

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
 Data File : BF117152.D
 Acq On : 18 Sep 2019 18:41
 Operator : HP/JU
 Sample : K4666-18MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-091619MSD

Manual Integrations
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Jagrut
 9/19/2019 10:42:13 AM

Quant Time: Sep 19 07:55:32 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	63317	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	247981	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	121043	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	201219	20.00	ng	0.00
76) Chrysene-d12	13.97	240	143024	20.00	ng	0.00
87) Perylene-d12	15.42	264	151687	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	499698	123.21	ng	0.02
7) Phenol-d6	6.47	99	616034	117.54	ng	0.01
23) Nitrobenzene-d5	7.39	82	445489	94.39	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	147237	145.54	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	736789	95.17	ng	0.00
79) Terphenyl-d14	12.91	244	735715	96.15	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.70	88	68986	40.651	ng	# 85
3) Pyridine	3.43	79	123409	26.568	ng	95
4) n-Nitrosodimethylamine	3.35	42	69261	43.450	ng	99
6) Aniline	6.49	93	93595	13.870	ng	# 85
8) 2-Chlorophenol	6.62	128	200111	45.738	ng	99
9) Benzaldehyde	6.37	77	90941	33.097	ng	98
10) Phenol	6.48	94	224257	38.812	ng	94
11) bis(2-Chloroethyl)ether	6.56	93	193757	45.626	ng	97
12) 1,3-Dichlorobenzene	6.77	146	198265	40.384	ng	97
13) 1,4-Dichlorobenzene	6.84	146	208552	41.625	ng	98
14) 1,2-Dichlorobenzene	7.00	146	193630	41.510	ng	99
15) Benzyl Alcohol	6.97	79	183217	45.585	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	180439	43.007	ng	87
17) 2-Methylphenol	7.09	107	161041	43.919	ng	91
18) Hexachloroethane	7.33	117	78501	40.728	ng	95
19) n-Nitroso-di-n-propylamine	7.24	70	144301	45.214	ng	98
20) 3+4-Methylphenols	7.24	107	202442	44.324	ng	# 82
22) Acetophenone	7.23	105	301496	47.853	ng	97
24) Nitrobenzene	7.40	77	224845	48.242	ng	98
25) Isophorone	7.65	82	400935	47.979	ng	100
26) 2-Nitrophenol	7.72	139	105284	52.590	ng	97
27) 2,4-Dimethylphenol	7.76	122	172617	54.372	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	239051	46.431	ng	99
29) 2,4-Dichlorophenol	7.97	162	163196	49.059	ng	96
30) 1,2,4-Trichlorobenzene	8.05	180	162898	45.326	ng	98
31) Naphthalene	8.12	128	583389	48.916	ng	99
32) Benzoic acid	7.89	122	62883	29.222	ng	93
33) 4-Chloroaniline	8.18	127	51864	9.805	ng	98
34) Hexachlorobutadiene	8.24	225	89401	43.846	ng	97
35) Caprolactam	8.54	113	40949m	36.368	ng	
36) 4-Chloro-3-methylphenol	8.66	107	190478	49.107	ng	99
37) 2-Methylnaphthalene	8.82	142	388163	48.332	ng	97
38) 1-Methylnaphthalene	8.91	142	357685	47.553	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	153270	49.036	ng	99

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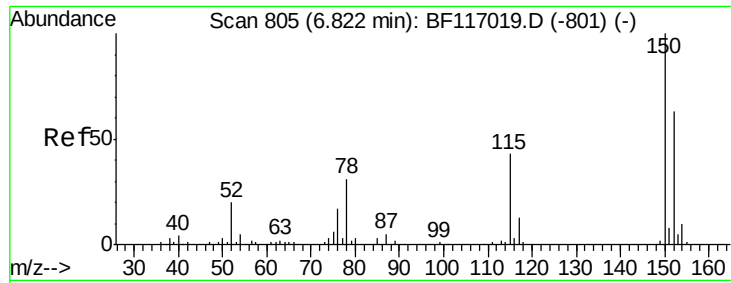
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	123936	88.752	nq	98
43) 2,4,6-Trichlorophenol	9.09	196	104733	49.375	nq	99
44) 2,4,5-Trichlorophenol	9.14	196	114213	50.397	nq	98
46) 1,1'-Biphenyl	9.27	154	461128	48.567	nq	99
47) 2-Chloronaphthalene	9.30	162	364783	48.681	nq	98
48) 2-Nitroaniline	9.40	65	116436	48.445	nq	97
49) Acenaphthylene	9.72	152	574734	51.200	nq	100
50) Dimethylphthalate	9.57	163	455703	53.171	nq	98
51) 2,6-Dinitrotoluene	9.64	165	90894	52.073	nq	98
52) Acenaphthene	9.89	154	323658	48.640	nq	99
53) 3-Nitroaniline	9.81	138	52685	23.923	nq	95
54) 2,4-Dinitrophenol	9.92	184	67379	88.320	nq	93
55) Dibenzofuran	10.06	168	494882	50.407	nq	98
56) 4-Nitrophenol	9.98	139	122631	85.915	nq	96
57) 2,4-Dinitrotoluene	10.05	165	126042	55.628	nq	95
58) Fluorene	10.40	166	401488	50.766	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	87007	50.170	nq	100
60) Diethylphthalate	10.27	149	405549	48.097	nq	98
61) 4-Chlorophenyl-phenylether	10.39	204	168226	49.164	nq	96
62) 4-Nitroaniline	10.42	138	106449	46.478	nq	96
63) Azobenzene	10.55	77	426429	49.517	nq	96
65) 4,6-Dinitro-2-methylphenol	10.46	198	47968	51.698	nq	97
66) n-Nitrosodiphenylamine	10.51	169	344280	49.542	nq	98
67) 4-Bromophenyl-phenylether	10.87	248	100206	48.764	nq	97
68) Hexachlorobenzene	10.95	284	104836	46.644	nq	96
69) Atrazine	11.03	200	95818	61.029	nq	99
70) Pentachlorophenol	11.14	266	107160	101.713	nq	98
71) Phenanthrene	11.36	178	571958	50.044	nq	99
72) Anthracene	11.41	178	598448	51.288	nq	99
73) Carbazole	11.56	167	562984	50.831	nq	99
74) Di-n-butylphthalate	11.89	149	635158	48.200	nq	100
75) Fluoranthene	12.54	202	591009	50.327	nq	97
77) Benzidine	12.66	184	94407	20.491	nq	98
78) Pyrene	12.77	202	592335	49.358	nq	99
80) Butylbenzylphthalate	13.38	149	275961	48.665	nq	98
81) Benzo(a)anthracene	13.96	228	475734	49.786	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	78057	25.349	nq	96
83) Chrysene	13.99	228	457624	49.102	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	363808	49.759	nq	99
85) Di-n-octyl phthalate	14.54	149	614580	53.406	nq	98
86) Indeno(1,2,3-cd)pyrene	16.86	276	475651	69.955	nq	99
88) Benzo(b)fluoranthene	15.00	252	414478	45.110	nq	98
89) Benzo(k)fluoranthene	15.03	252	403100	46.313	nq	98
90) Benzo(a)pyrene	15.36	252	408614	50.679	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	395534	61.580	nq	99
92) Benzo(g,h,i)perylene	17.29	276	404638	63.219	nq	98

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



#1

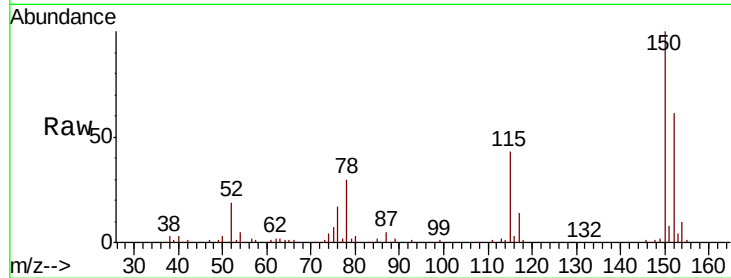
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.8	127.5	191.3
115	69.9	55.0	82.4

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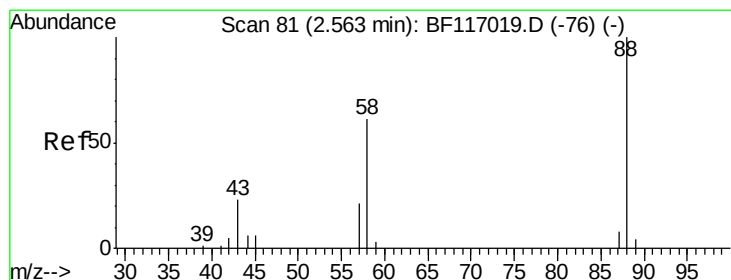
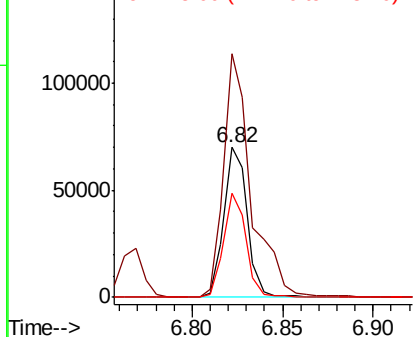
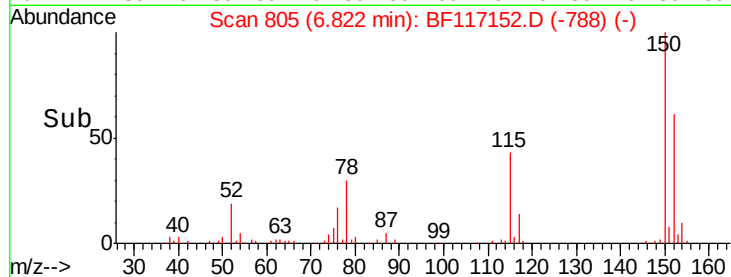


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

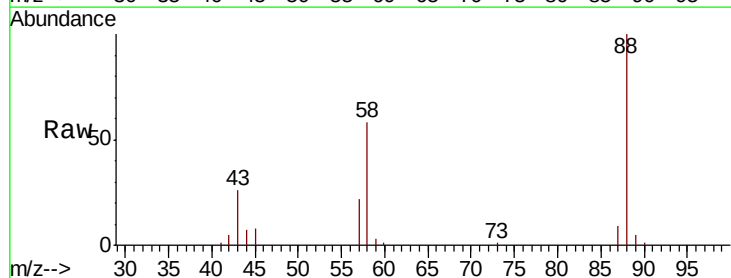
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.651 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.14 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.7	49.3	73.9
43	0.0	18.8	28.2

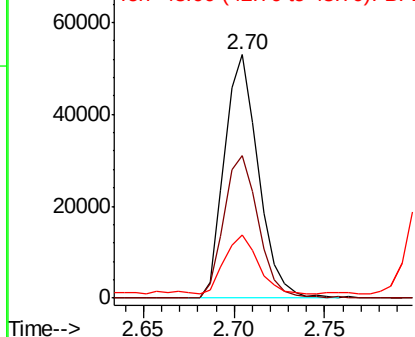
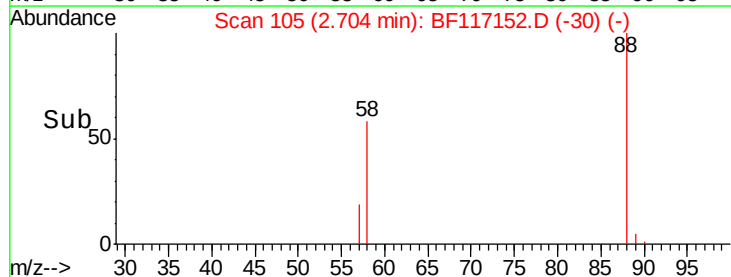


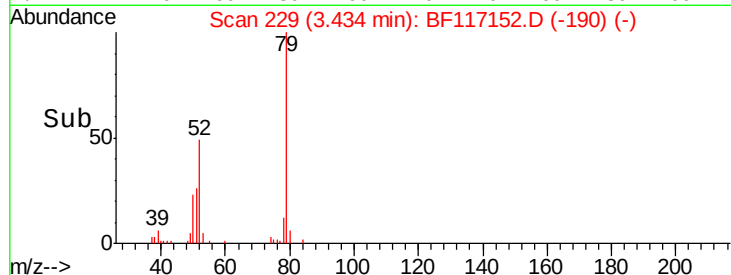
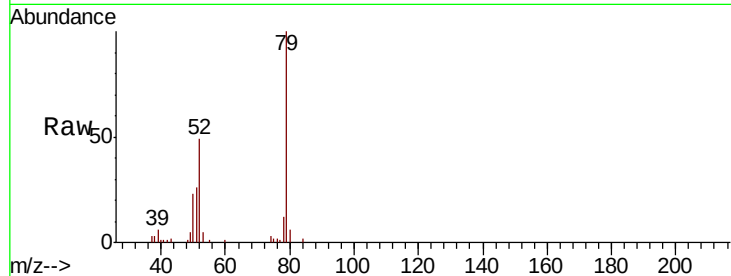
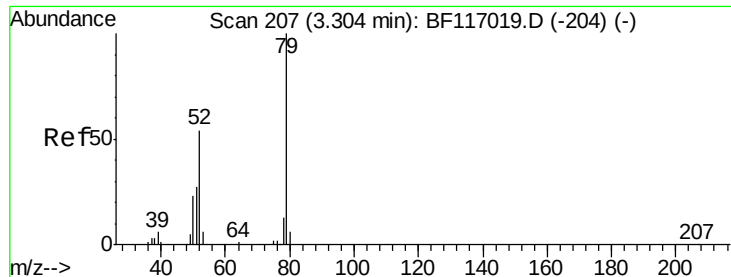
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





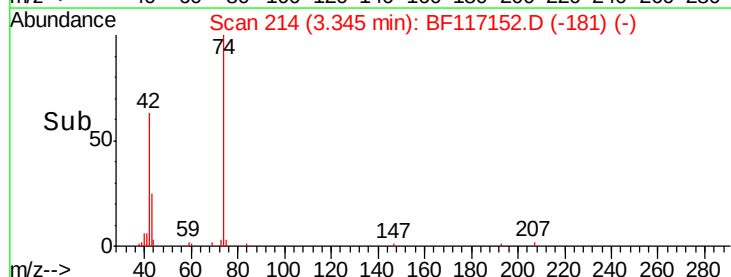
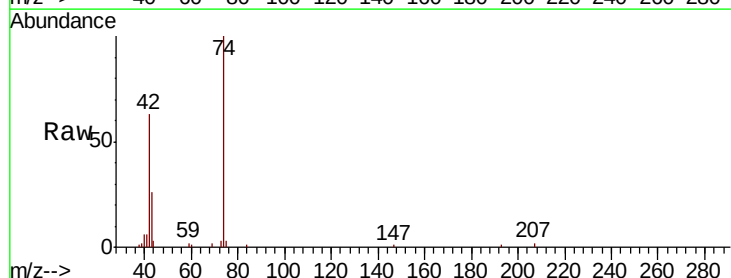
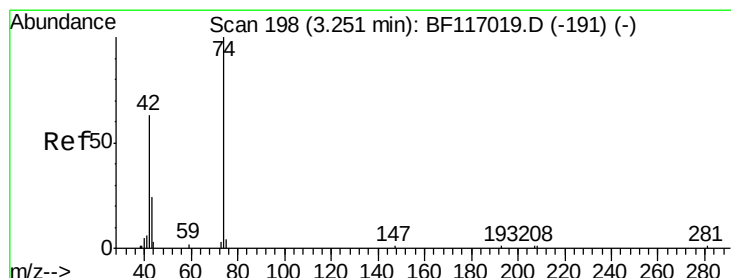
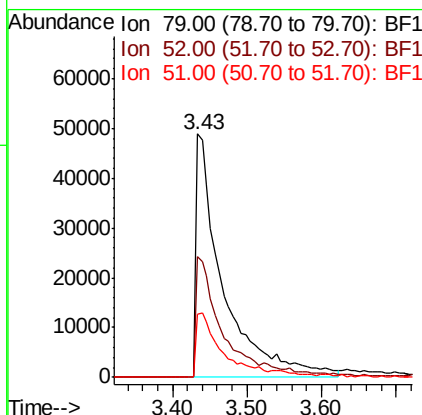
#3
 Pvridine
 Concen: 26.568 ng
 RT: 3.43 min Scan# 229
 Delta R.T. 0.13 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

Tot Ion	79	Resp	123409
Ion Ratio	Lower	Upper	
79	100		
52	49.4	43.5	65.3
51	26.2	21.8	32.6

Instrument :
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 PL-02-091619MSD

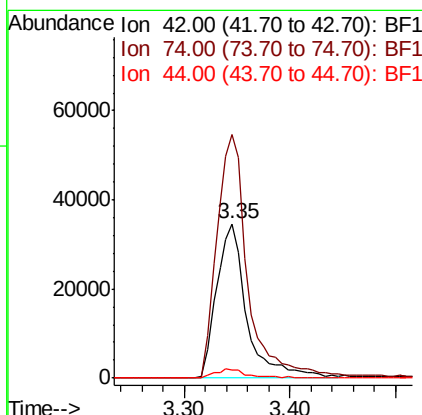
Manual Integrations
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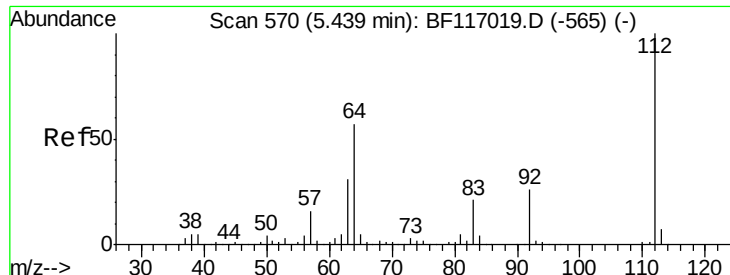
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#4
 n-Nitrosodimethylamine
 Concen: 43.450 ng
 RT: 3.35 min Scan# 214
 Delta R.T. 0.09 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

Tgt Ion	42	Resp	69261
Ion Ratio	Lower	Upper	
42	100		
74	157.7	127.1	190.7
44	5.3	4.3	6.5





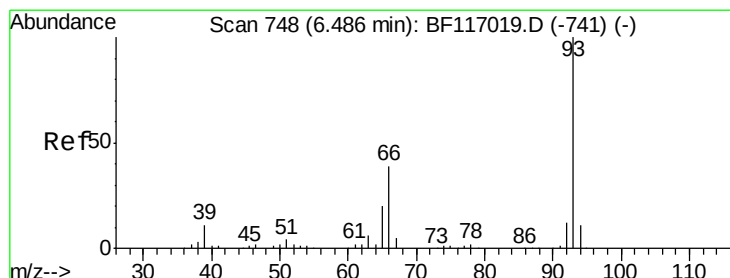
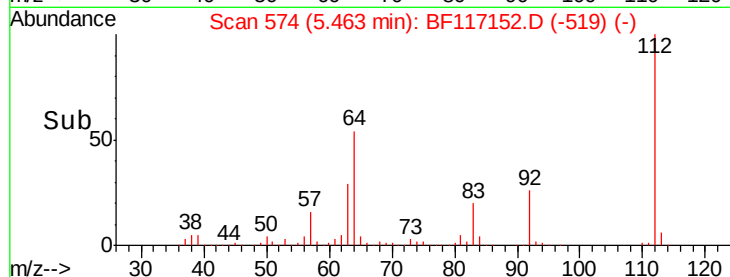
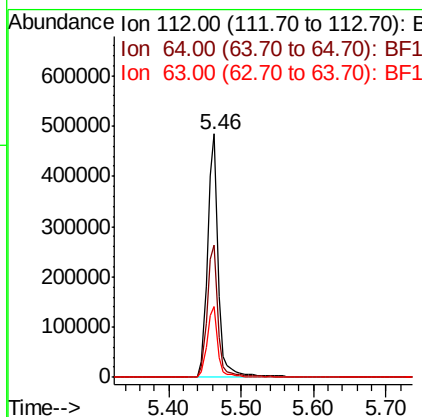
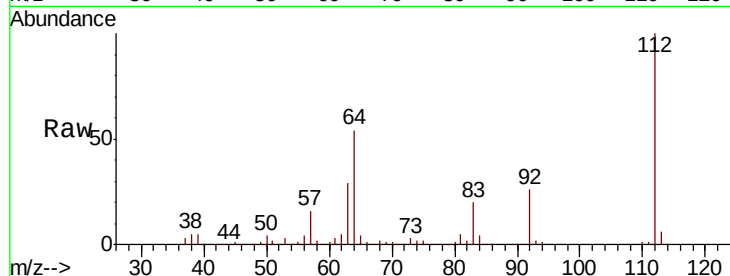
#5
2-Fluorophenol
Concen: 123.214 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	499698		
64	54.5	45.7	68.5	
63	29.2	24.9	37.3	

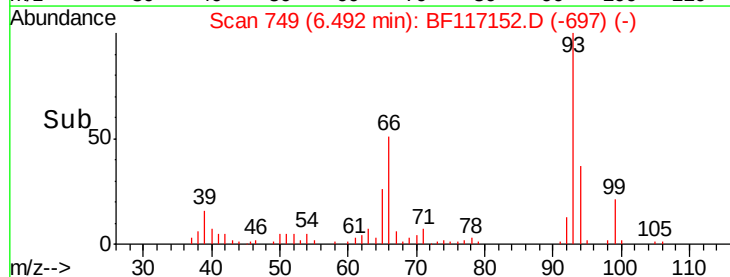
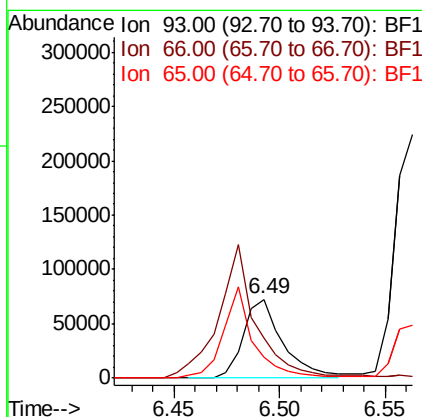
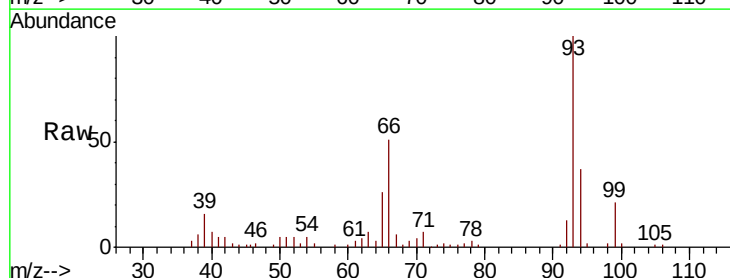
Manual Integrations
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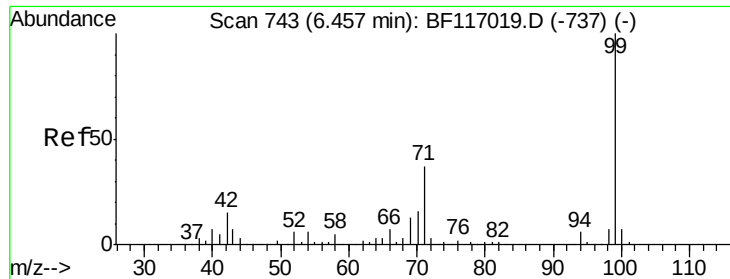
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#6
Aniline
Concen: 13.870 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	93595		
66	51.1	32.6	49.0#	
65	26.4	16.7	25.1#	





#7

Phenol-d6

Concen: 117.536 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

Instrument :

BNA_F

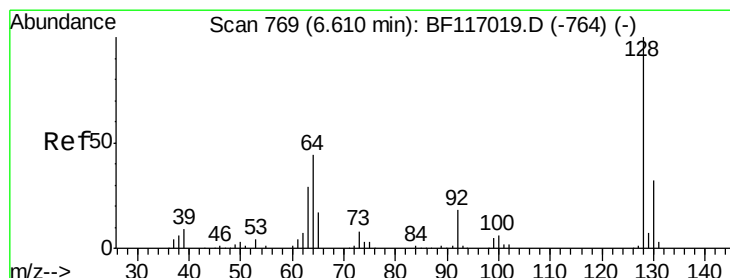
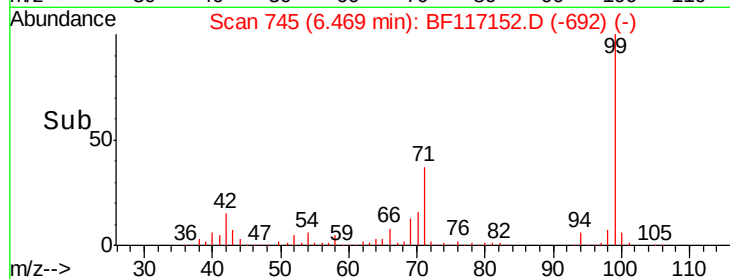
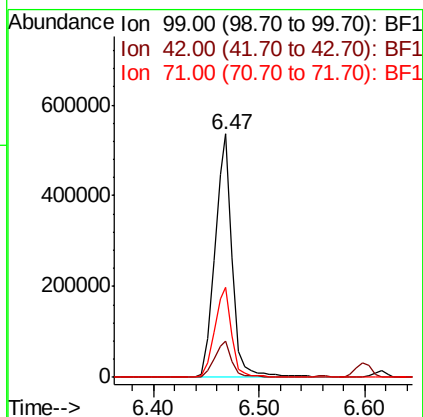
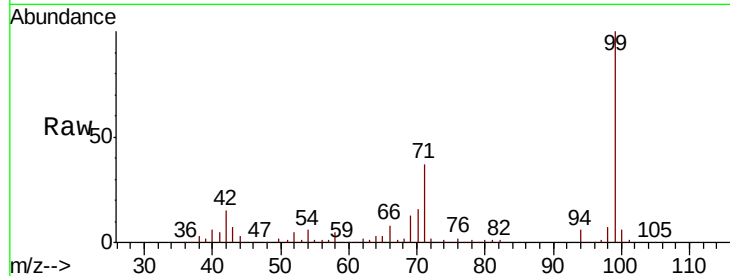
ClientSampleId :

PL-02-091619MSD

Tot Ion:	99	Resp:	616034
Ion Ratio	Lower	Upper	
99	100		
42	14.9	12.2	18.2
71	36.9	29.8	44.8

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#8

2-Chlorophenol

Concen: 45.738 ng

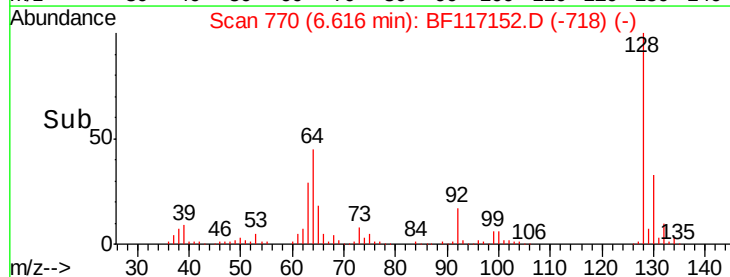
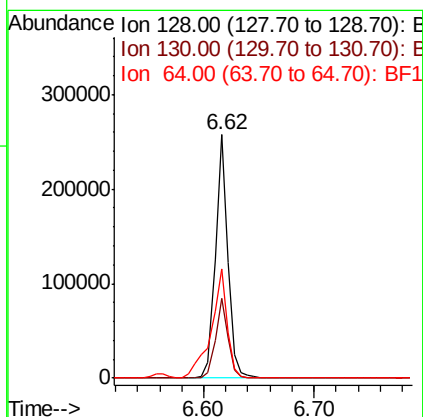
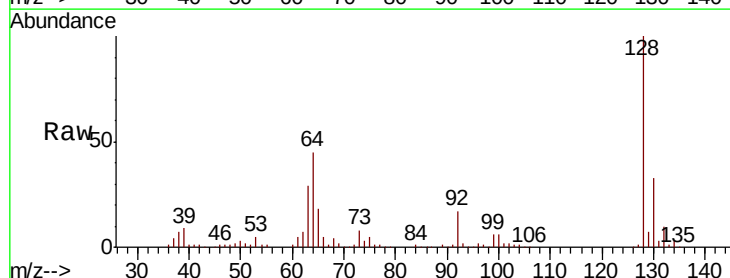
RT: 6.62 min Scan# 770

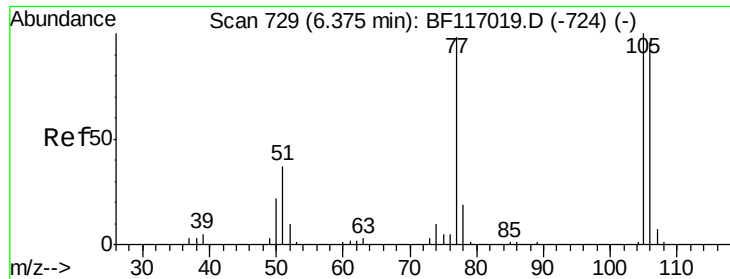
Delta R.T. 0.01 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

Tgt Ion:	128	Resp:	200111
Ion Ratio	Lower	Upper	
128	100		
130	33.0	11.8	51.8
64	44.6	25.0	65.0





#9

Benzaldehyde

Concen: 33.097 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

Instrument :

BNA_F

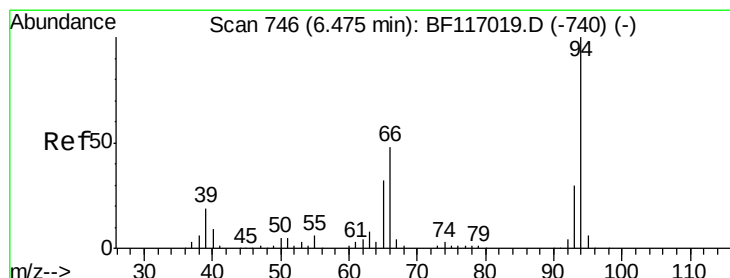
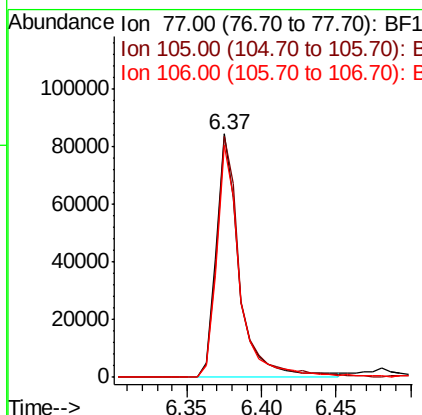
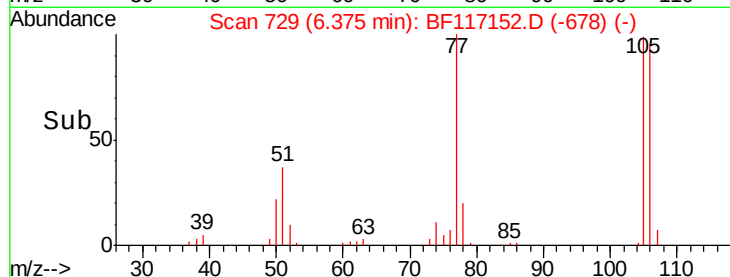
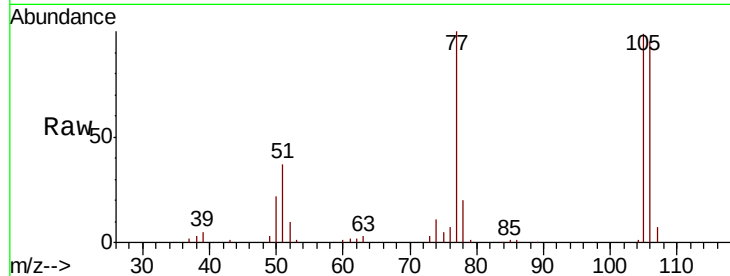
ClientSampleId :

PL-02-091619MSD

Tot Ion:	77	Resp:	90941
Ion	Ratio	Lower	Upper
77	100		
105	99.0	81.8	121.8
106	95.3	77.3	117.3

Manual Integrations
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#10

Phenol

Concen: 38.812 ng

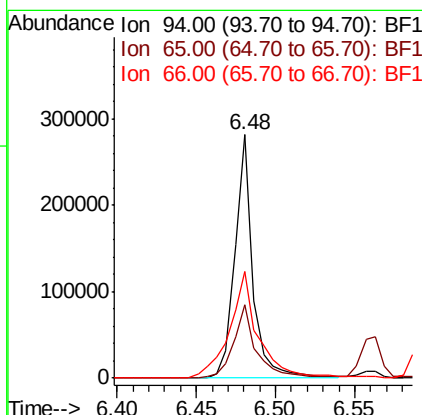
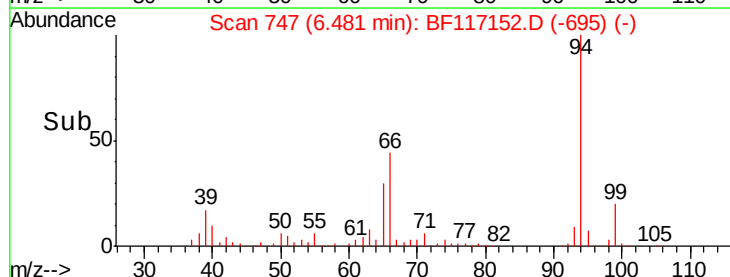
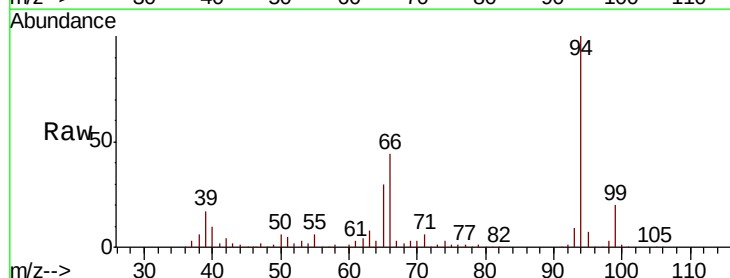
RT: 6.48 min Scan# 747

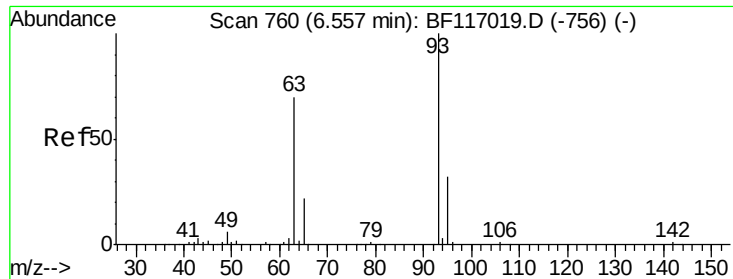
Delta R.T. 0.01 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

Tgt Ion:	94	Resp:	224257
Ion	Ratio	Lower	Upper
94	100		
65	29.9	12.5	52.5
66	43.6	28.9	68.9





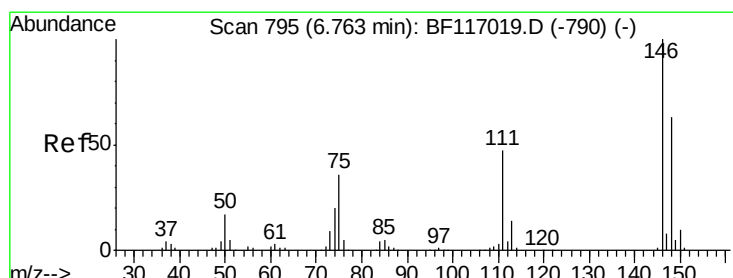
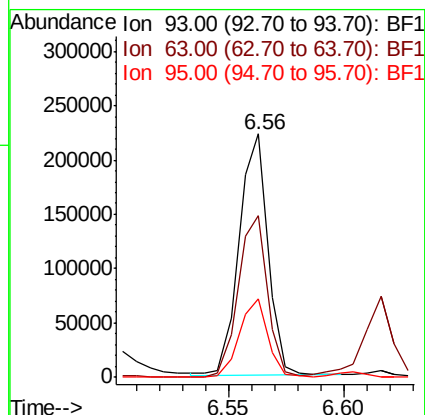
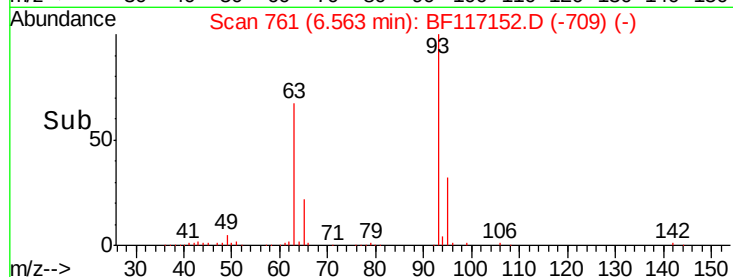
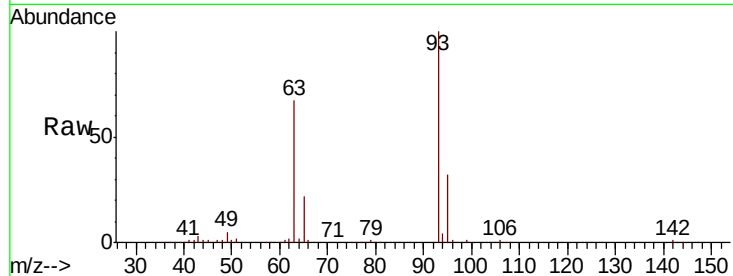
#11
bis(2-Chloroethyl)ether
Concen: 45.626 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MSD

Tot Ion:	93	Resp:	193757
Ion Ratio	Lower	Upper	
93	100		
63	66.6	49.3	89.3
95	32.2	11.5	51.5

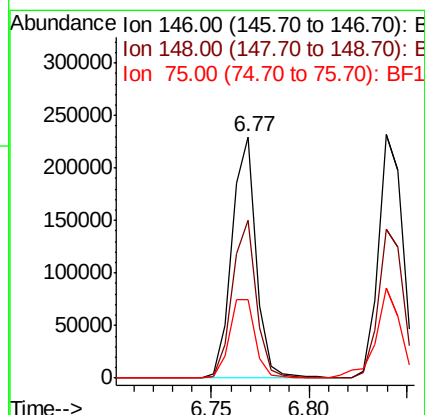
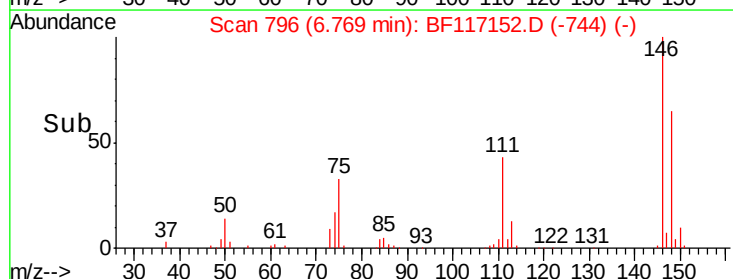
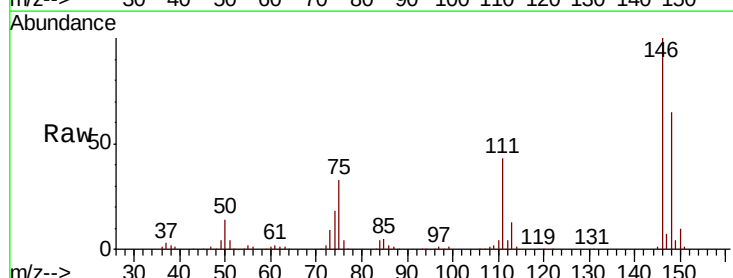
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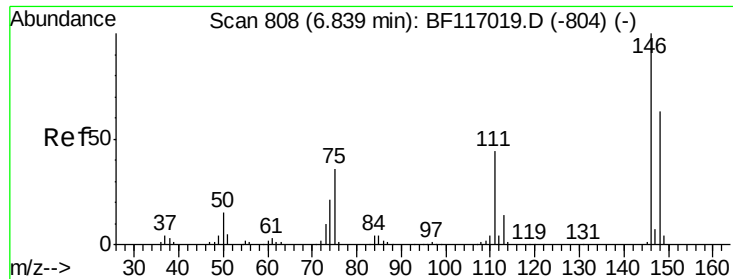
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#12
1,3-Dichlorobenzene
Concen: 40.384 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion:	146	Resp:	198265
Ion Ratio	Lower	Upper	
146	100		
148	65.3	50.8	76.2
75	32.8	28.7	43.1





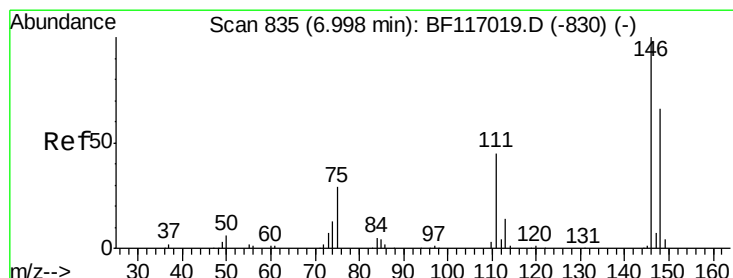
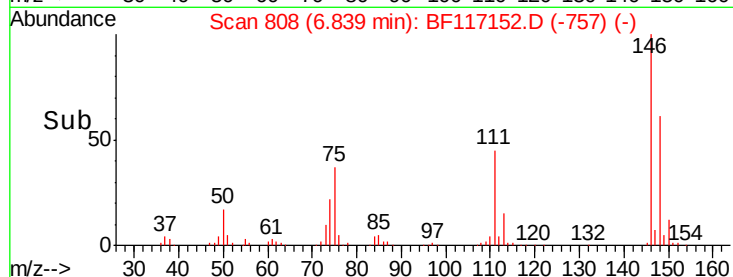
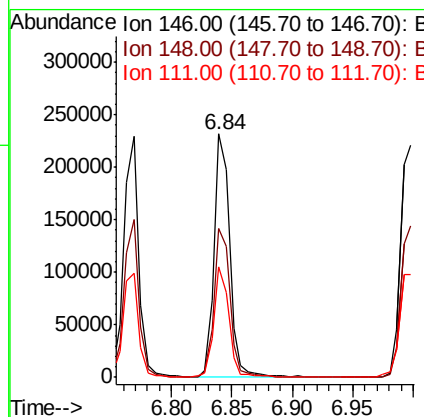
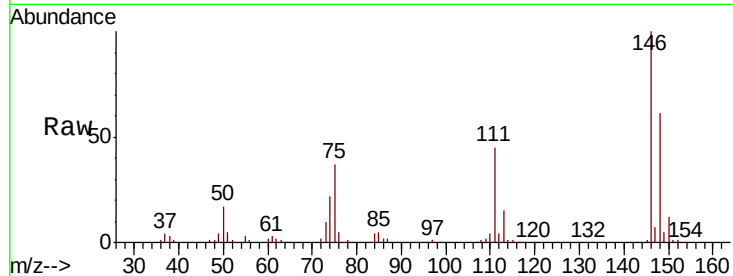
#13
1,4-Dichlorobenzene
Concen: 41.625 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.4	50.6	76.0
111	45.2	35.0	52.6

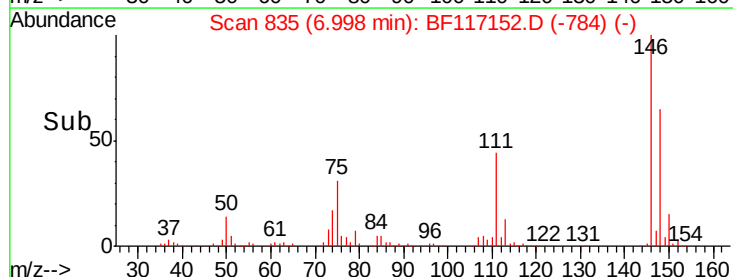
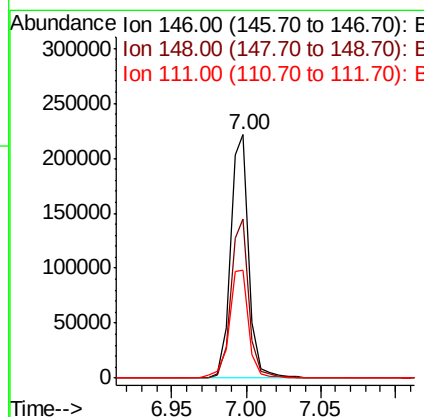
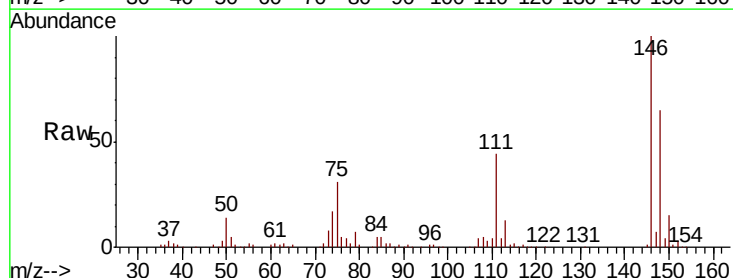
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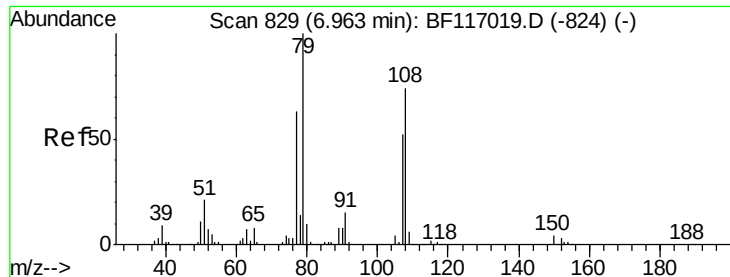
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#14
1,2-Dichlorobenzene
Concen: 41.510 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.6	78.8
111	44.4	36.2	54.2





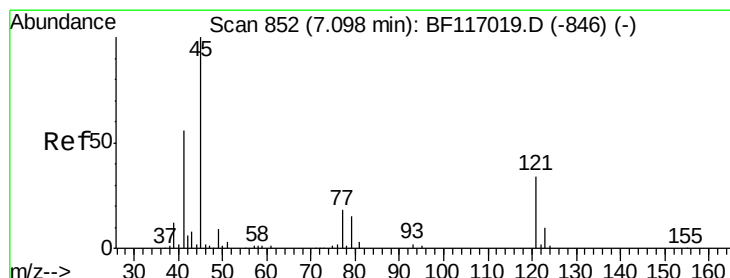
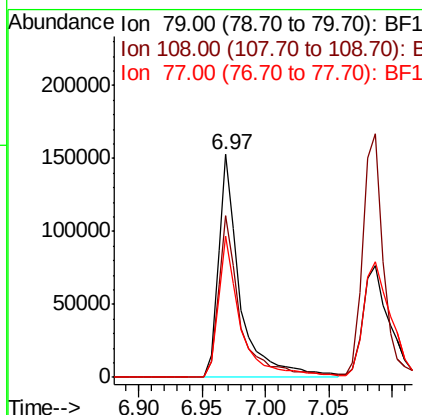
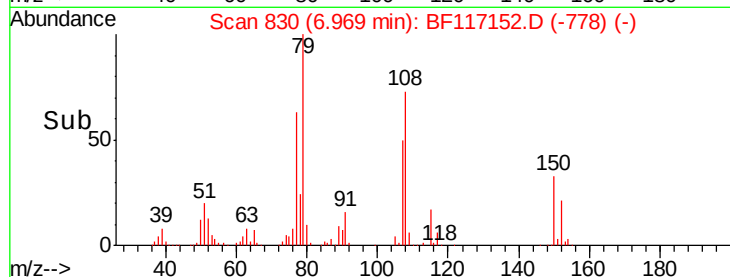
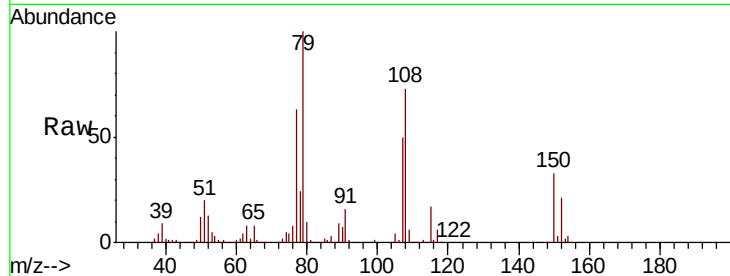
#15
Benzyl Alcohol
Concen: 45.585 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MSD

Tot Ion:	79	Resp:	183217
Ion Ratio	Lower	Upper	
79	100		
108	72.6	59.4	89.0
77	63.2	50.2	75.2

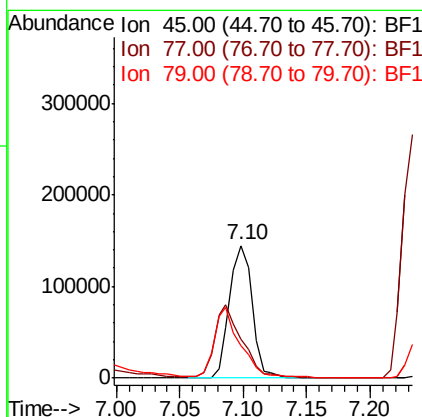
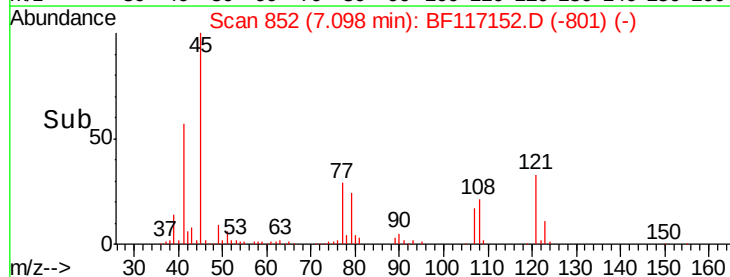
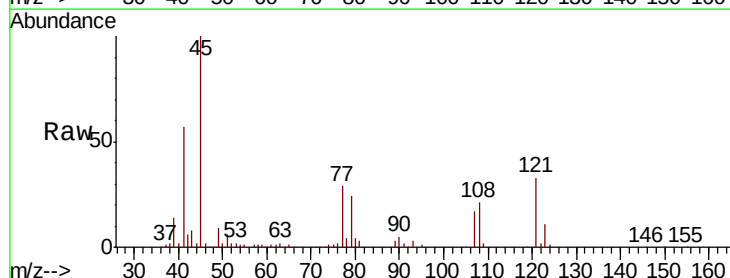
Manual Integrations
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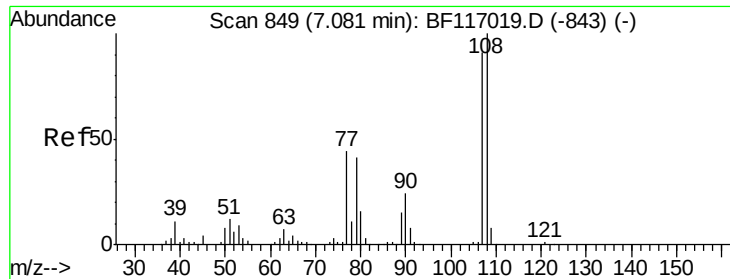
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#16
2,2'-oxybis(1-chloropropane)
Concen: 43.007 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion:	45	Resp:	180439
Ion Ratio	Lower	Upper	
45	100		
77	29.0	2.7	42.7
79	24.3	0.0	38.9





#17

2-Methylphenol

Concen: 43.919 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.01 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

Instrument :

BNA_F

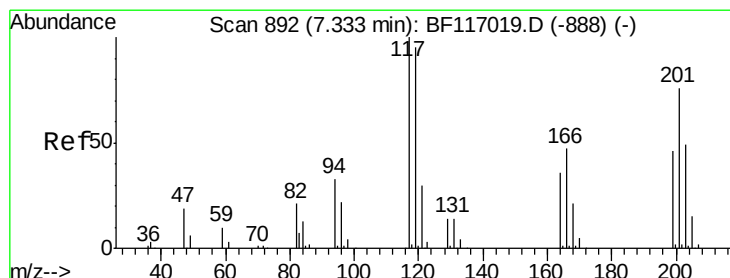
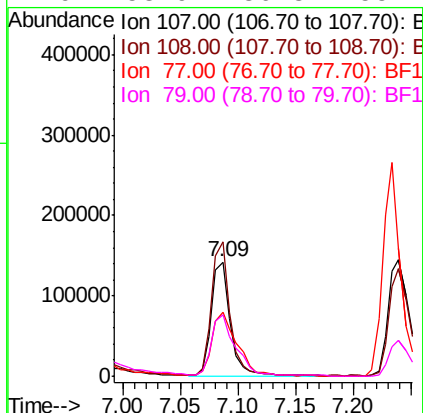
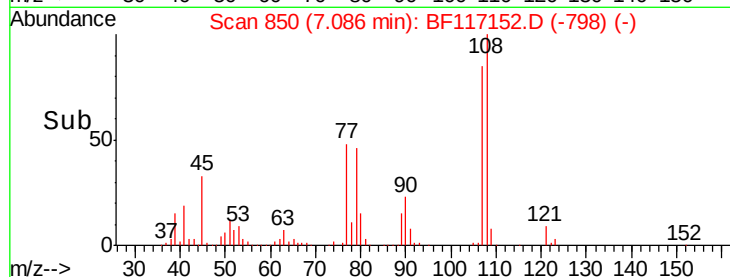
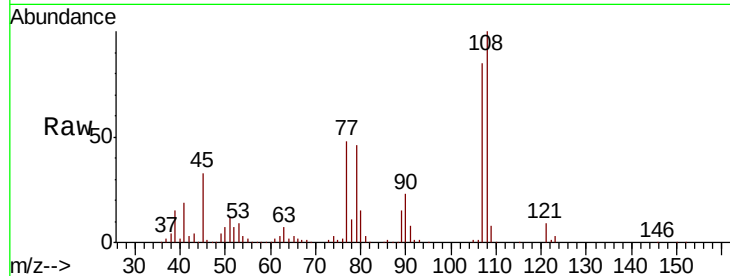
ClientSampleId :

PL-02-091619MSD

Tot Ion:	107	Resp:	161041
Ion Ratio	Lower	Upper	
107	100		
108	117.3	87.7	131.5
77	56.0	38.6	58.0
79	53.9	36.8	55.2

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#18

Hexachloroethane

Concen: 40.728 ng

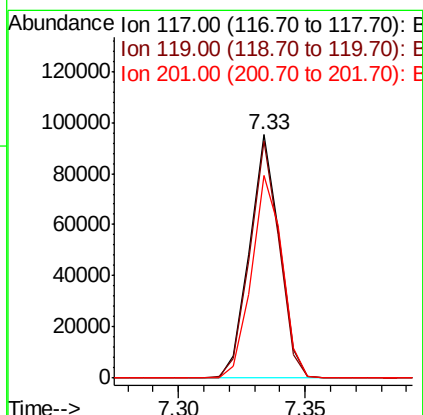
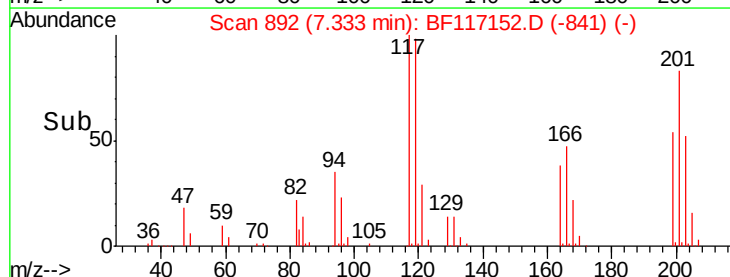
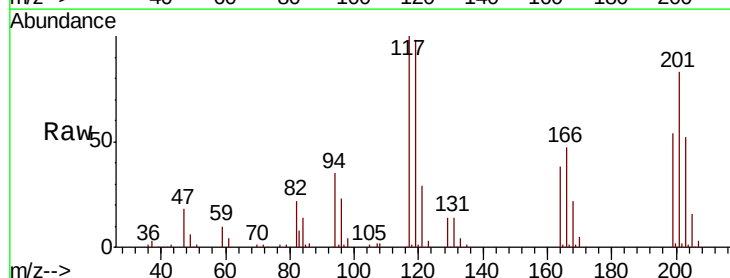
RT: 7.33 min Scan# 892

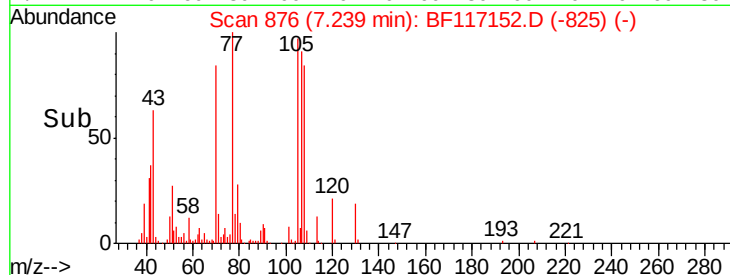
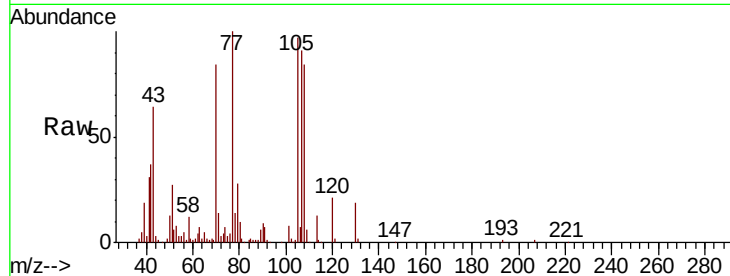
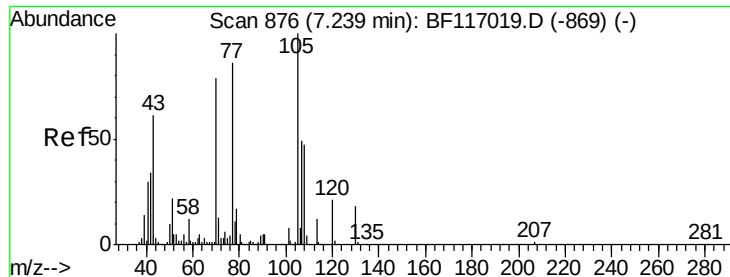
Delta R.T. -0.00 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

Tgt Ion:	117	Resp:	78501
Ion Ratio	Lower	Upper	
117	100		
119	97.6	75.8	113.8
201	83.4	60.9	91.3





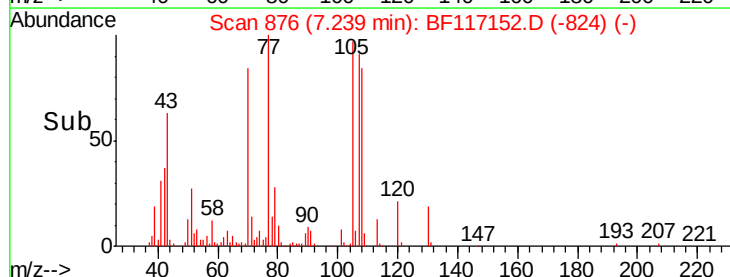
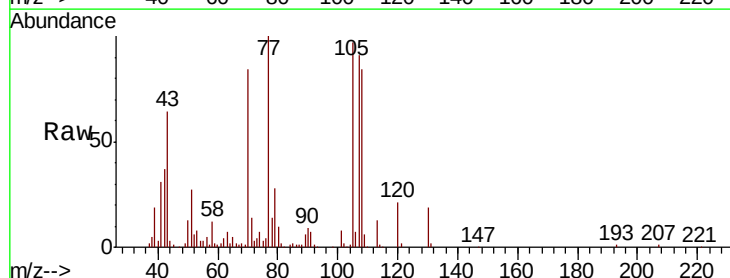
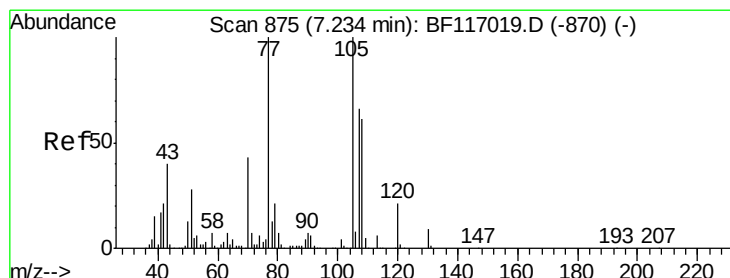
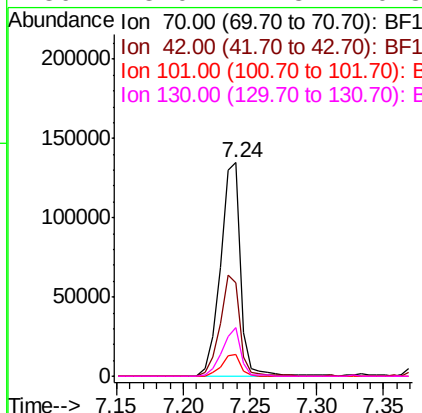
#19
n-Nitroso-di-n-propylamine
Concen: 45.214 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	43.7	34.0	51.0	
101	10.0	7.8	11.6	
130	23.0	17.8	26.8	

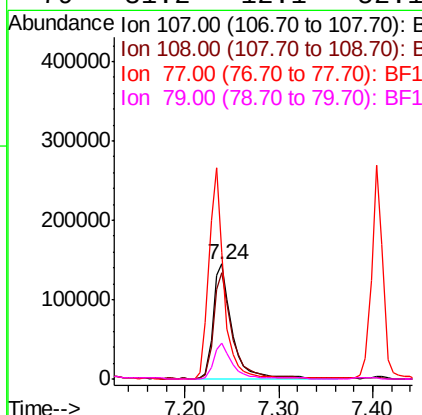
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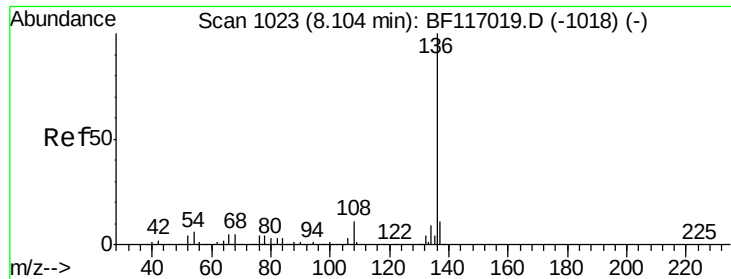
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#20
3+4-Methylphenols
Concen: 44.324 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.7	72.6	112.6	
77	110.5	132.1	172.1	
79	31.2	12.1	52.1	





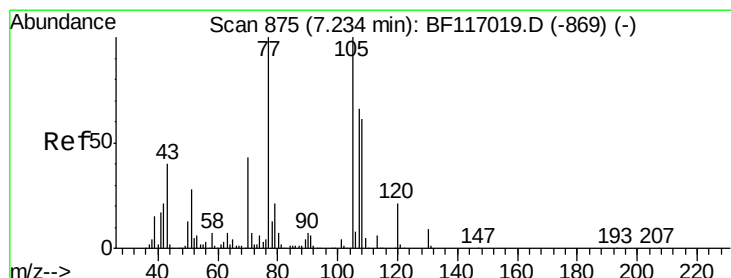
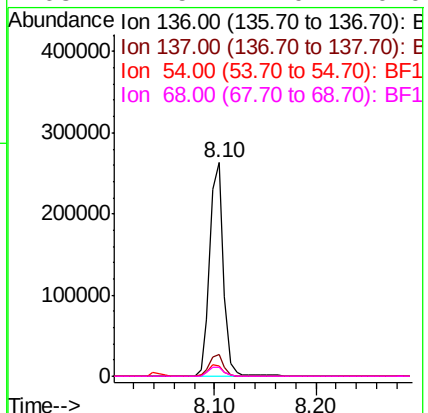
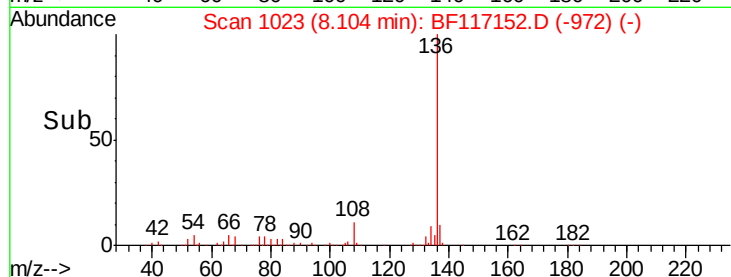
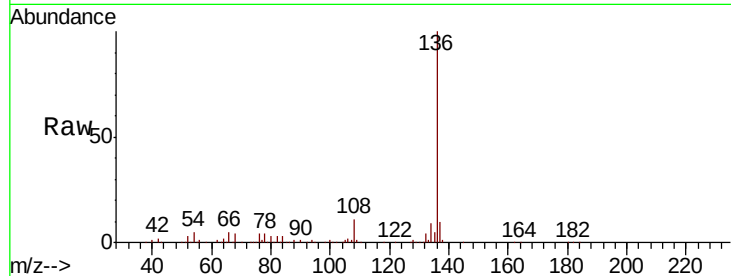
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	247981		
137	10.5	9.0	13.4	
54	4.7	4.5	6.7	
68	4.5	4.0	6.0	

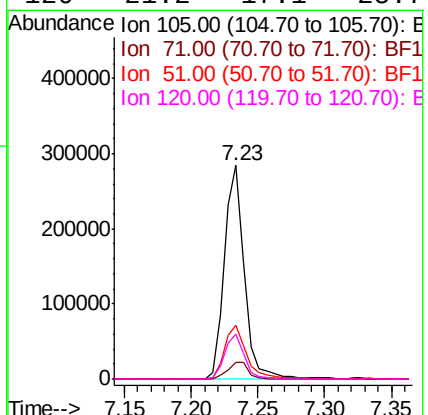
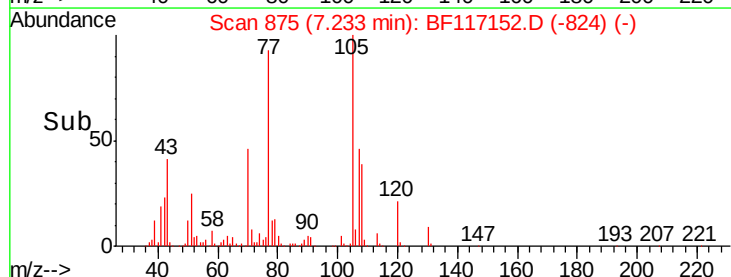
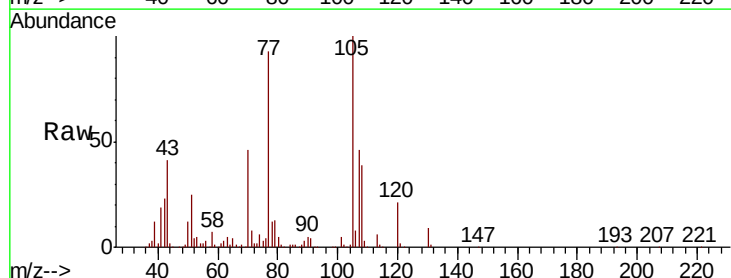
Manual Integrations
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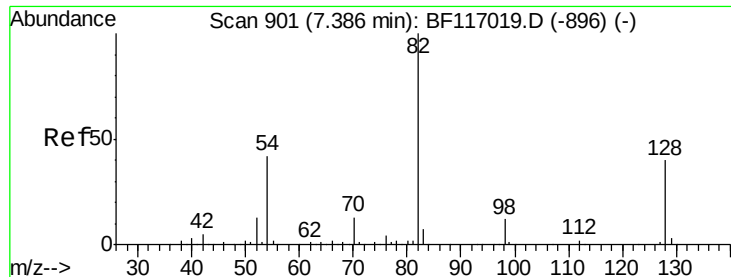
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#22
Acetophenone
Concen: 47.853 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	301496		
71	7.8	5.7	8.5	
51	25.1	22.1	33.1	
120	21.2	17.1	25.7	





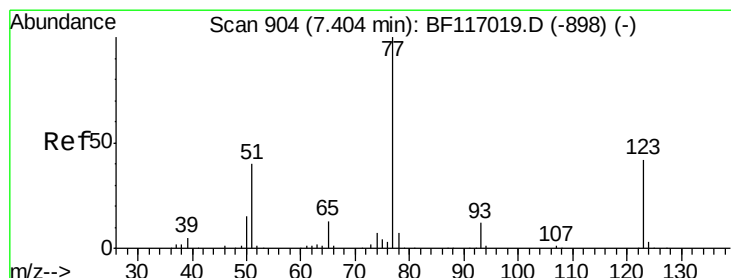
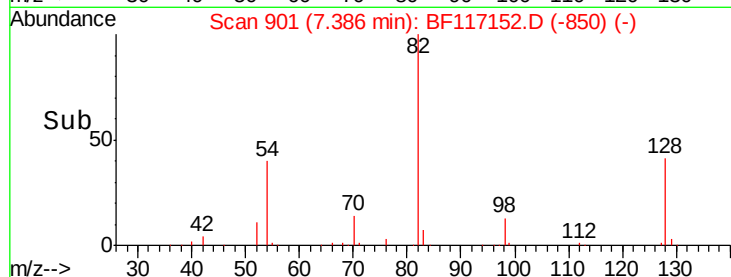
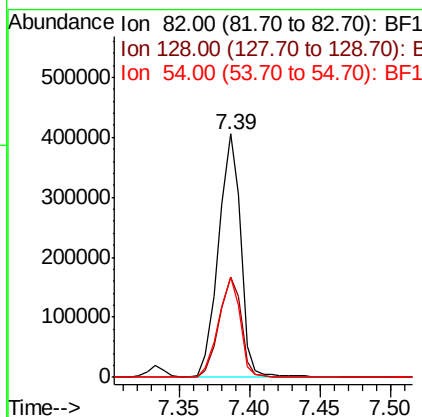
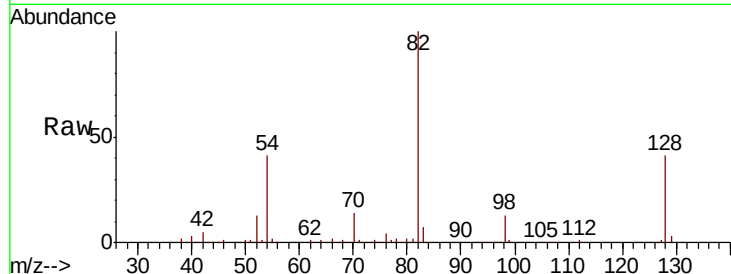
#23
 Nitrobenzene-d5
 Concen: 94.391 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-091619MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	445489		
128	41.1	32.3	48.5	
54	41.2	33.3	49.9	

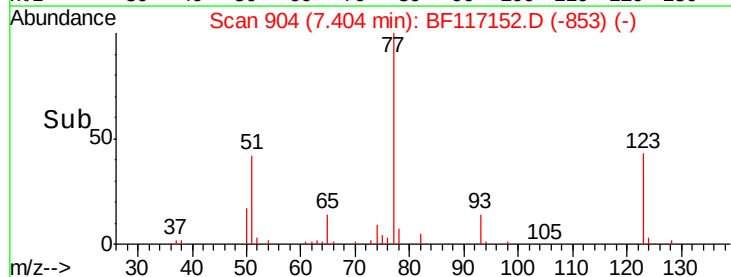
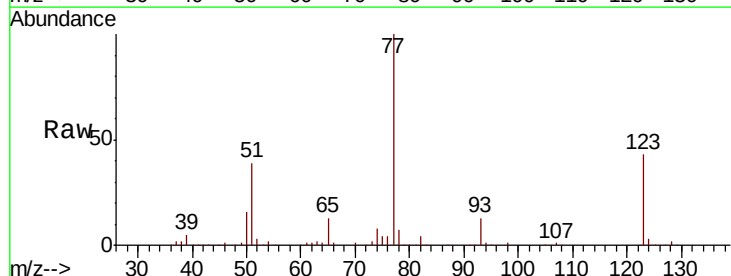
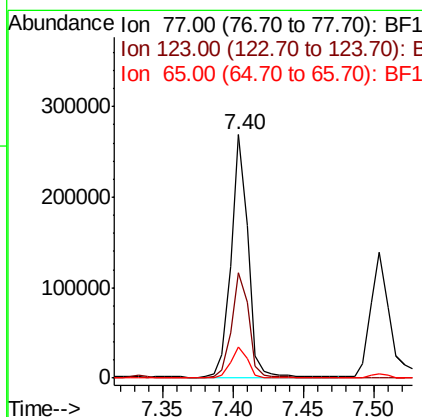
Manual Integrations
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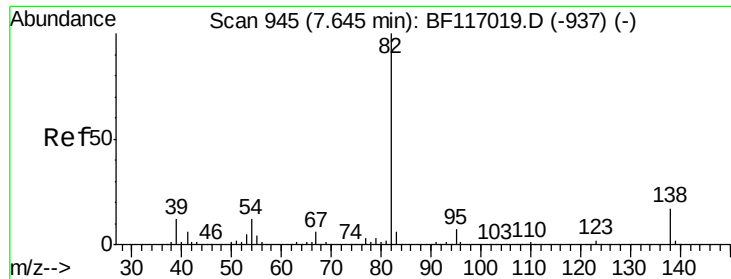
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#24
 Nitrobenzene
 Concen: 48.242 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	224845		
123	43.3	33.5	50.3	
65	12.9	10.5	15.7	





#25

Isophorone

Concen: 47.979 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

Instrument :

BNA_F

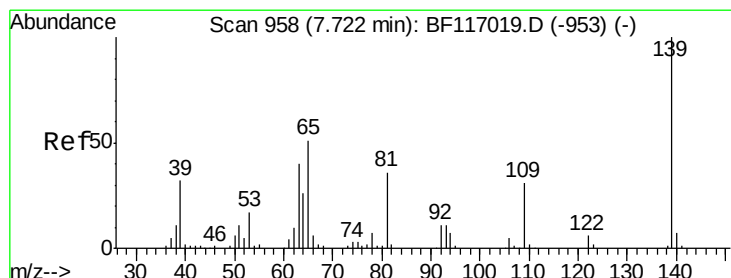
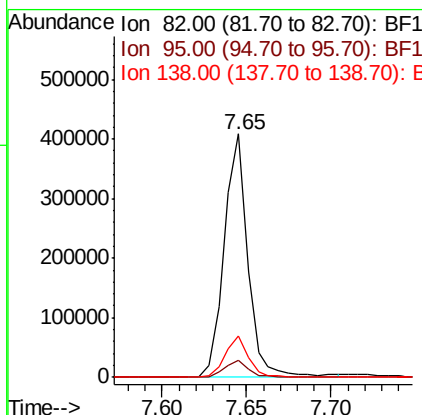
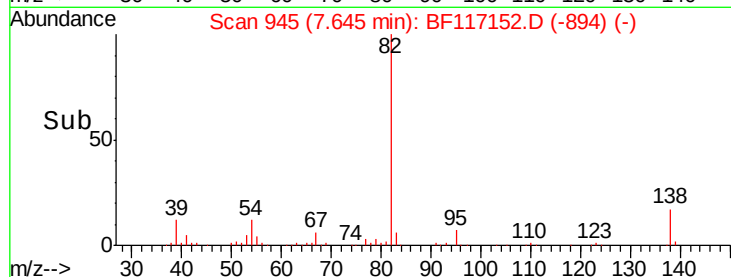
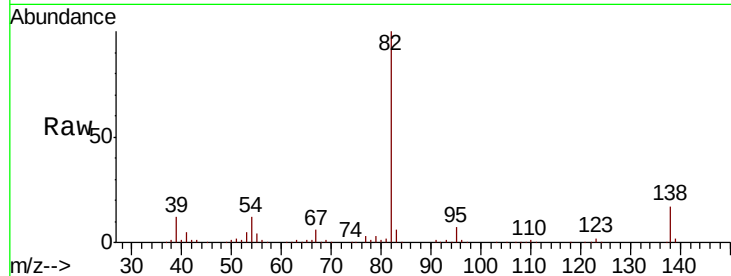
ClientSampleId :

PL-02-091619MSD

Tot Ion:	82	Resp:	400935
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.8	8.6
138	17.0	13.5	20.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 52.590 ng

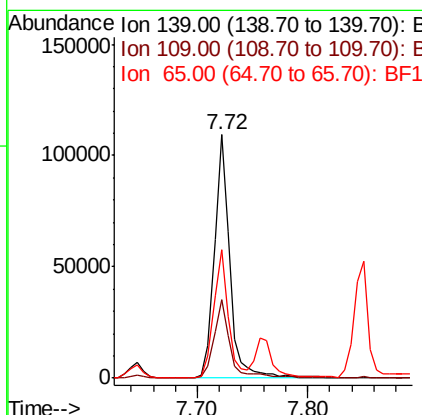
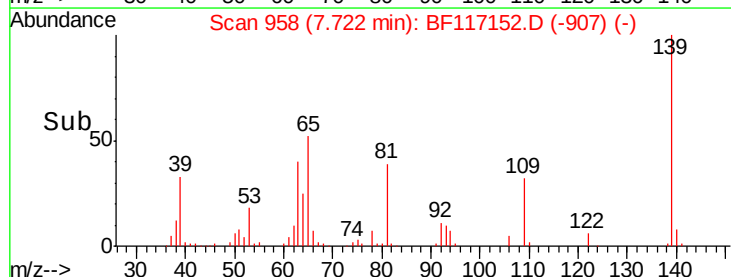
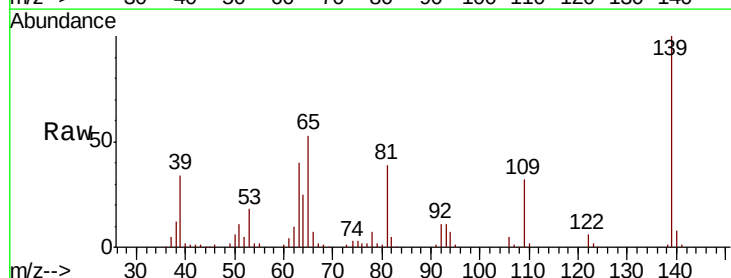
RT: 7.72 min Scan# 958

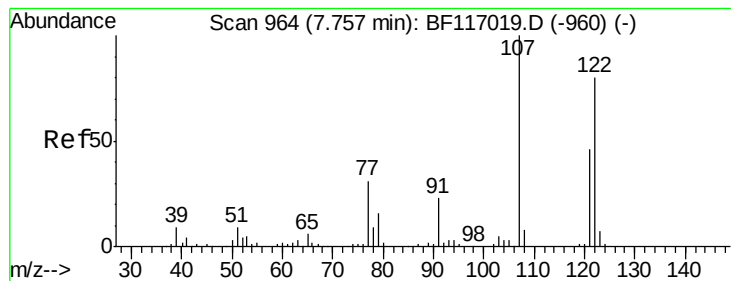
Delta R.T. -0.00 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

Tgt Ion:	139	Resp:	105284
Ion Ratio	Lower	Upper	
139	100		
109	32.2	24.6	36.8
65	53.0	40.9	61.3





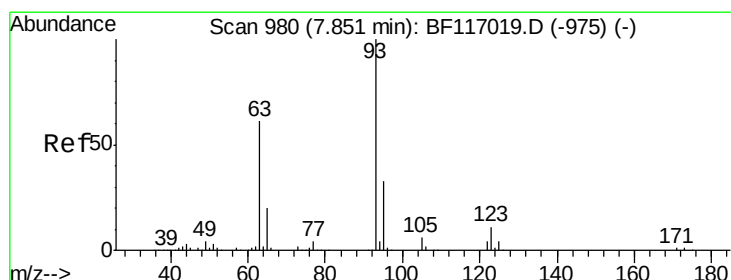
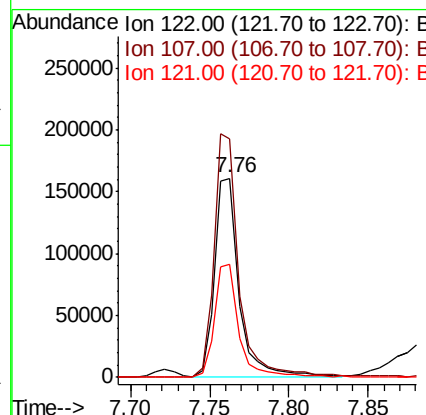
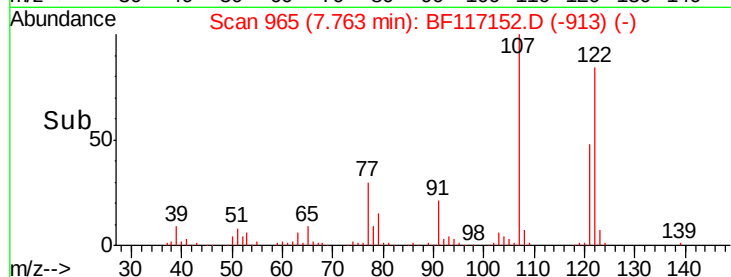
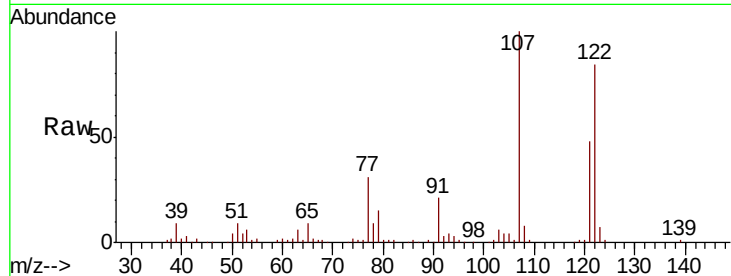
#27
2,4-Dimethylphenol
Concen: 54.372 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	172617		
107	119.6	98.9	148.3	
121	56.9	45.3	67.9	

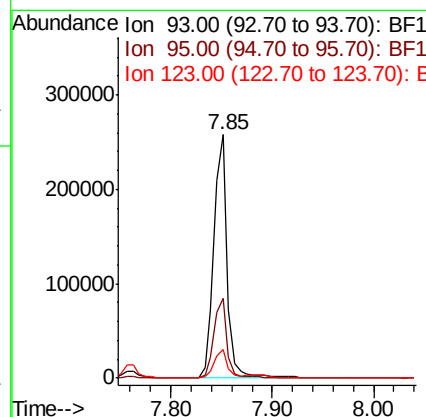
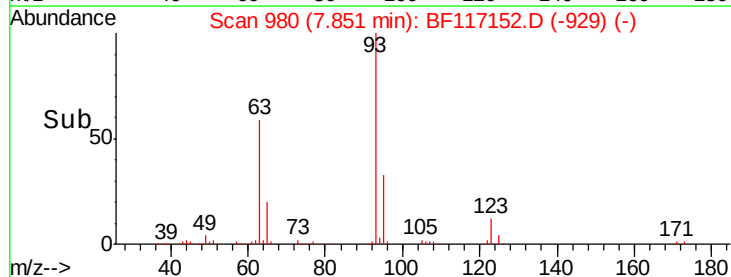
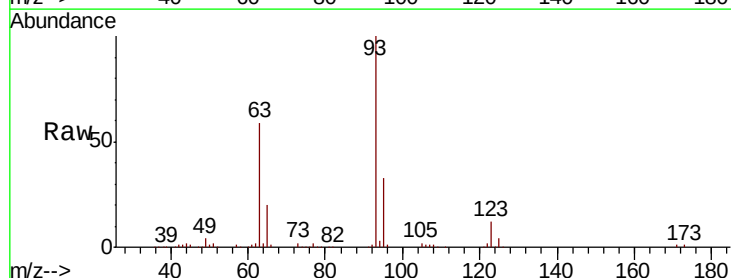
Manual Integrations
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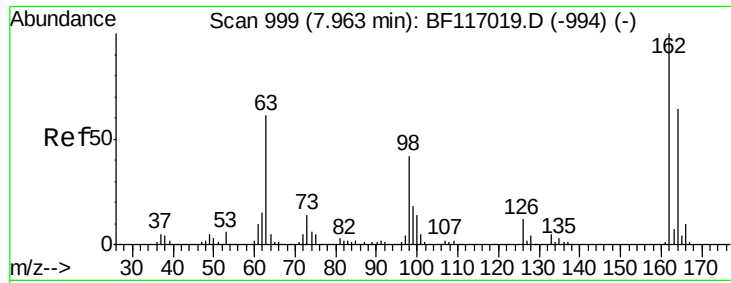
Jagrut
9/19/2019 10:42:13 AM



#28
bis(2-Chloroethoxy)methane
Concen: 46.431 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	239051		
95	32.6	26.2	39.4	
123	11.7	9.0	13.6	





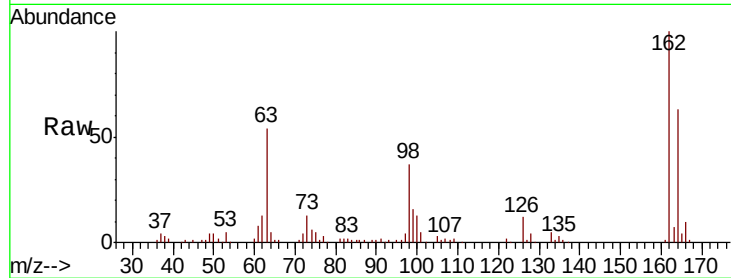
#29
2,4-Dichlorophenol
Concen: 49.059 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	163196		
164	63.3	43.8	83.8	
98	36.9	22.1	62.1	

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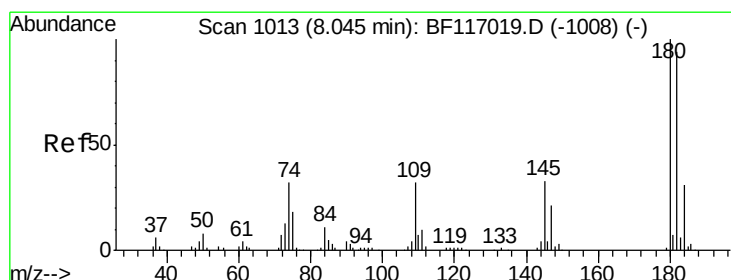
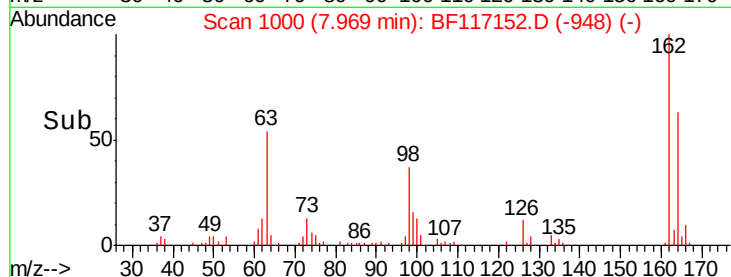
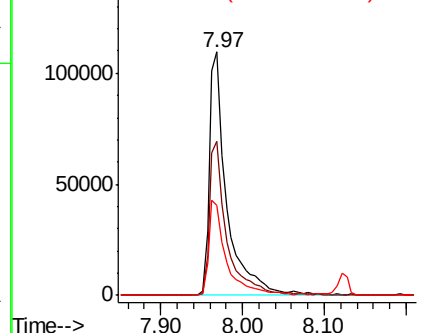


Abundance

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: 45.326 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

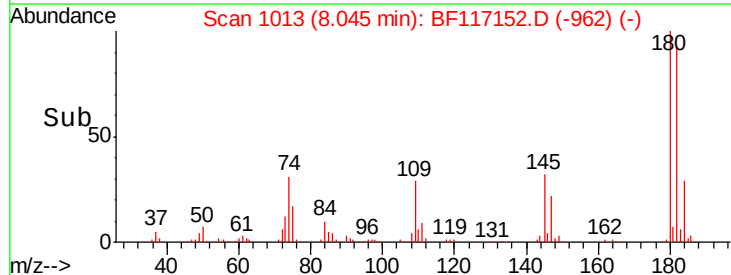
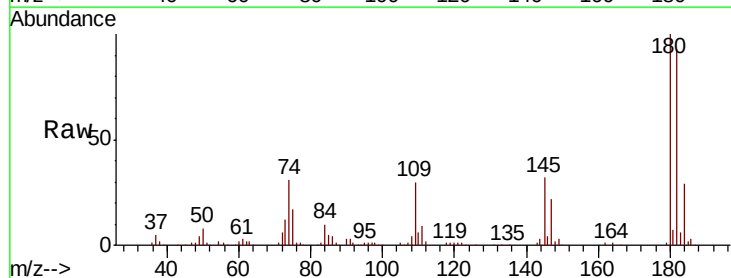
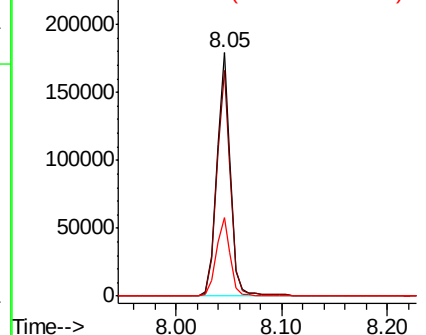
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	162898		
182	92.8	75.4	113.0	
145	32.1	26.7	40.1	

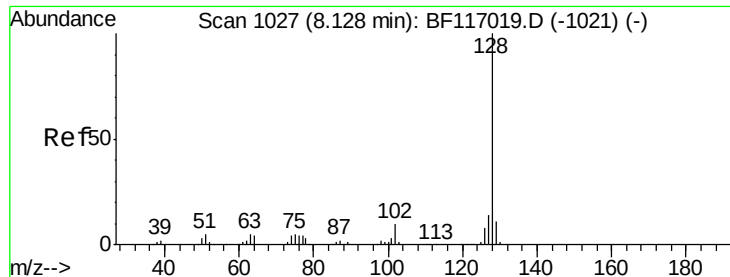
Abundance

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





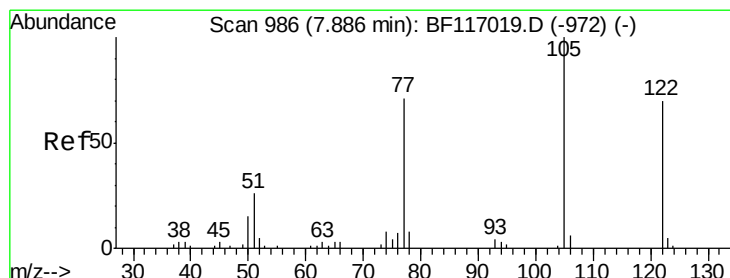
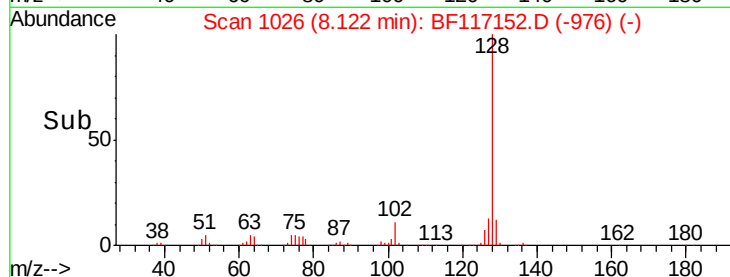
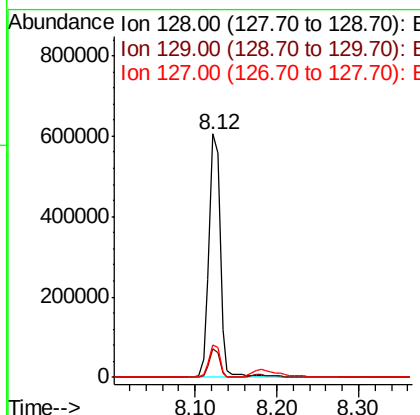
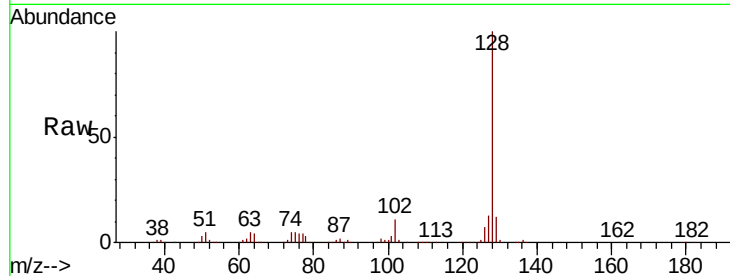
#31
Naphthalene
Concen: 48.916 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	583389		
129	11.6		9.0	13.4
127	13.4		10.8	16.2

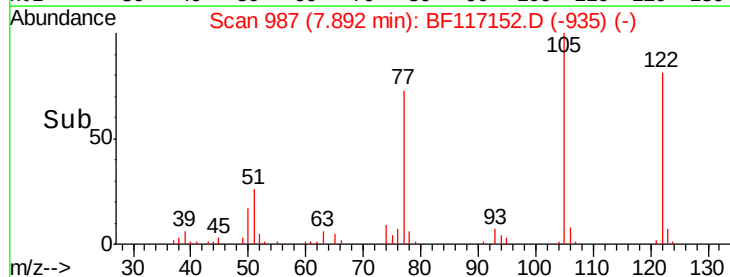
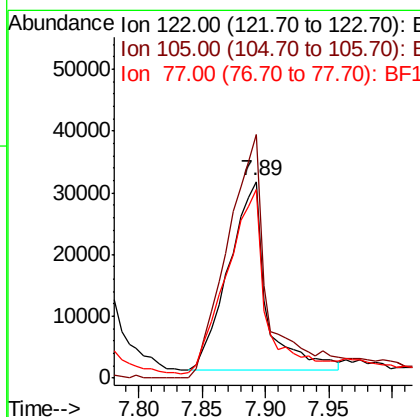
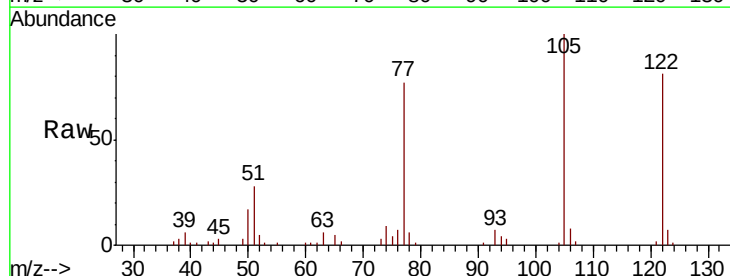
Manual Integrations
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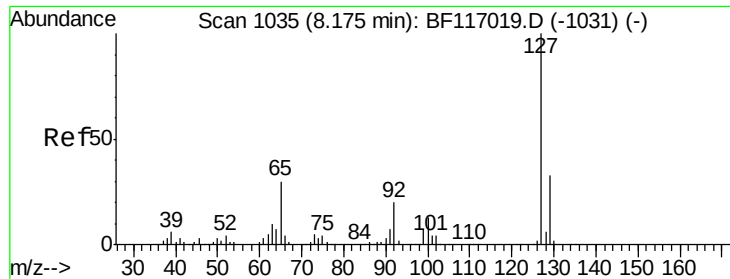
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#32
Benzoic acid
Concen: 29.222 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	62883		
105	123.8		114.8	154.8
77	95.6		78.7	118.7





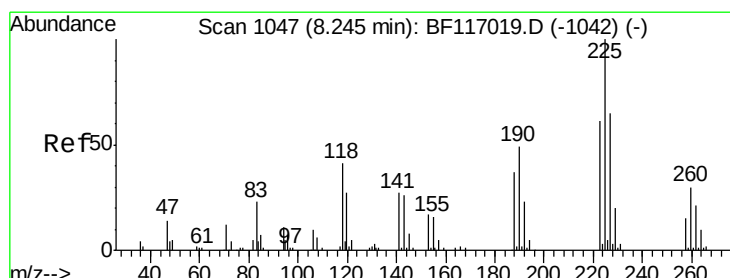
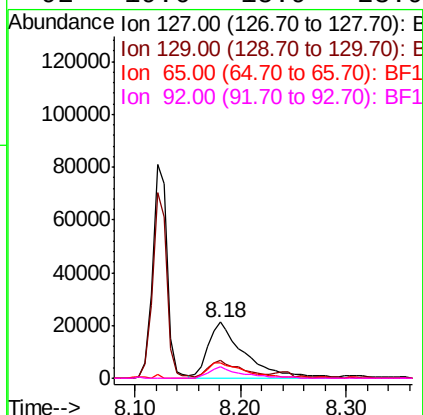
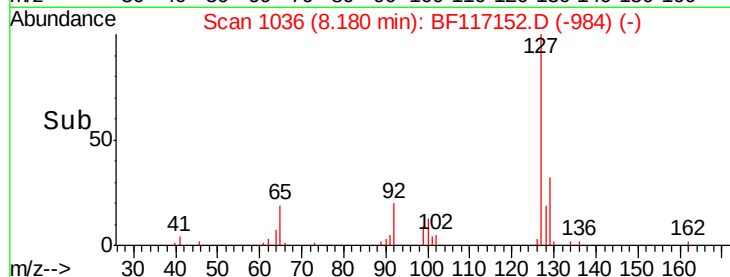
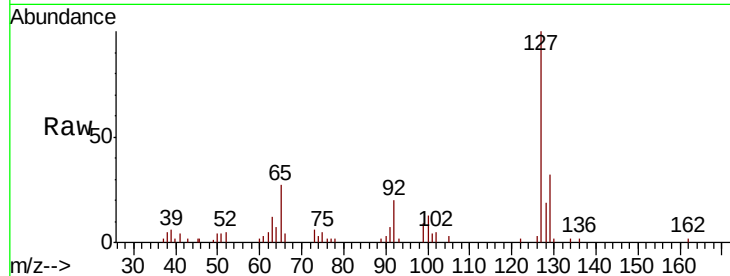
#33
4-Chloroaniline
Concen: 9.805 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	27.1	23.5	35.3
92	19.6	15.9	23.9

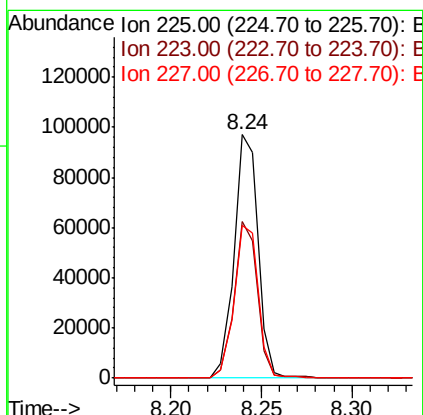
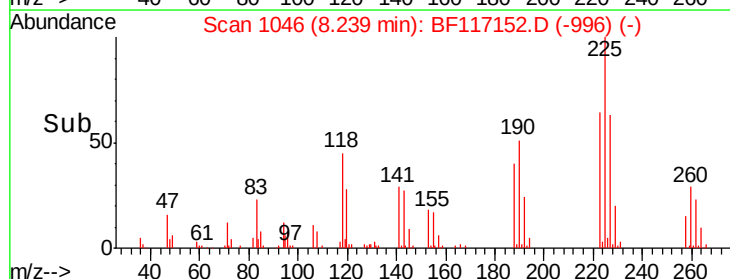
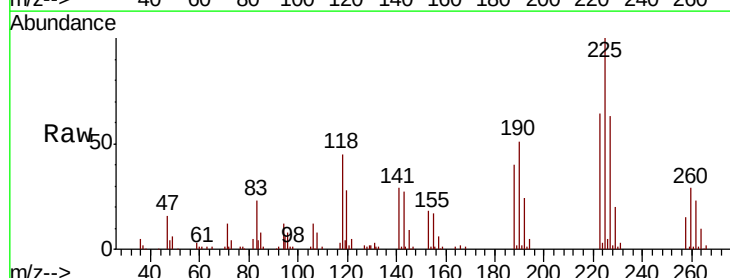
Manual Integrations
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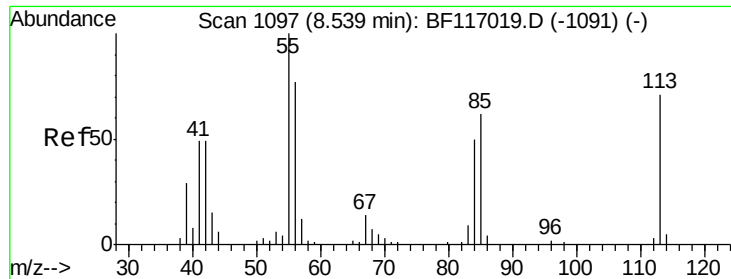
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#34
Hexachlorobutadiene
Concen: 43.846 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.1	73.7
227	62.8	52.2	78.2





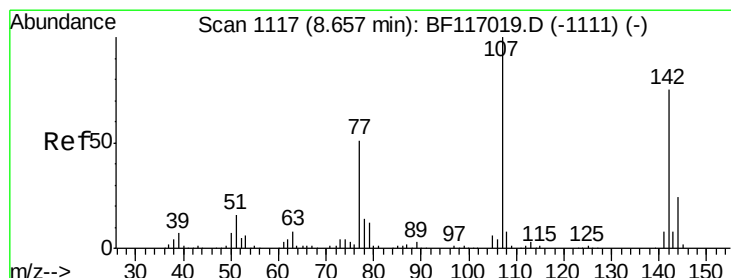
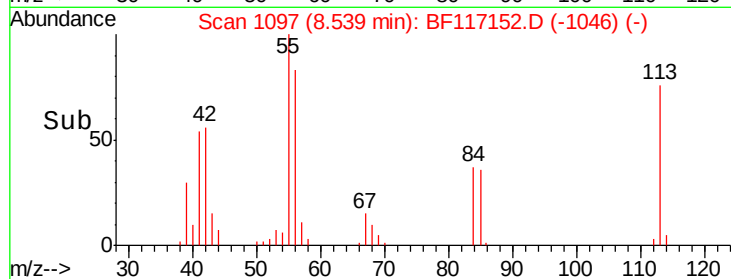
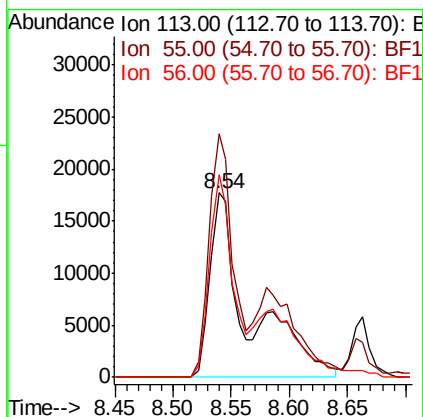
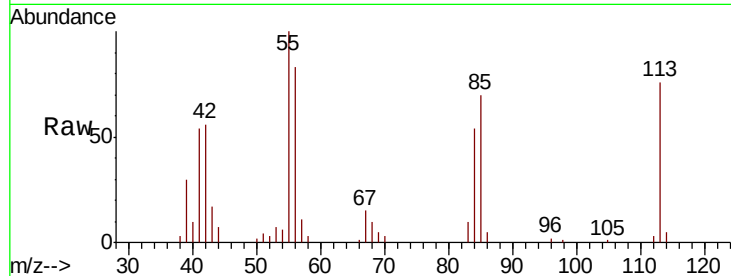
#35
 Caprolactam
 Concen: 36.368 ng/ml
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.00 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-091619MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	131.9	120.6	160.6		
56	109.8	88.8	128.8		

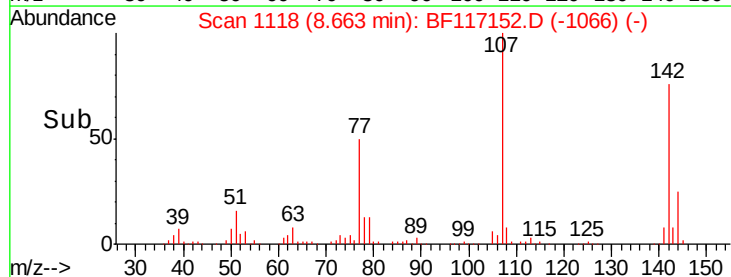
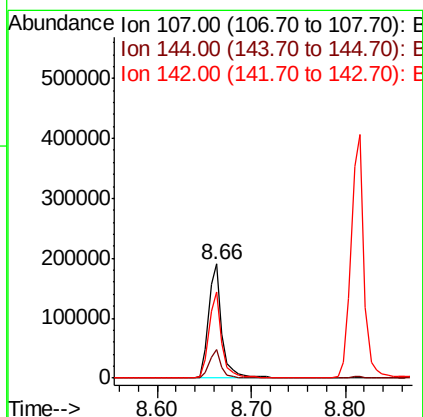
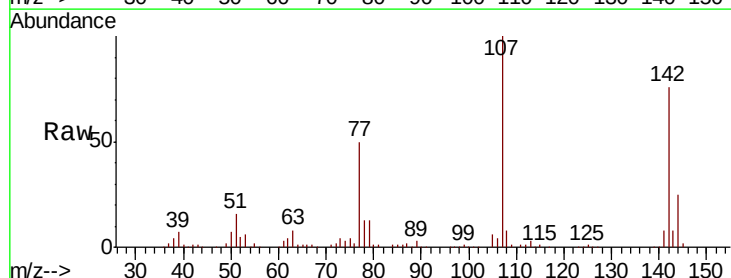
Manual Integrations
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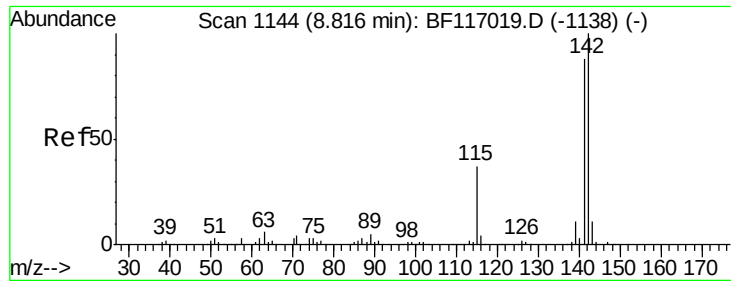
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#36
 4-Chloro-3-methylphenol
 Concen: 49.107 ng/ml
 RT: 8.66 min Scan# 1118
 Delta R.T. 0.01 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	24.9	19.2	28.8		
142	75.5	59.6	89.4		





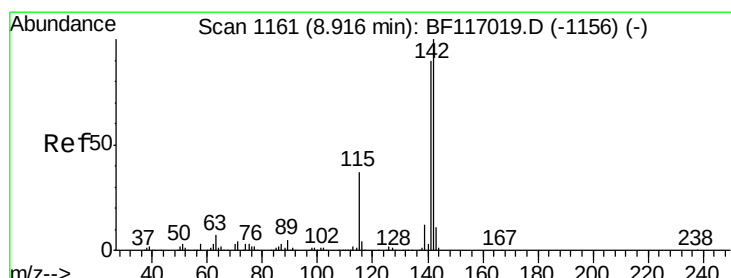
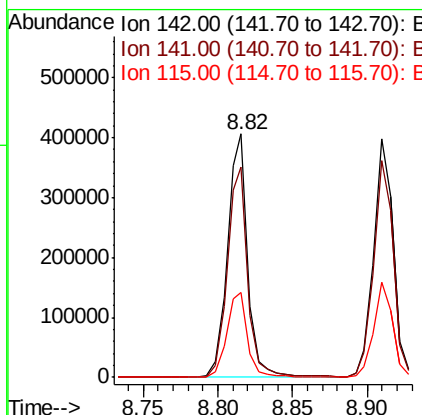
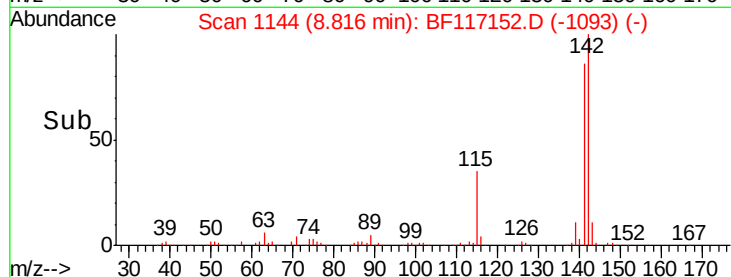
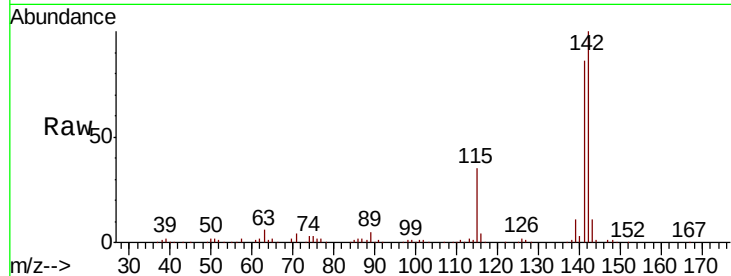
#37
2-Methylnaphthalene
Concen: 48.332 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.2	70.7	106.1
115	34.8	29.4	44.0

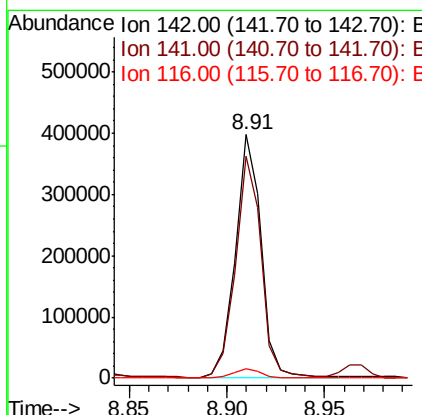
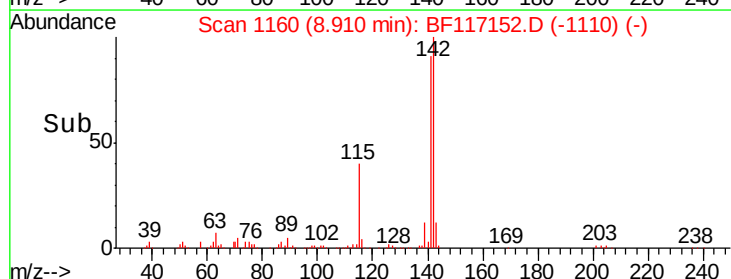
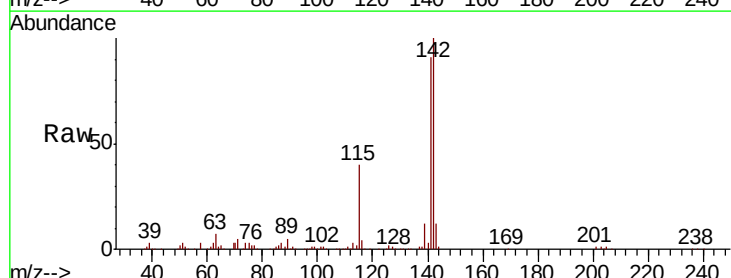
Manual Integrations
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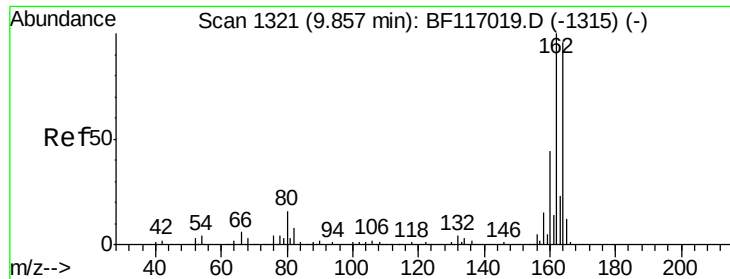
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#38
1-Methylnaphthalene
Concen: 47.553 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.9	107.9
116	3.9	3.2	4.8





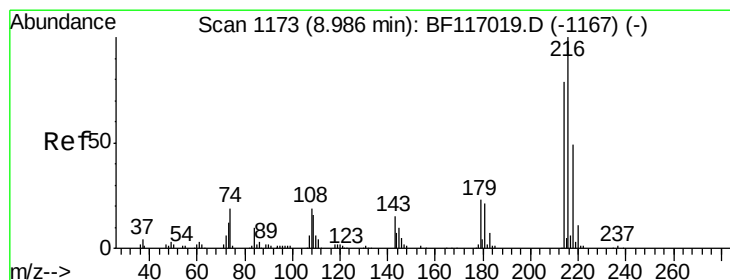
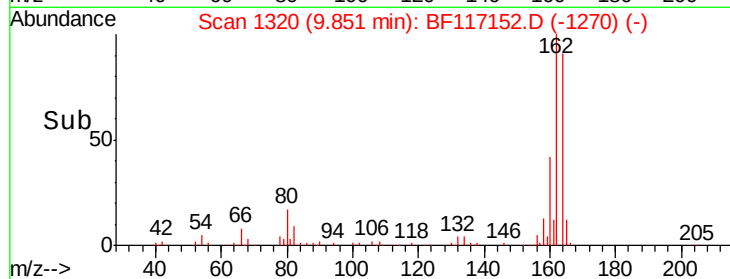
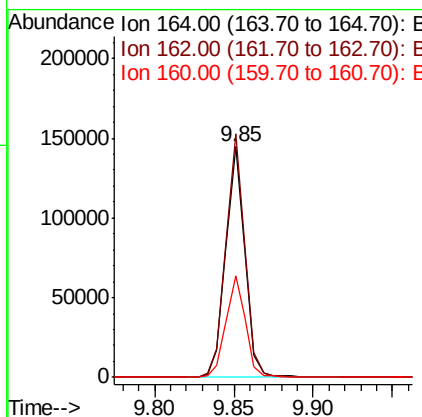
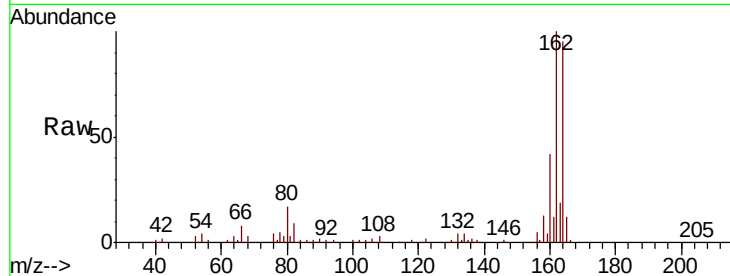
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.6	83.4	125.2	
160	44.3	36.4	54.6	

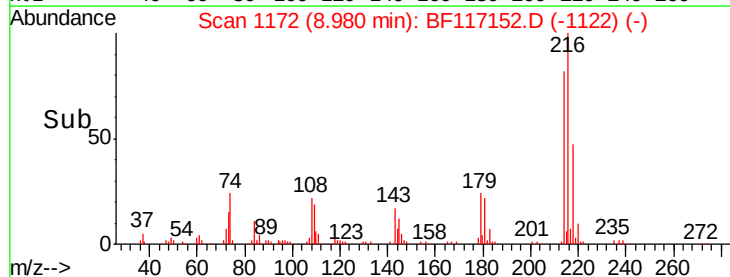
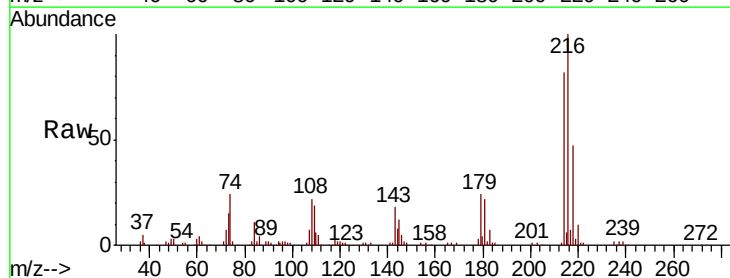
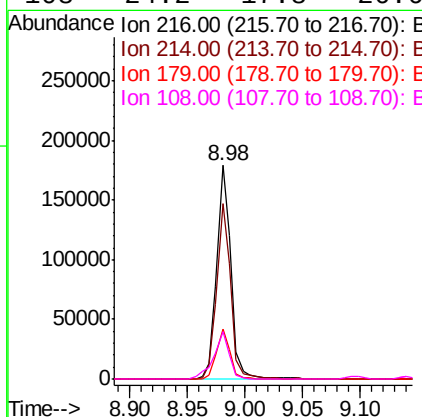
Manual Integrations
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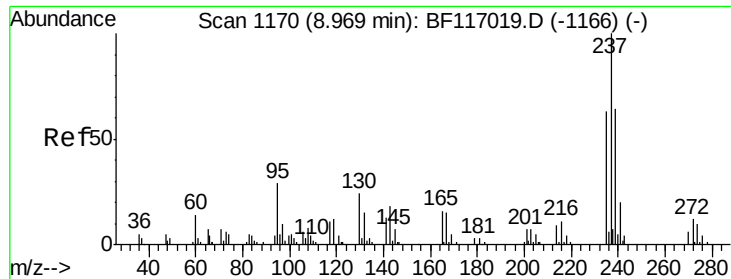
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.036 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.4	63.6	95.4	
179	22.9	18.3	27.5	
108	24.2	17.8	26.6	





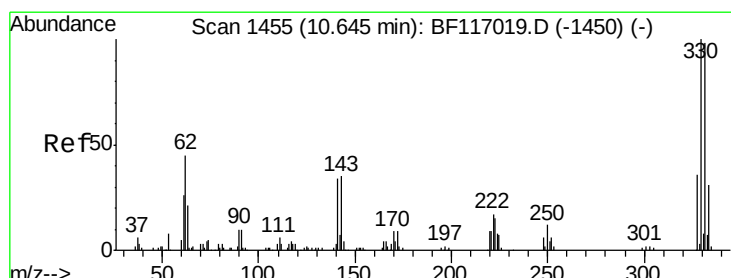
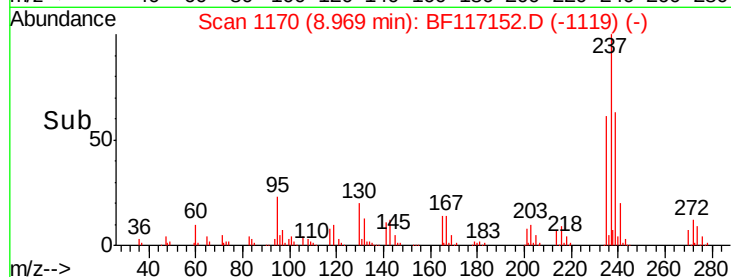
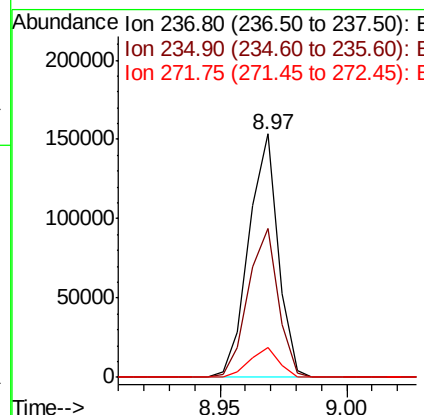
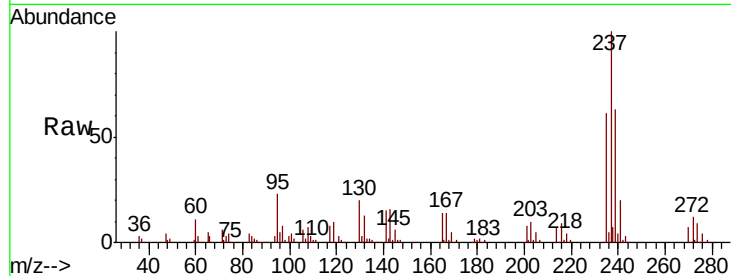
#41
Hexachlorocyclopentadiene
Concen: 88.752 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	61.3	43.2	83.2
272	12.5	0.0	31.9

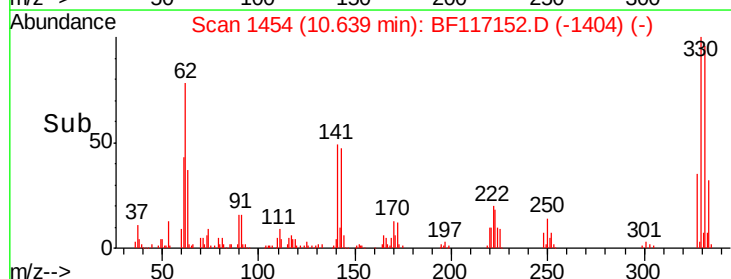
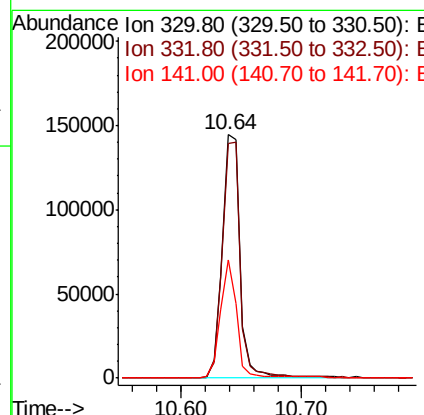
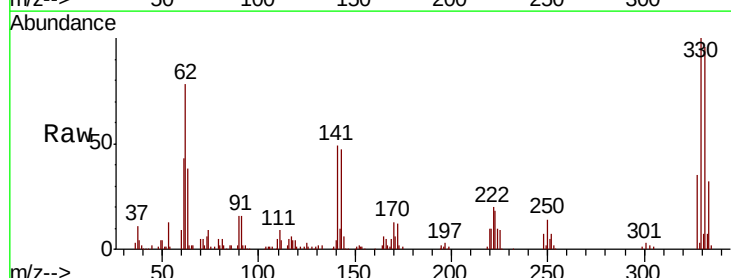
Manual Integrations
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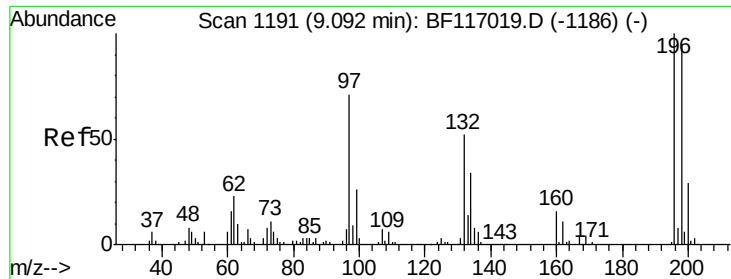
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#42
2,4,6-Tribromophenol
Concen: 145.543 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.6	78.0	117.0
141	43.4	35.8	53.6





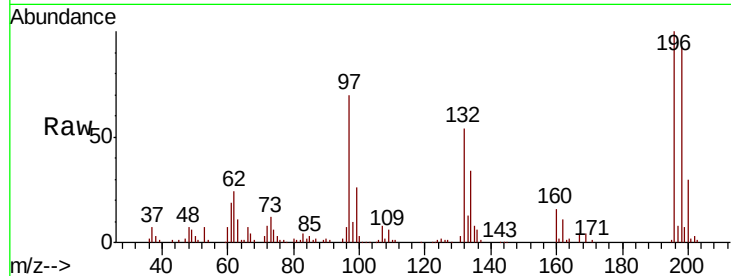
#43
 2,4,6-Trichlorophenol
 Concen: 49.375 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-091619MSD

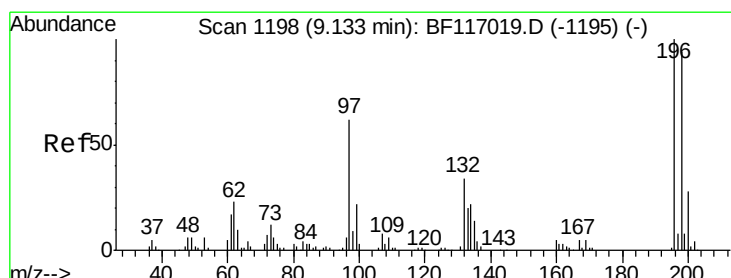
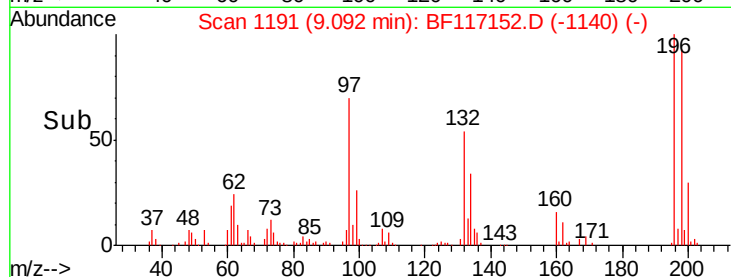
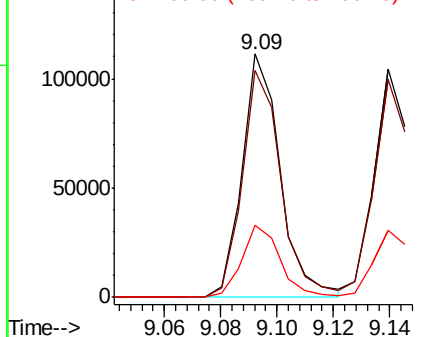
Tot Ion:	196	Resp:	104733
Ion Ratio	Lower	Upper	
196	100		
198	93.3	75.7	113.5
200	29.5	23.3	34.9

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 9/19/2019 10:42:13 AM



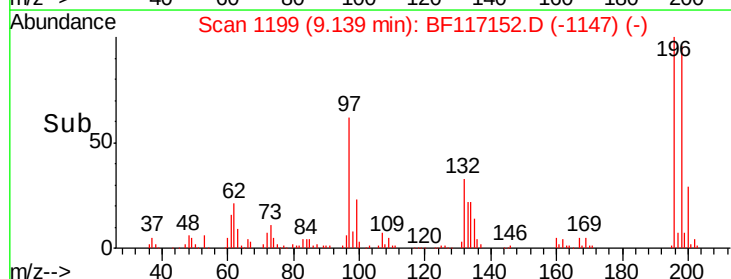
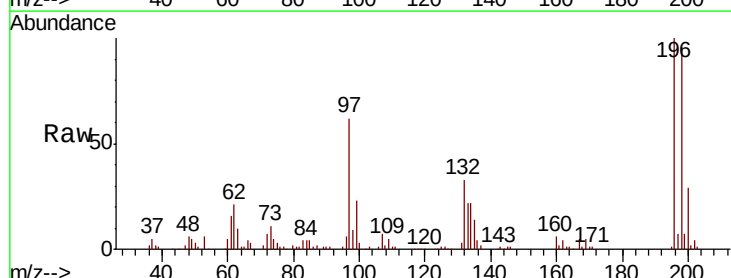
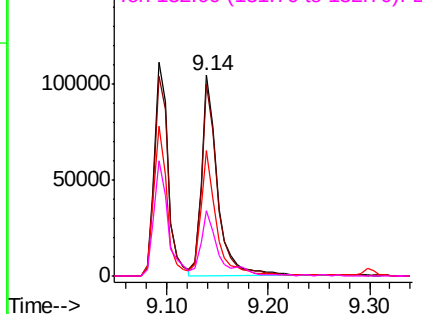
Abundance Ion 196.00 (195.70 to 196.70): E
 150000 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

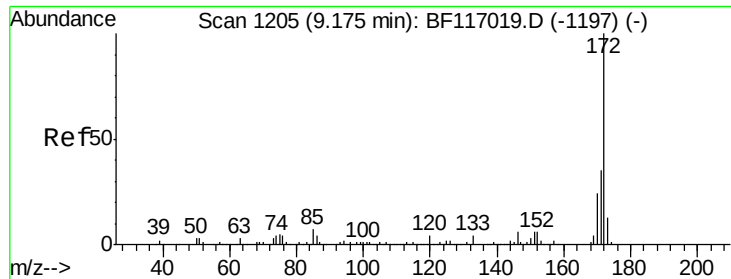


#44
 2,4,5-Trichlorophenol
 Concen: 50.397 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

Tgt Ion:	196	Resp:	114213
Ion Ratio	Lower	Upper	
196	100		
198	95.5	74.6	112.0
97	62.3	49.5	74.3
132	32.6	27.4	41.2

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





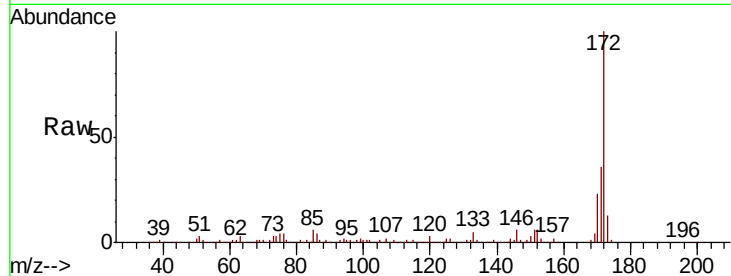
#45
2-Fluorobiphenyl
Concen: 95.175 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MSD

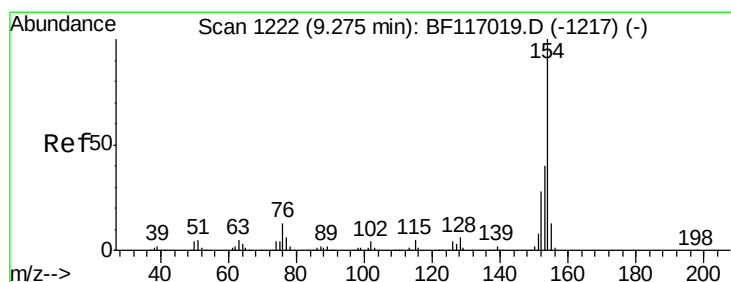
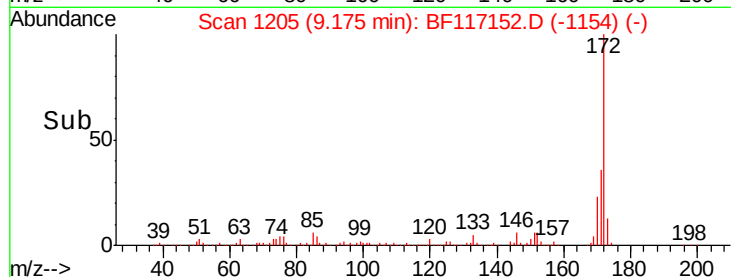
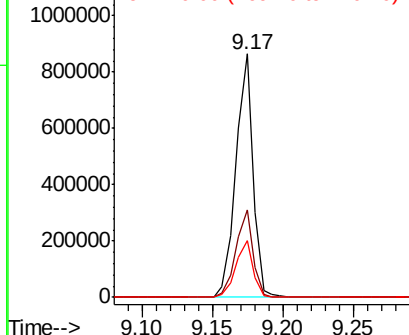
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.2
170	23.5	18.9	28.3

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9/19/2019 10:42:13 AM



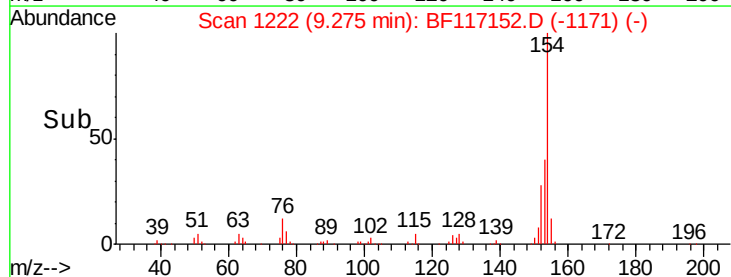
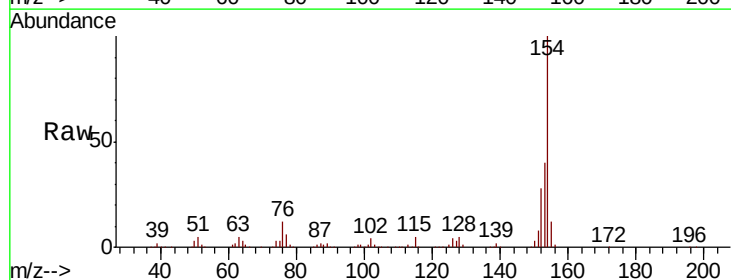
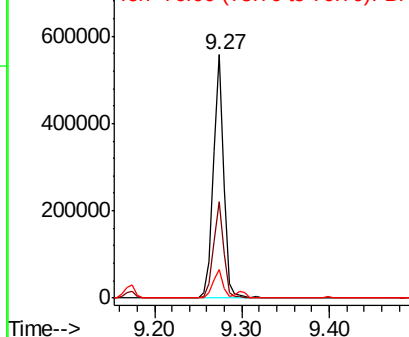
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

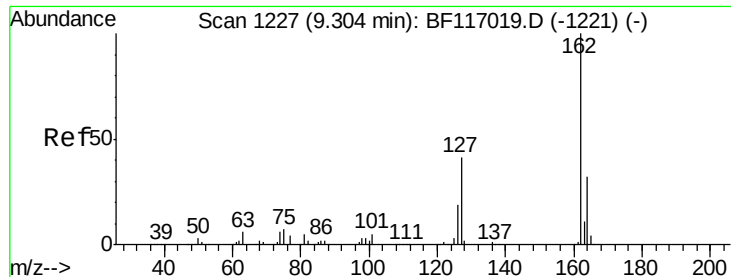


#46
1,1'-Biphenyl
Concen: 48.567 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.0	60.0
76	11.8	0.0	32.7

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





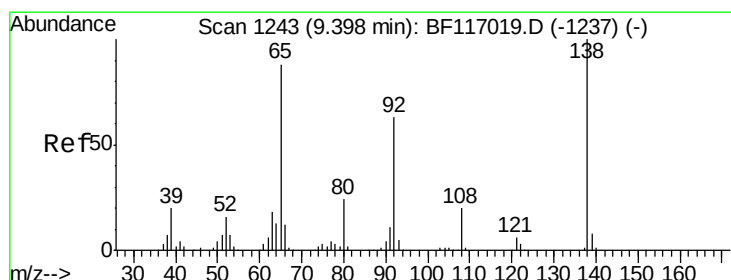
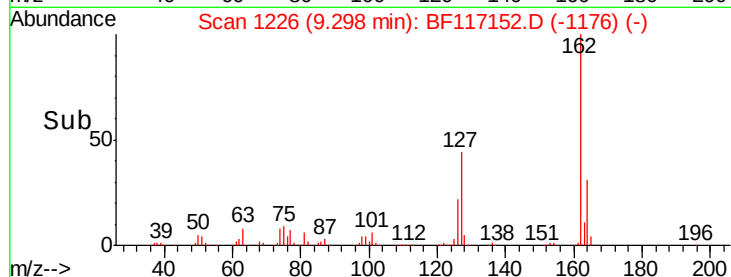
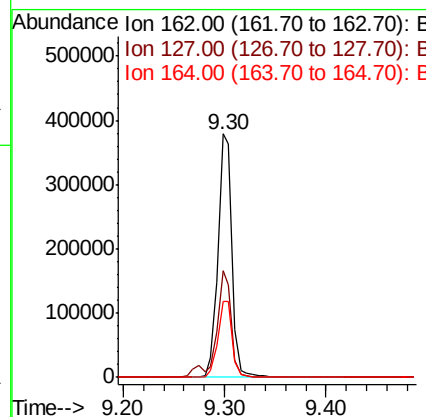
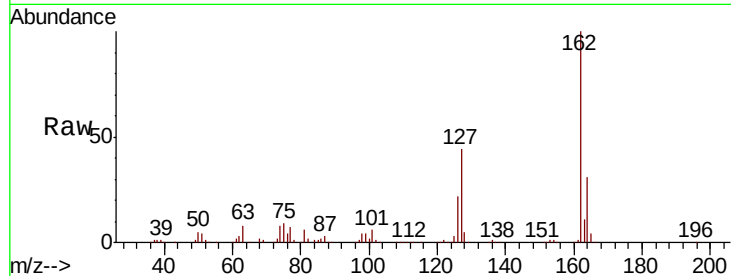
#47
2-Chloronaphthalene
Concen: 48.681 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	364783		
127	43.7		34.1	51.1
164	31.3		25.9	38.9

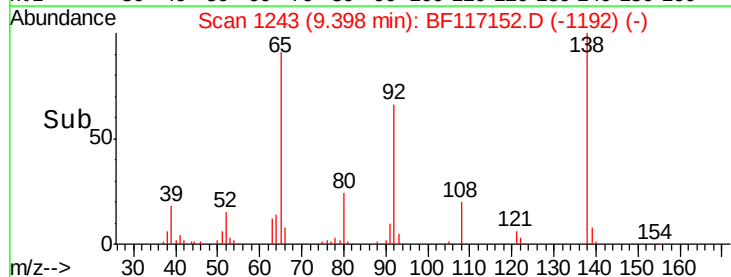
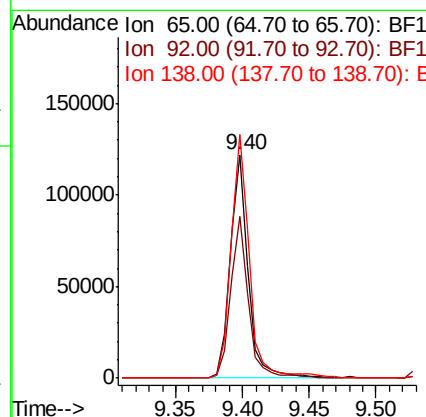
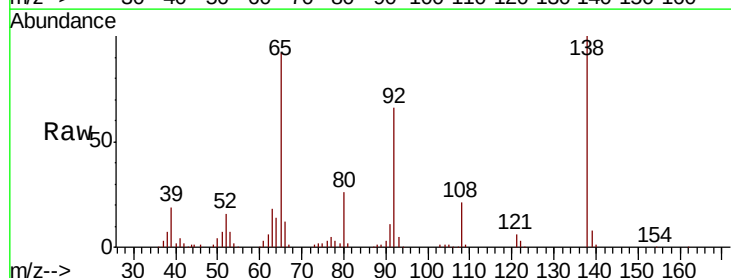
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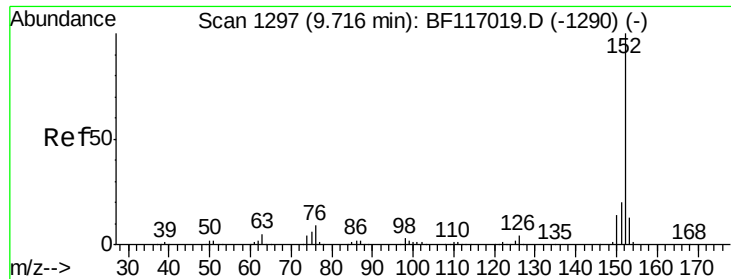
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9/19/2019 10:42:13 AM



#48
2-Nitroaniline
Concen: 48.445 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	116436		
92	72.4		57.5	86.3
138	109.1		90.6	136.0





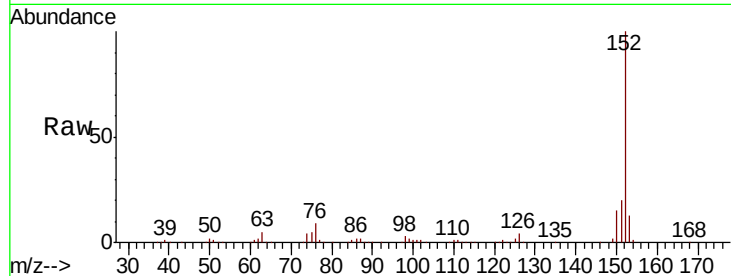
#49
Acenaphthylene
Concen: 51.200 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MSD

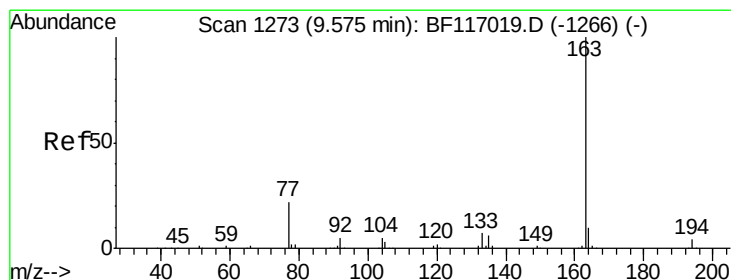
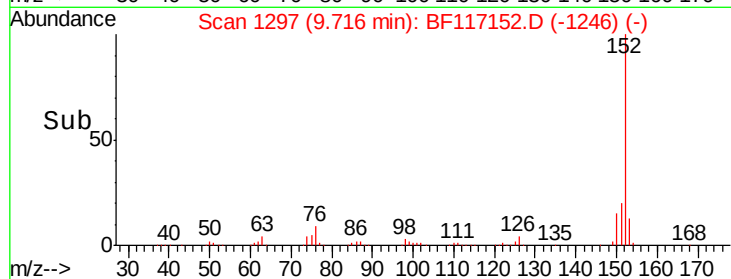
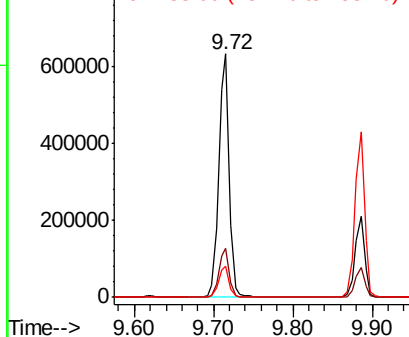
Tot Ion:	152	Resp:	574734
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.2	24.2
153	12.9	10.2	15.4

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9/19/2019 10:42:13 AM

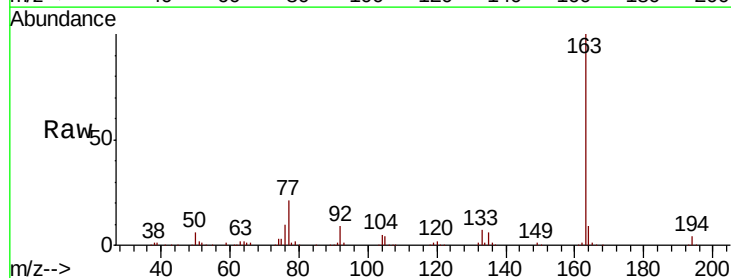


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

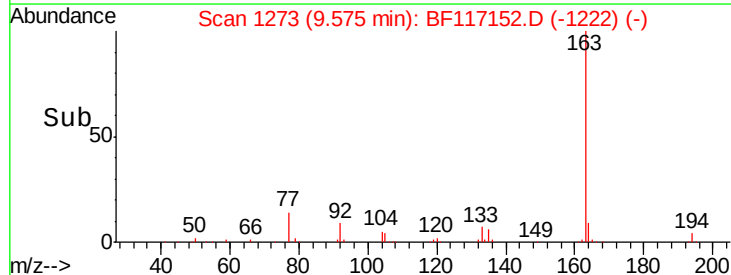
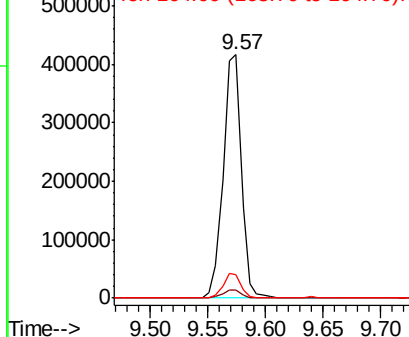


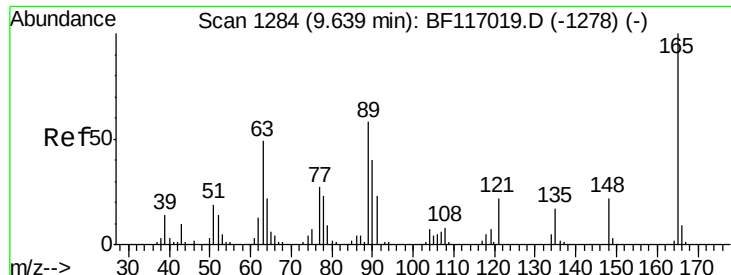
#50
Dimethylphthalate
Concen: 53.171 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion:	163	Resp:	455703
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.9	4.3
164	9.4	8.2	12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 52.073 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

Instrument :

BNA_F

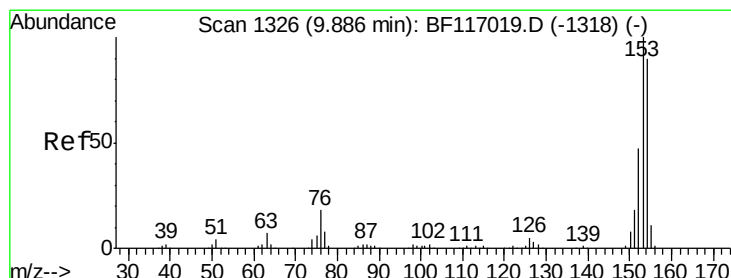
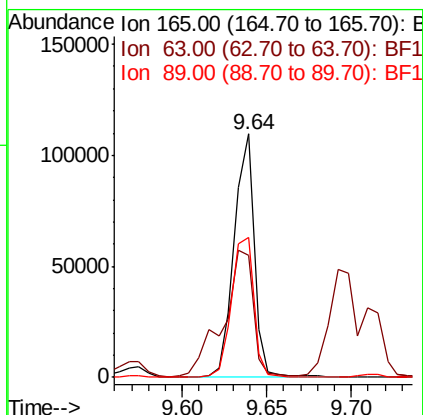
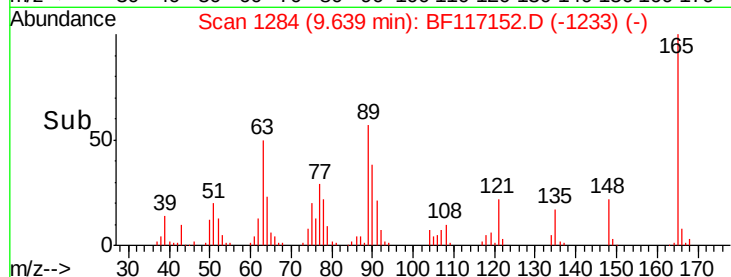
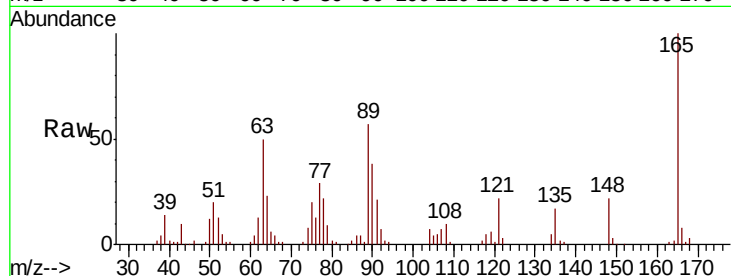
ClientSampleId :

PL-02-091619MSD

Tot Ion:	165	Resp:	90894
Ion Ratio	Lower	Upper	
165	100		
63	50.2	41.8	62.8
89	57.4	46.5	69.7

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#52

Acenaphthene

Concen: 48.640 ng

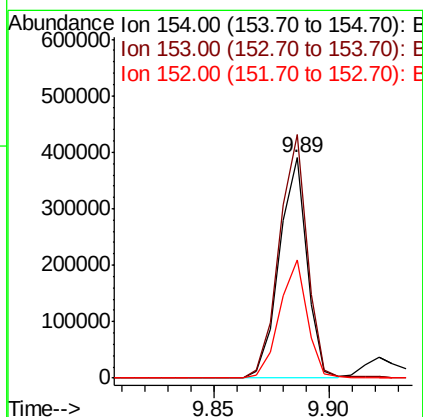
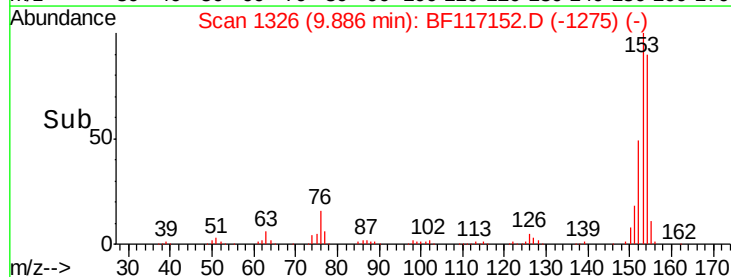
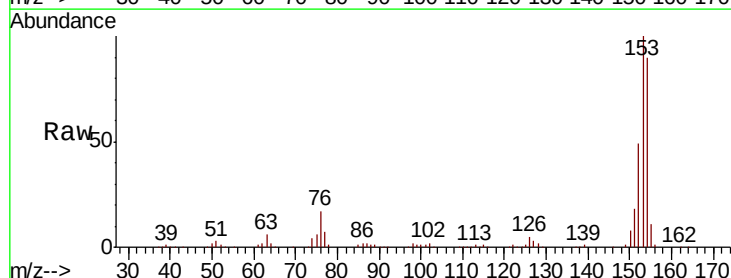
RT: 9.89 min Scan# 1326

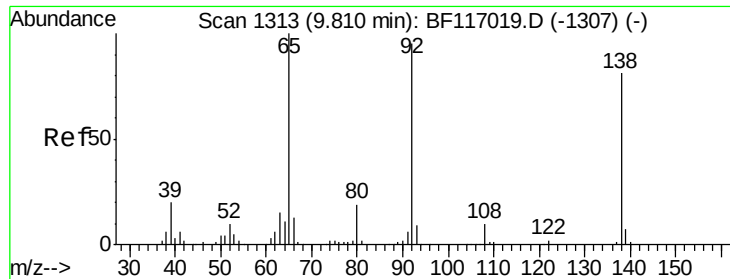
Delta R.T. -0.00 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

Tgt Ion:	154	Resp:	323658
Ion Ratio	Lower	Upper	
154	100		
153	110.6	89.0	133.6
152	53.9	41.9	62.9





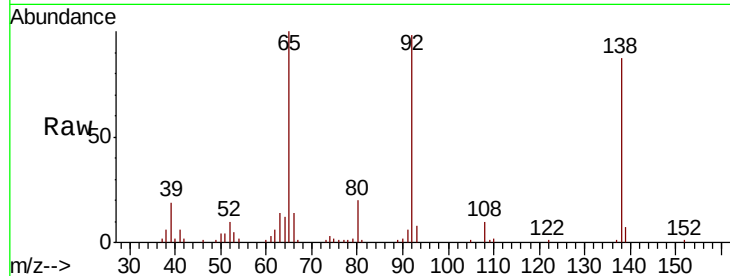
#53
3-Nitroaniline
Concen: 23.923 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.9	9.5	14.3
92	112.2	94.1	141.1

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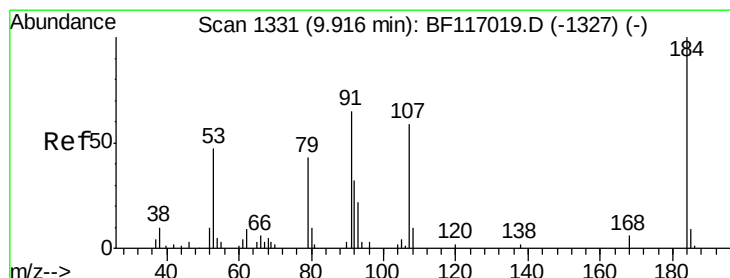
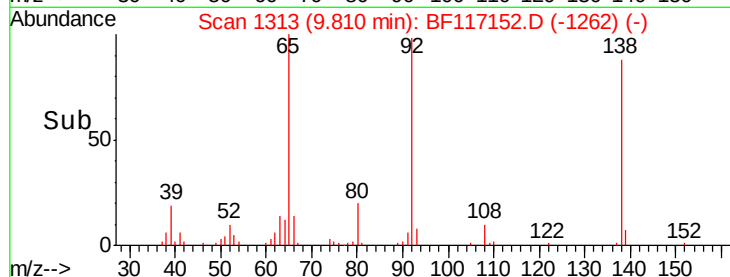
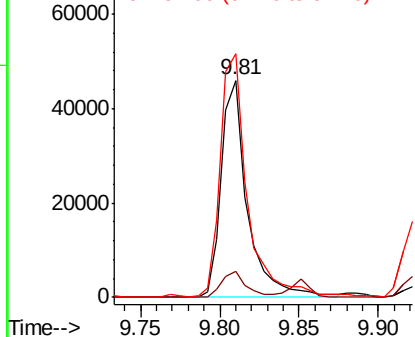


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 88.320 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

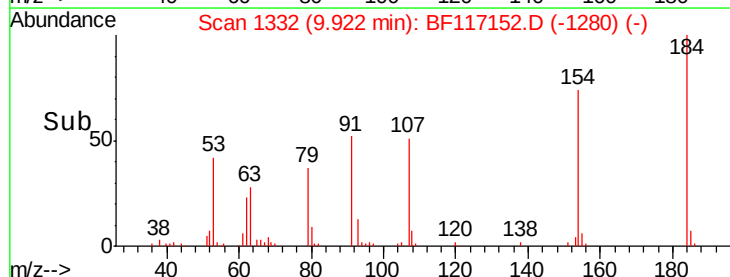
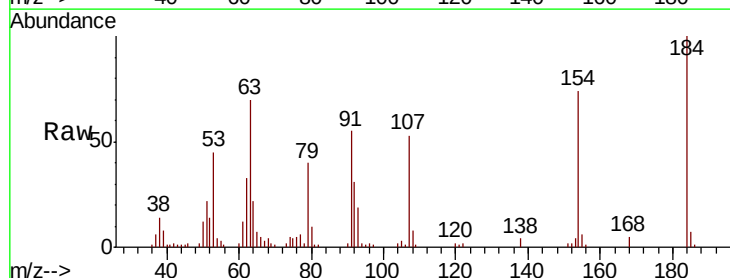
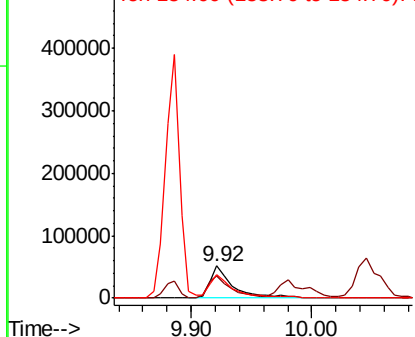
Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.6	63.8	95.6
154	73.7	60.4	90.6

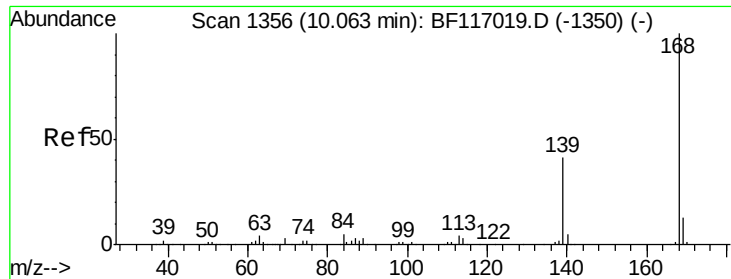
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





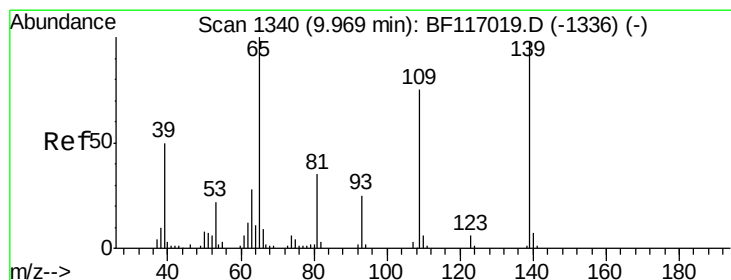
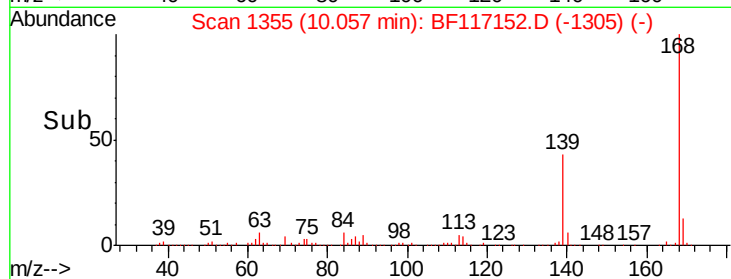
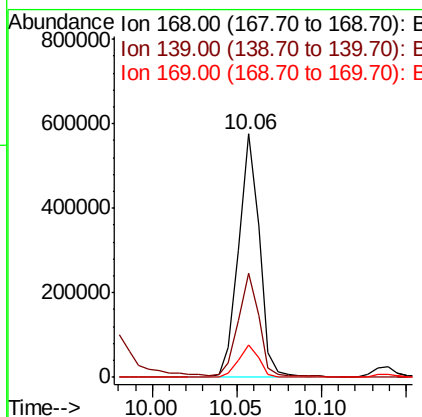
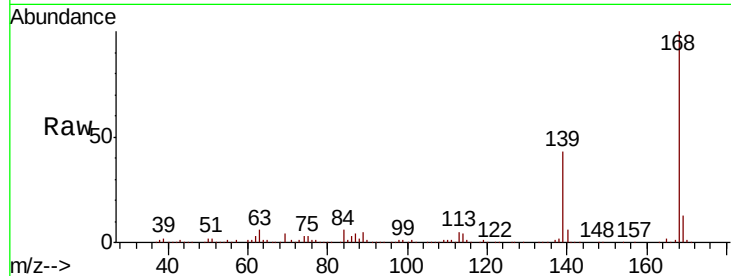
#55
Dibenzenofuran
Concen: 50.407 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	42.6		32.8	49.2
169	13.3		10.5	15.7

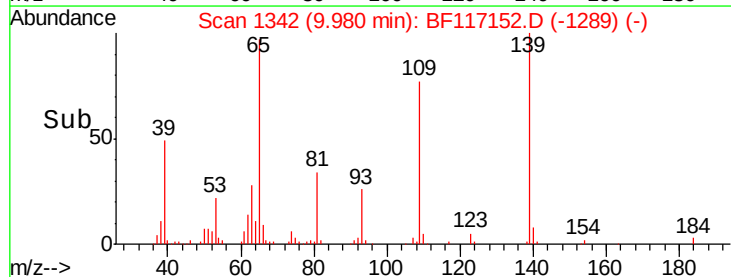
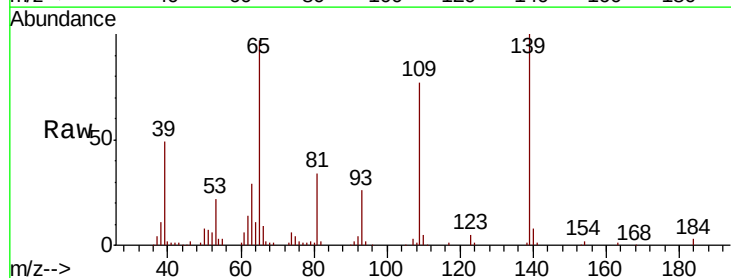
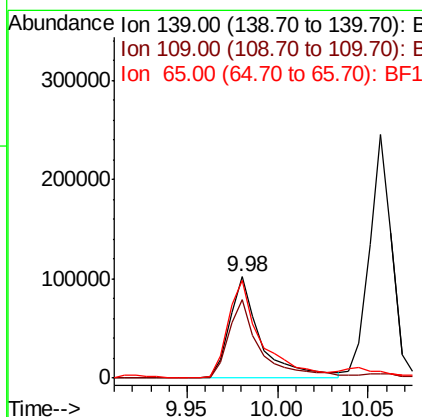
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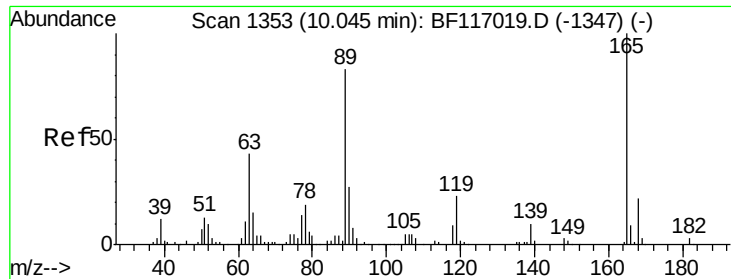
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9/19/2019 10:42:13 AM



#56
4-Nitrophenol
Concen: 85.915 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	77.4		56.4	96.4
65	97.1		82.5	122.5





#57

2,4-Dinitrotoluene

Concen: 55.628 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

Instrument :

BNA_F

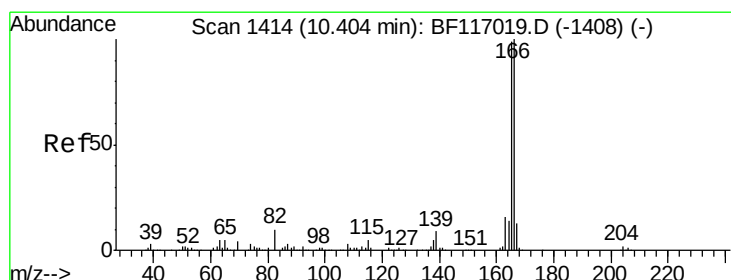
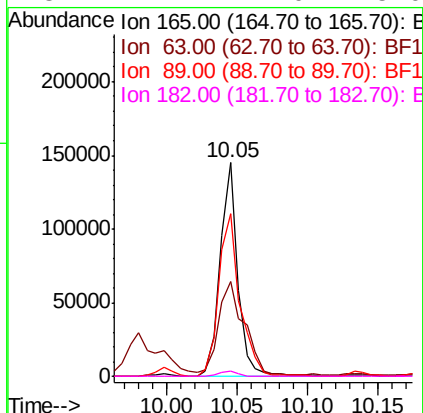
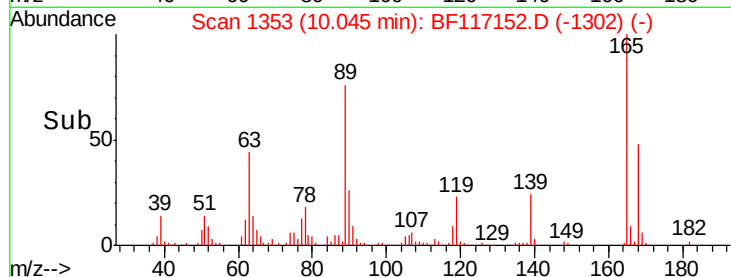
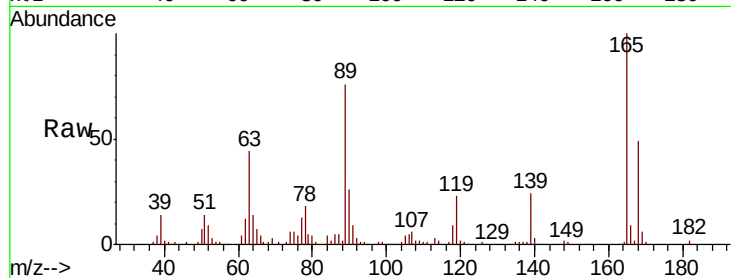
ClientSampleId :

PL-02-091619MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.2	35.0	52.4
89	76.4	66.1	99.1
182	2.2	2.0	3.0

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#58

Fluorene

Concen: 50.766 ng

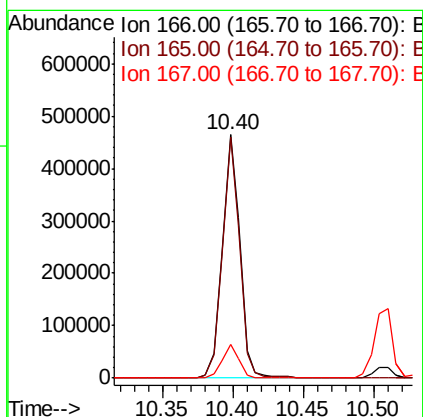
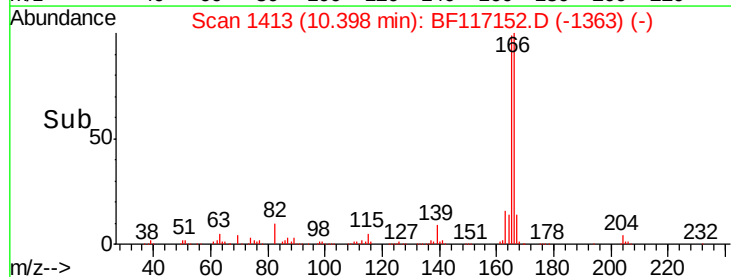
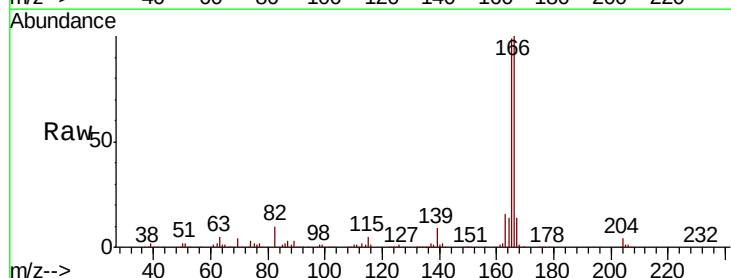
RT: 10.40 min Scan# 1413

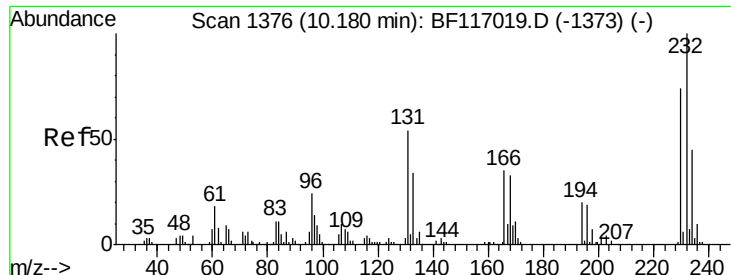
Delta R.T. -0.01 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.9	118.3
167	13.7	10.6	15.8





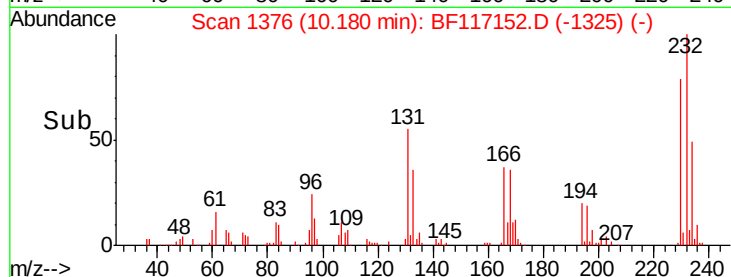
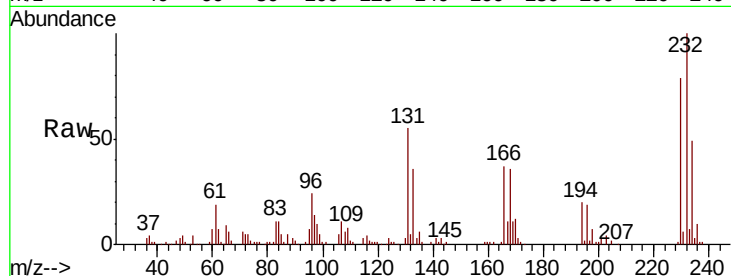
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.170 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MSD

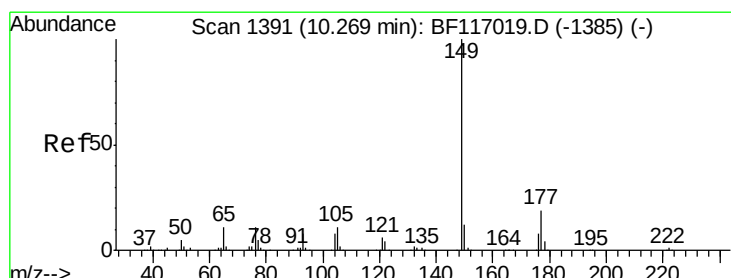
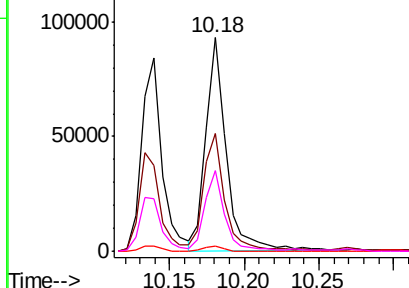
Tot Ion	Ratio	Lower	Upper
232	100		
131	56.2	45.3	67.9
130	2.5	1.8	2.8
166	36.7	29.4	44.2

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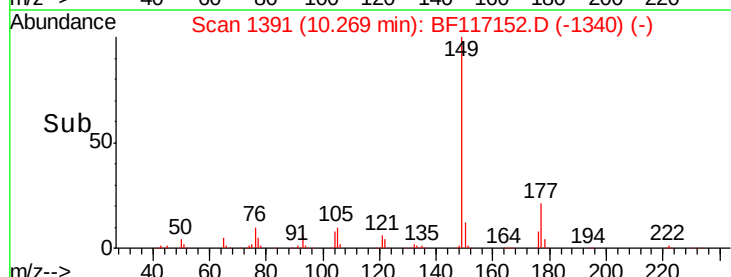
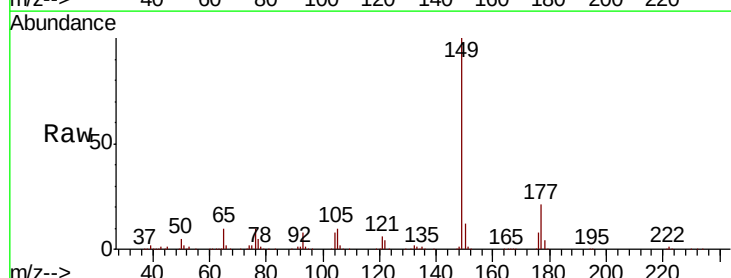


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

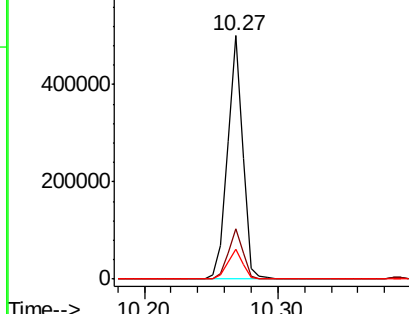


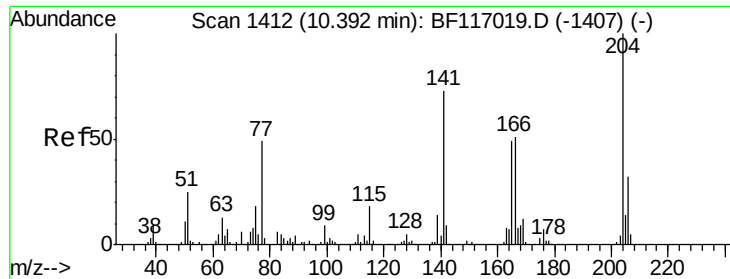
#60
Diethylphthalate
Concen: 48.097 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.6	15.2	22.8
150	12.4	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





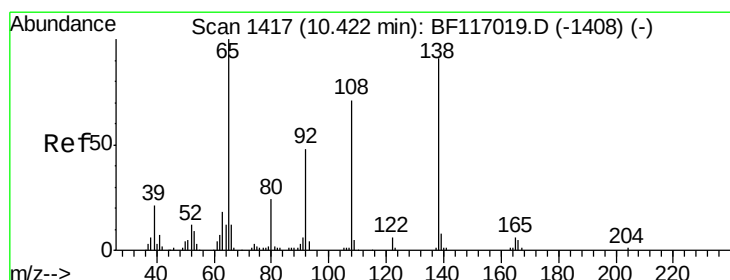
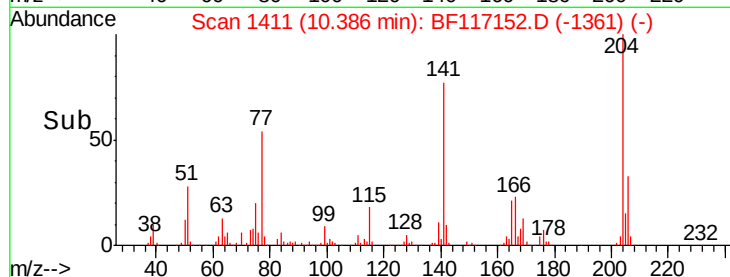
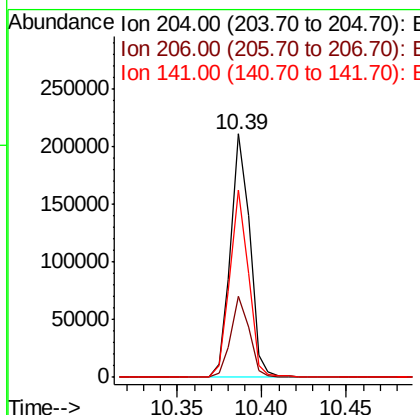
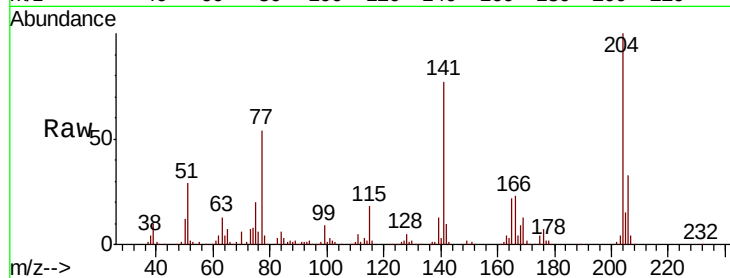
#61
4-Chlorophenyl-phenylether
Concen: 49.164 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.0	39.0
141	76.9	58.2	87.2

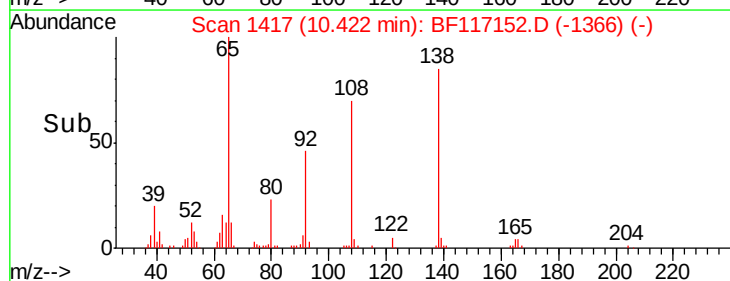
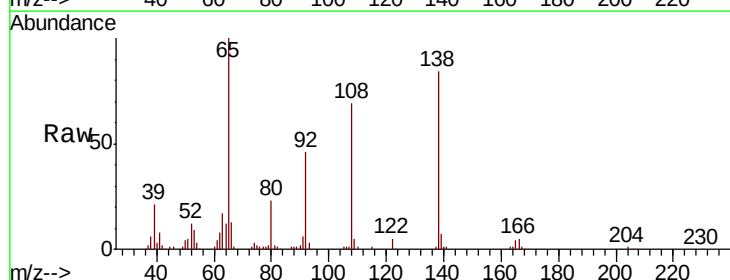
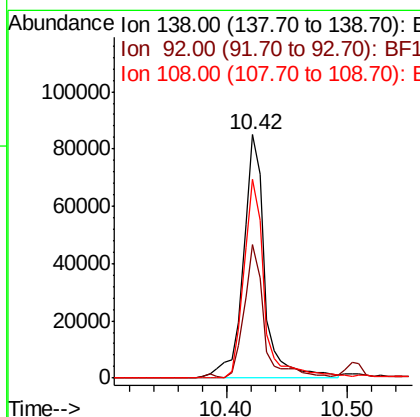
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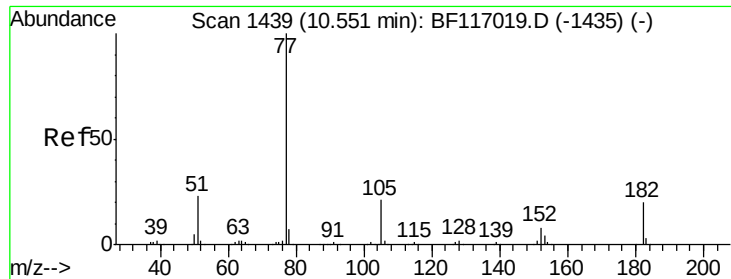
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#62
4-Nitroaniline
Concen: 46.478 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.8	32.9	72.9
108	81.9	58.3	98.3





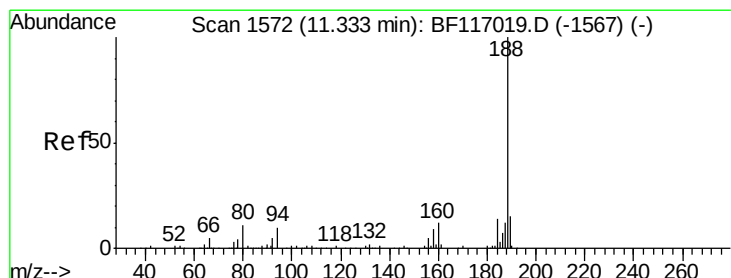
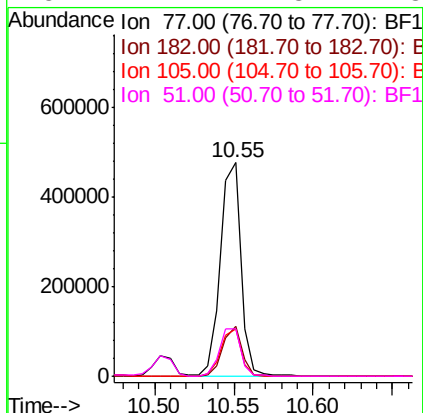
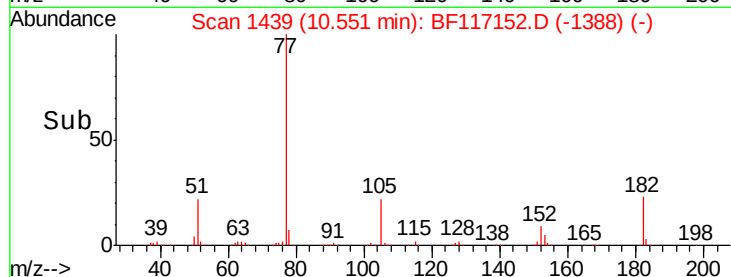
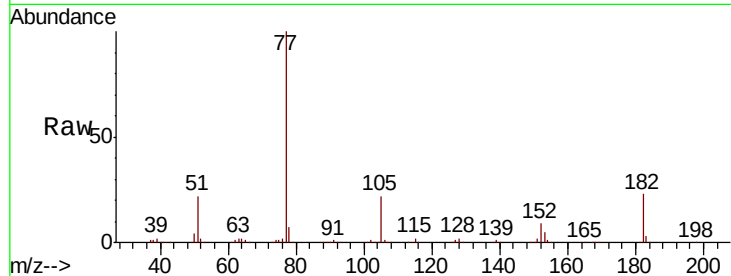
#63
Azobenzene
Concen: 49.517 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		426429		
182	23.4	0.4	40.4		
105	22.5	0.9	40.9		
51	22.2	2.8	42.8		

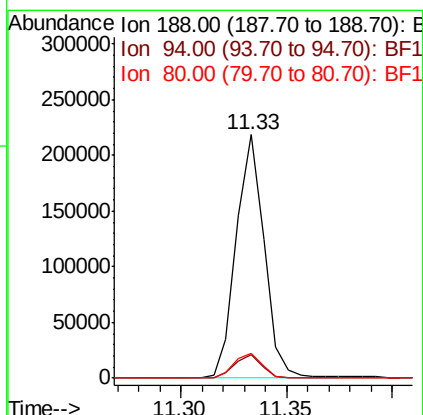
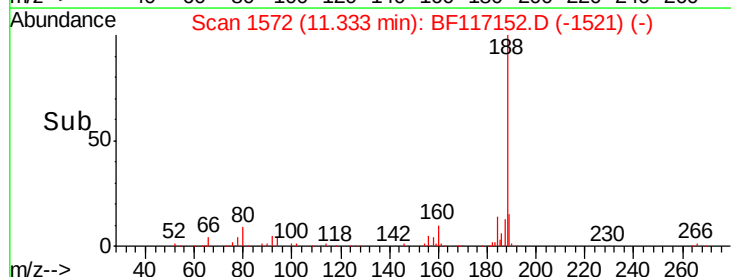
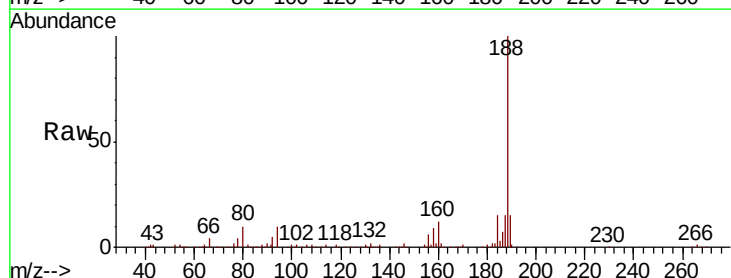
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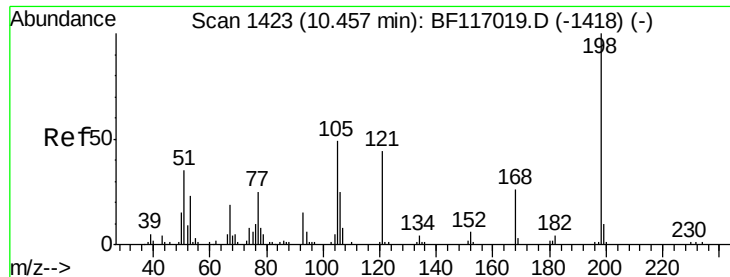
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		201219		
94	9.6	8.2	12.2		
80	10.1	9.0	13.6		





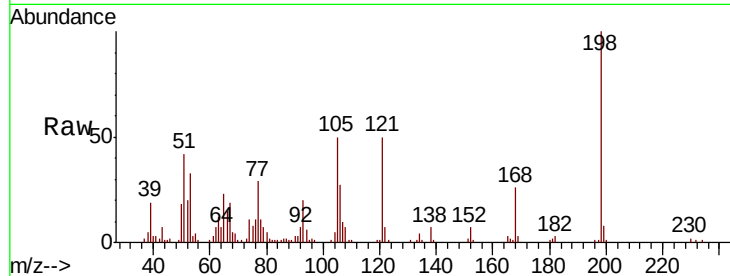
#65
4,6-Dinitro-2-methylphenol
Concen: 51.698 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	42.2	18.7	58.7
105	49.7	30.2	70.2

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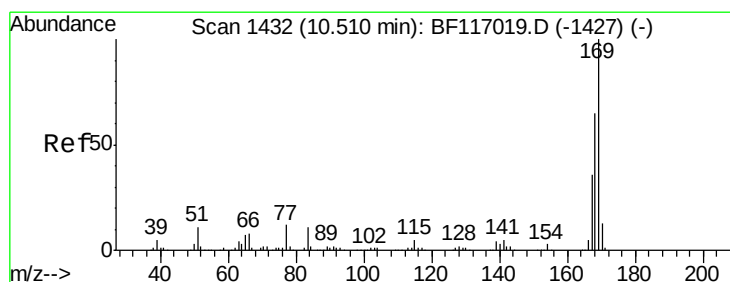
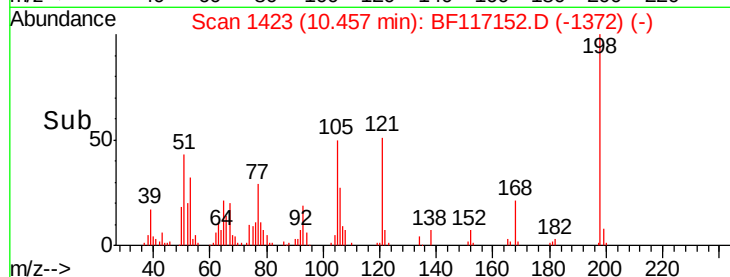
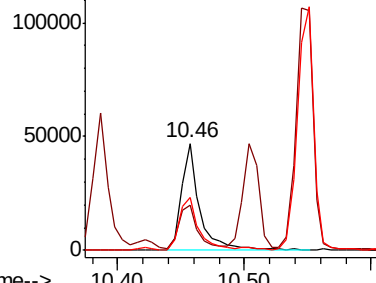


Abundance

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: 49.542 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

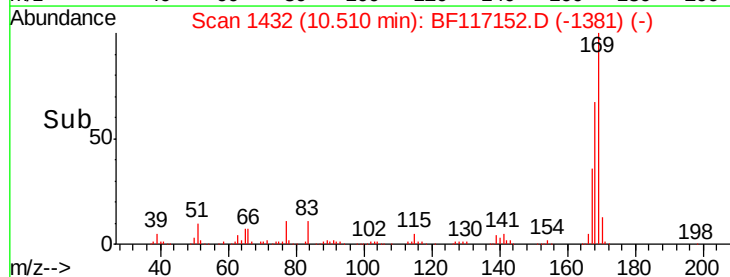
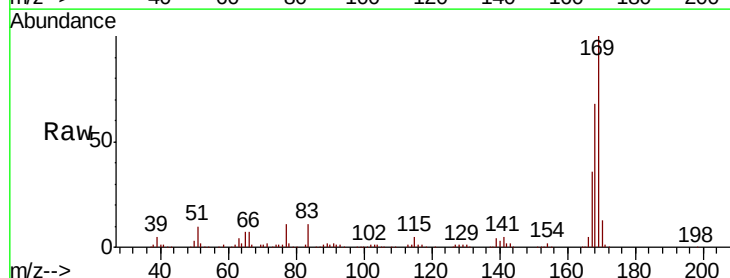
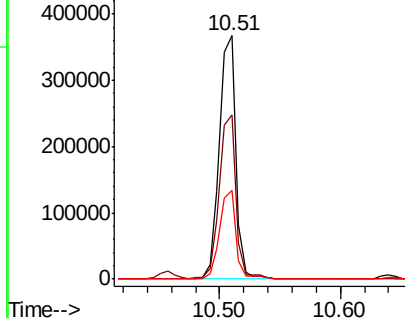
Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.7	52.2	78.2
167	36.3	28.8	43.2

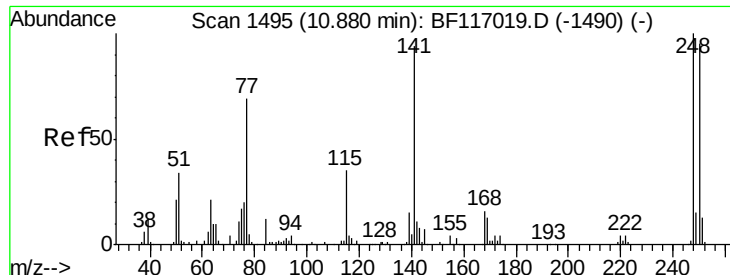
Abundance

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





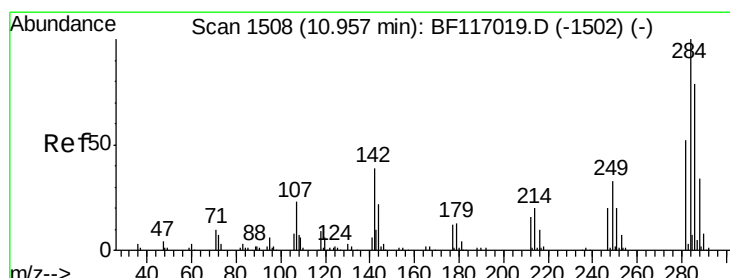
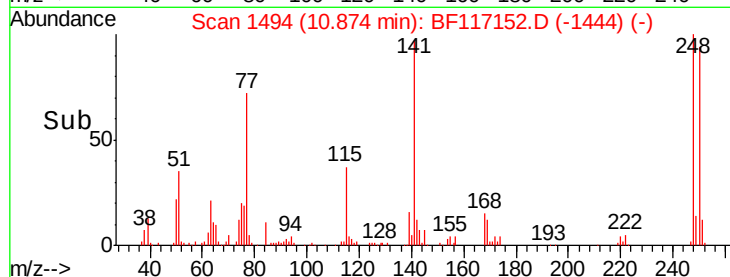
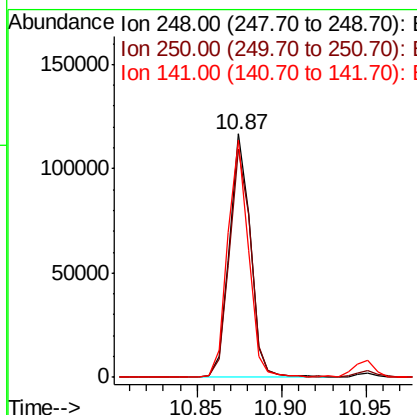
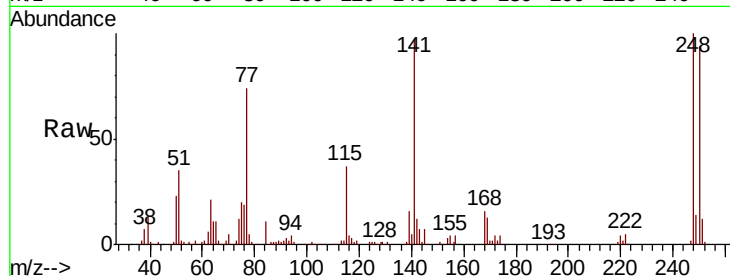
#67
 4-Bromophenyl-phenylether
 Concen: 48.764 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-091619MSD

Tot Ion:	248	Resp:	100206
Ion Ratio	Lower	Upper	
248	100		
250	93.7	76.2	114.4
141	97.2	75.0	112.4

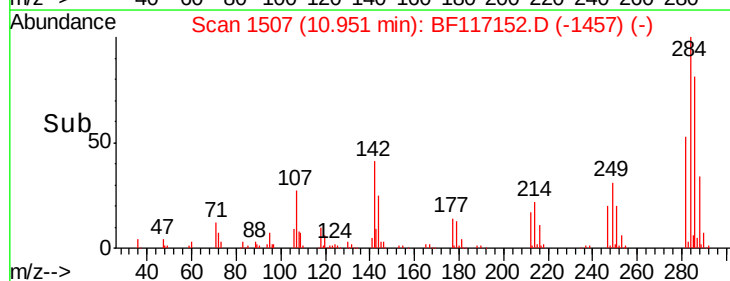
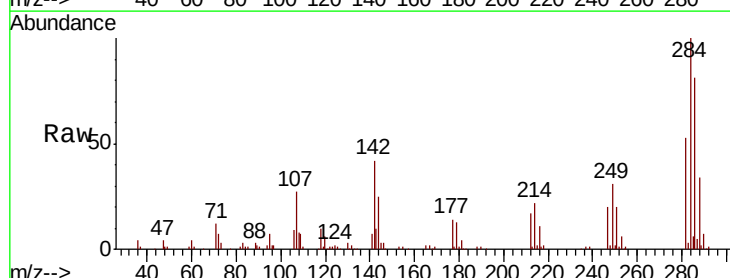
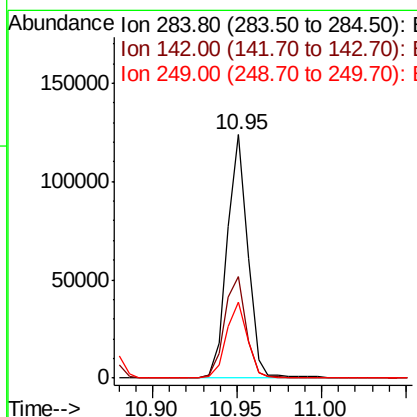
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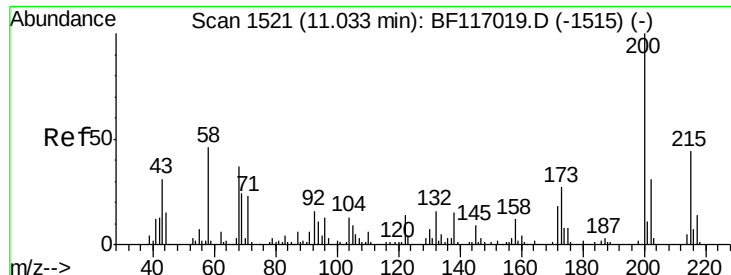
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#68
 Hexachlorobenzene
 Concen: 46.644 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

Tgt Ion:	284	Resp:	104836
Ion Ratio	Lower	Upper	
284	100		
142	41.5	31.4	47.2
249	31.0	26.5	39.7





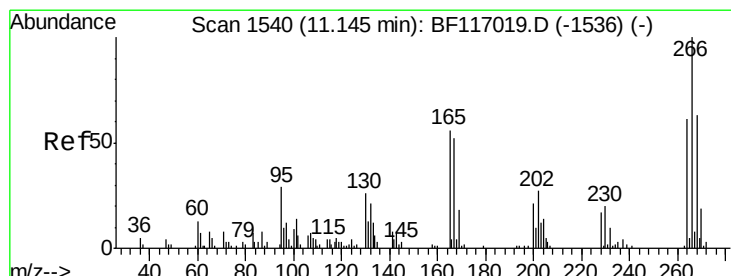
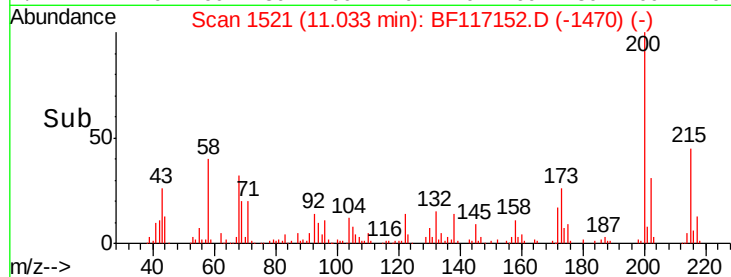
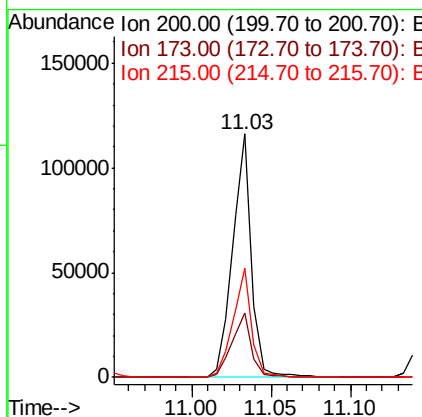
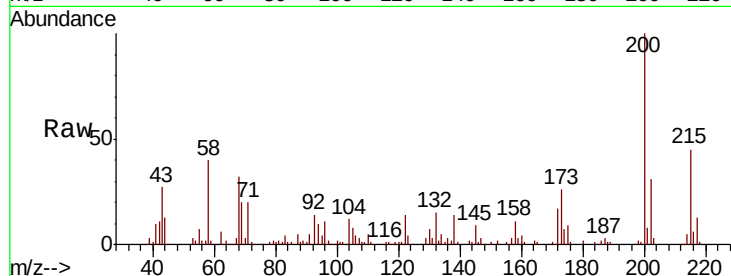
#69
 Atrazine
 Concen: 61.029 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-091619MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	6.9	46.9
215	44.9	23.8	63.8

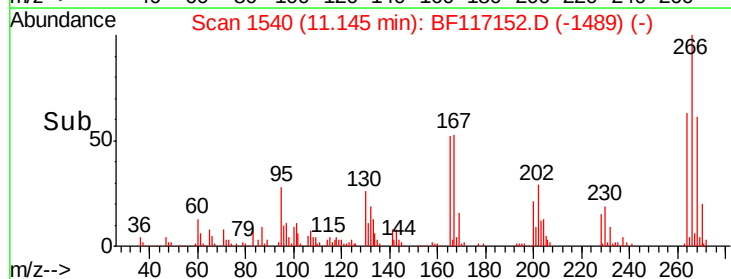
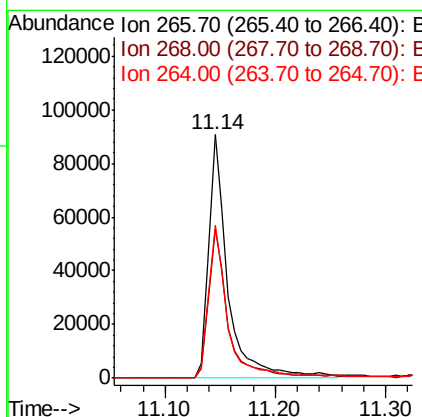
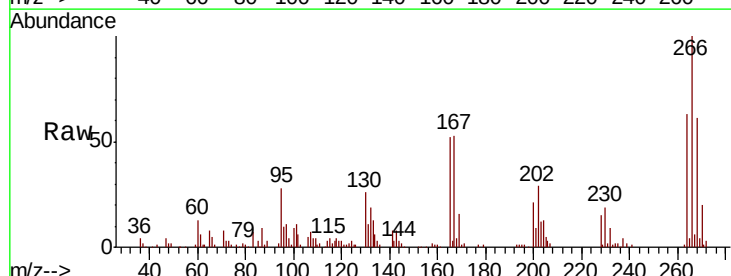
Manual Integrations
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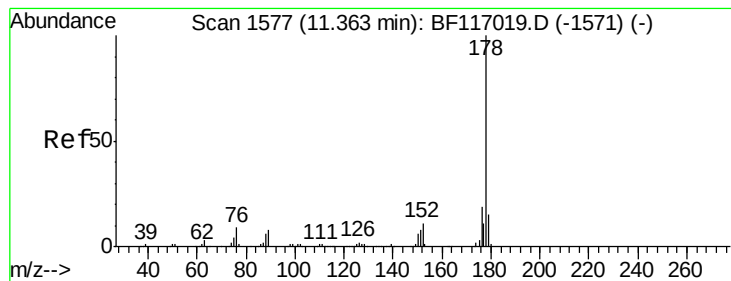
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#70
 Pentachlorophenol
 Concen: 101.713 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.4	50.5	75.7
264	62.7	48.8	73.2





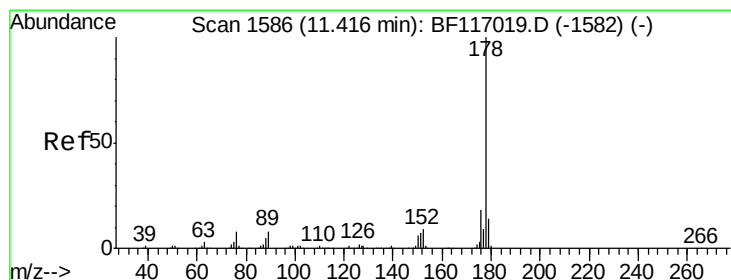
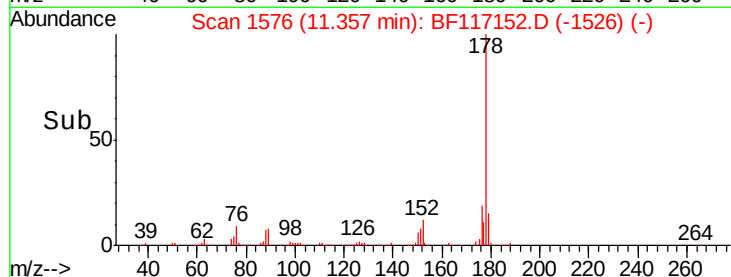
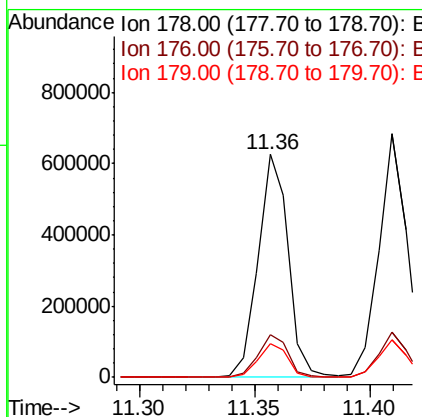
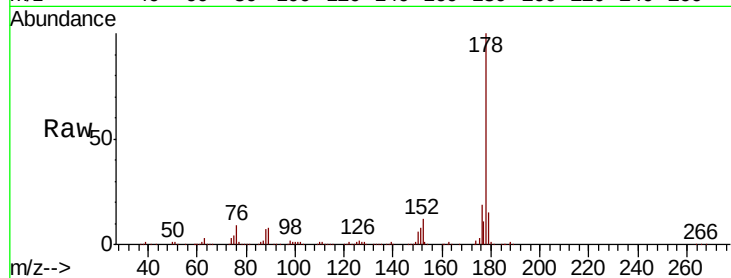
#71
Phenanthrene
Concen: 50.044 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.3	12.4	18.6

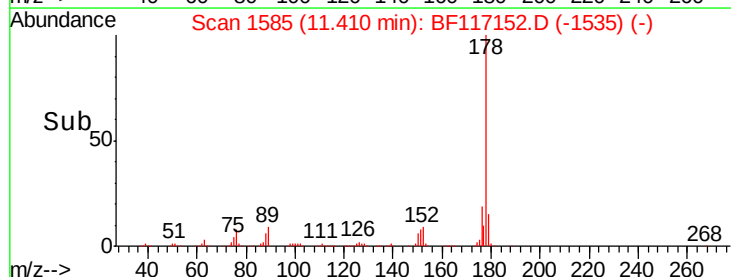
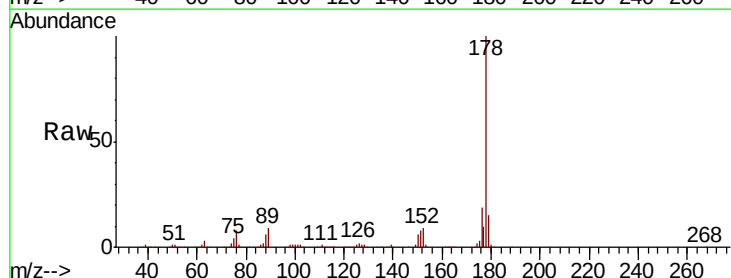
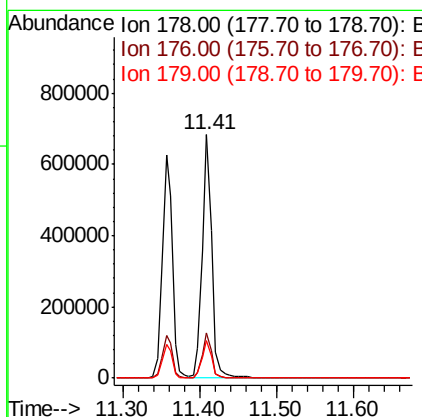
Manual Integrations
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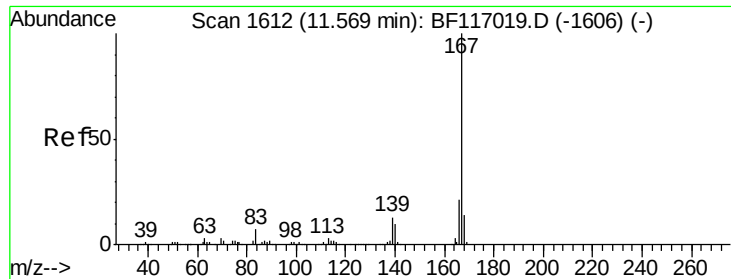
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#72
Anthracene
Concen: 51.288 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	21.8
179	15.2	11.6	17.4





#73

Carbazole

Concen: 50.831 ng

RT: 11.56 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

Instrument :

BNA_F

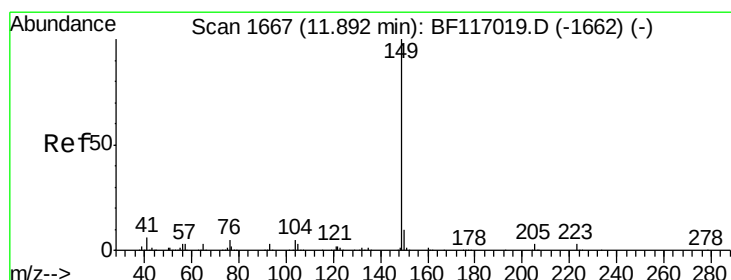
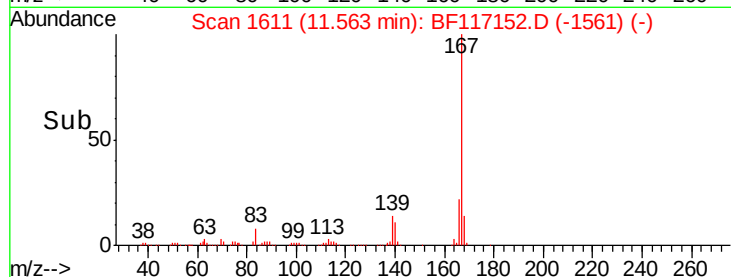
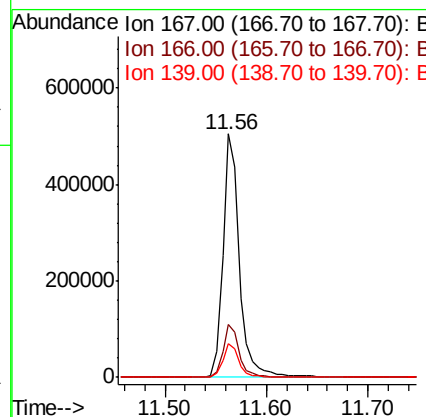
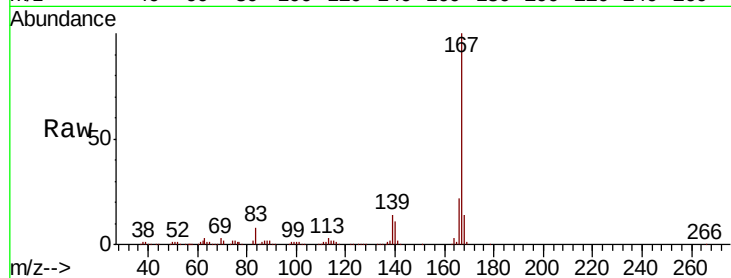
ClientSampleId :

PL-02-091619MSD

Tot Ion:	167	Resp:	562984
Ion Ratio	Lower	Upper	
167	100		
166	21.6	17.2	25.8
139	13.8	10.6	16.0

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 48.200 ng

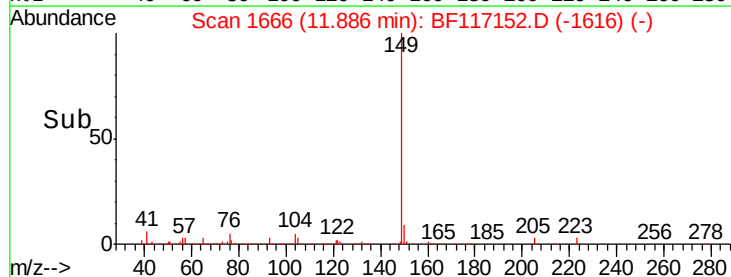
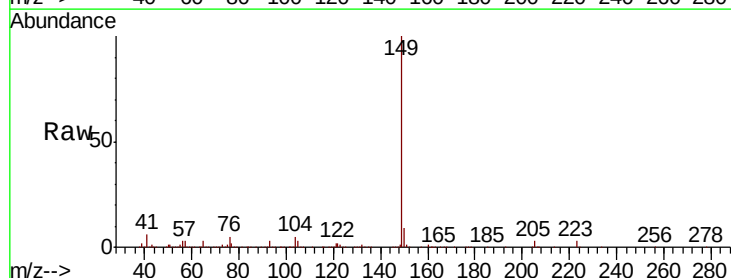
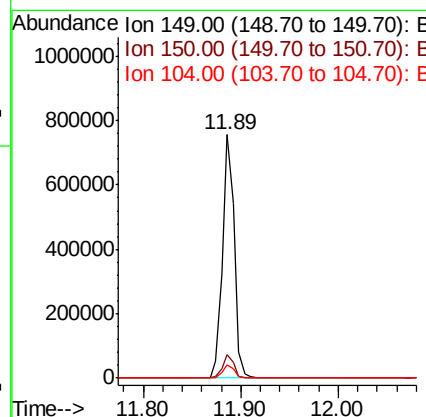
RT: 11.89 min Scan# 1666

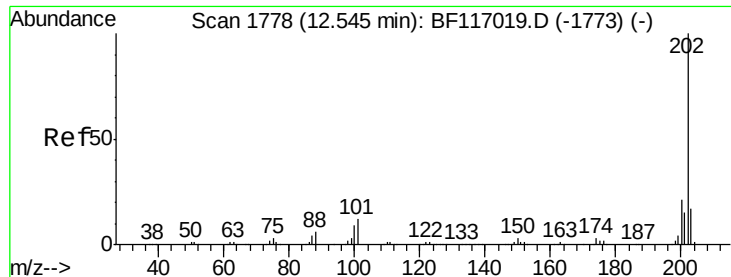
Delta R.T. -0.01 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

Tgt Ion:	149	Resp:	635158
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.7	11.5
104	5.3	4.2	6.4





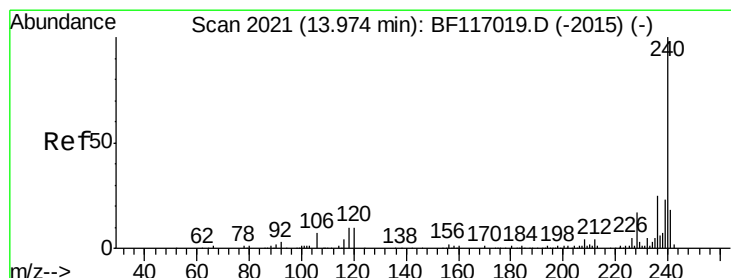
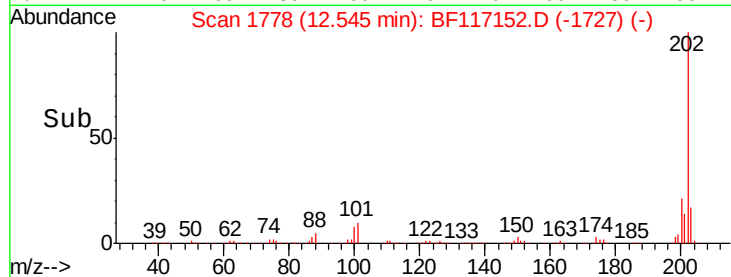
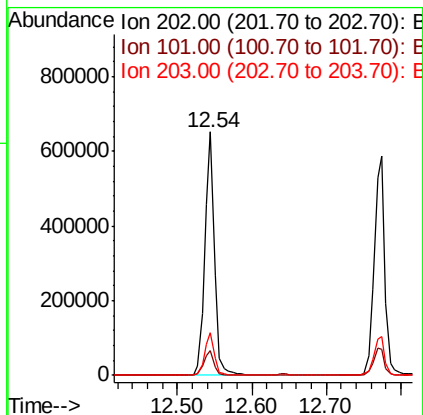
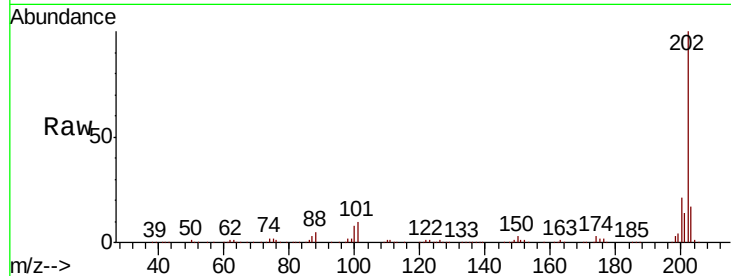
#75
 Fluoranthene
 Concen: 50.327 ng
 RT: 12.54 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-091619MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.3	0.0	32.3
203	17.5	0.0	37.1

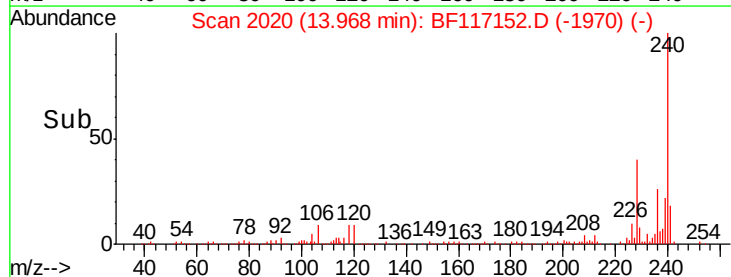
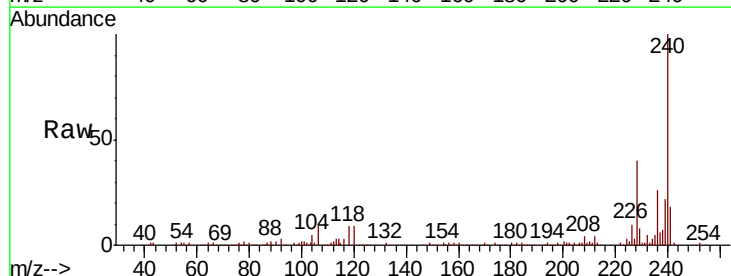
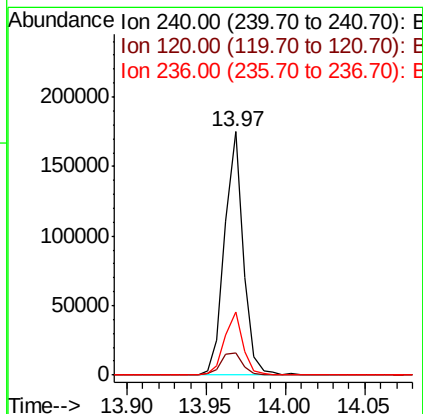
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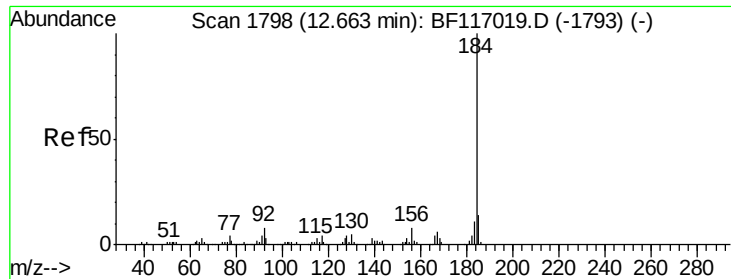
Jagrut
 9/19/2019 10:42:13 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.2	8.3	12.5
236	26.0	20.3	30.5





#77

Benzidine

Concen: 20.491 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

Instrument :

BNA_F

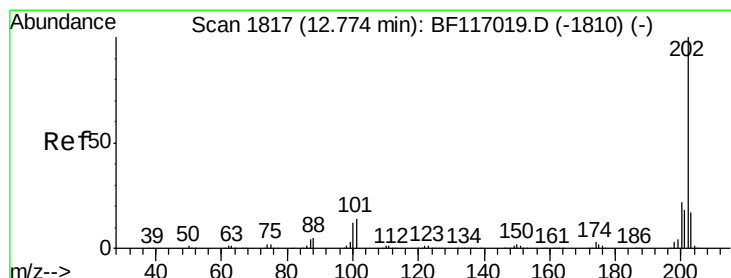
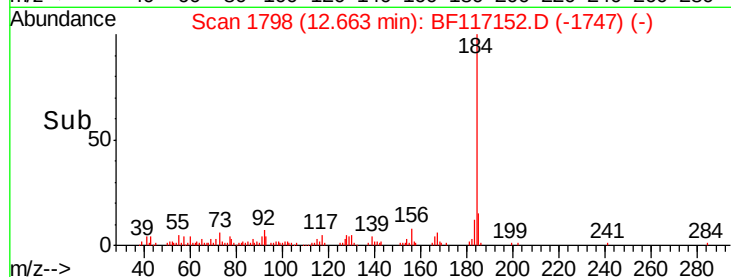
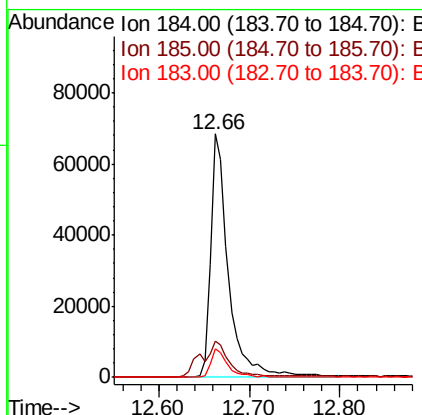
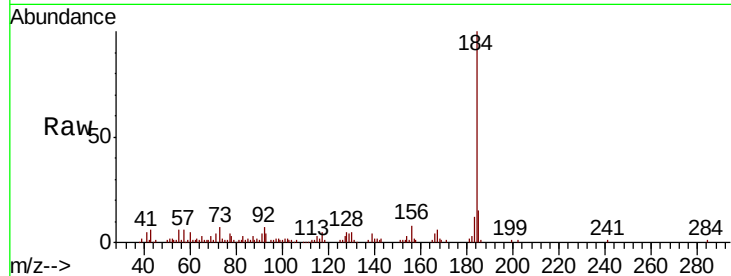
ClientSampleId :

PL-02-091619MSD

Tot Ion:	184	Resp:	94407
Ion Ratio	Lower	Upper	
184	100		
185	15.0	11.6	17.4
183	11.9	9.0	13.4

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#78

Pyrene

Concen: 49.358 ng

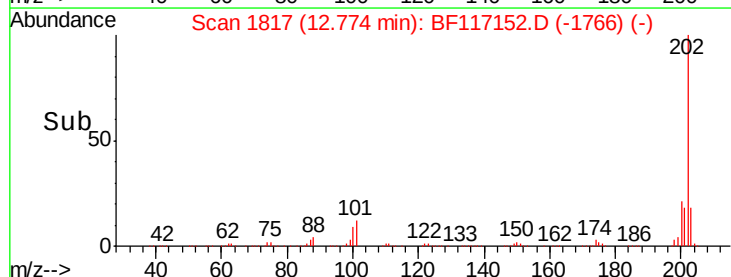
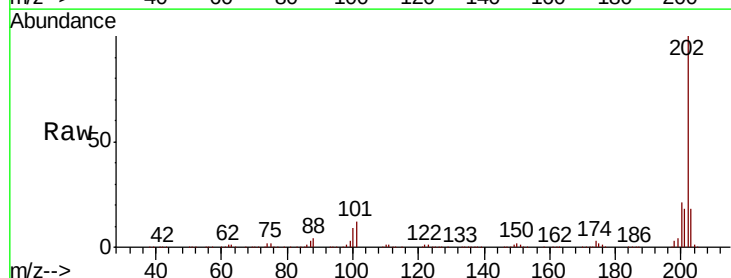
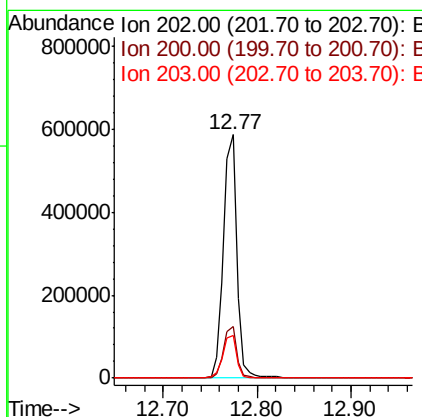
RT: 12.77 min Scan# 1817

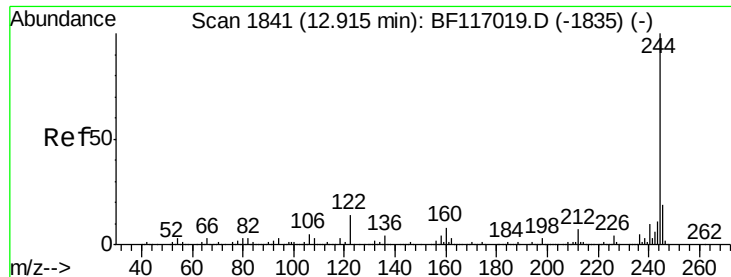
Delta R.T. -0.00 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

Tgt Ion:	202	Resp:	592335
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.2	25.8
203	17.7	14.0	21.0





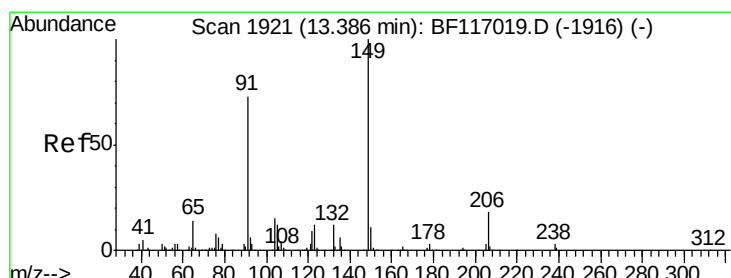
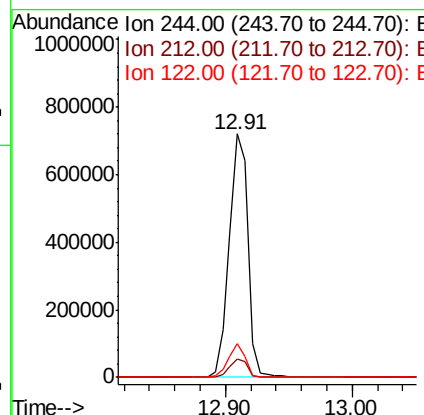
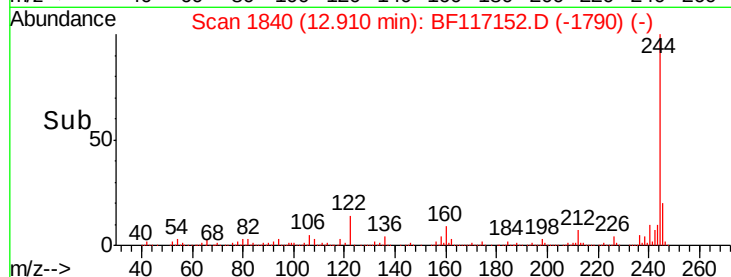
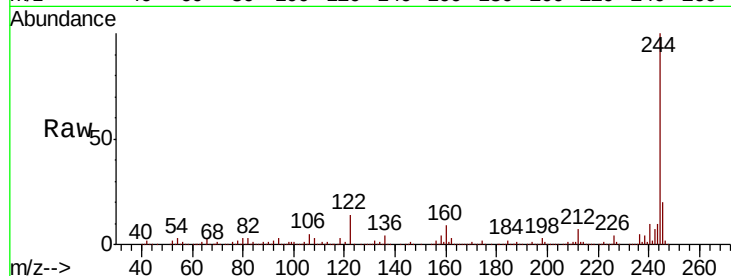
#79
Terphenyl-d14
Concen: 96.153 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MSD

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.4	5.8	8.8
122	14.0	11.3	16.9

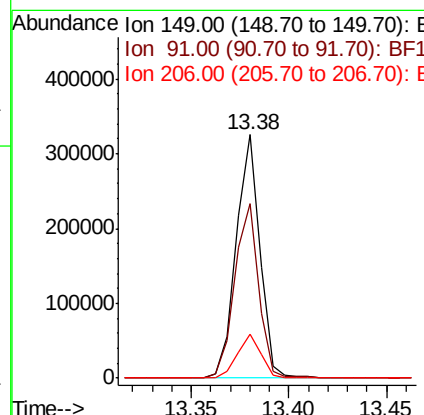
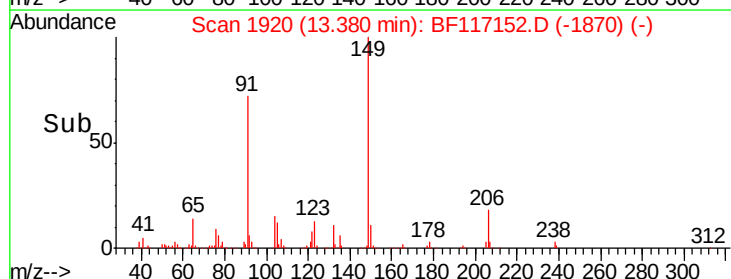
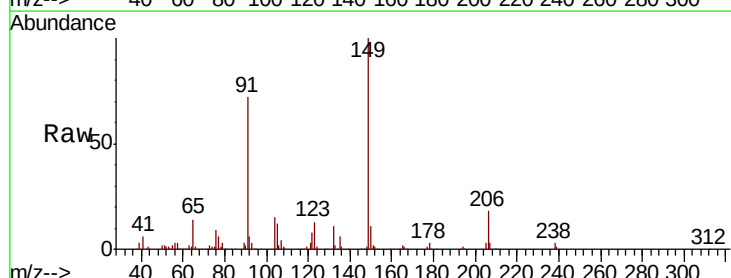
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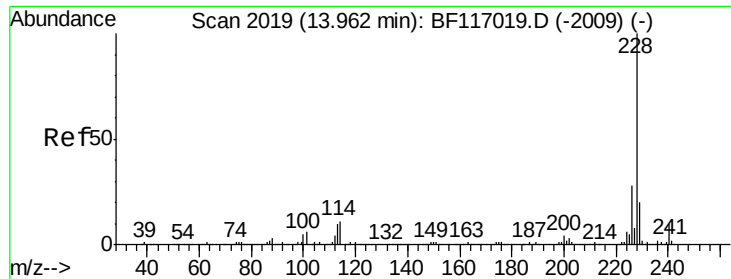
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9/19/2019 10:42:13 AM



#80
Butylbenzylphthalate
Concen: 48.665 ng
RT: 13.38 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	71.9	58.8	88.2
206	18.2	14.1	21.1





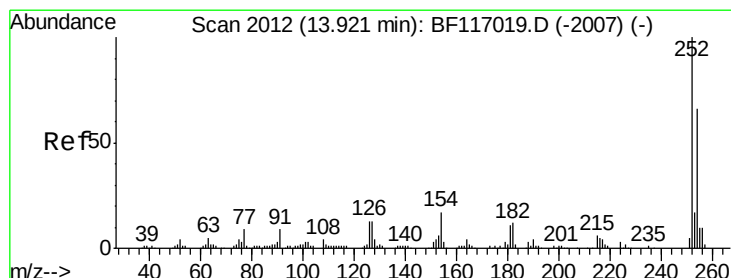
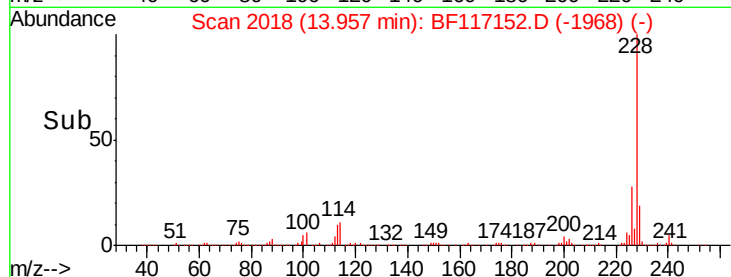
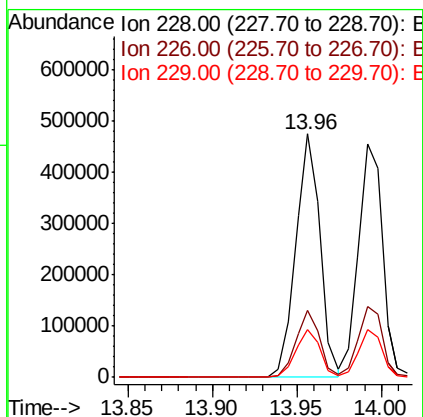
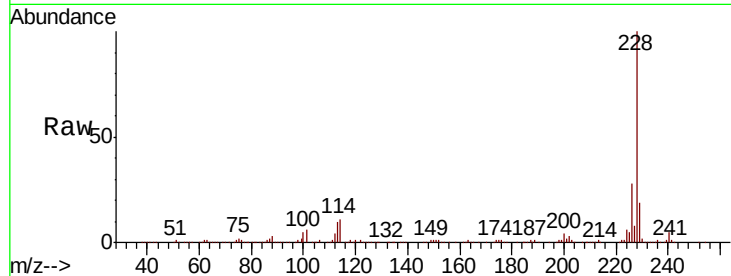
#81
Benzo(a)anthracene
Concen: 49.786 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.3	33.5
229	19.4	15.9	23.9

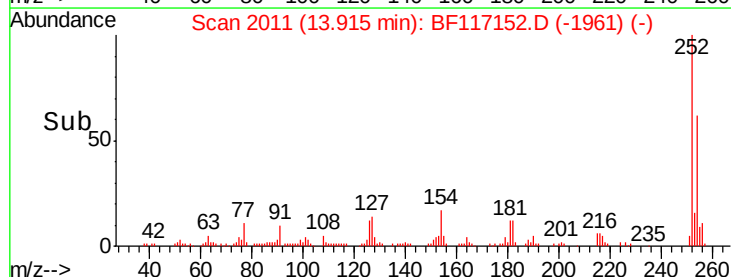
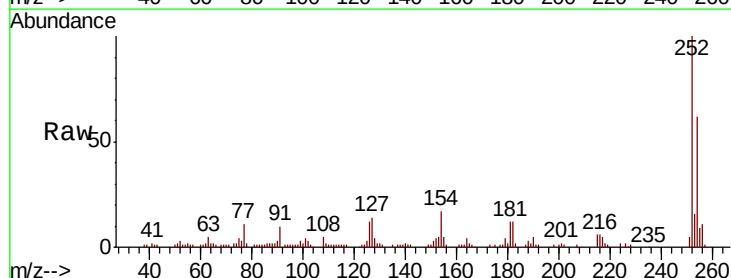
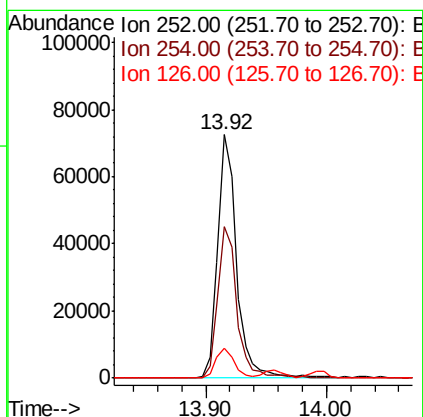
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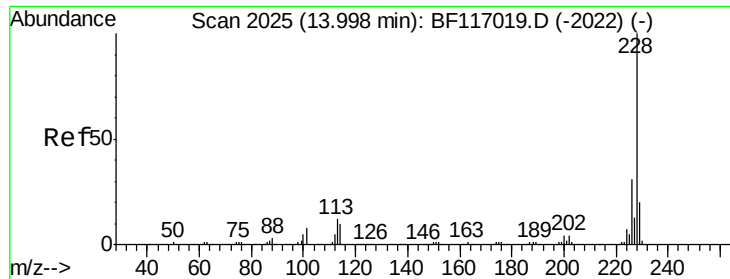
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9/19/2019 10:42:13 AM



#82
3,3'-Dichlorobenzidine
Concen: 25.349 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.4	52.6	79.0
126	12.0	10.4	15.6





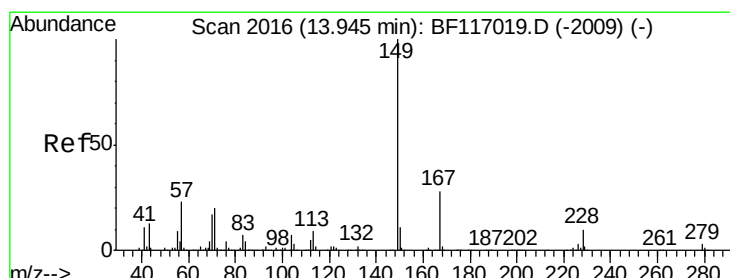
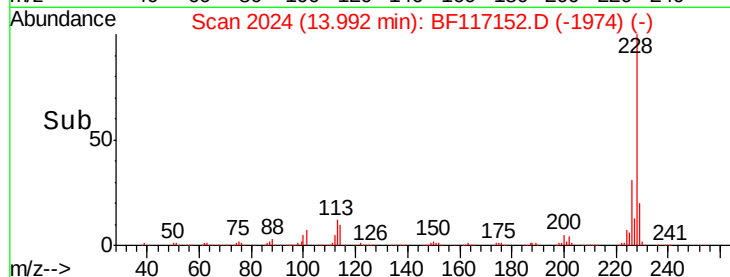
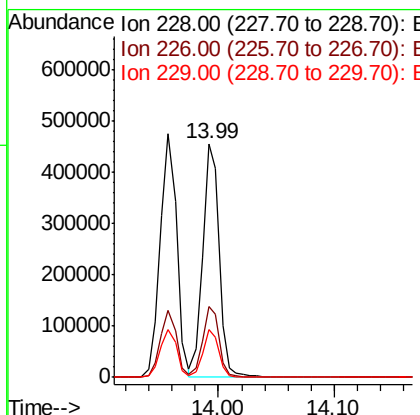
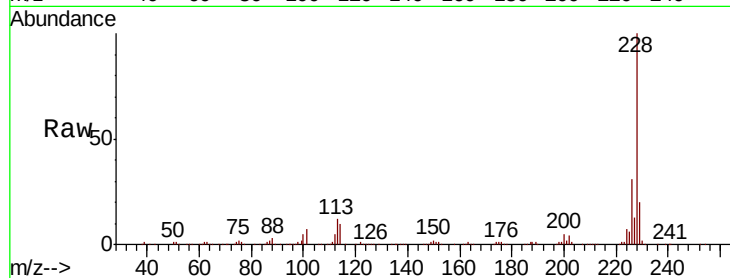
#83
Chrysene
Concen: 49.102 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.8	37.2
229	20.4	15.8	23.8

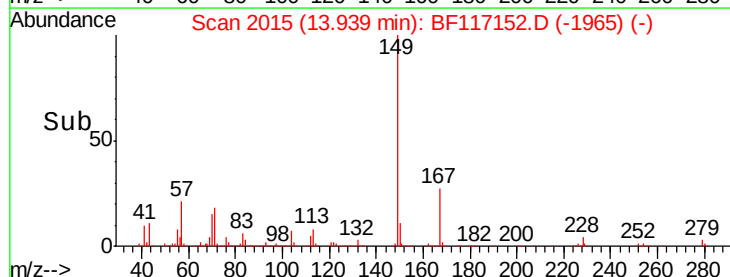
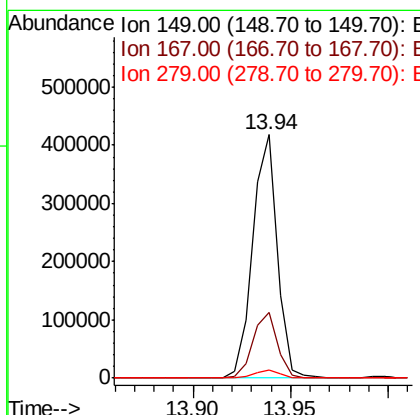
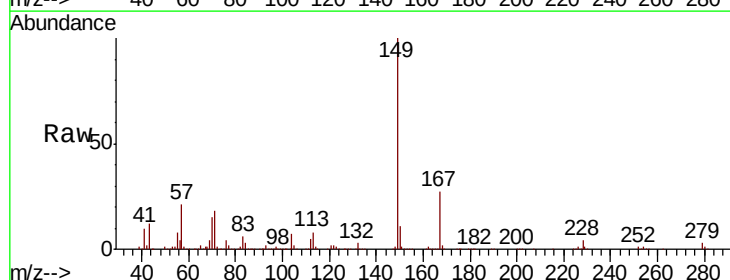
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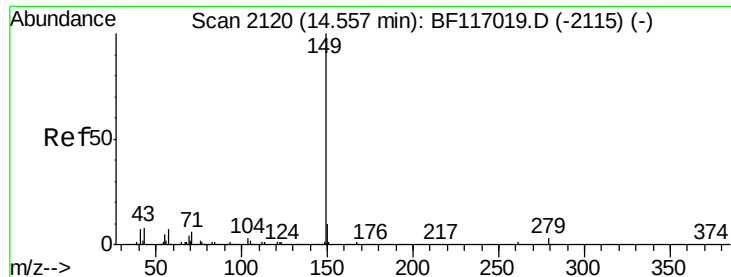
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9/19/2019 10:42:13 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.759 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.2	33.2
279	3.3	2.8	4.2





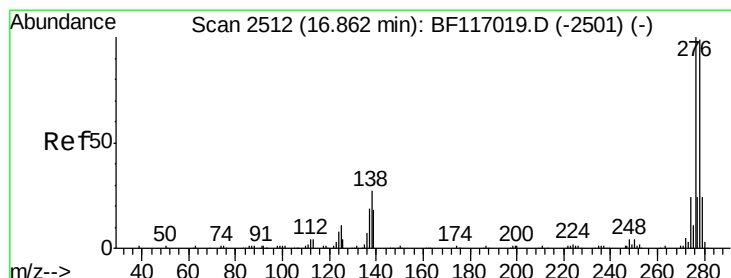
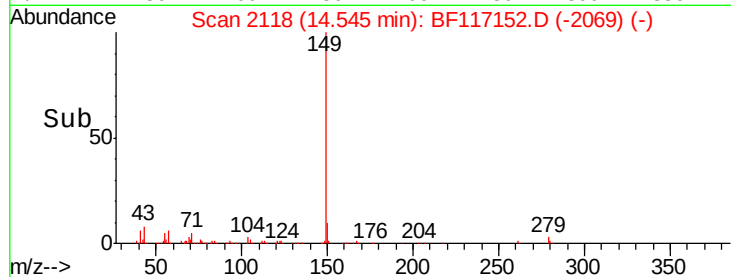
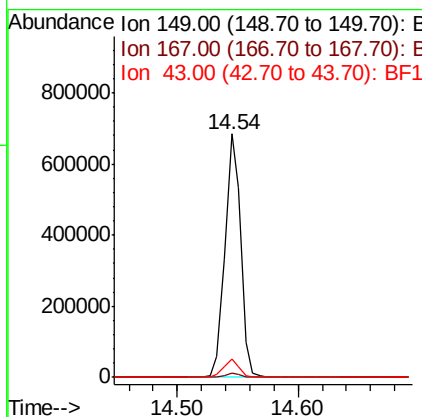
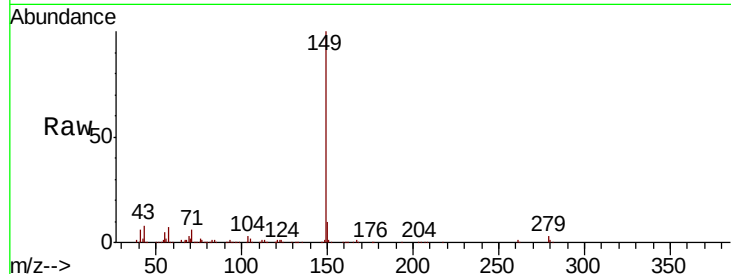
#85
Di-n-octyl phthalate
Concen: 53.406 ng
RT: 14.54 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	614580		
167	1.5		1.2	1.8
43	7.1		6.2	9.4

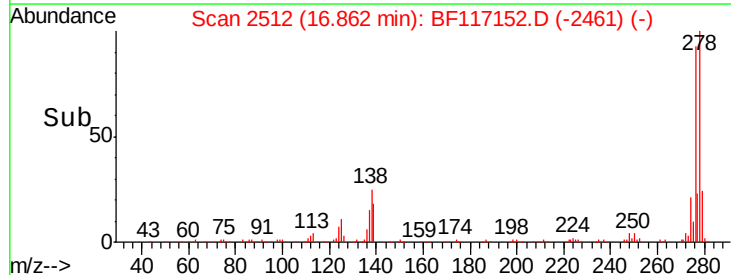
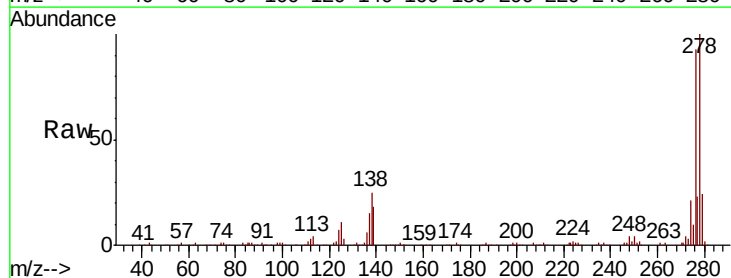
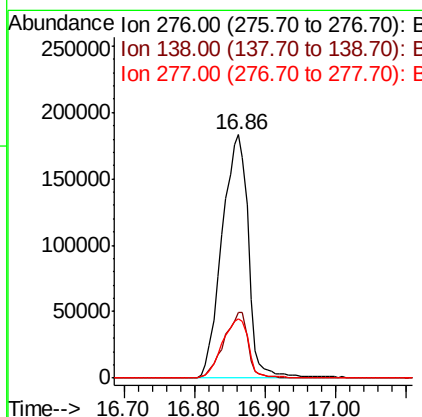
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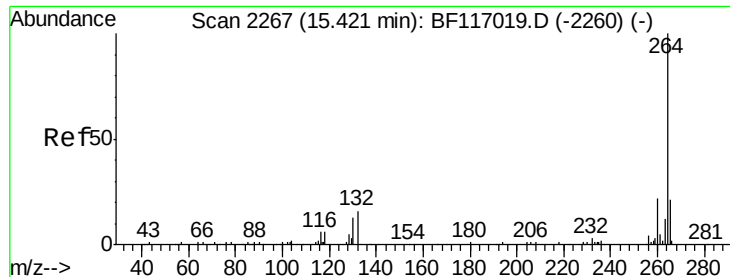
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9/19/2019 10:42:13 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 69.955 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	475651		
138	24.8		20.7	31.1
277	24.4		19.8	29.8





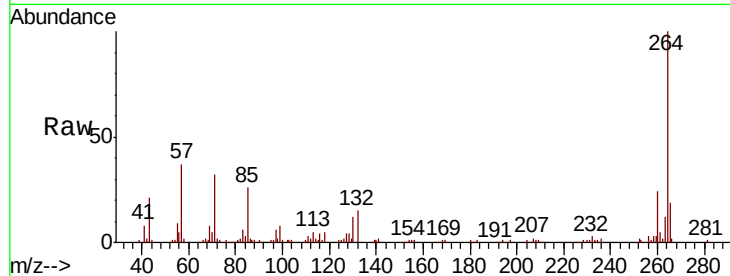
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MSD

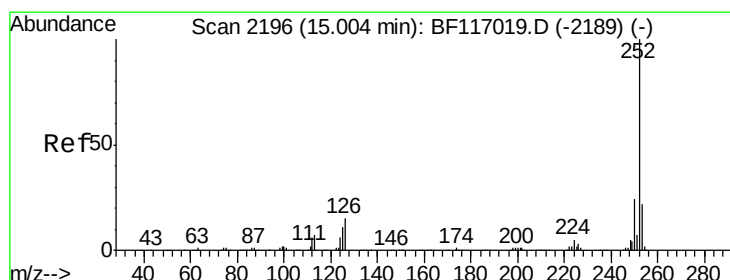
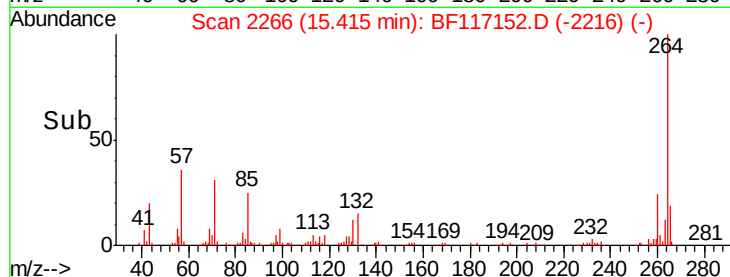
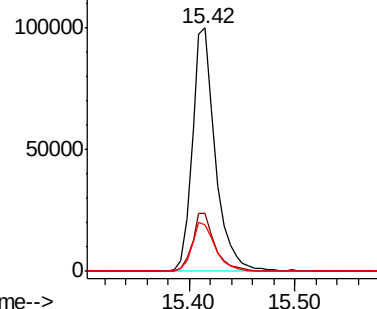
Tot Ion:	264	Resp:	151687
Ion Ratio	Lower	Upper	
264	100		
260	23.7	17.6	26.4
265	19.4	16.6	24.8

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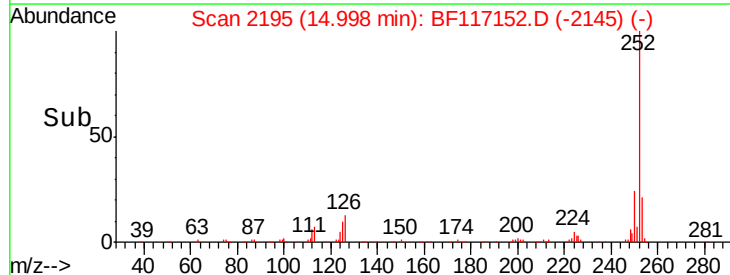
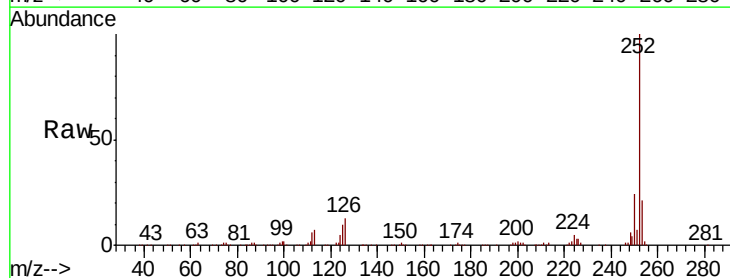
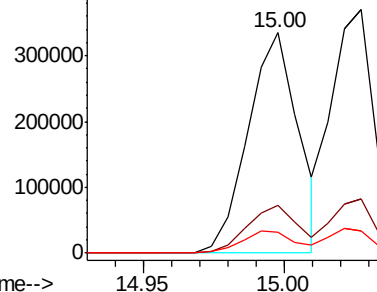
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

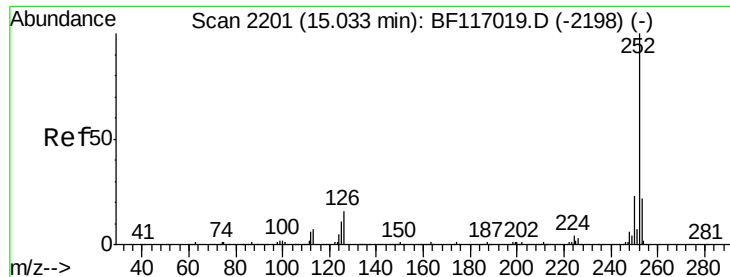


#88
Benzo(b)fluoranthene
Concen: 45.110 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion:	252	Resp:	414478
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.6	26.4
125	9.7	8.6	12.8

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





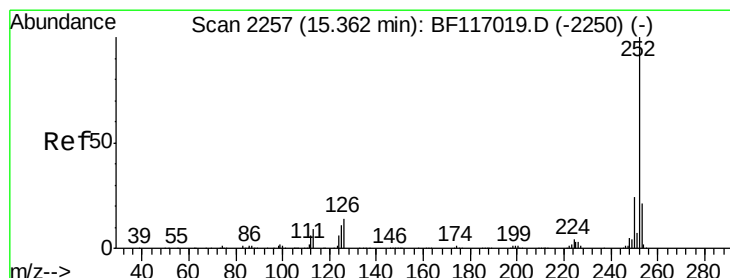
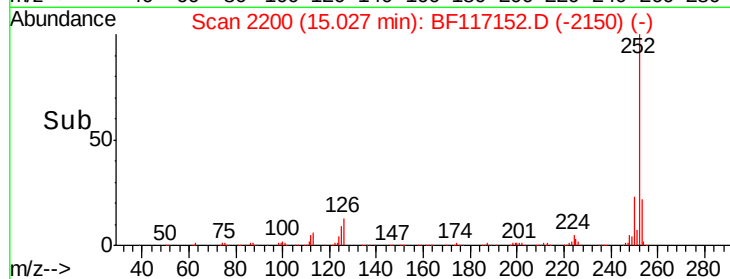
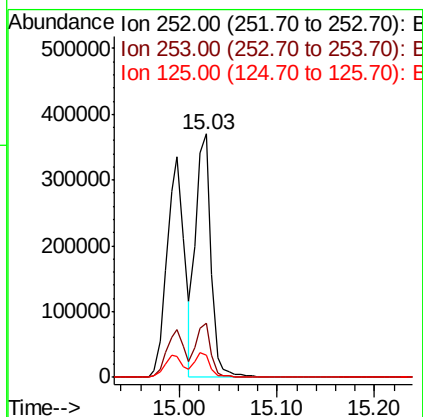
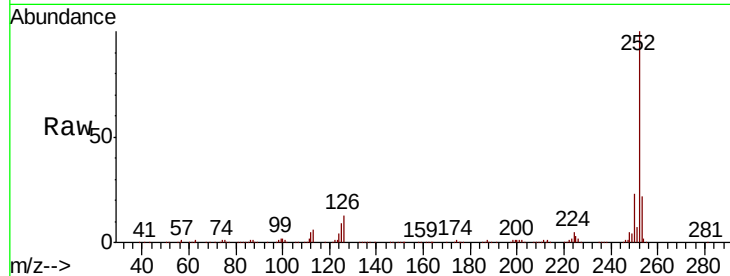
#89
Benzo(k)fluoranthene
Concen: 46.313 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	9.2	8.8	13.2

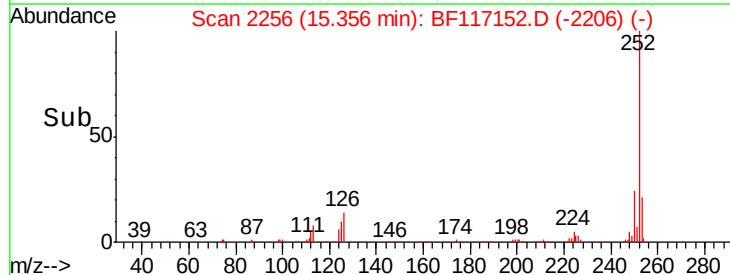
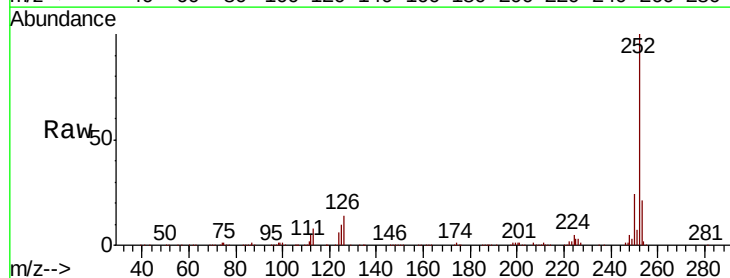
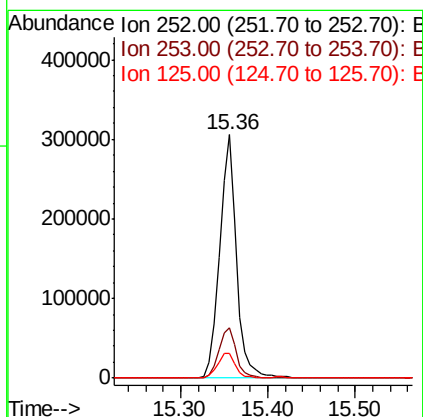
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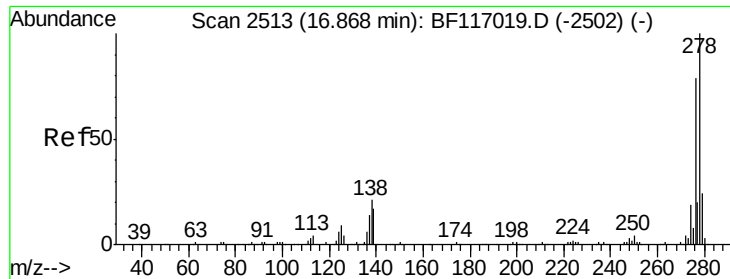
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#90
Benzo(a)pyrene
Concen: 50.679 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	16.6	25.0
125	10.2	8.9	13.3





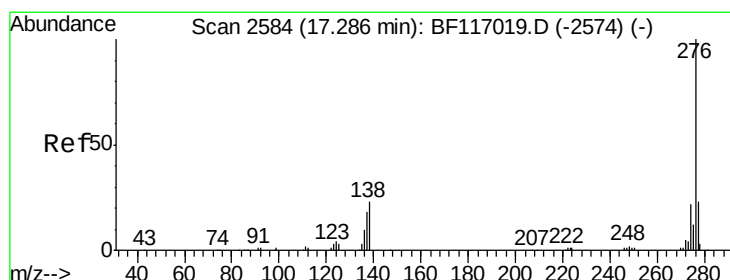
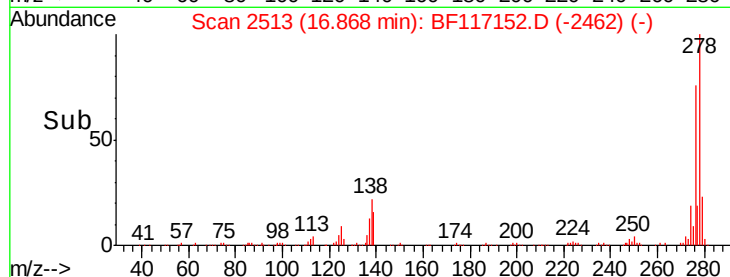
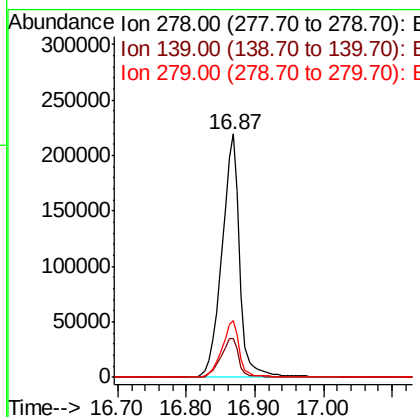
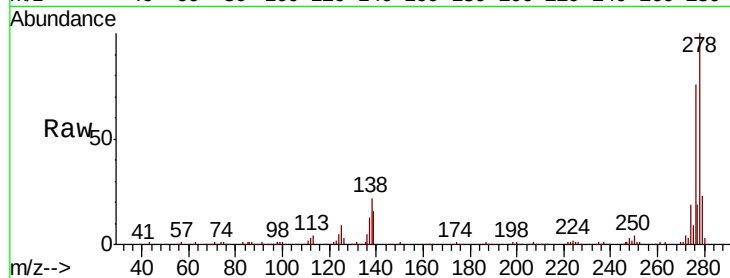
#91
Dibenzo(a,h)anthracene
Concen: 61.580 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.5	20.3
279	23.2	18.8	28.2

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#92
Benzo(g,h,i)perylene
Concen: 63.219 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	27.8
138	20.8	18.0	27.0

