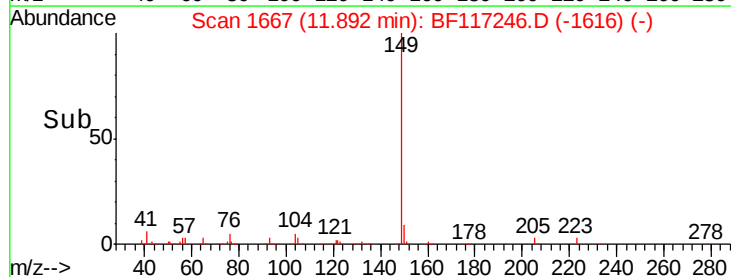
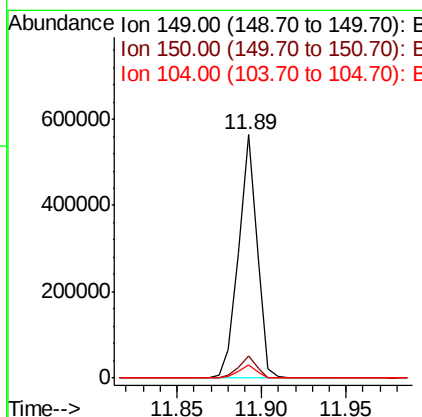
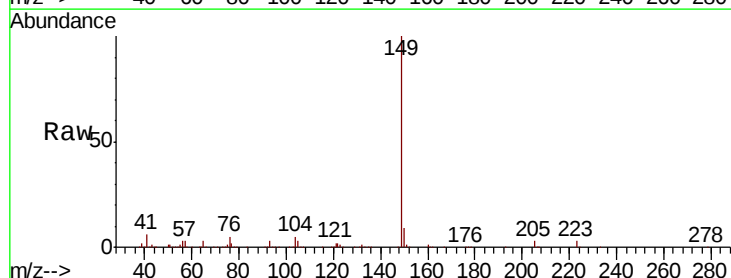
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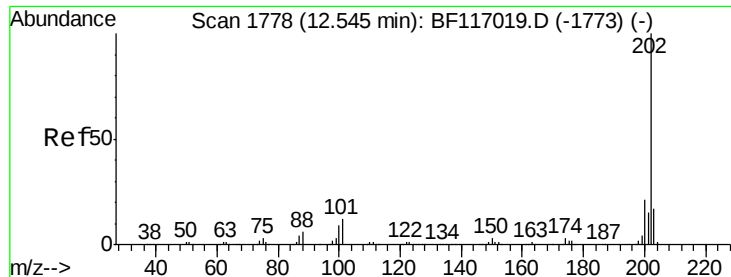
mohammad
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#74
 Di-n-butylphthalate
 Concen: 50.301 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117246.D
 Acq: 25 Sep 2019 17:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	5.5	4.2	6.4





#75

Fluoranthene

Concen: 46.515 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF117246.D

Acq: 25 Sep 2019 17:58

Instrument :

BNA_F

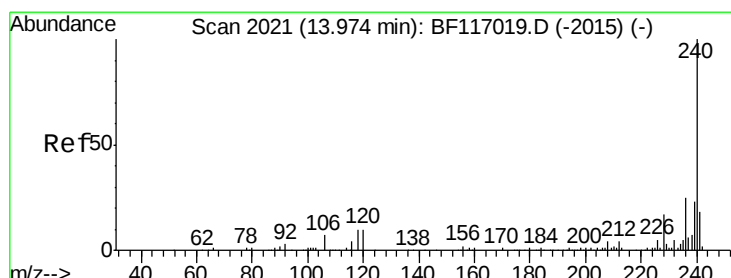
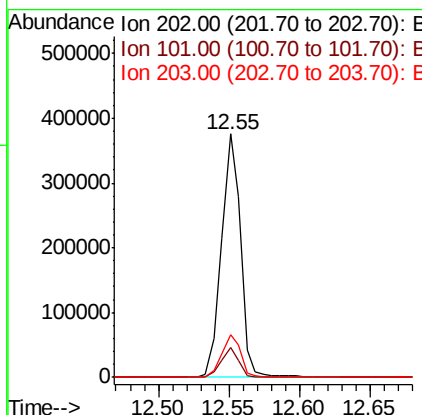
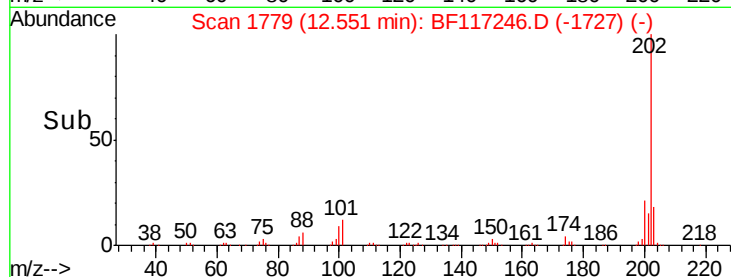
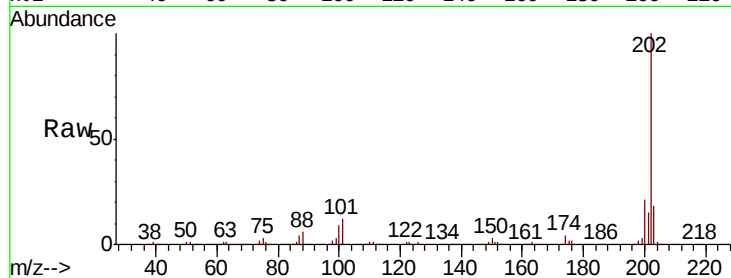
ClientSampleId :

RT-1488-RBR200031-RBR200036M

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	12.4	0.0	32.3		
203	17.8	0.0	37.1		

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#76

Chrysene-d12

Concen: 20.000 ng

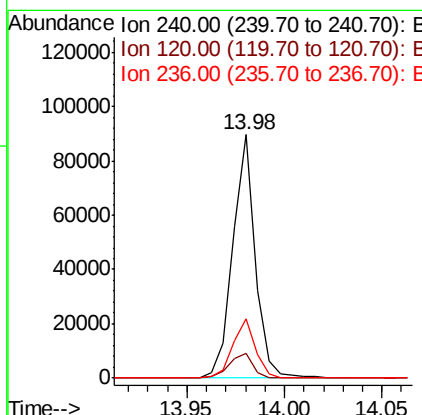
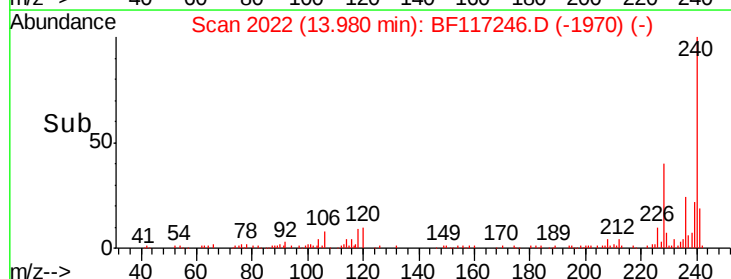
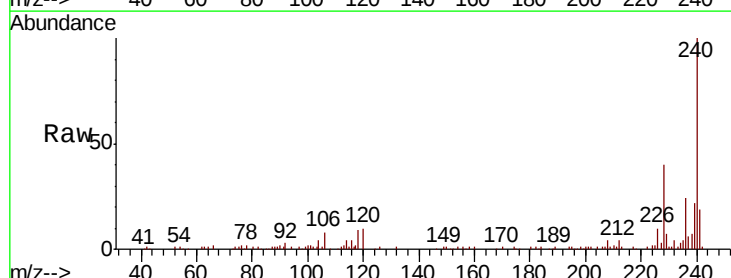
RT: 13.98 min Scan# 2022

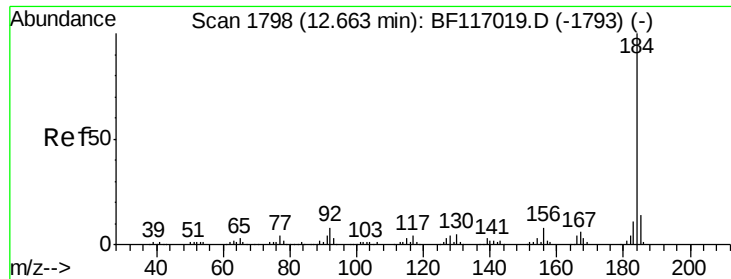
Delta R.T. 0.01 min

Lab File: BF117246.D

Acq: 25 Sep 2019 17:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	10.1	8.3	12.5		
236	24.3	20.3	30.5		





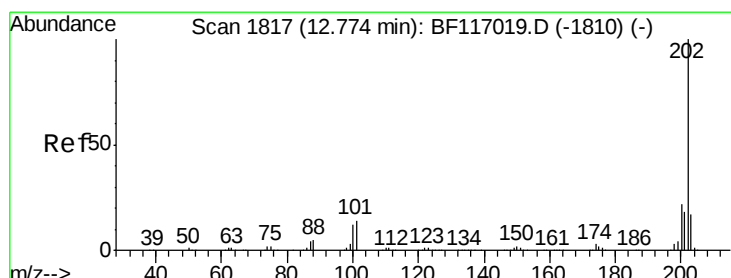
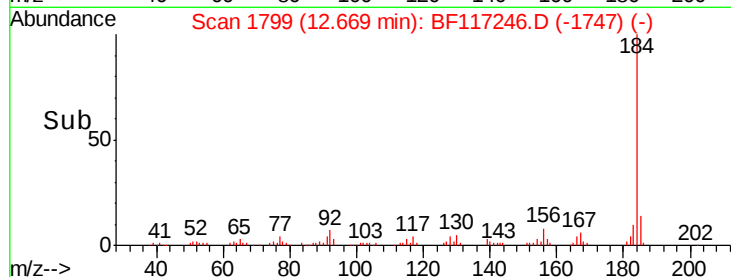
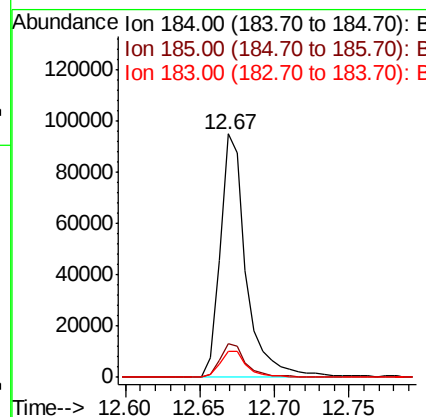
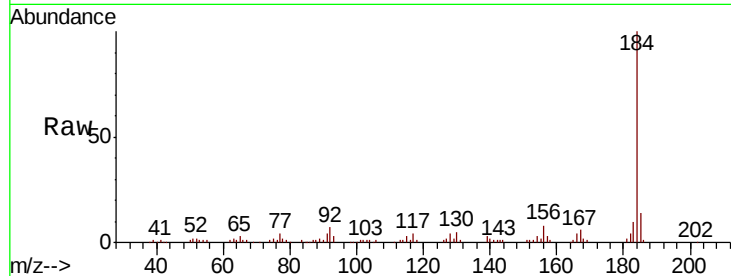
#77
Benzidine
Concen: 50.075 ng
RT: 12.67 min Scan# 1799
Delta R.T. 0.01 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.6	17.4
183	10.5	9.0	13.4

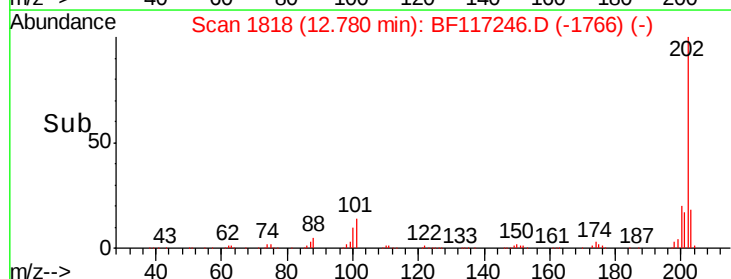
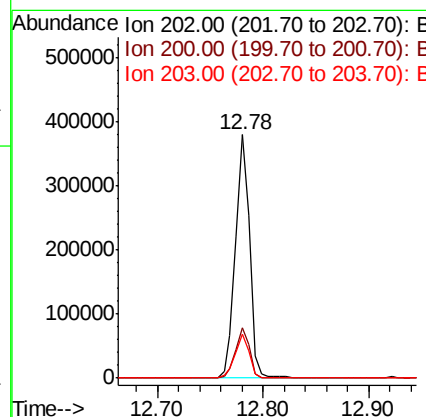
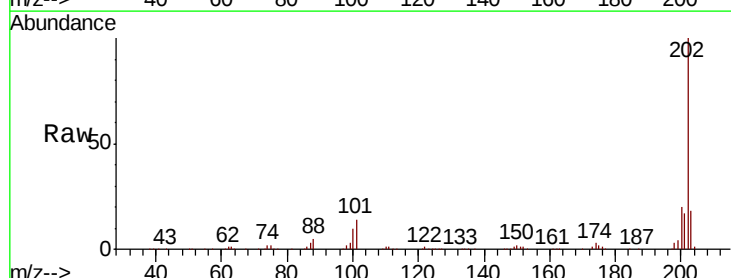
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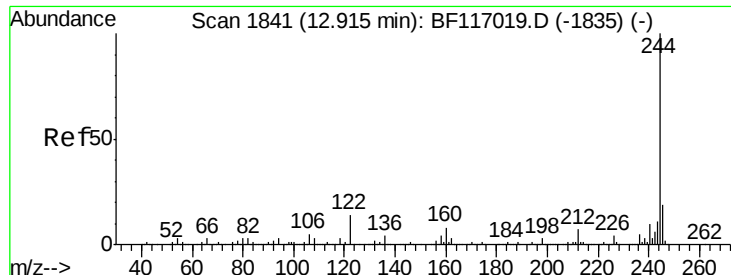
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#78
Pyrene
Concen: 58.511 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.2	25.8
203	17.8	14.0	21.0





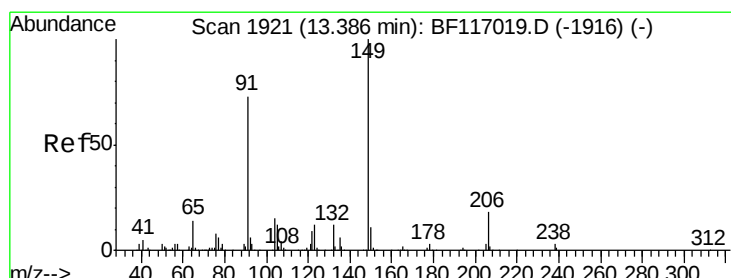
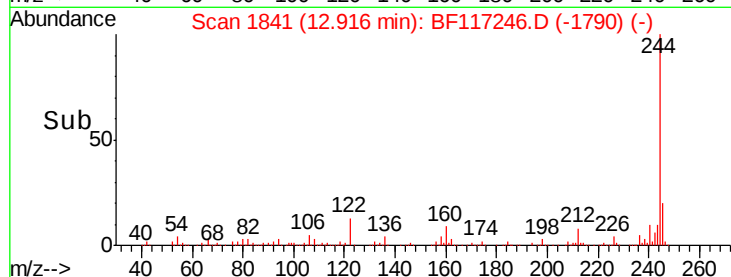
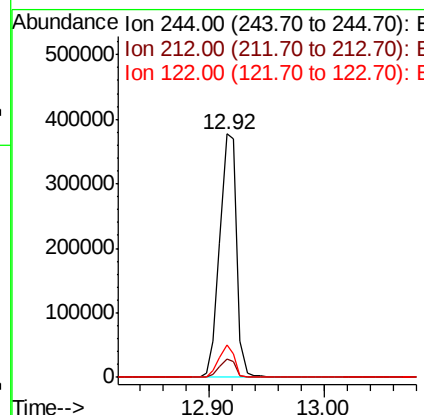
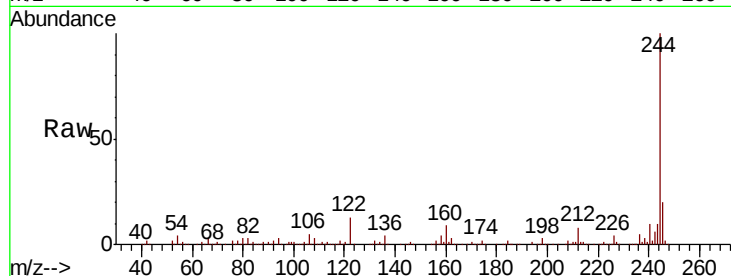
#79
 Terphenyl-d14
 Concen: 100.665 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117246.D
 Acq: 25 Sep 2019 17:58

Instrument :
 BNA_F
 ClientSampleId :
 RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.6	5.8	8.8	
122	13.4	11.3	16.9	

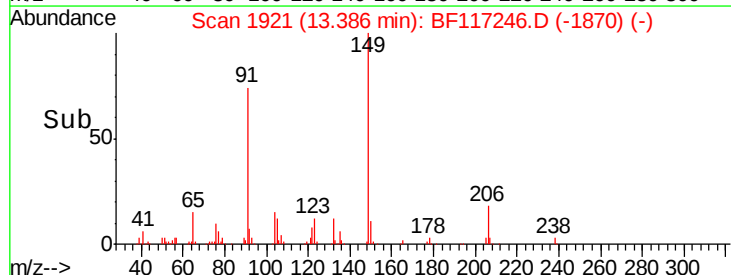
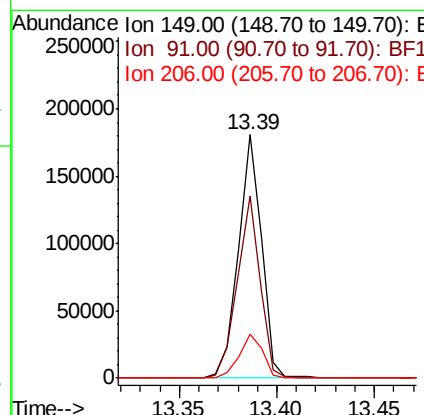
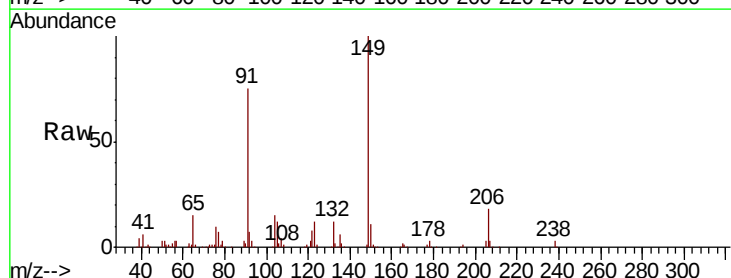
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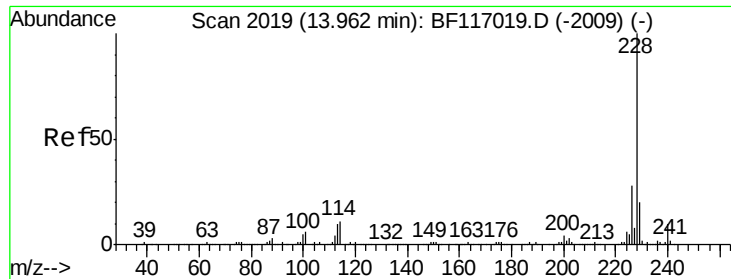
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#80
 Butylbenzylphthalate
 Concen: 52.635 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: BF117246.D
 Acq: 25 Sep 2019 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	74.7	58.8	88.2	
206	17.8	14.1	21.1	





#81

Benzo(a)anthracene

Concen: 49.508 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF117246.D

Acq: 25 Sep 2019 17:58

Instrument :

BNA_F

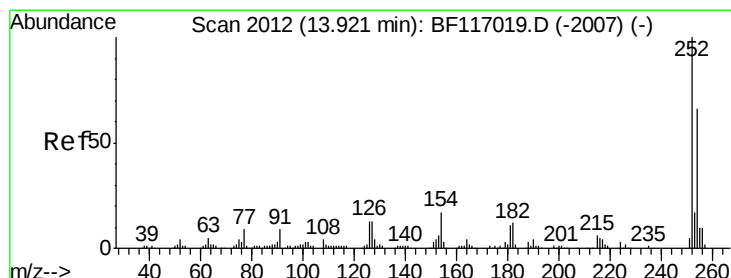
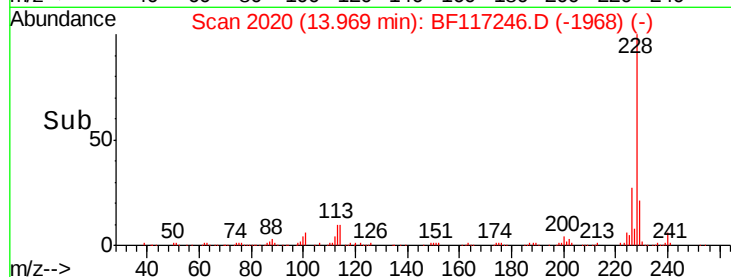
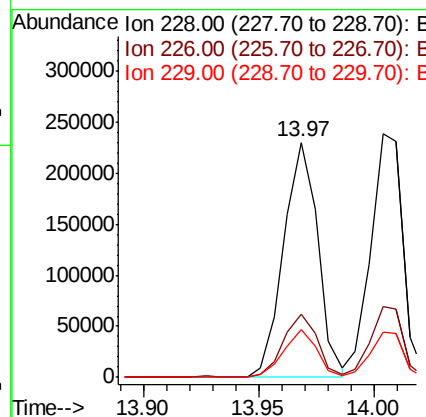
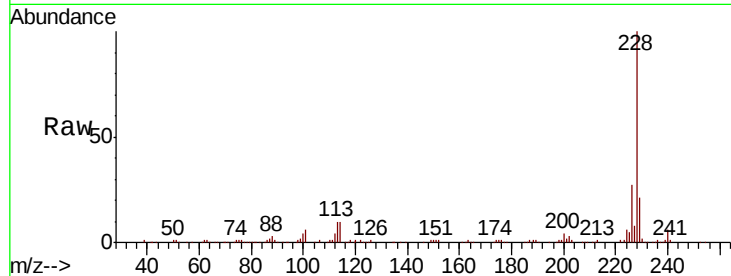
ClientSampleId :

RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.3	33.5
229	20.6	15.9	23.9

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#82

3,3'-Dichlorobenzidine

Concen: 38.092 ng

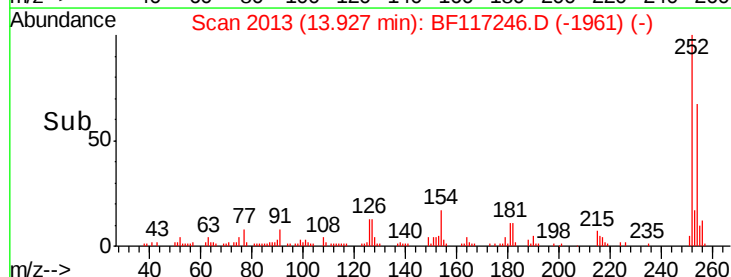
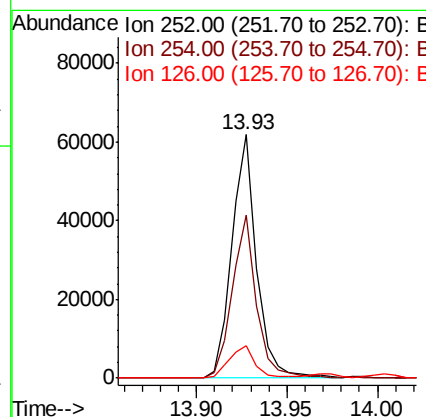
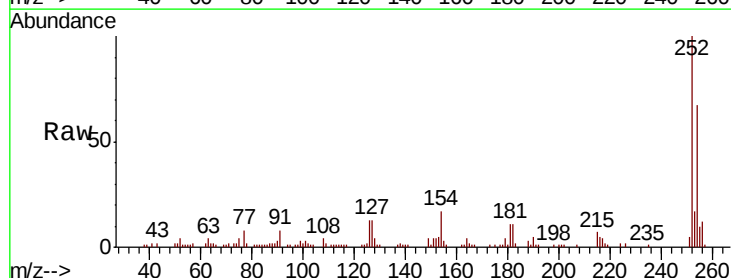
RT: 13.93 min Scan# 2013

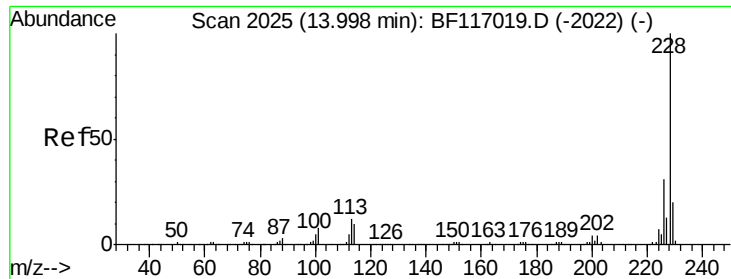
Delta R.T. 0.01 min

Lab File: BF117246.D

Acq: 25 Sep 2019 17:58

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.8	52.6	79.0
126	13.2	10.4	15.6





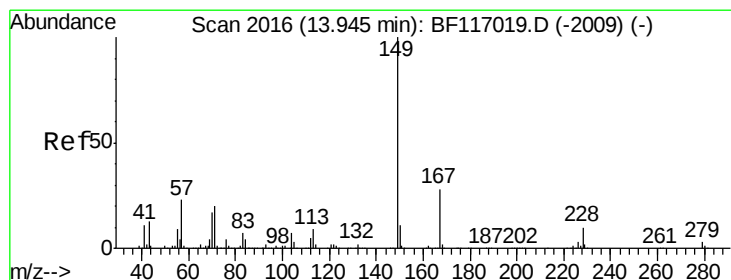
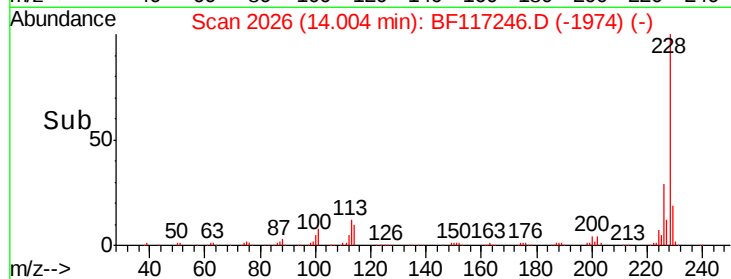
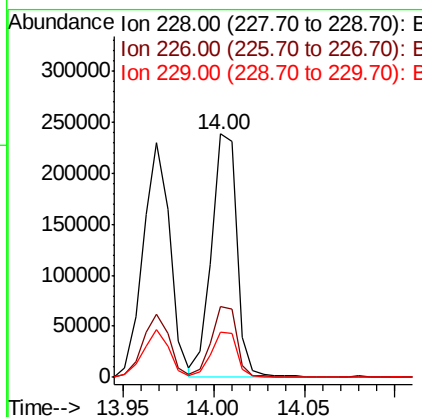
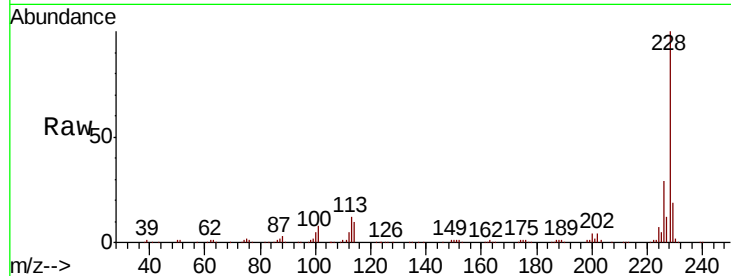
#83
 Chrysene
 Concen: 49.835 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF117246.D
 Acq: 25 Sep 2019 17:58

Instrument :
 BNA_F
 ClientSampleId :
 RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.8	37.2
229	18.7	15.8	23.8

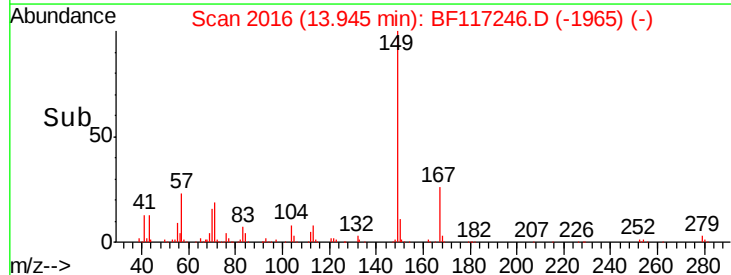
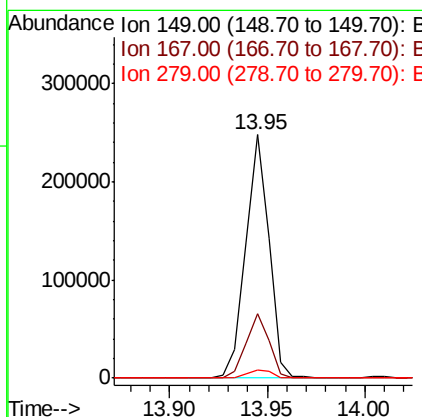
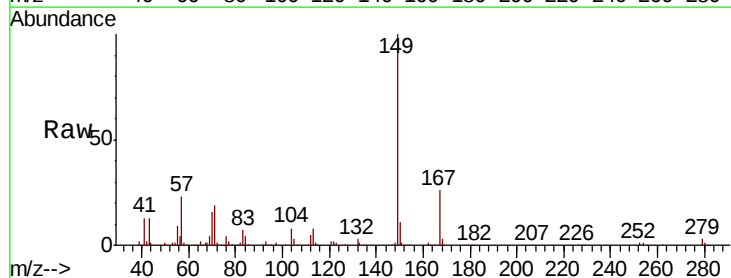
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 56.131 ng
 RT: 13.95 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF117246.D
 Acq: 25 Sep 2019 17:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	22.2	33.2
279	3.1	2.8	4.2





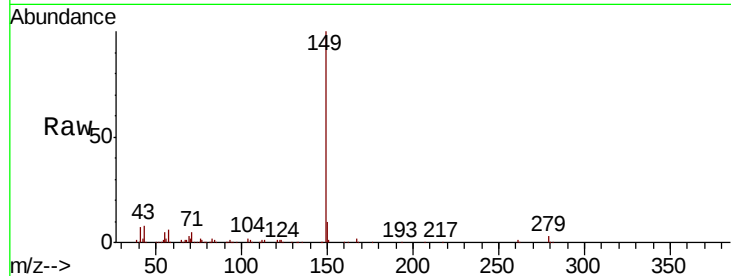
#85
Di-n-octyl phthalate
Concen: 57.093 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

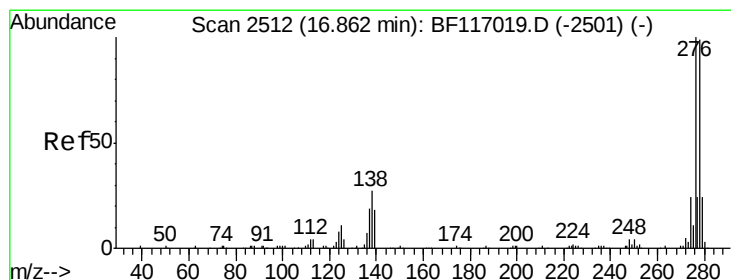
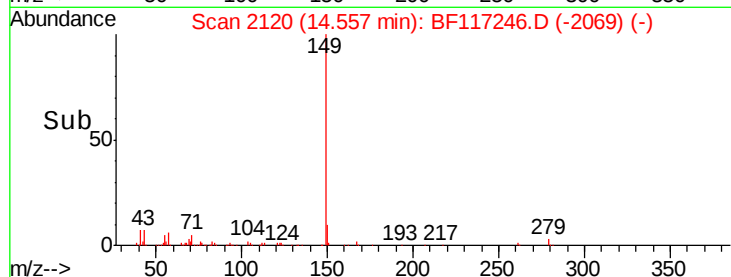
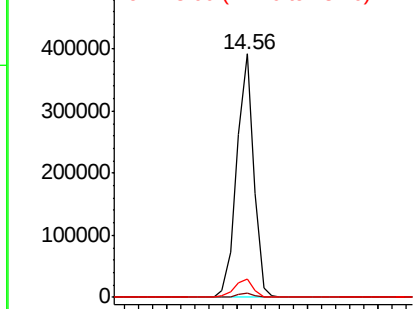
Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		328243		
167	1.5		1.2	1.8	
43	7.9		6.2	9.4	

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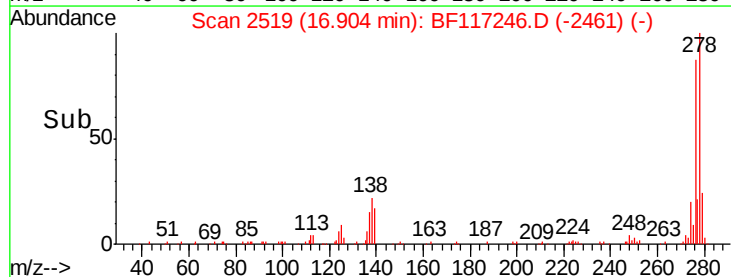
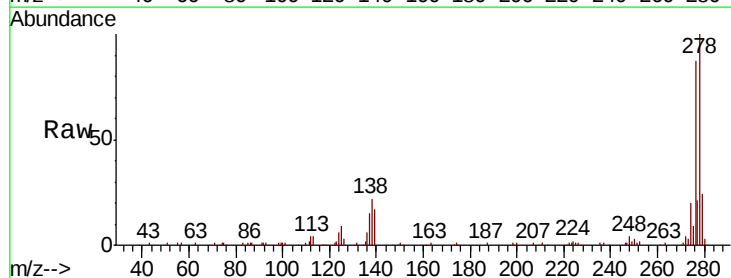
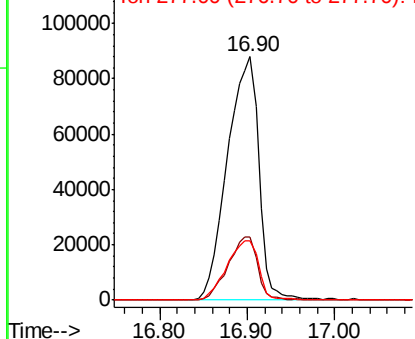
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 63.264 ng
RT: 16.90 min Scan# 2519
Delta R.T. 0.04 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
276	100		214906		
138	24.1		20.7	31.1	
277	24.6		19.8	29.8	

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





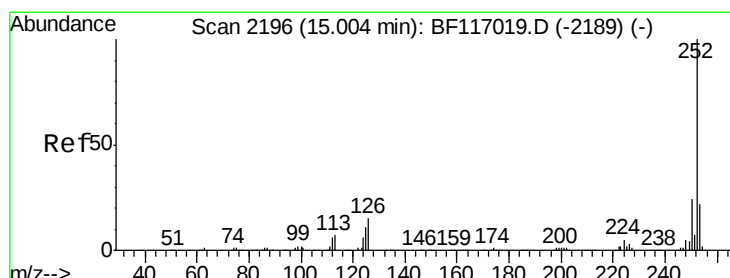
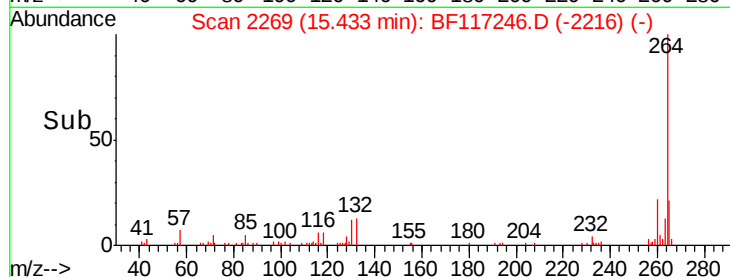
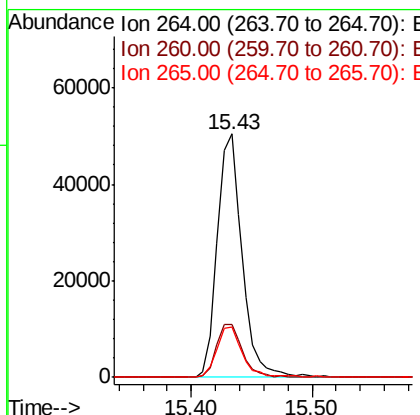
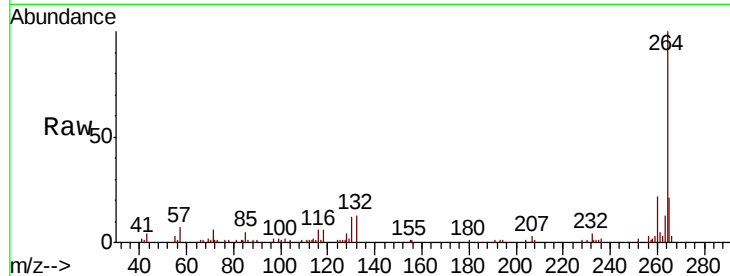
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.6	26.4
265	20.7	16.6	24.8

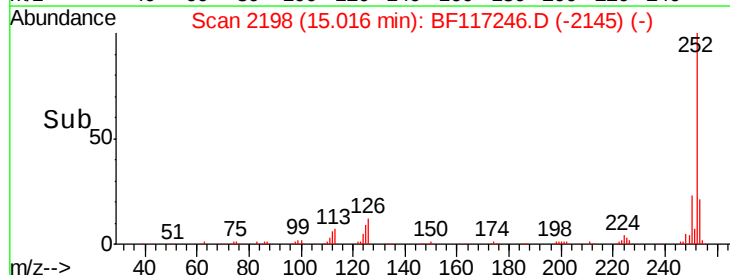
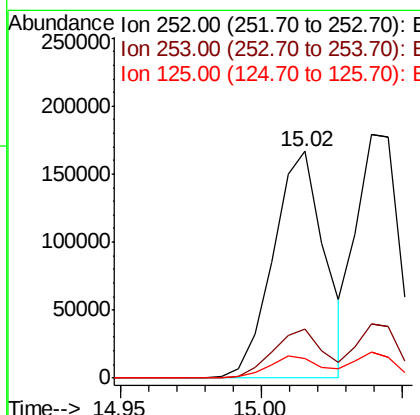
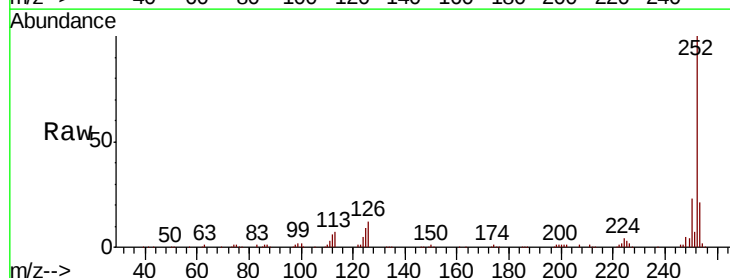
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#88
Benzo(b)fluoranthene
Concen: 48.814 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	8.8	8.6	12.8





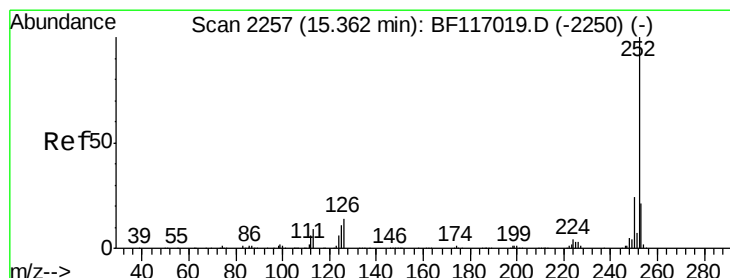
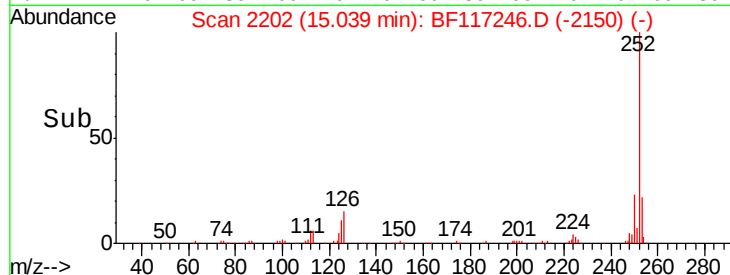
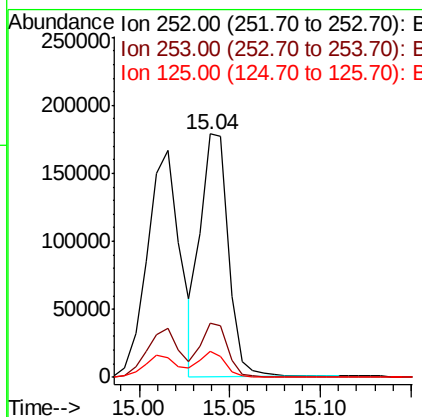
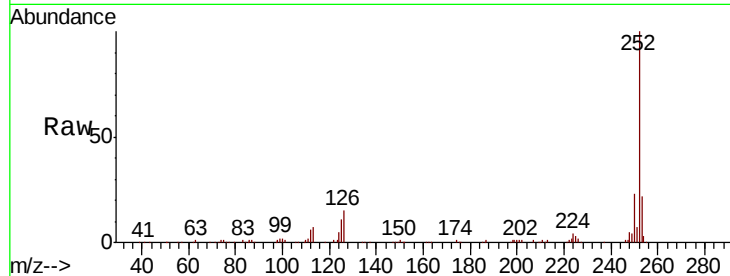
#89
Benzo(k)fluoranthene
Concen: 46.722 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	10.5	8.8	13.2

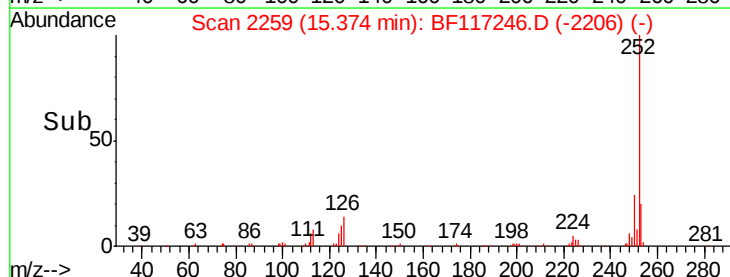
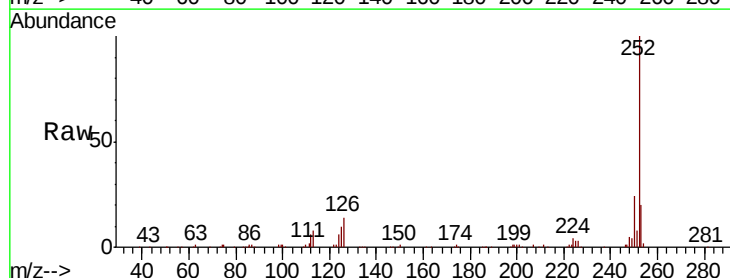
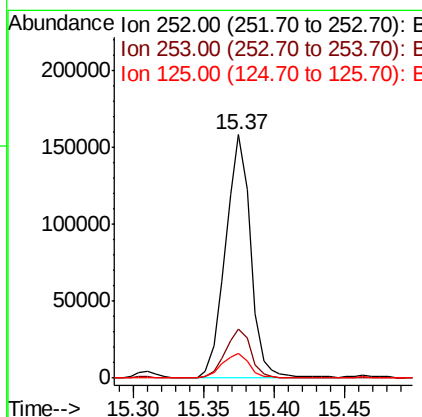
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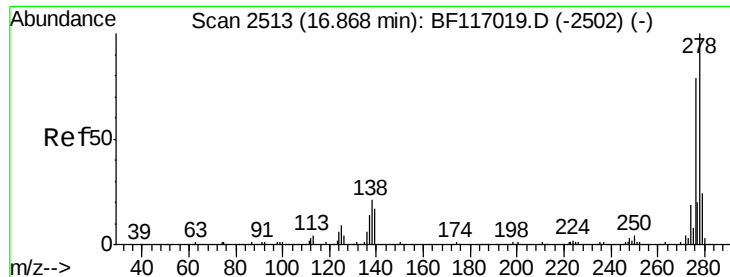
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#90
Benzo(a)pyrene
Concen: 51.944 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.4	16.6	25.0
125	10.0	8.9	13.3





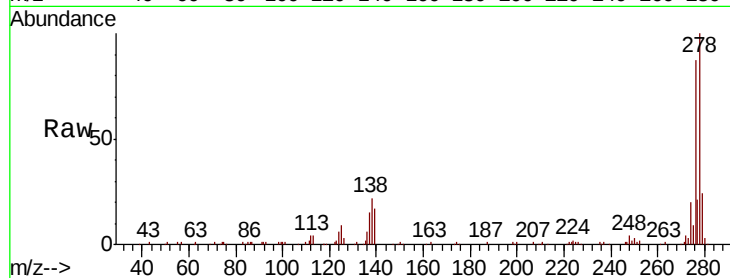
#91
Dibenzo(a,h)anthracene
Concen: 58.508 ng
RT: 16.90 min Scan# 2519
Delta R.T. 0.04 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

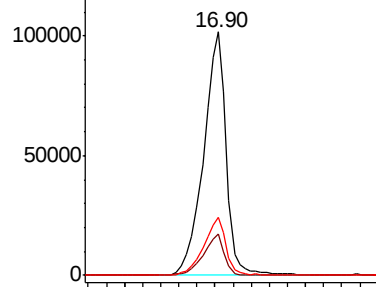
Tot Ion	Ratio	Lower	Upper
278	100		
139	17.1	13.5	20.3
279	23.6	18.8	28.2

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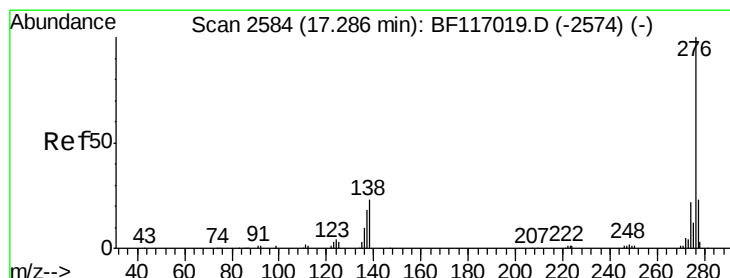
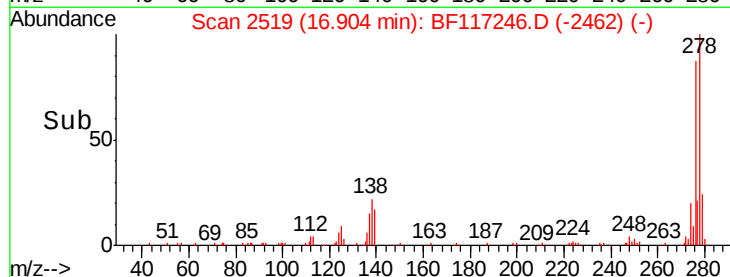
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



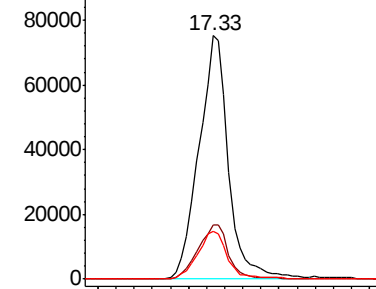
Time-->



#92
Benzo(g,h,i)perylene
Concen: 56.752 ng
RT: 17.33 min Scan# 2591
Delta R.T. 0.04 min
Lab File: BF117246.D
Acq: 25 Sep 2019 17:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.4	18.6	27.8
138	19.6	18.0	27.0

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



Time-->

