

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
 Data File : BF117151.D
 Acq On : 18 Sep 2019 18:14
 Operator : HP/JU
 Sample : K4666-18MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-091619MS

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

Quant Time: Sep 19 07:53:53 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	62707	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	245864	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	129425	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	208101	20.00	ng	0.00
76) Chrysene-d12	13.97	240	167478	20.00	ng	0.00
87) Perylene-d12	15.41	264	173852	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	470011	117.02	ng	0.02
7) Phenol-d6	6.47	99	576453	111.05	ng	0.01
23) Nitrobenzene-d5	7.39	82	428755	91.63	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	152093	140.61	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	728462	88.01	ng	0.00
79) Terphenyl-d14	12.91	244	781742	87.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	64782	38.545	ng	# 86
3) Pyridine	3.42	79	113123	24.591	ng	95
4) n-Nitrosodimethylamine	3.32	42	65311	41.371	ng	# 96
6) Aniline	6.49	93	111174	16.635	ng	92
8) 2-Chlorophenol	6.62	128	196171	45.274	ng	96
9) Benzaldehyde	6.37	77	93760	34.962	ng	99
10) Phenol	6.48	94	217172	37.952	ng	94
11) bis(2-Chloroethyl)ether	6.56	93	184491	43.867	ng	98
12) 1,3-Dichlorobenzene	6.77	146	191567	39.399	ng	95
13) 1,4-Dichlorobenzene	6.84	146	199047	40.115	ng	98
14) 1,2-Dichlorobenzene	6.99	146	183046	39.622	ng	97
15) Benzyl Alcohol	6.97	79	178046	44.729	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	175195	42.163	ng	89
17) 2-Methylphenol	7.08	107	157925	43.488	ng	94
18) Hexachloroethane	7.33	117	73824	38.674	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	143164	45.294	ng	96
20) 3+4-Methylphenols	7.23	107	195628	43.249	ng	# 81
22) Acetophenone	7.23	105	296823	47.517	ng	98
24) Nitrobenzene	7.40	77	221907	48.021	ng	97
25) Isophorone	7.65	82	390147	47.090	ng	98
26) 2-Nitrophenol	7.72	139	102860	51.821	ng	99
27) 2,4-Dimethylphenol	7.76	122	170470	54.158	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	236715	46.373	ng	99
29) 2,4-Dichlorophenol	7.96	162	163548	49.588	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	159129	44.659	ng	98
31) Naphthalene	8.12	128	565075	47.788	ng	100
32) Benzoic acid	7.89	122	50840	25.046	ng	98
33) 4-Chloroaniline	8.17	127	56062	10.690	ng	97
34) Hexachlorobutadiene	8.24	225	85971	42.526	ng	96
35) Caprolactam	8.54	113	40370m	36.163	ng	
36) 4-Chloro-3-methylphenol	8.66	107	190439	49.520	ng	99
37) 2-Methylnaphthalene	8.82	142	384511	48.290	ng	97
38) 1-Methylnaphthalene	8.91	142	356792	47.843	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	152303	45.571	ng	98

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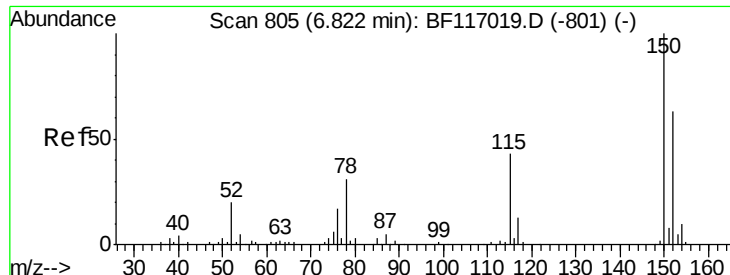
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	119062	80.536	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	104507	46.078	nq	97
44) 2,4,5-Trichlorophenol	9.14	196	115117	47.506	nq	97
46) 1,1'-Biphenyl	9.27	154	461889	45.497	nq	98
47) 2-Chloronaphthalene	9.30	162	358057	44.689	nq	100
48) 2-Nitroaniline	9.40	65	119362	46.446	nq	98
49) Acenaphthylene	9.72	152	570761	47.553	nq	100
50) Dimethylphthalate	9.57	163	461331	50.342	nq	99
51) 2,6-Dinitrotoluene	9.64	165	94286	50.518	nq	99
52) Acenaphthene	9.89	154	330602	46.465	nq	99
53) 3-Nitroaniline	9.81	138	62575	26.573	nq	93
54) 2,4-Dinitrophenol	9.92	184	71843	88.099	nq	93
55) Dibenzofuran	10.06	168	501527	47.775	nq	98
56) 4-Nitrophenol	9.98	139	125796	82.425	nq	99
57) 2,4-Dinitrotoluene	10.05	165	131922	54.453	nq	96
58) Fluorene	10.40	166	409579	48.435	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	88740m	47.855	nq	
60) Diethylphthalate	10.27	149	425920	47.242	nq	98
61) 4-Chlorophenyl-phenylether	10.39	204	173570	47.440	nq	95
62) 4-Nitroaniline	10.42	138	114115	46.598	nq	98
63) Azobenzene	10.55	77	434813	47.221	nq	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	48393	50.600	nq	85
66) n-Nitrosodiphenylamine	10.51	169	359700	50.049	nq	100
67) 4-Bromophenyl-phenylether	10.87	248	101781	47.892	nq	94
68) Hexachlorobenzene	10.95	284	109314	47.027	nq	95
69) Atrazine	11.03	200	100996	62.933	nq	99
70) Pentachlorophenol	11.15	266	113572	104.234	nq	98
71) Phenanthrene	11.36	178	595315	50.365	nq	100
72) Anthracene	11.41	178	618615	51.263	nq	98
73) Carbazole	11.56	167	602660	52.614	nq	99
74) Di-n-butylphthalate	11.89	149	675236	49.547	nq	99
75) Fluoranthene	12.55	202	620319	51.076	nq	98
77) Benzidine	12.66	184	72773	13.489	nq	97
78) Pyrene	12.77	202	635547	45.226	nq	99
80) Butylbenzylphthalate	13.38	149	310191	46.715	nq	99
81) Benzo(a)anthracene	13.96	228	534372	47.757	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	89956	24.948	nq	98
83) Chrysene	14.00	228	527409	48.327	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	418918	48.931	nq	98
85) Di-n-octyl phthalate	14.54	149	725740	53.858	nq	99
86) Indeno(1,2,3-cd)pyrene	16.86	276	495810	62.273	nq	99
88) Benzo(b)fluoranthene	15.00	252	479720	45.554	nq	99
89) Benzo(k)fluoranthene	15.03	252	485358	48.654	nq	98
90) Benzo(a)pyrene	15.36	252	471717	51.046	nq	98
91) Dibenzo(a,h)anthracene	16.87	278	412230	55.997	nq	99
92) Benzo(g,h,i)perylene	17.29	276	412712	56.260	nq	99

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



#1

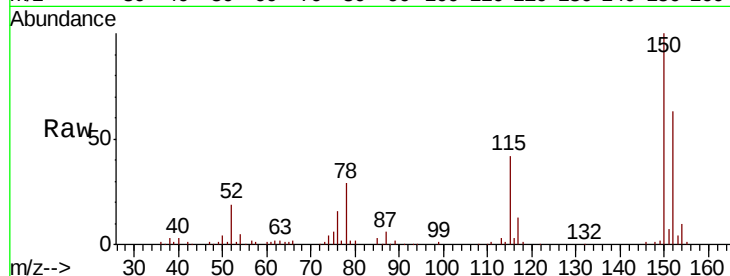
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

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Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	127.5	191.3
115	66.6	55.0	82.4

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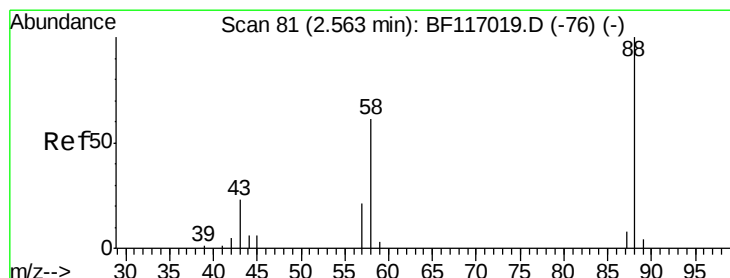
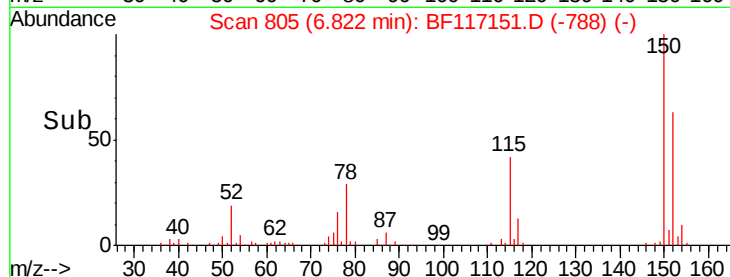
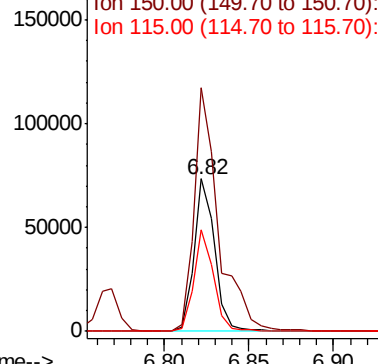


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

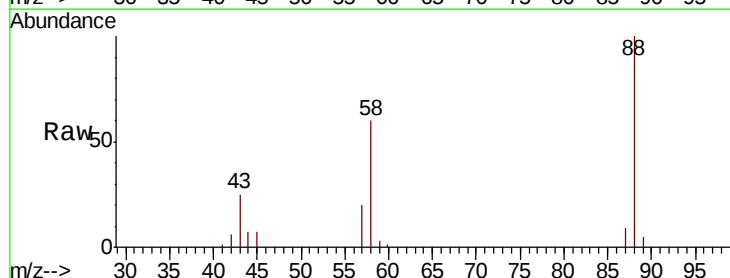
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.545 ng
RT: 2.68 min Scan# 100
Delta R.T. 0.11 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.6	49.3	73.9
43	0.0	18.8	28.2

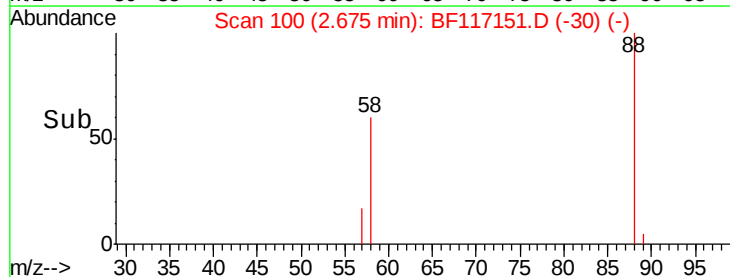
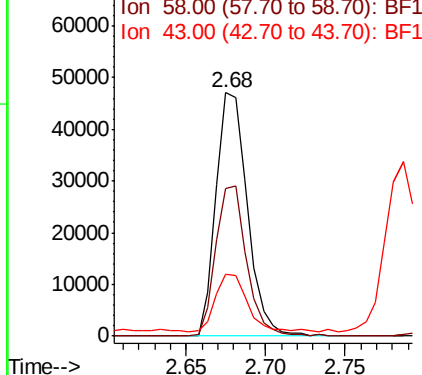


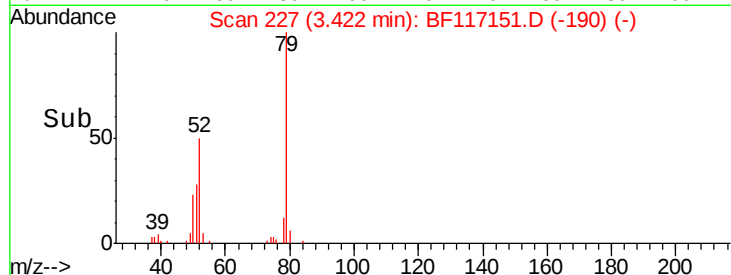
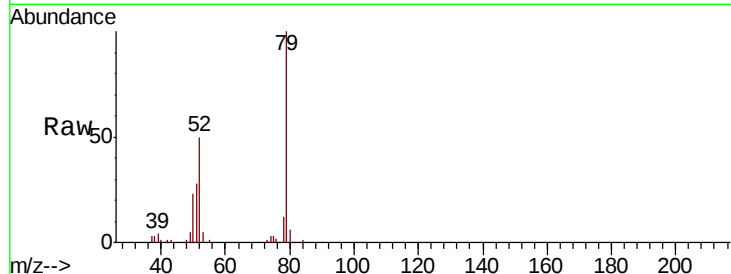
Abundance

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





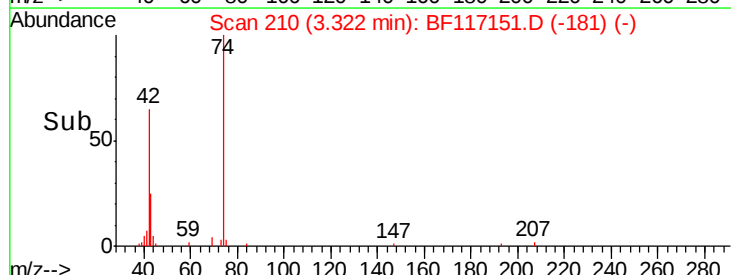
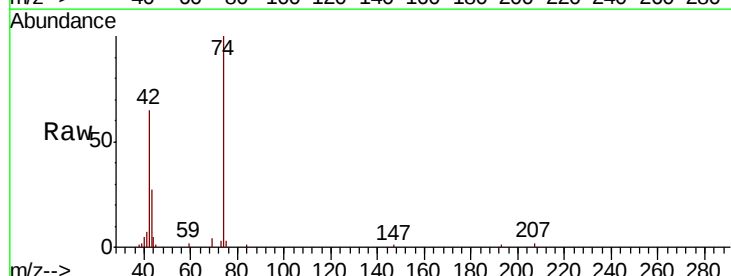
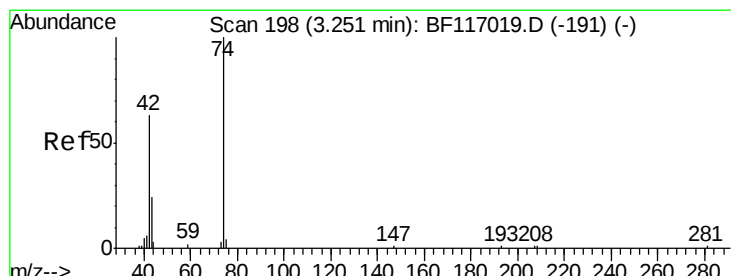
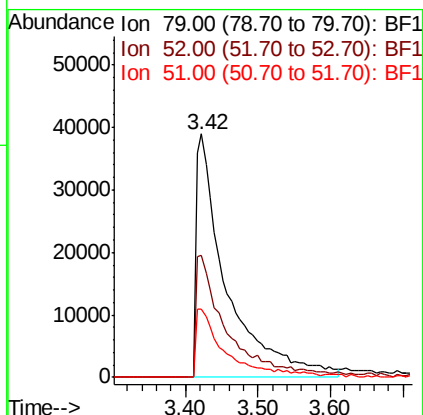
#3
Pvridine
Concen: 24.591 ng
RT: 3.42 min Scan# 227
Delta R.T. 0.12 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Tot Ion	79	Resp	113123
Ion Ratio	Lower	Upper	
79	100		
52	50.1	43.5	65.3
51	28.2	21.8	32.6

Instrument :
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ClientSampleId :
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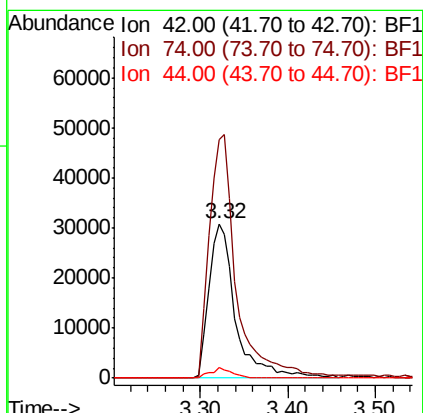
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#4
n-Nitrosodimethylamine
Concen: 41.371 ng
RT: 3.32 min Scan# 210
Delta R.T. 0.07 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Tgt Ion	42	Resp	65311
Ion Ratio	Lower	Upper	
42	100		
74	154.1	127.1	190.7
44	7.3	4.3	6.5#





#5

2-Fluorophenol

Concen: 117.021 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Instrument :

BNA_F

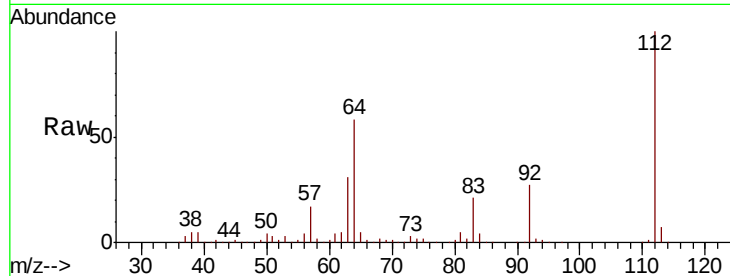
ClientSampleId :

PL-02-091619MS

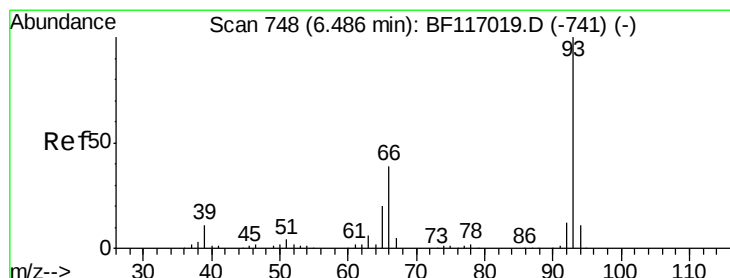
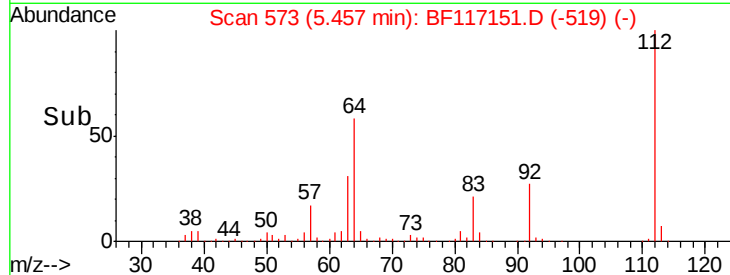
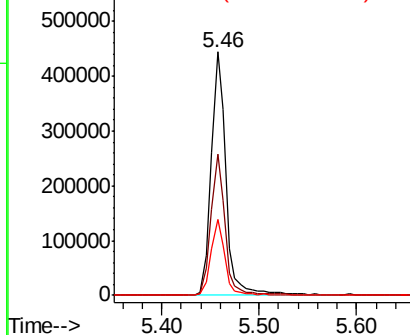
Tot Ion:	112	Resp:	470011
Ion Ratio	Lower	Upper	
112	100		
64	57.9	45.7	68.5
63	31.2	24.9	37.3

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.635 ng

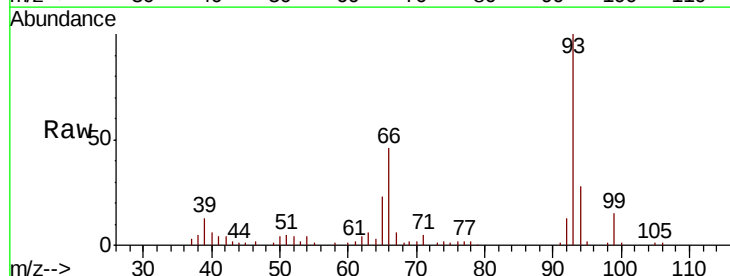
RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

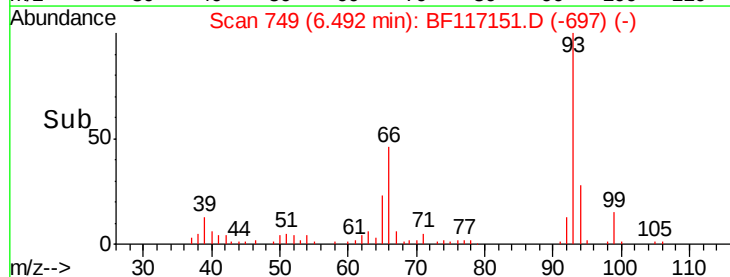
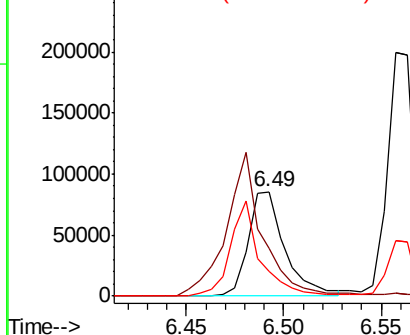
Lab File: BF117151.D

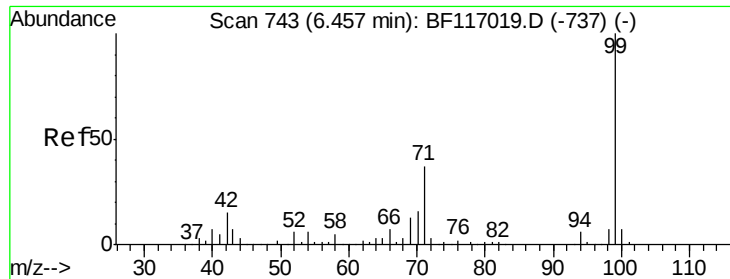
Acq: 18 Sep 2019 18:14

Tgt Ion:	93	Resp:	111174
Ion Ratio	Lower	Upper	
93	100		
66	46.4	32.6	49.0
65	23.5	16.7	25.1



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.054 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Instrument :

BNA_F

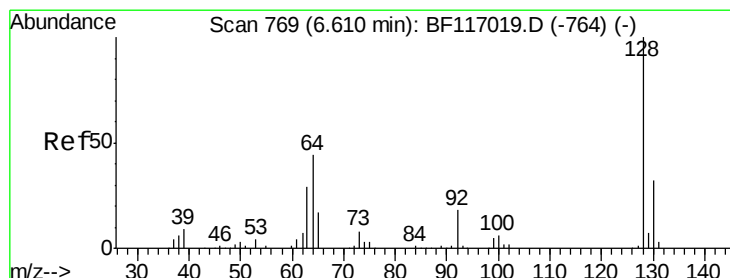
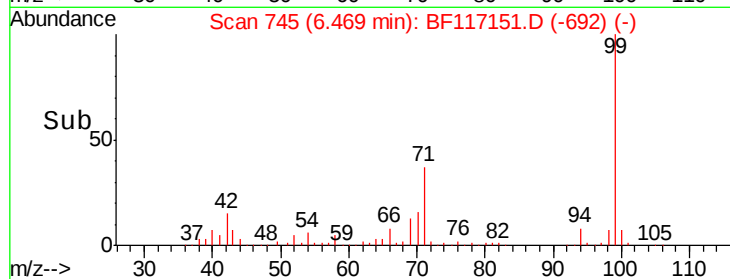
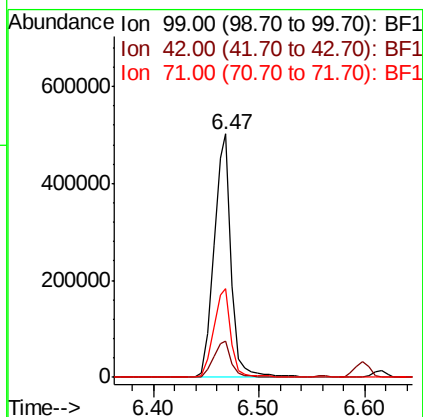
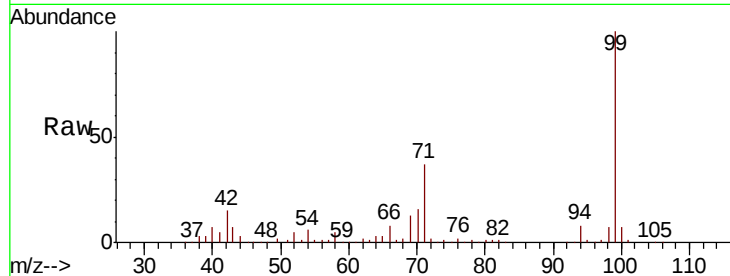
ClientSampleId :

PL-02-091619MS

Tot Ion:	99	Resp:	576453
Ion Ratio	Lower	Upper	
99	100		
42	14.8	12.2	18.2
71	36.7	29.8	44.8

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#8

2-Chlorophenol

Concen: 45.274 ng

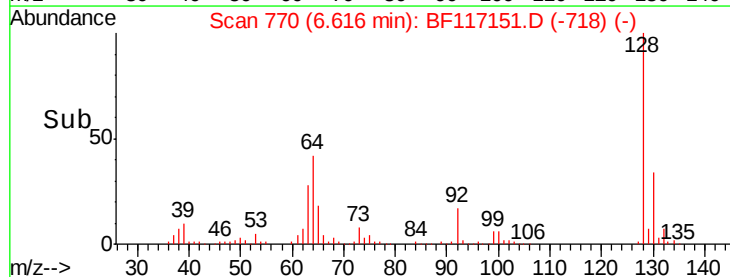
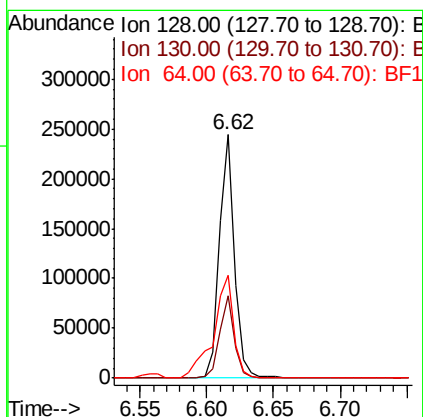
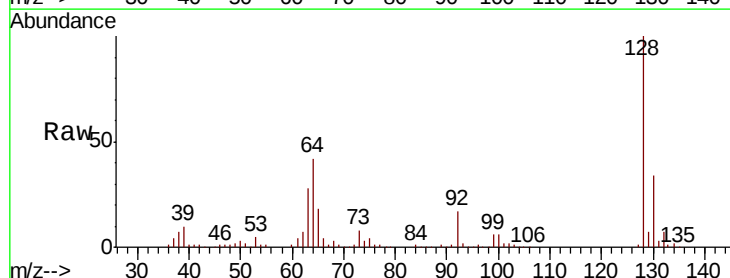
RT: 6.62 min Scan# 770

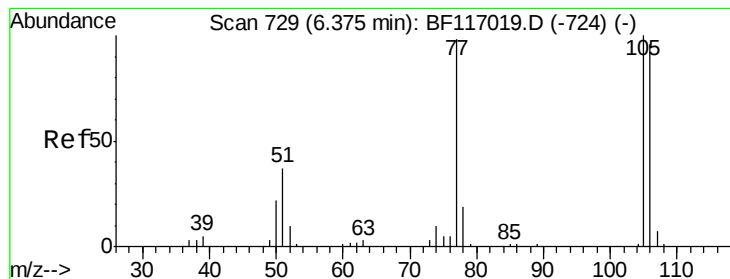
Delta R.T. 0.01 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Tgt Ion:	128	Resp:	196171
Ion Ratio	Lower	Upper	
128	100		
130	33.8	11.8	51.8
64	42.0	25.0	65.0





#9

Benzaldehyde

Concen: 34.962 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Instrument :

BNA_F

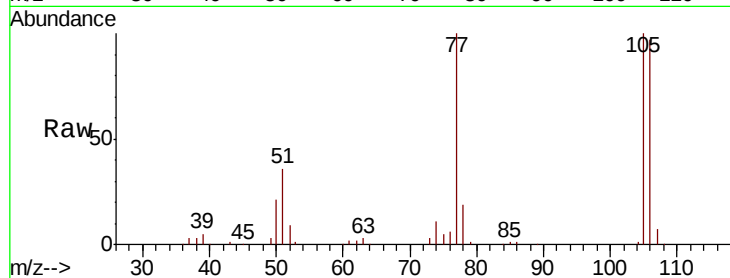
ClientSampleId :

PL-02-091619MS

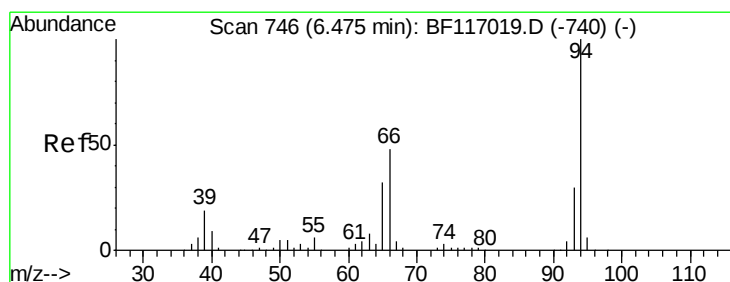
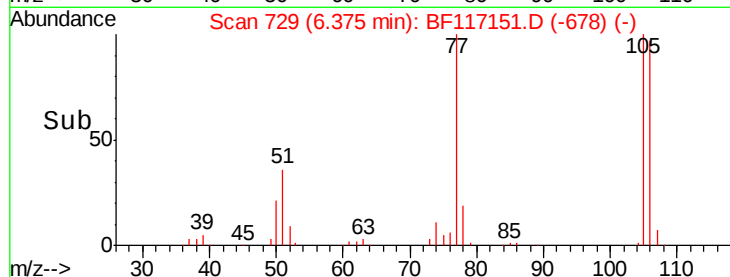
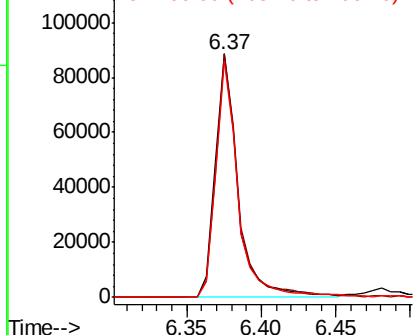
Tot Ion:	77	Resp:	93760
Ion	Ratio	Lower	Upper
77	100		
105	100.2	81.8	121.8
106	97.1	77.3	117.3

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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 37.952 ng

RT: 6.48 min Scan# 747

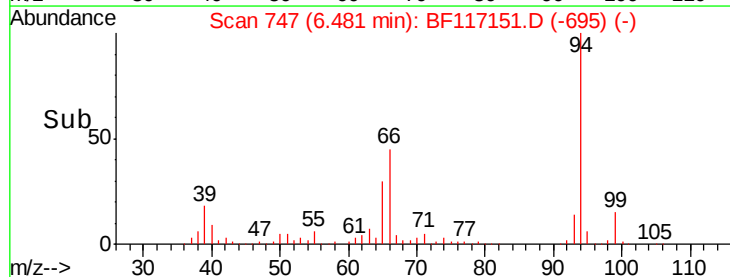
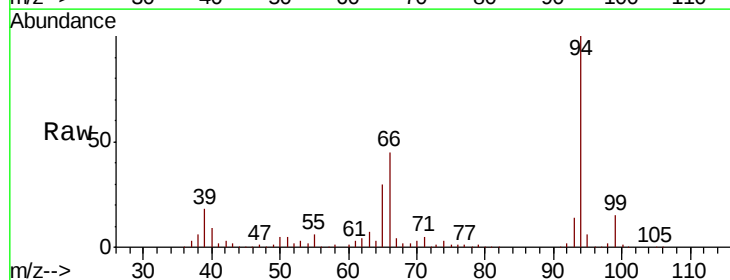
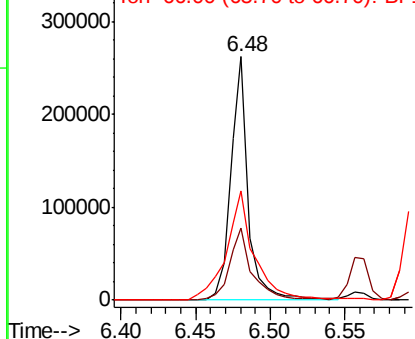
Delta R.T. 0.01 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Tgt Ion:	94	Resp:	217172
Ion	Ratio	Lower	Upper
94	100		
65	29.7	12.5	52.5
66	44.9	28.9	68.9

Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





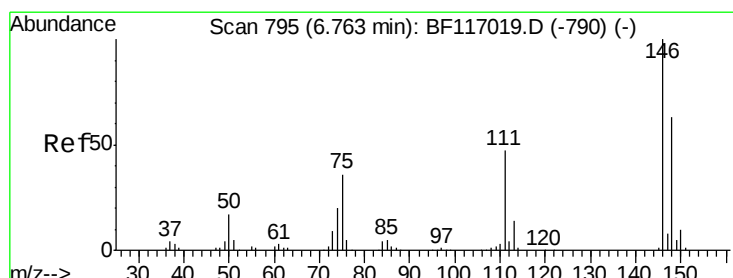
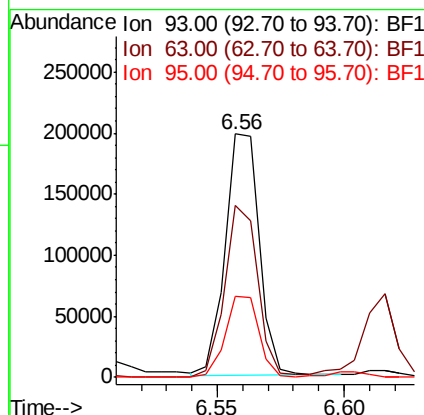
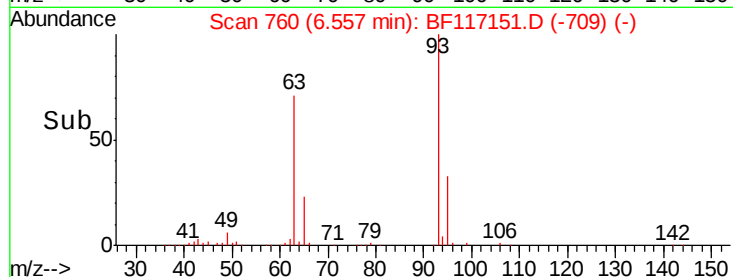
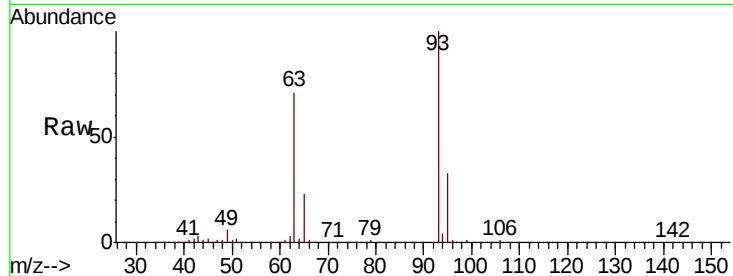
#11
bis(2-Chloroethyl)ether
Concen: 43.867 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MS

Tot Ion:	93	Resp:	184491
Ion Ratio	Lower	Upper	
93	100		
63	70.9	49.3	89.3
95	33.1	11.5	51.5

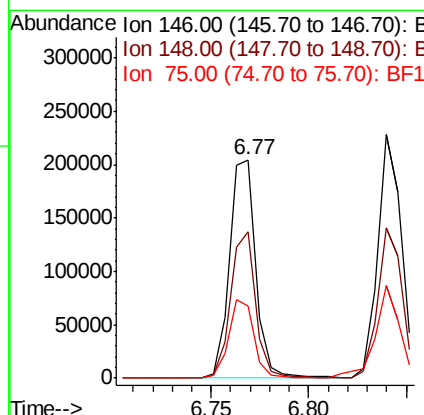
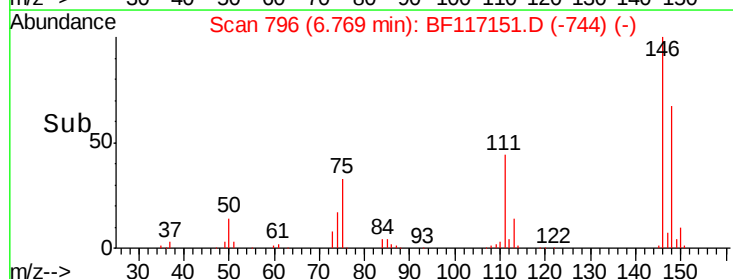
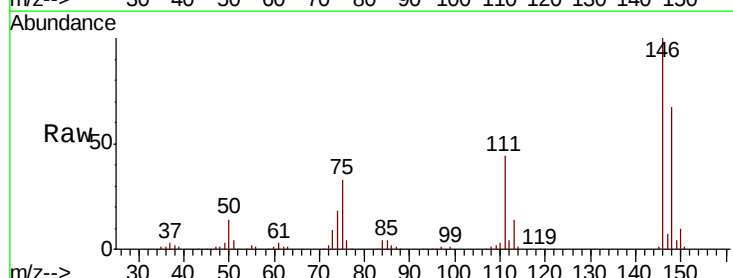
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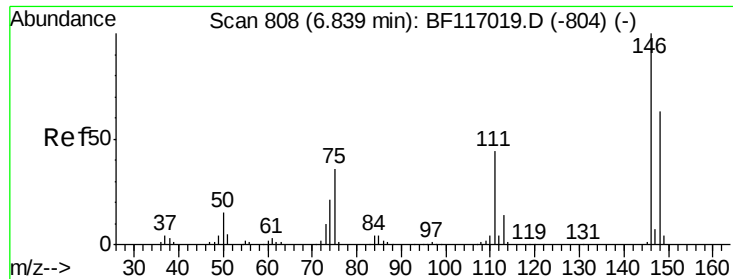
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#12
1,3-Dichlorobenzene
Concen: 39.399 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Tgt Ion:	146	Resp:	191567
Ion Ratio	Lower	Upper	
146	100		
148	67.0	50.8	76.2
75	33.0	28.7	43.1





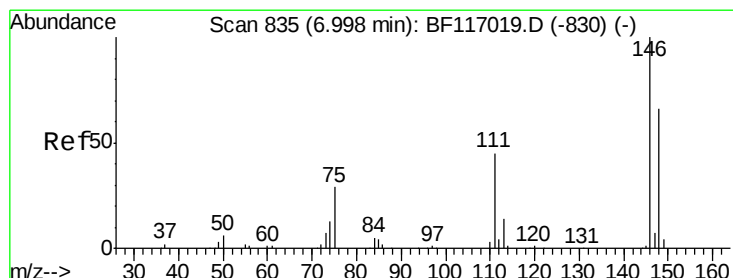
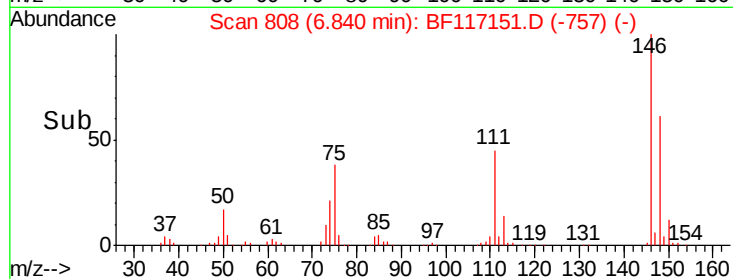
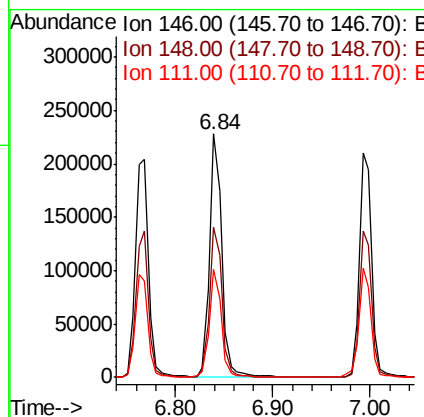
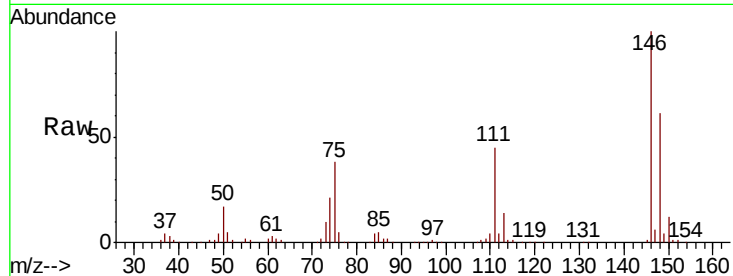
#13
 1,4-Dichlorobenzene
 Concen: 40.115 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF117151.D
 Acq: 18 Sep 2019 18:14

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-091619MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.4	50.6	76.0
111	44.5	35.0	52.6

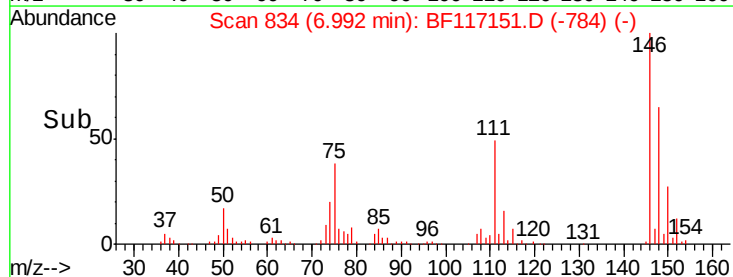
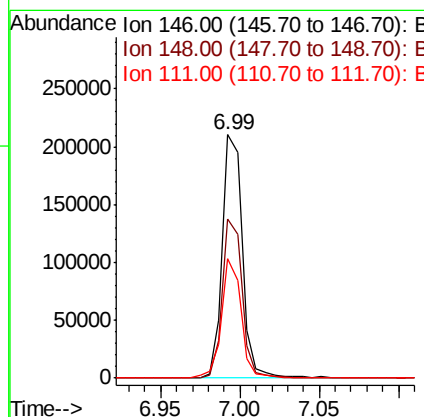
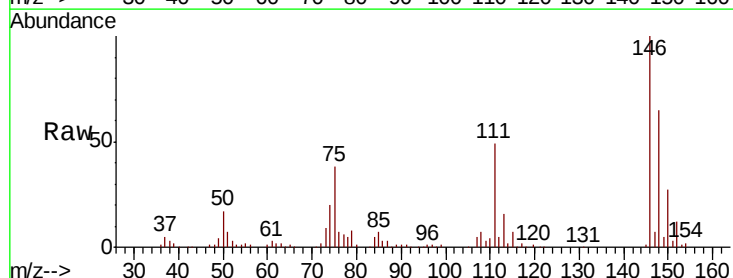
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#14
 1,2-Dichlorobenzene
 Concen: 39.622 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF117151.D
 Acq: 18 Sep 2019 18:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.6	78.8
111	48.9	36.2	54.2





#15

Benzyl Alcohol

Concen: 44.729 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Instrument :

BNA_F

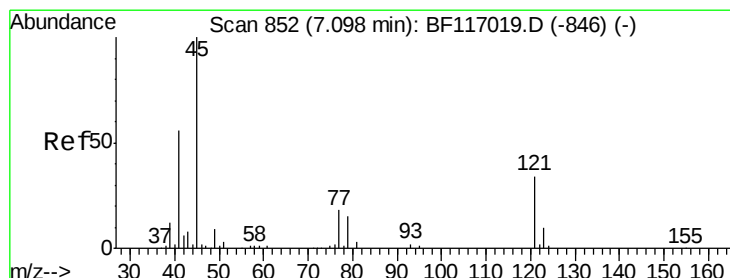
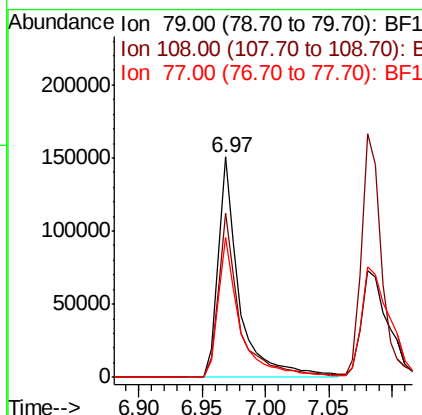
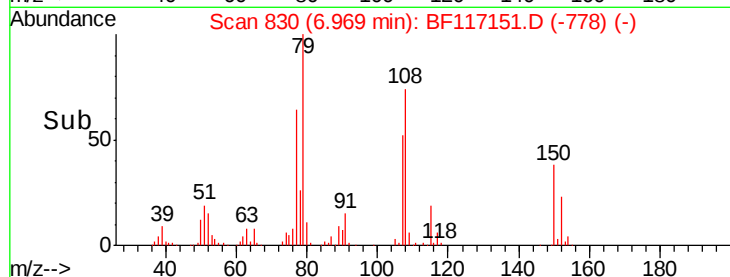
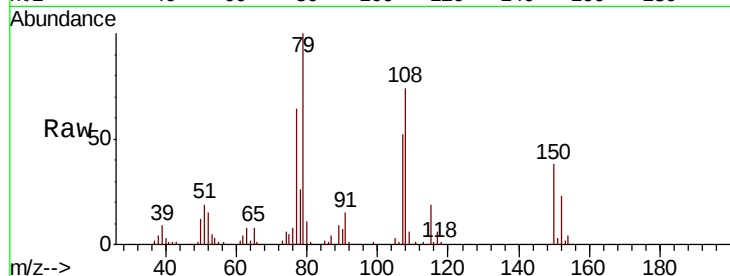
ClientSampleId :

PL-02-091619MS

Tot Ion:	79	Resp:	178046
Ion	Ratio	Lower	Upper
79	100		
108	74.3	59.4	89.0
77	63.6	50.2	75.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.163 ng

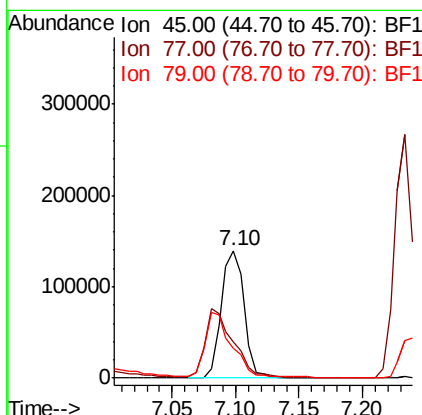
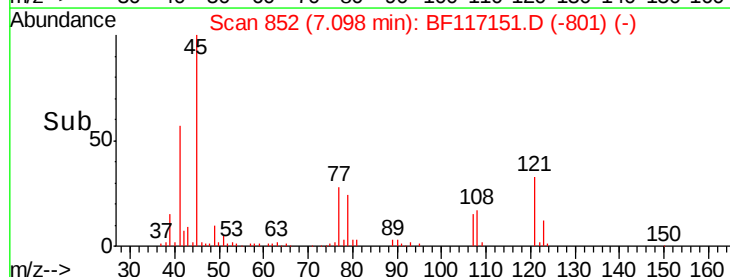
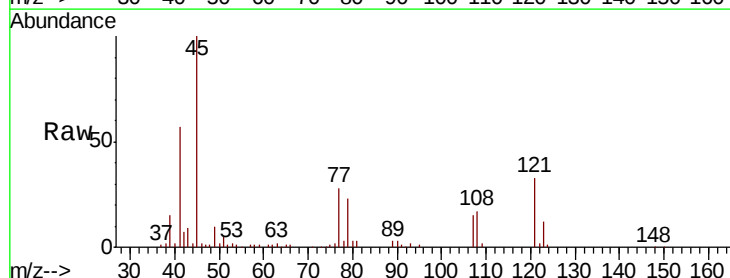
RT: 7.10 min Scan# 852

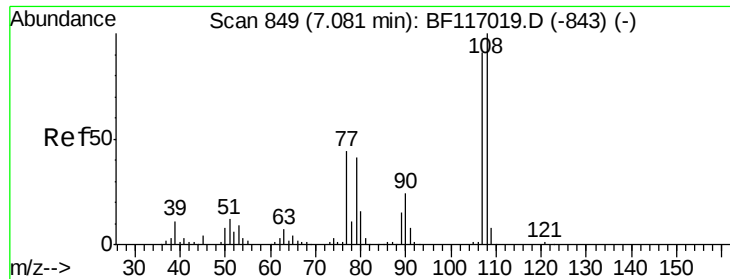
Delta R.T. 0.00 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Tgt Ion:	45	Resp:	175195
Ion	Ratio	Lower	Upper
45	100		
77	28.1	2.7	42.7
79	23.4	0.0	38.9





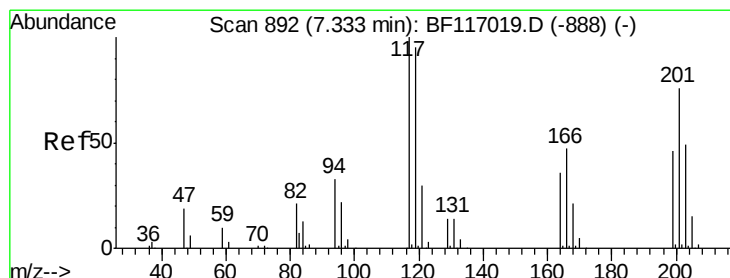
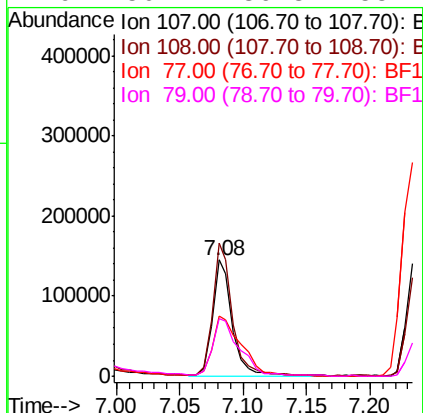
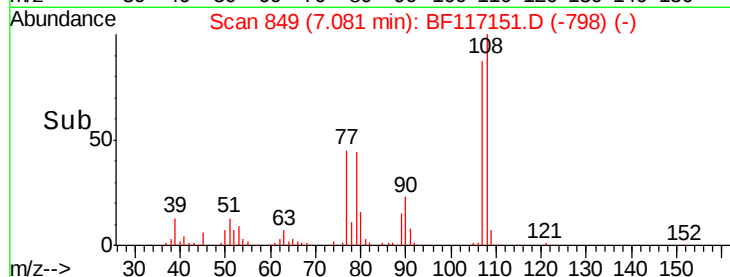
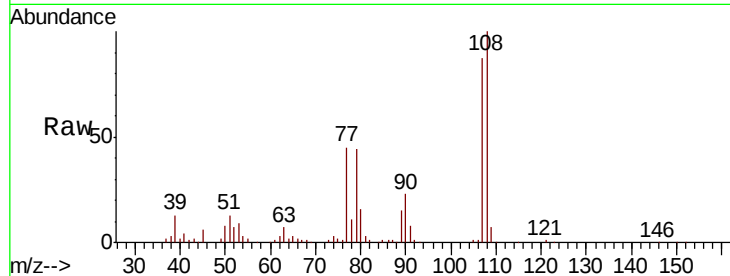
#17
2-Methylphenol
Concen: 43.488 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.0	87.7	131.5	
77	52.2	38.6	58.0	
79	50.1	36.8	55.2	

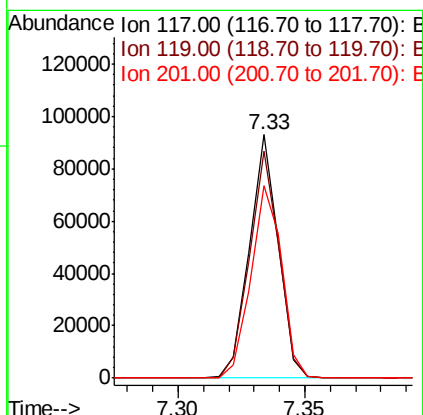
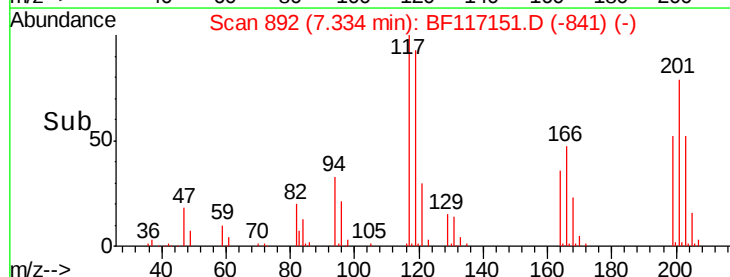
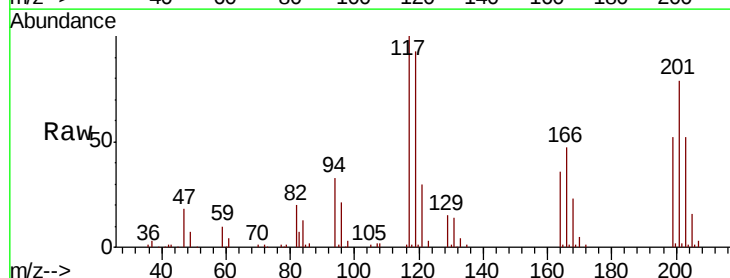
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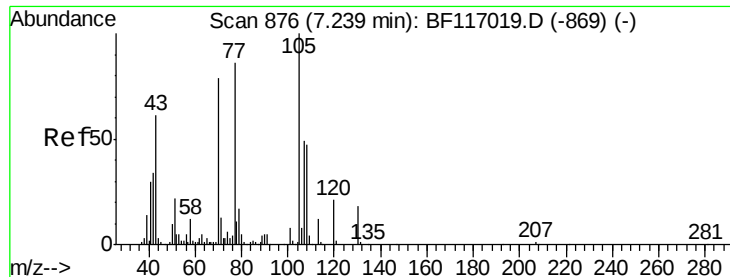
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#18
Hexachloroethane
Concen: 38.674 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.5	75.8	113.8	
201	79.1	60.9	91.3	





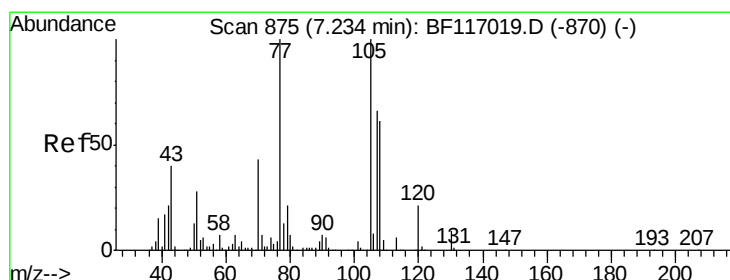
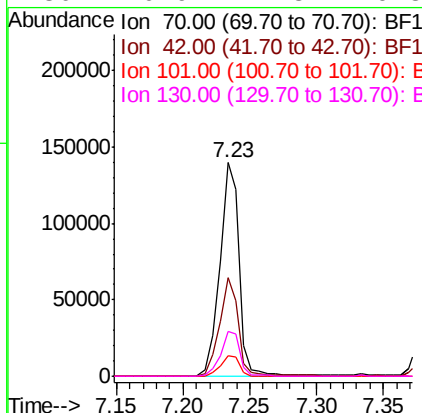
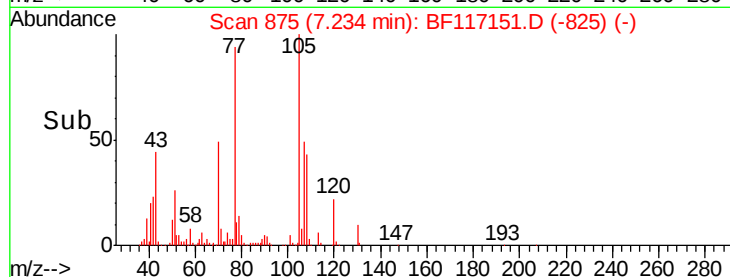
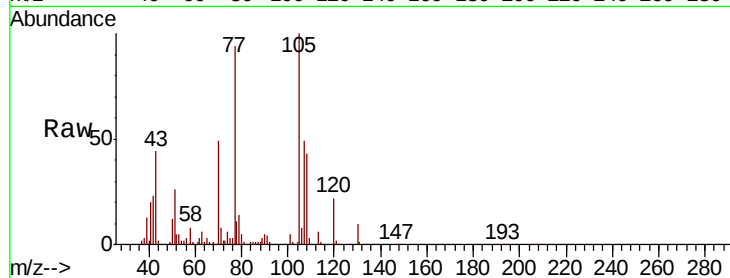
#19
n-Nitroso-di-n-propylamine
Concen: 45.294 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	45.9	34.0	51.0
101	9.7	7.8	11.6
130	20.9	17.8	26.8

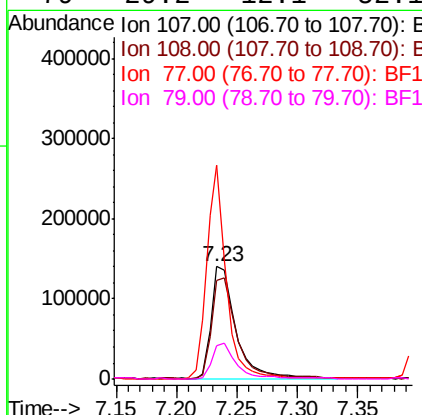
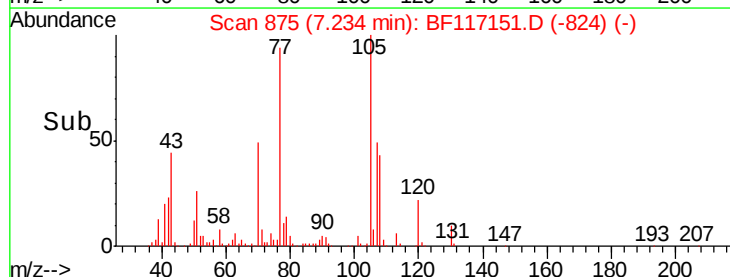
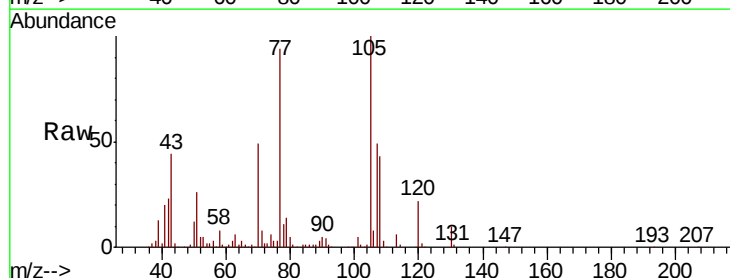
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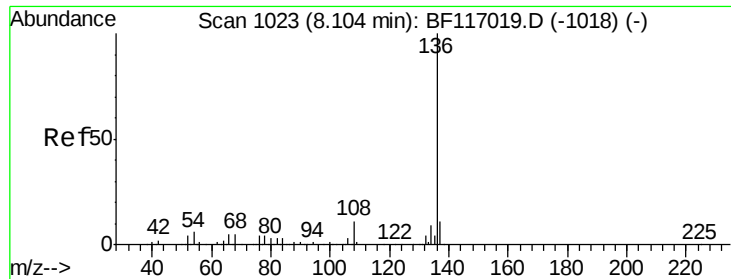
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#20
3+4-Methylphenols
Concen: 43.249 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	72.6	112.6
77	190.2	132.1	172.1#
79	29.2	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: BF117151.D

Acq: 18 Sep 2019 18:14

Instrument :

BNA_F

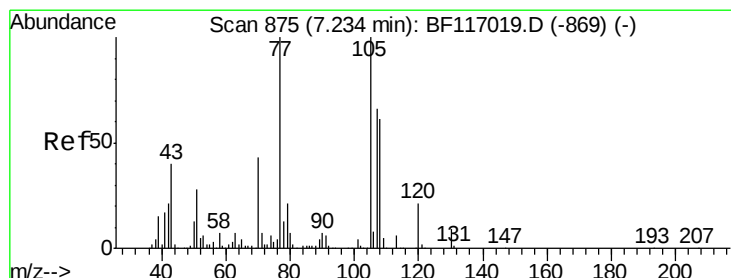
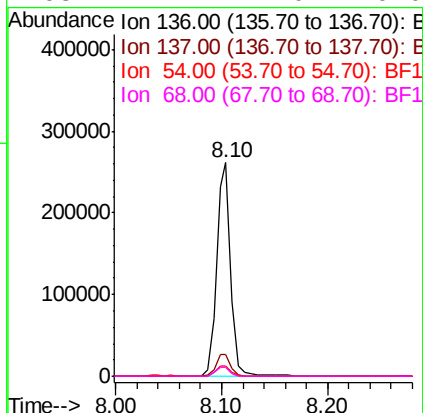
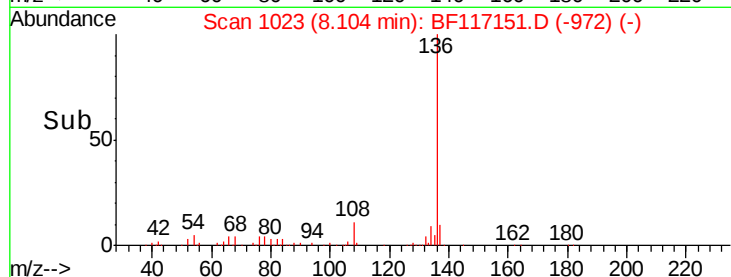
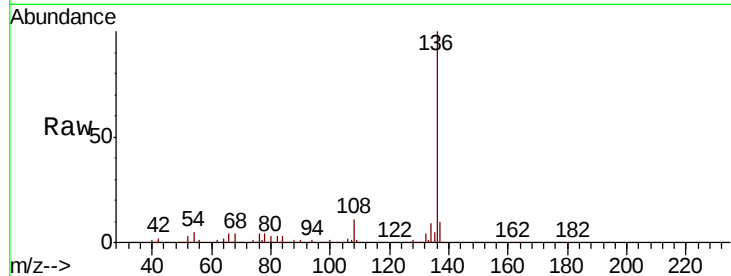
ClientSampleId :

PL-02-091619MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	245864		
137	10.0	9.0	13.4	
54	4.8	4.5	6.7	
68	4.4	4.0	6.0	

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#22

Acetophenone

Concen: 47.517 ng

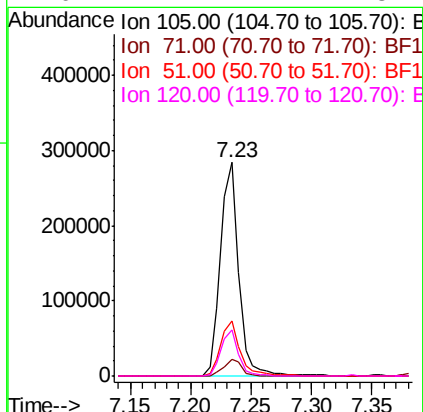
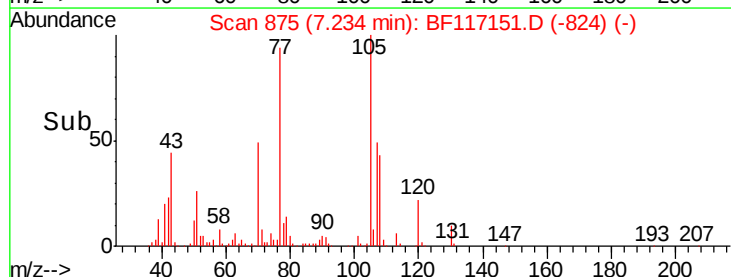
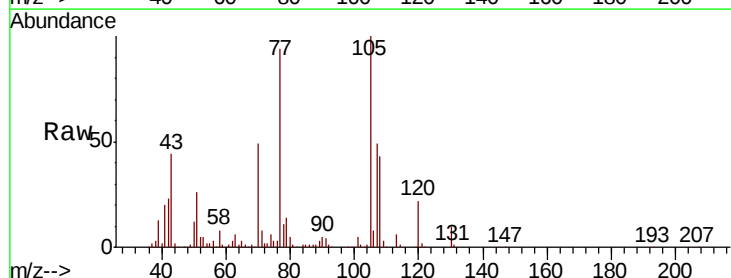
RT: 7.23 min Scan# 875

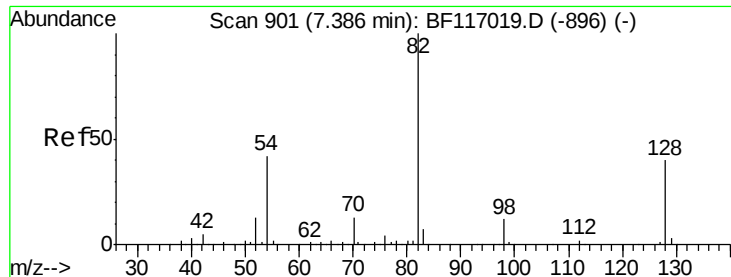
Delta R.T. 0.00 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	296823		
71	8.1	5.7	8.5	
51	26.0	22.1	33.1	
120	21.7	17.1	25.7	





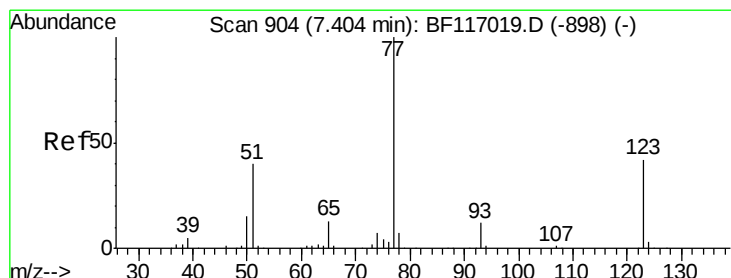
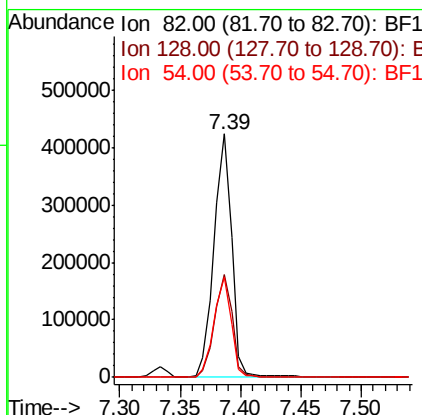
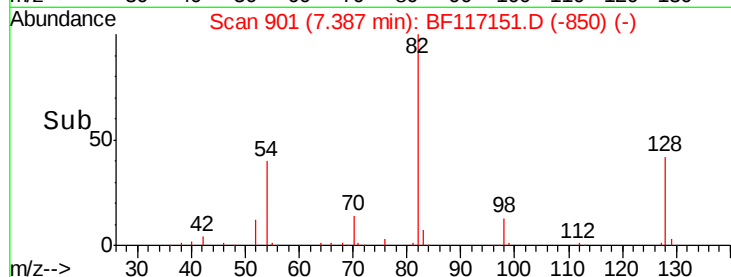
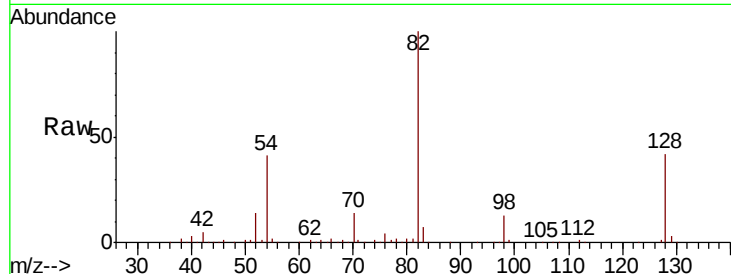
#23
Nitrobenzene-d5
Concen: 91.627 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MS

Tot Ion	82	Resp	428755
Ion Ratio	Lower	Upper	
82	100		
128	42.3	32.3	48.5
54	41.1	33.3	49.9

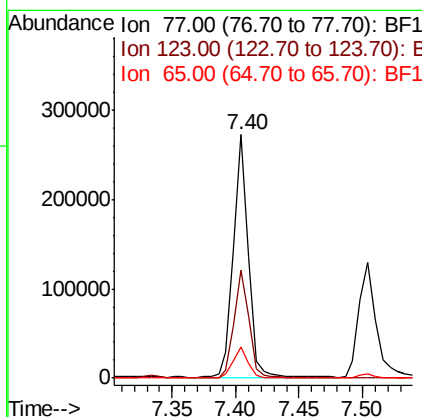
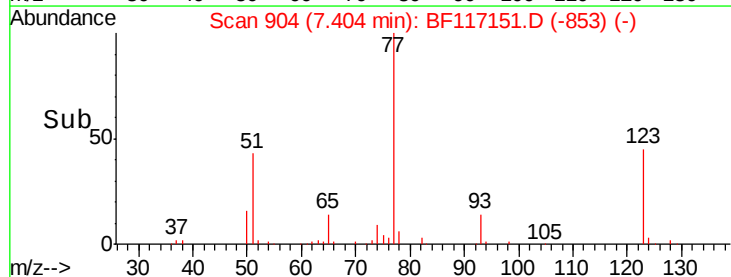
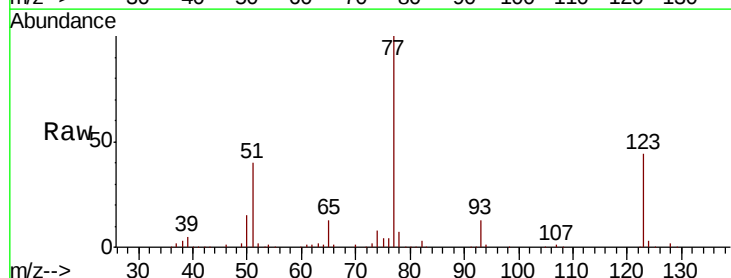
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#24
Nitrobenzene
Concen: 48.021 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Tgt Ion	77	Resp	221907
Ion Ratio	Lower	Upper	
77	100		
123	44.5	33.5	50.3
65	12.9	10.5	15.7





#25

Isophorone

Concen: 47.090 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Instrument :

BNA_F

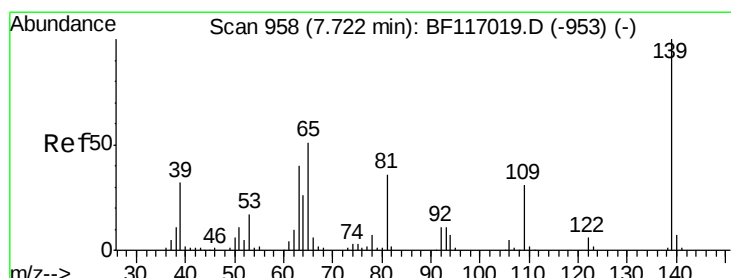
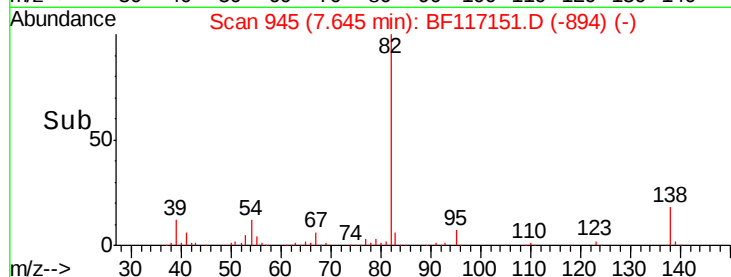
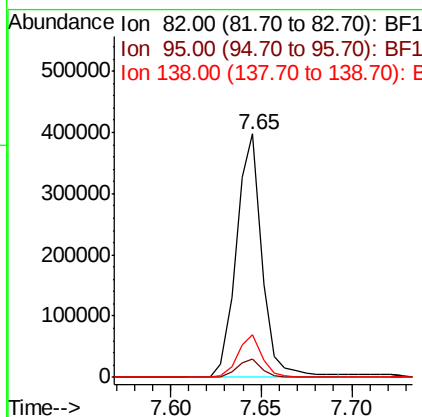
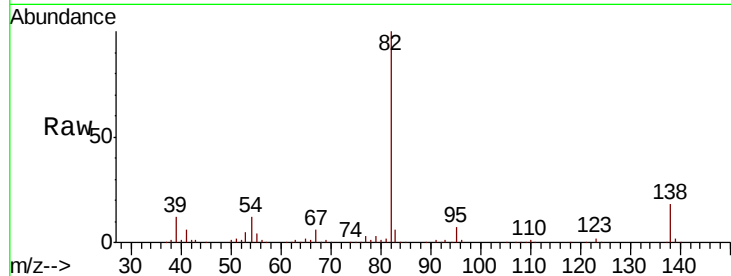
ClientSampleId :

PL-02-091619MS

Tot Ion:	82	Resp:	390147
Ion Ratio		Lower	Upper
82	100		
95	7.4	5.8	8.6
138	17.7	13.5	20.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.821 ng

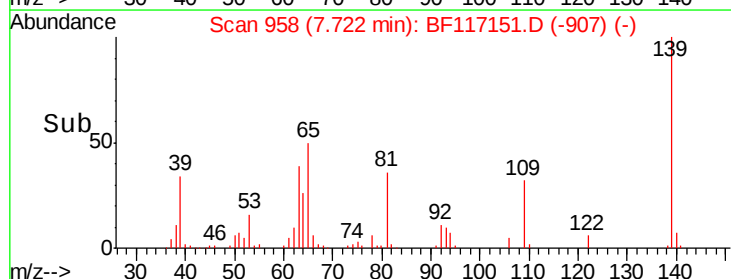
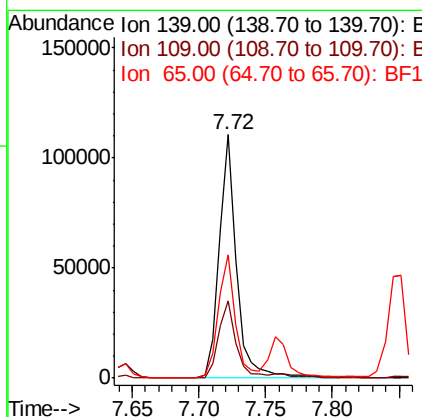
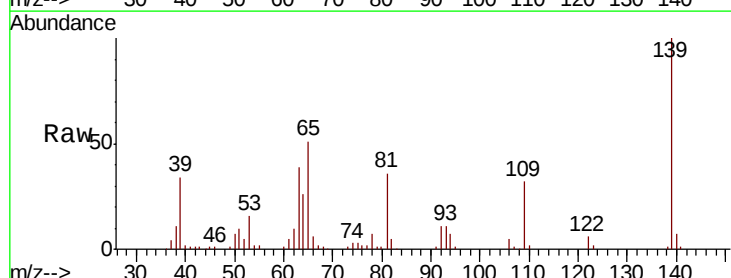
RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Tgt Ion:	139	Resp:	102860
Ion Ratio		Lower	Upper
139	100		
109	31.9	24.6	36.8
65	50.6	40.9	61.3





#27

2,4-Dimethylphenol

Concen: 54.158 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Instrument :

BNA_F

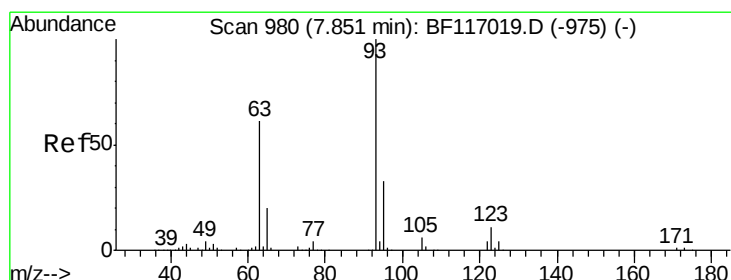
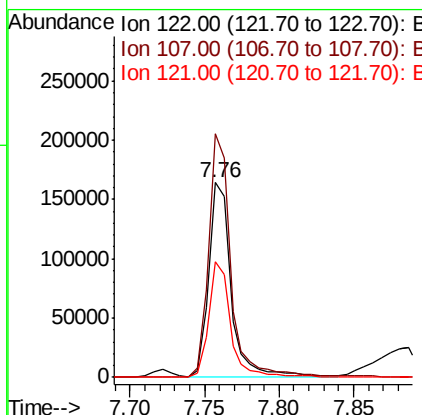
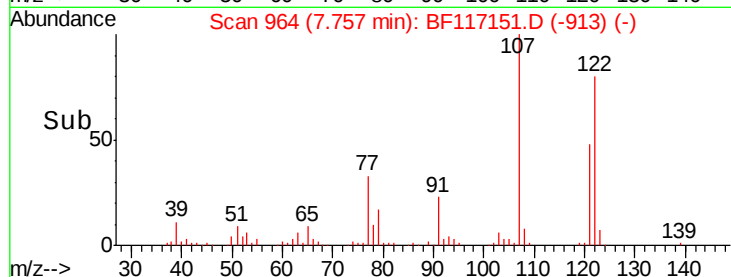
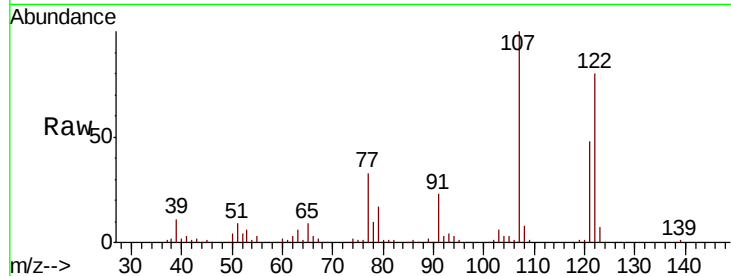
ClientSampleId :

PL-02-091619MS

Tot Ion:	122	Resp:	170470
Ion Ratio	Lower	Upper	
122	100		
107	125.2	98.9	148.3
121	59.6	45.3	67.9

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#28

bis(2-Chloroethoxy)methane

Concen: 46.373 ng

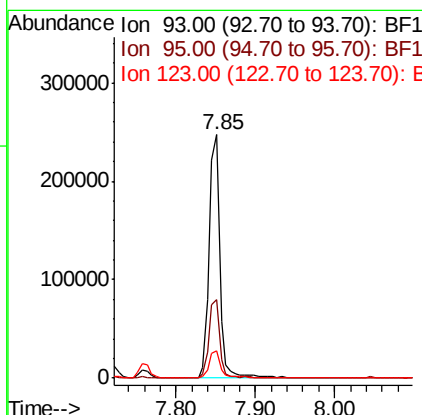
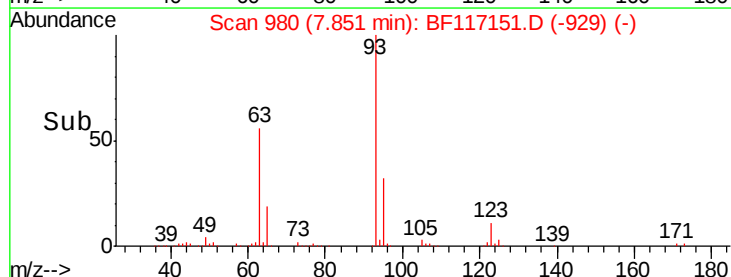
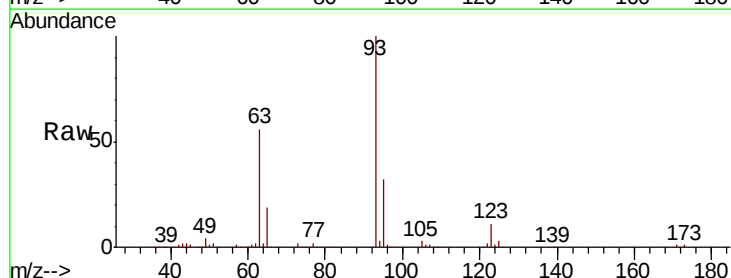
RT: 7.85 min Scan# 980

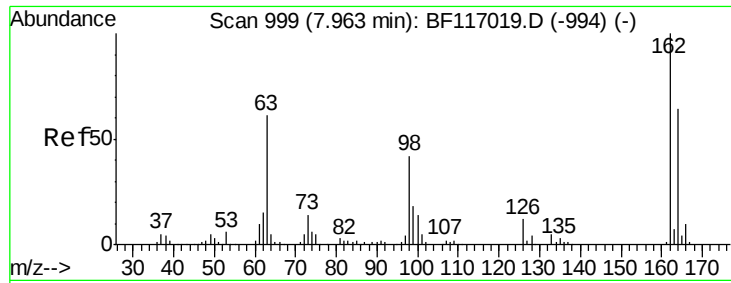
Delta R.T. 0.00 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Tgt Ion:	93	Resp:	236715
Ion Ratio	Lower	Upper	
93	100		
95	32.0	26.2	39.4
123	11.3	9.0	13.6





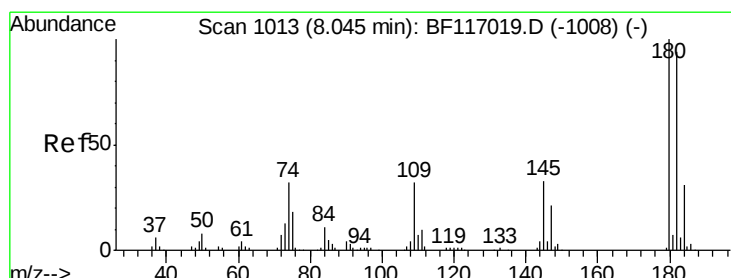
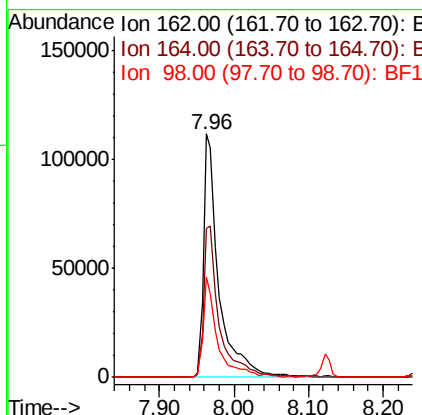
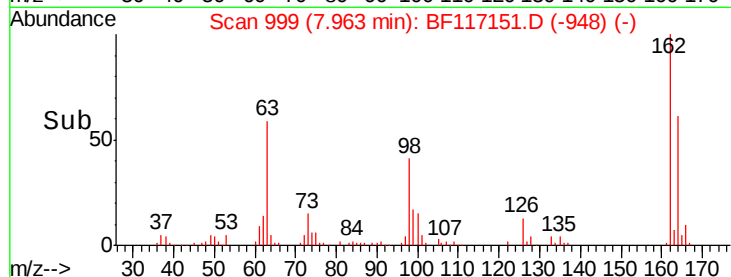
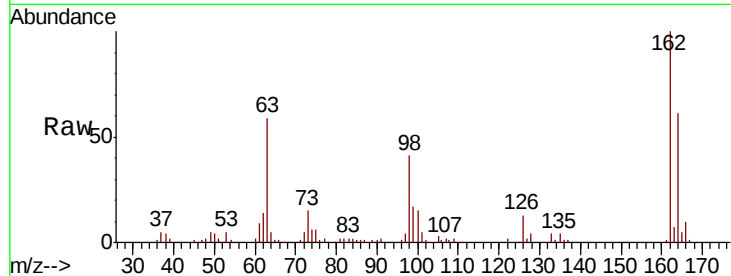
#29
2,4-Dichlorophenol
Concen: 49.588 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	163548		
164	61.3	43.8	83.8	
98	41.1	22.1	62.1	

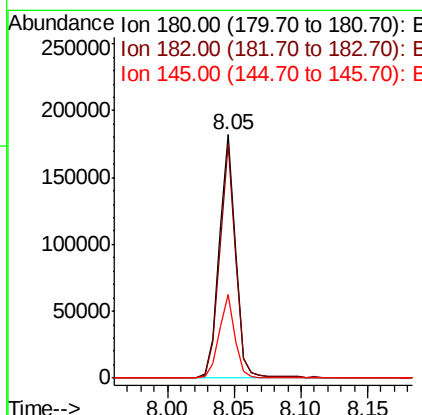
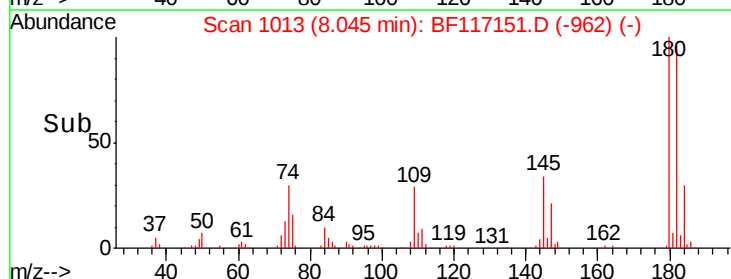
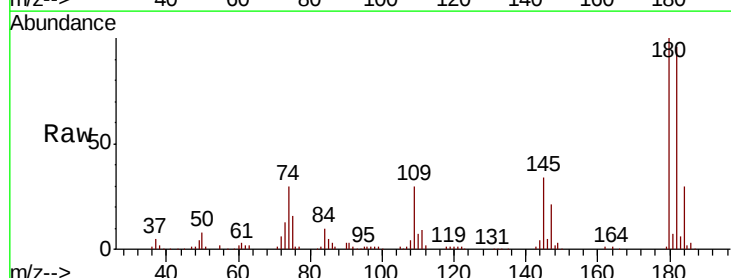
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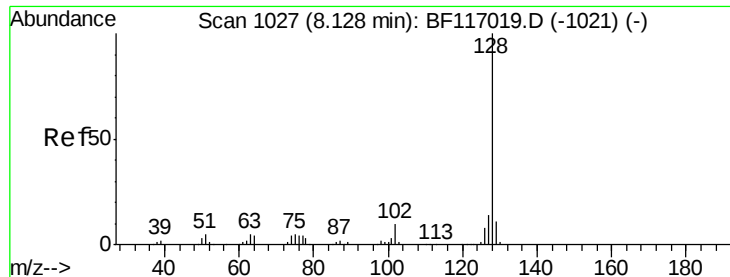
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#30
1,2,4-Trichlorobenzene
Concen: 44.659 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	159129		
182	96.4	75.4	113.0	
145	34.2	26.7	40.1	





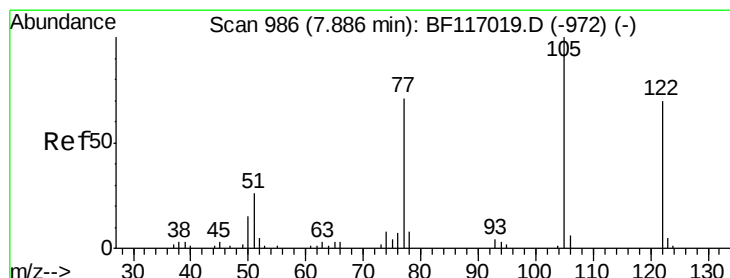
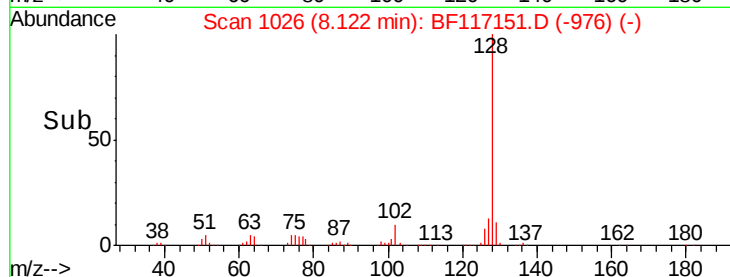
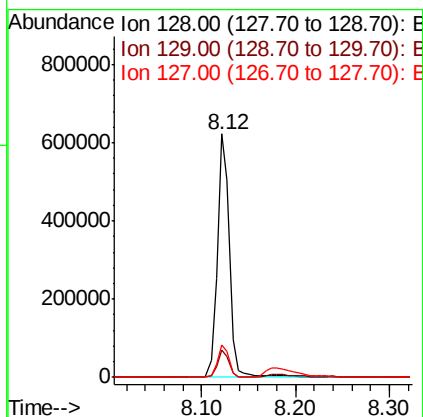
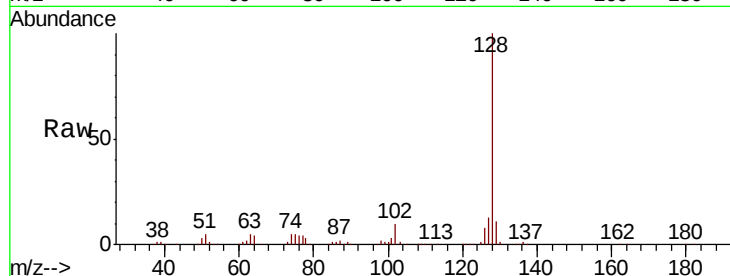
#31
Naphthalene
Concen: 47.788 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.2	9.0	13.4	
127	13.2	10.8	16.2	

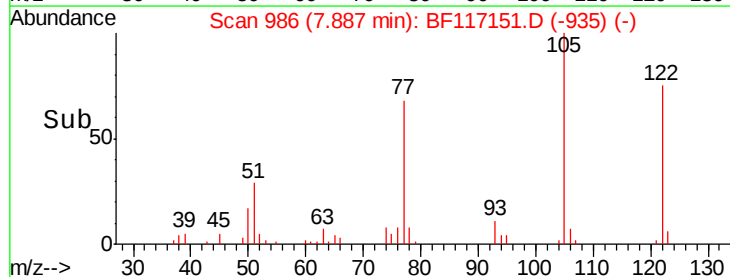
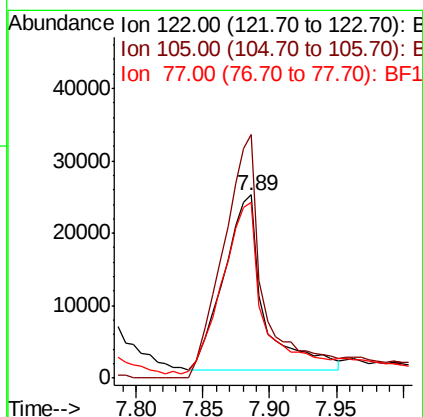
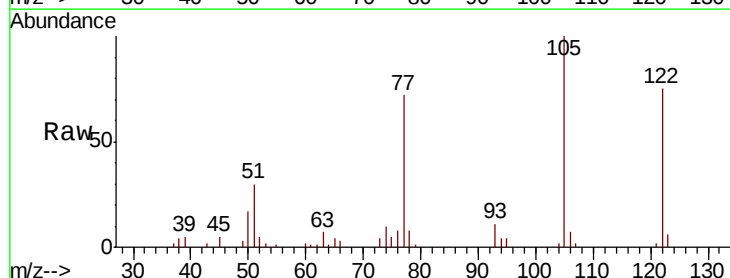
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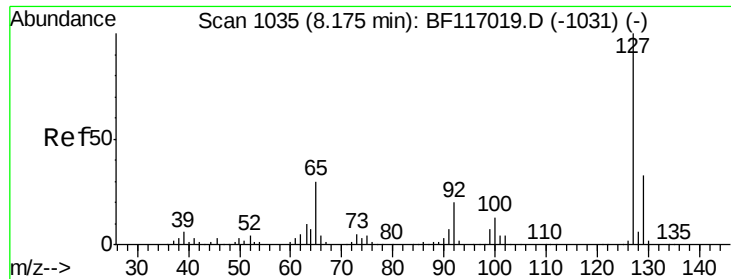
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#32
Benzoic acid
Concen: 25.046 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	133.1	114.8	154.8	
77	96.4	78.7	118.7	





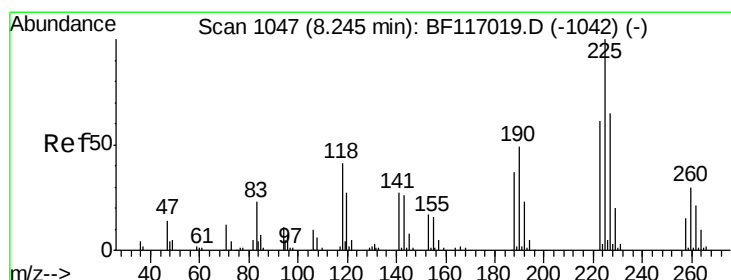
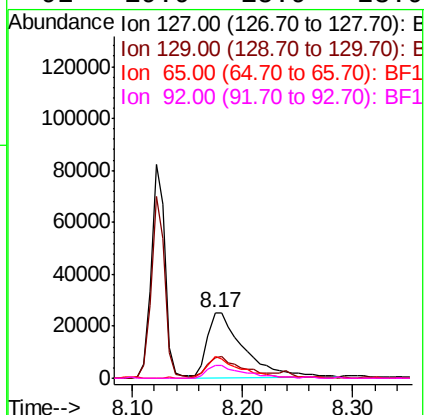
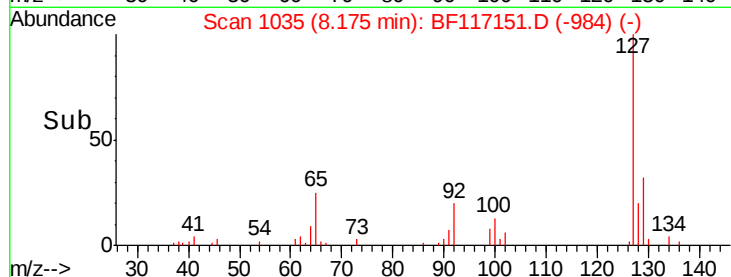
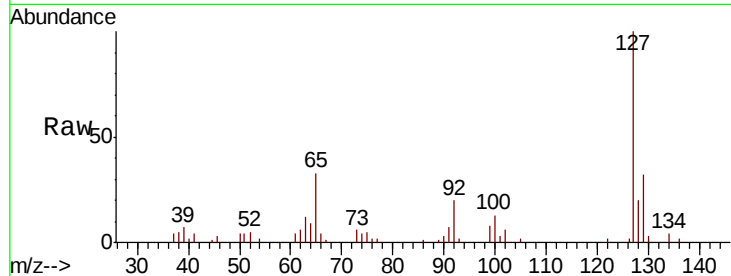
#33
4-Chloroaniline
Concen: 10.690 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.2
65	32.7	23.5	35.3
92	19.9	15.9	23.9

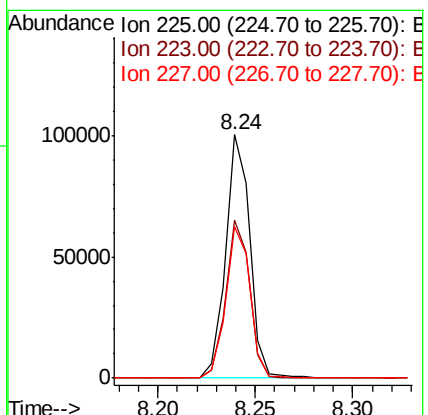
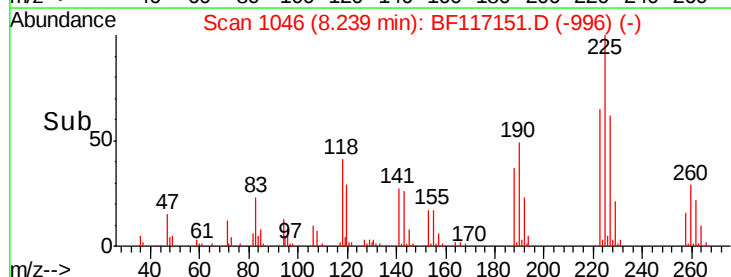
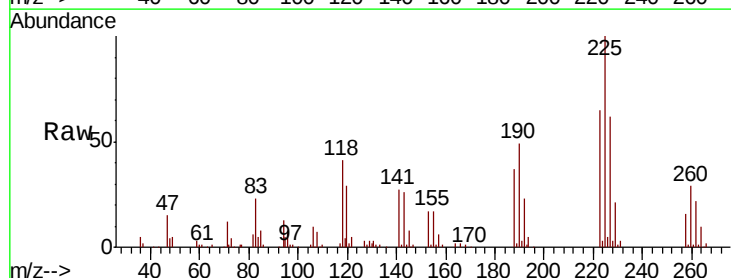
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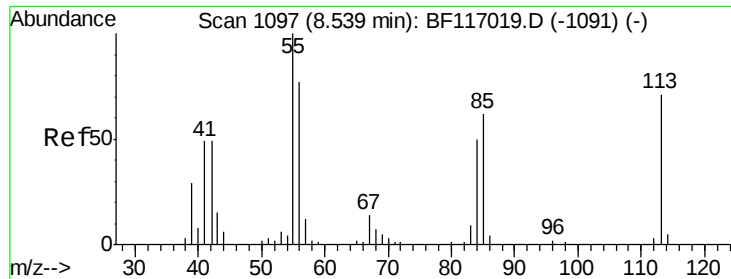
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#34
Hexachlorobutadiene
Concen: 42.526 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	49.1	73.7
227	62.2	52.2	78.2





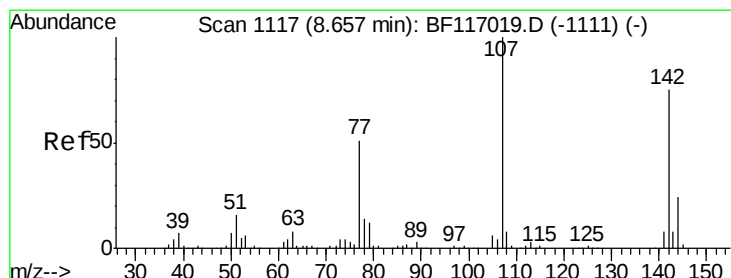
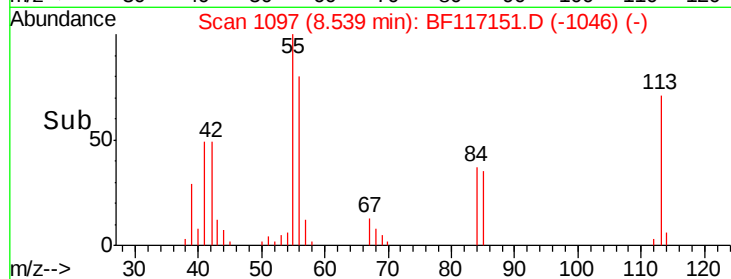
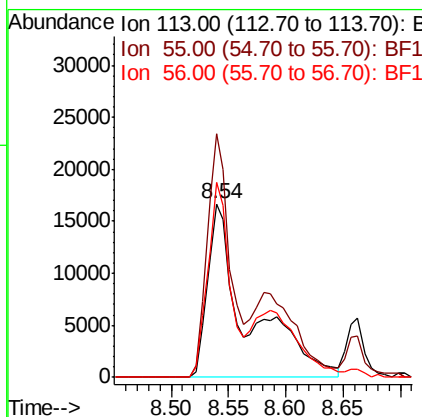
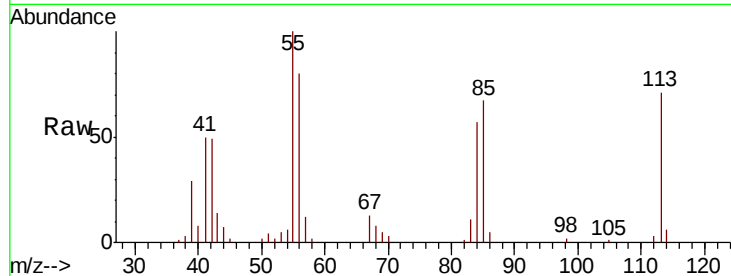
#35
 Caprolactam
 Concen: 36.163 ng/ml
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF117151.D
 Acq: 18 Sep 2019 18:14

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-091619MS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	140.5	120.6	160.6	
56	112.7	88.8	128.8	

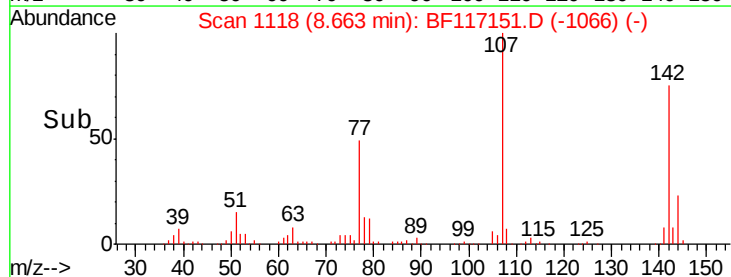
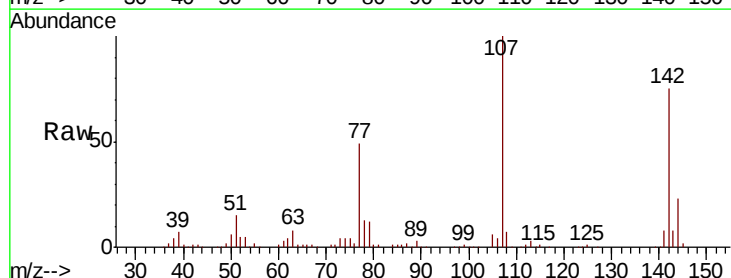
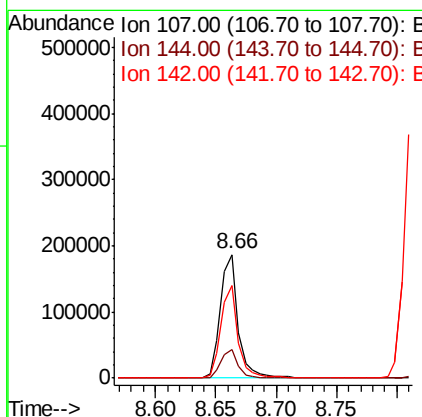
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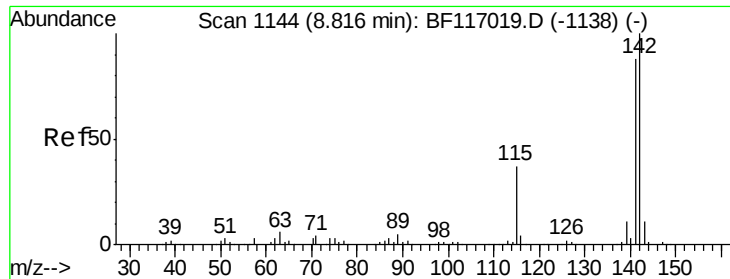
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#36
 4-Chloro-3-methylphenol
 Concen: 49.520 ng/ml
 RT: 8.66 min Scan# 1118
 Delta R.T. 0.01 min
 Lab File: BF117151.D
 Acq: 18 Sep 2019 18:14

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	23.0	19.2	28.8	
142	74.8	59.6	89.4	





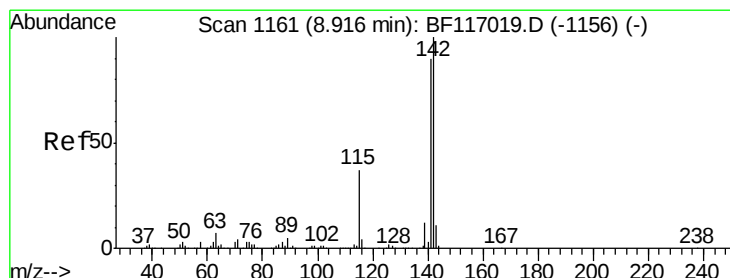
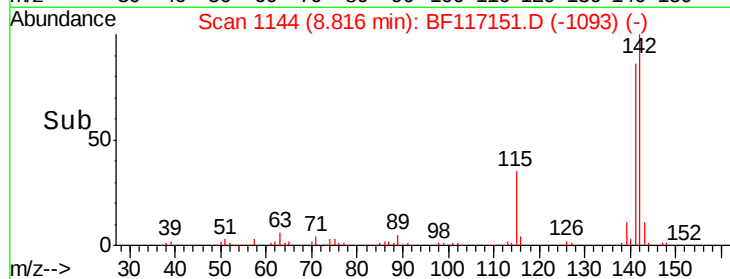
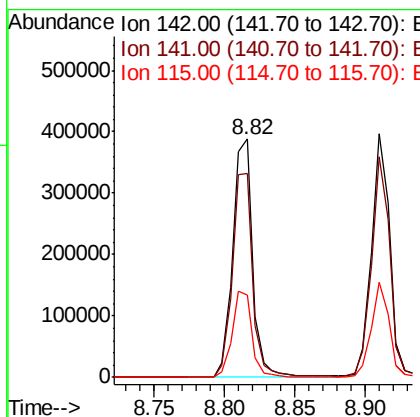
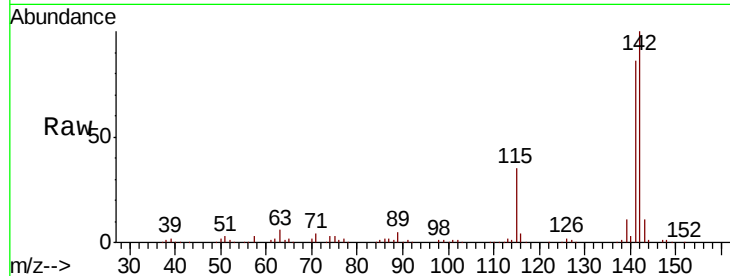
#37
2-Methylnaphthalene
Concen: 48.290 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.6	70.7	106.1
115	34.7	29.4	44.0

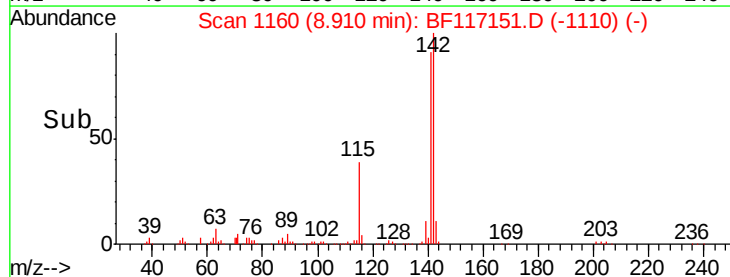
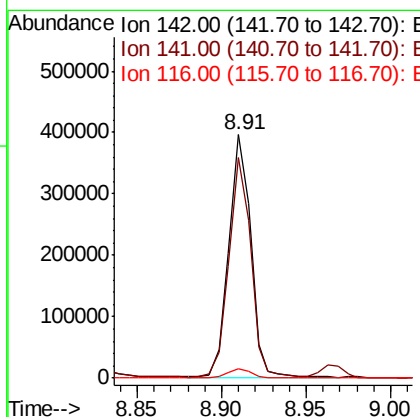
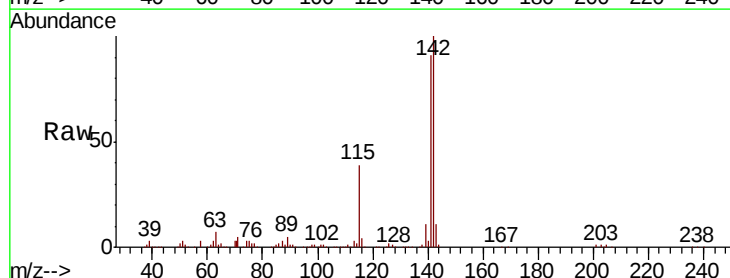
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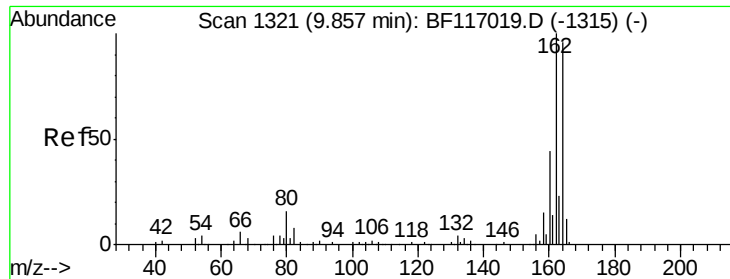
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#38
1-Methylnaphthalene
Concen: 47.843 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.9	107.9
116	4.0	3.2	4.8





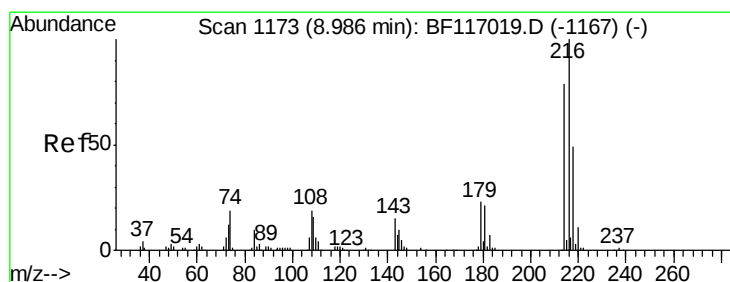
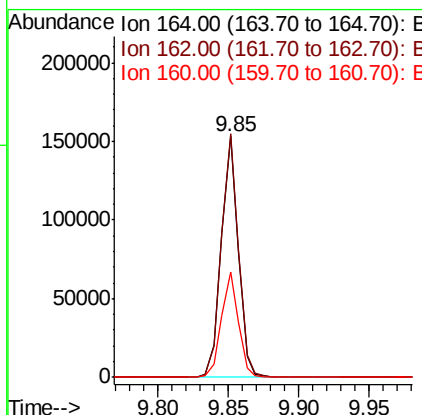
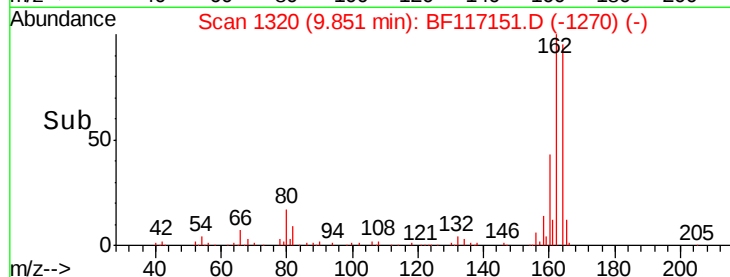
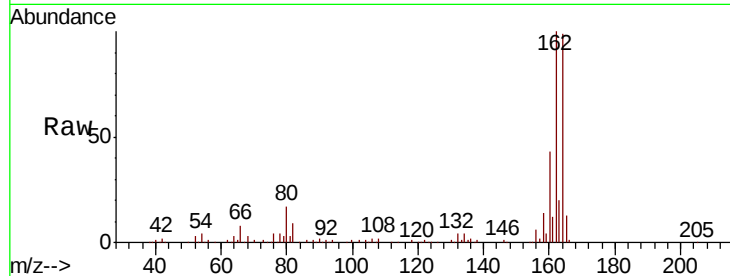
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.2	83.4	125.2	
160	43.8	36.4	54.6	

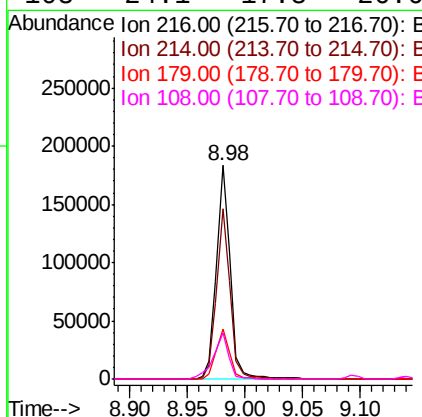
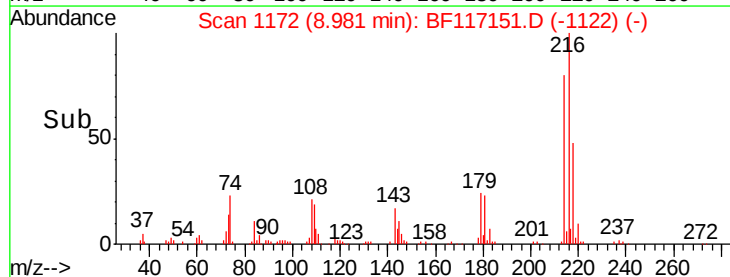
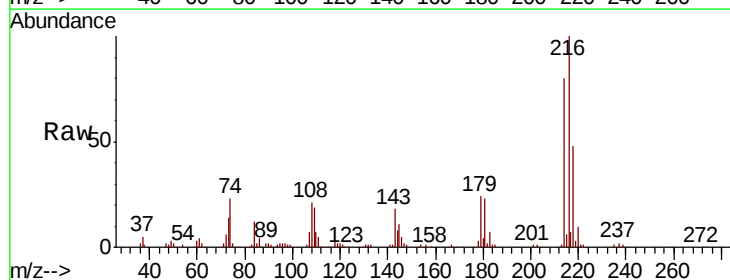
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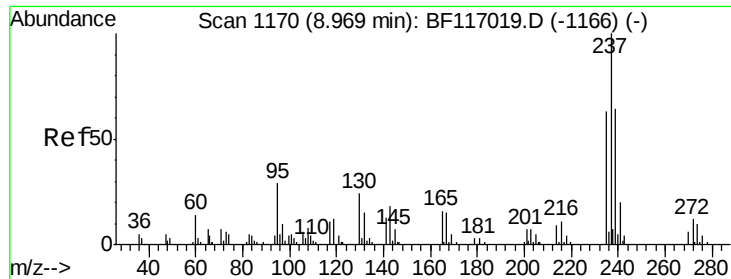
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.571 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.3	63.6	95.4	
179	23.3	18.3	27.5	
108	24.1	17.8	26.6	





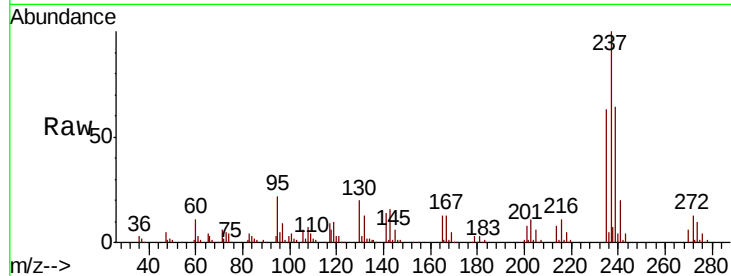
#41
Hexachlorocyclopentadiene
Concen: 80.536 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MS

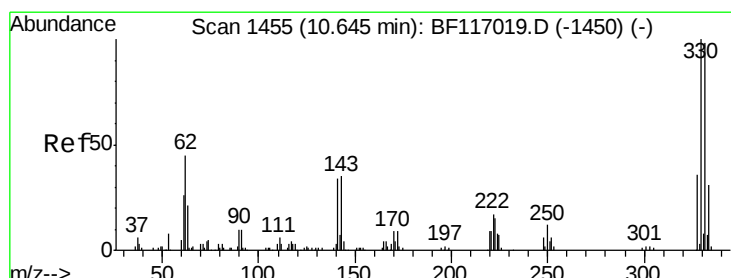
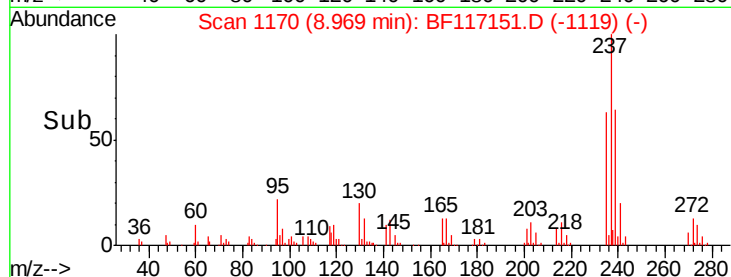
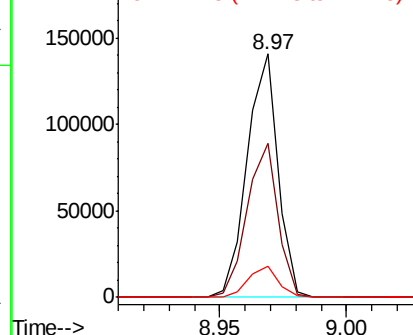
Tot Ion	Ratio	Resp	Lower	Upper
237	100	119062		
235	63.4	43.2	83.2	
272	12.7	0.0	31.9	

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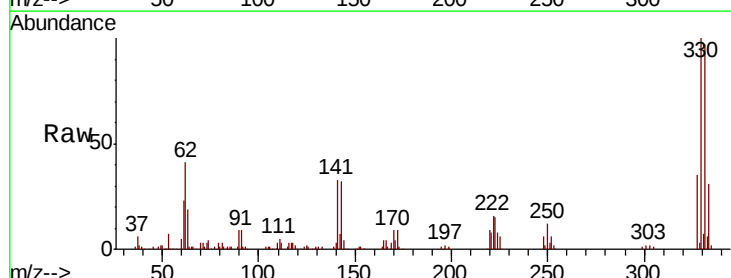


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

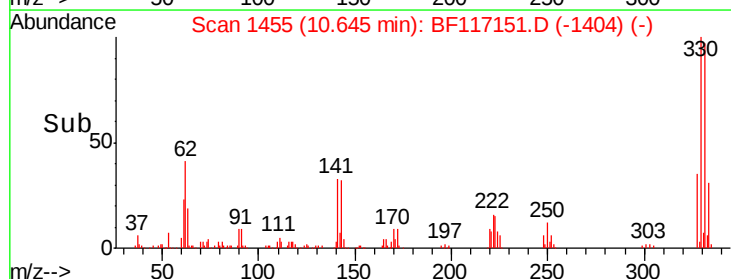
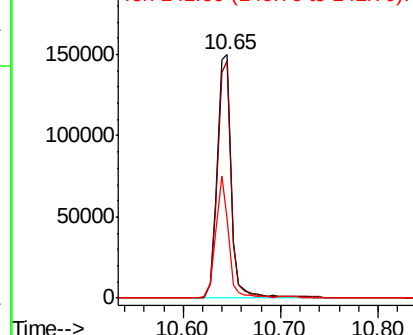


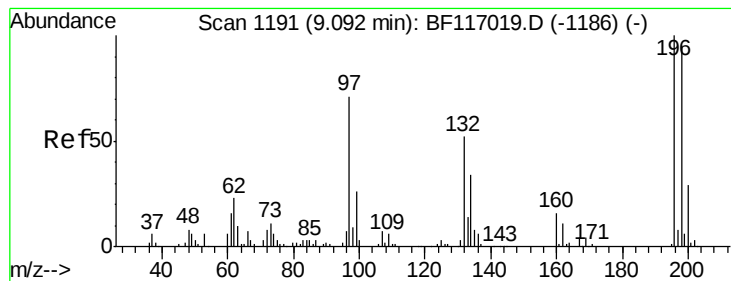
#42
2,4,6-Tribromophenol
Concen: 140.606 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	152093		
332	95.4	78.0	117.0	
141	44.5	35.8	53.6	



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





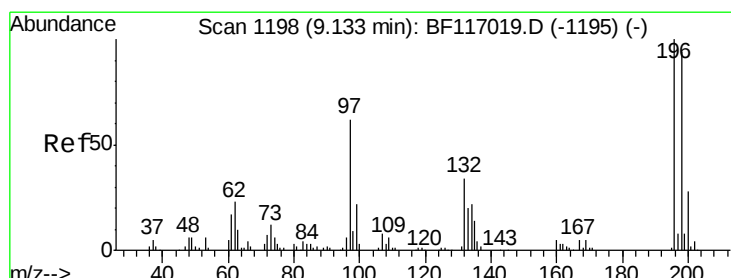
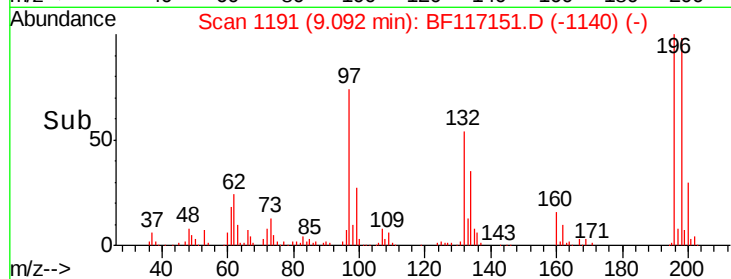
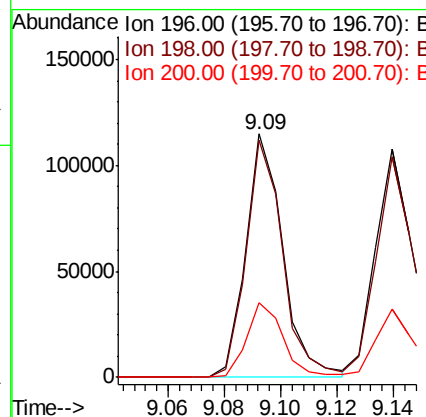
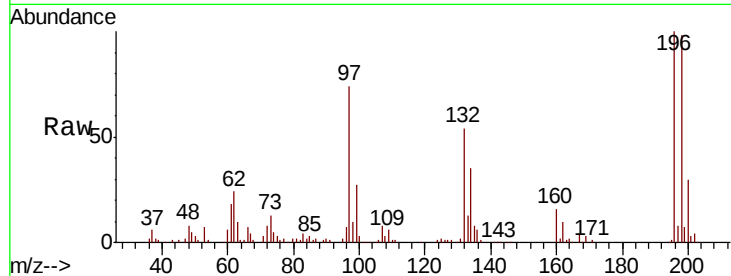
#43
 2,4,6-Trichlorophenol
 Concen: 46.078 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF117151.D
 Acq: 18 Sep 2019 18:14

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-091619MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	104507		
198	97.6	75.7	113.5	
200	30.5	23.3	34.9	

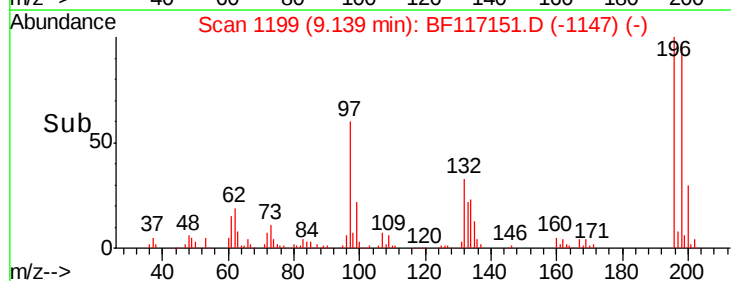
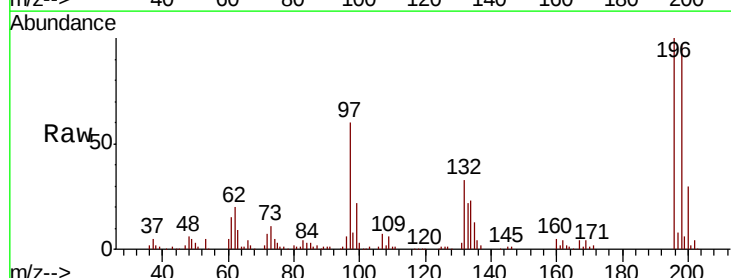
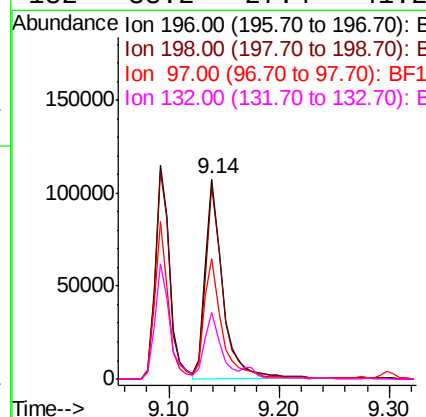
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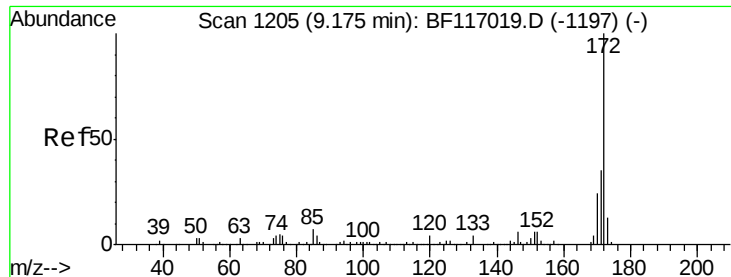
Jagrut
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#44
 2,4,5-Trichlorophenol
 Concen: 47.506 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF117151.D
 Acq: 18 Sep 2019 18:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	115117		
198	96.8	74.6	112.0	
97	60.1	49.5	74.3	
132	33.2	27.4	41.2	





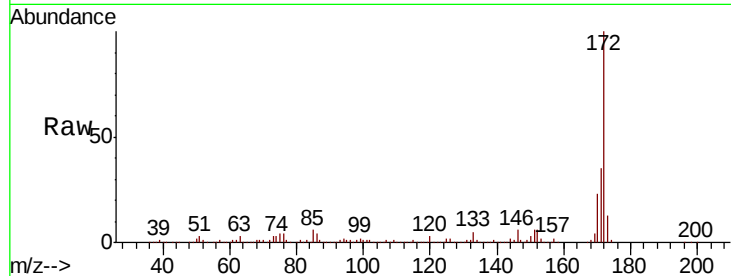
#45
2-Fluorobiphenyl
Concen: 88.005 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MS

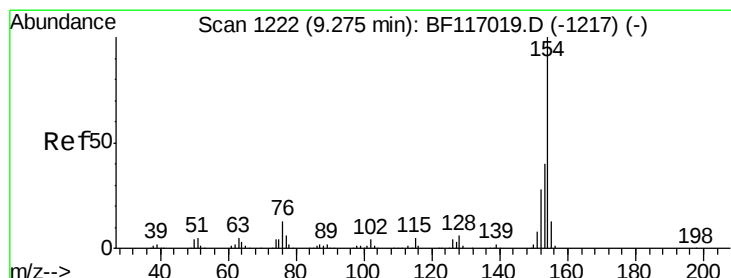
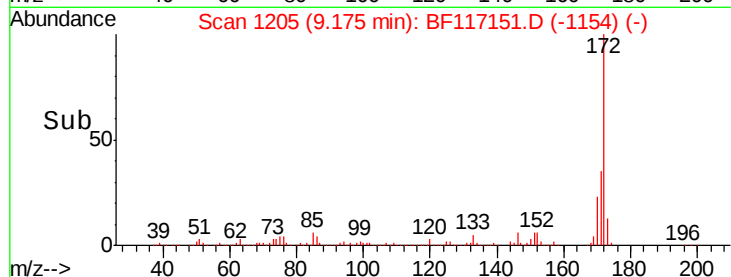
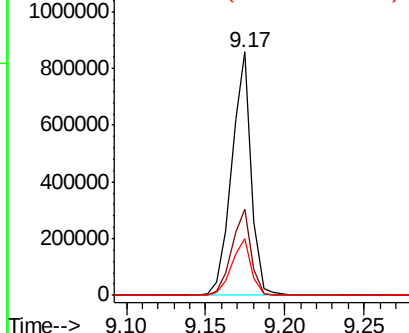
Tot Ion:172	Resp:	728462
Ion Ratio	Lower	Upper
172 100		
171 35.3	28.2	42.2
170 23.2	18.9	28.3

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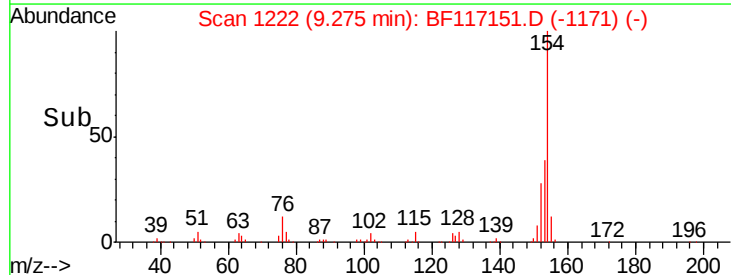
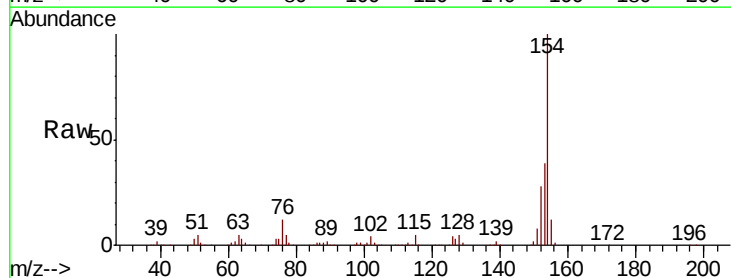
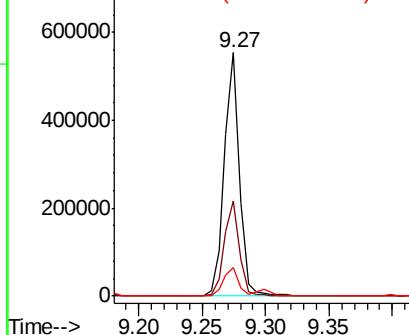
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 45.497 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Tgt Ion:154	Resp:	461889
Ion Ratio	Lower	Upper
154 100		
153 39.2	20.0	60.0
76 11.5	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





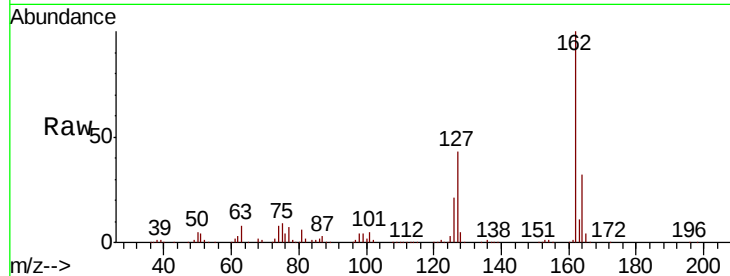
#47
2-Chloronaphthalene
Concen: 44.689 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.5	34.1	51.1	
164	32.3	25.9	38.9	

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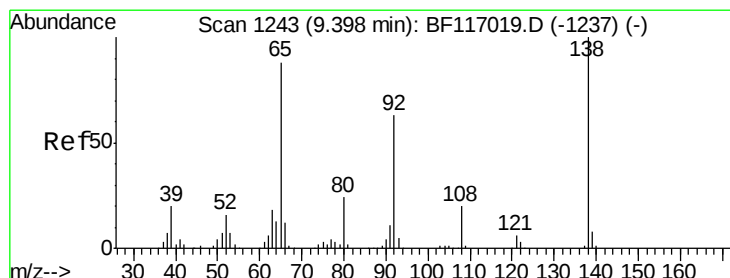
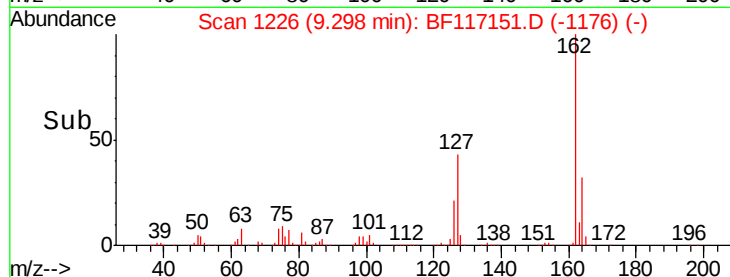
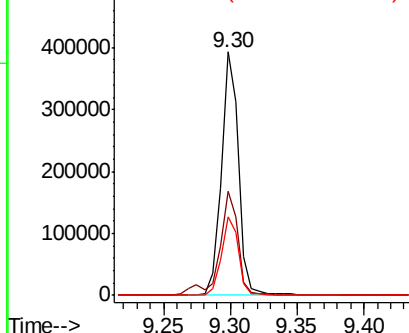


Abundance

Ion 162.00 (161.70 to 162.70): E

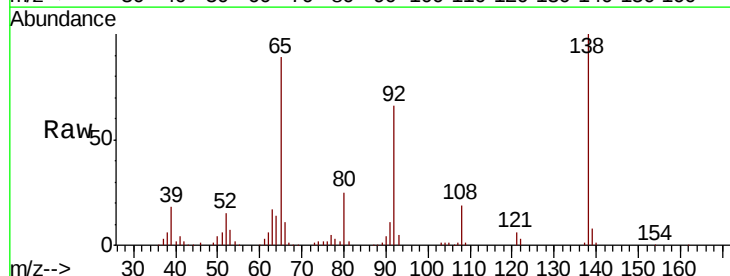
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 46.446 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	74.1	57.5	86.3	
138	112.4	90.6	136.0	

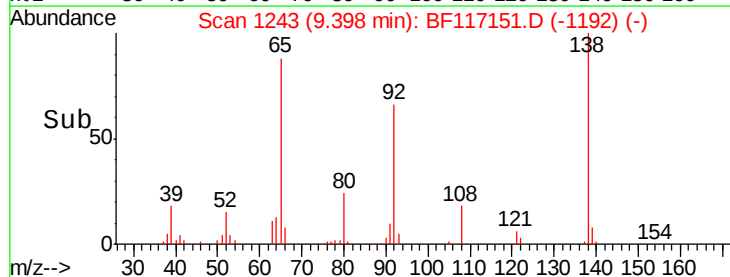
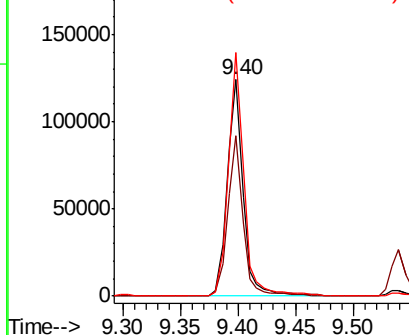


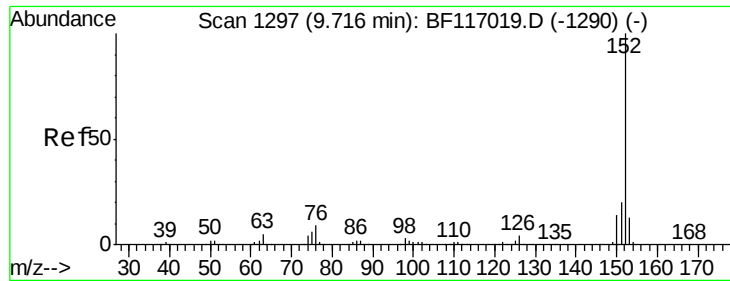
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





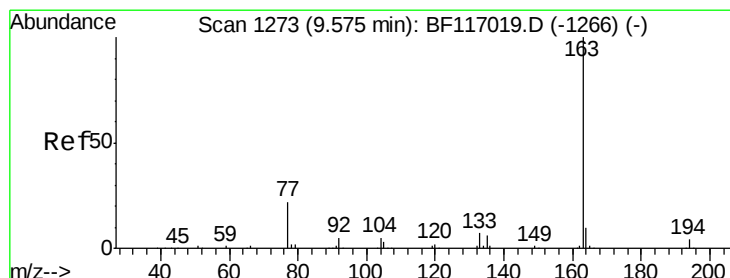
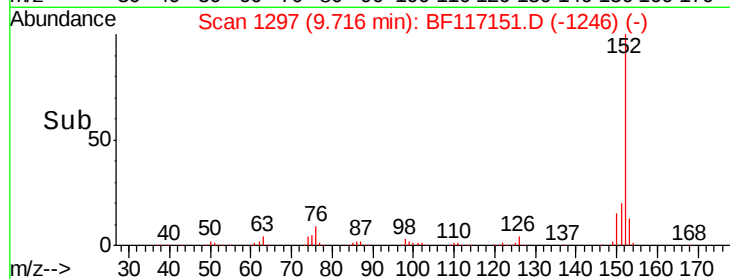
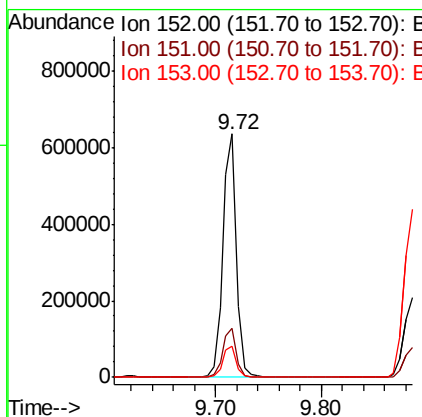
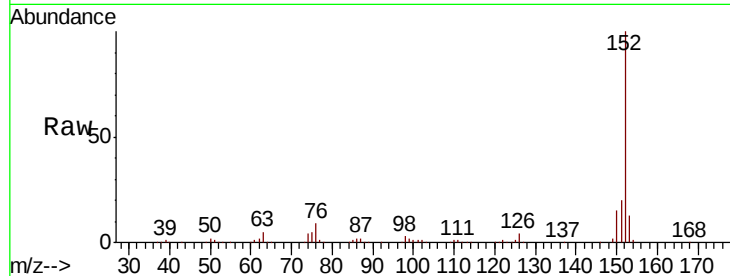
#49
Acenaphthylene
Concen: 47.553 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		570761		
151	20.3	16.2	24.2		
153	12.8	10.2	15.4		

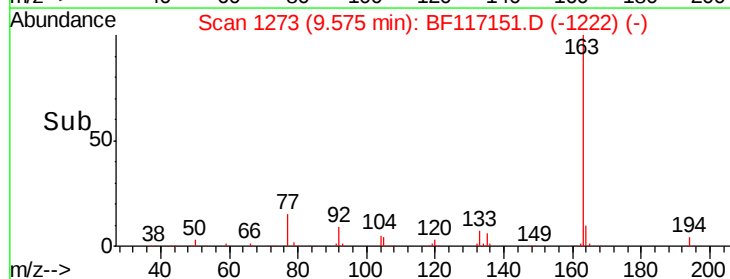
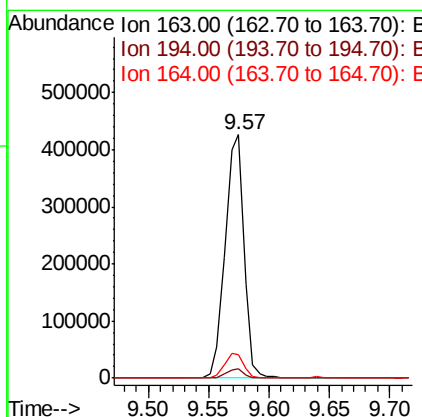
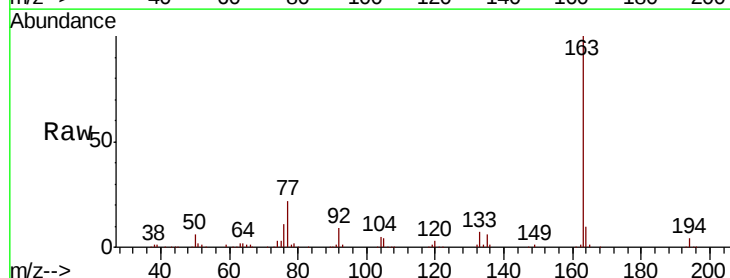
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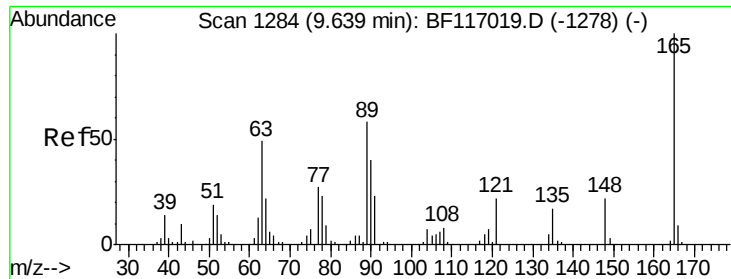
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#50
Dimethylphthalate
Concen: 50.342 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		461331		
194	3.6	2.9	4.3		
164	9.6	8.2	12.4		





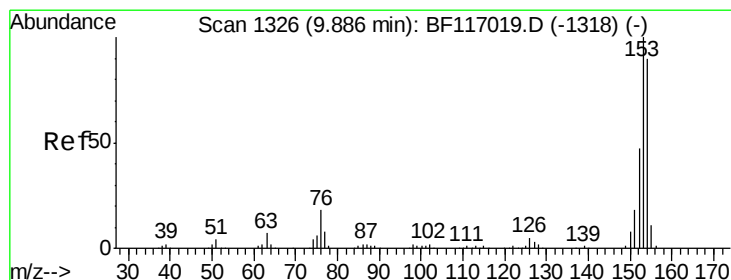
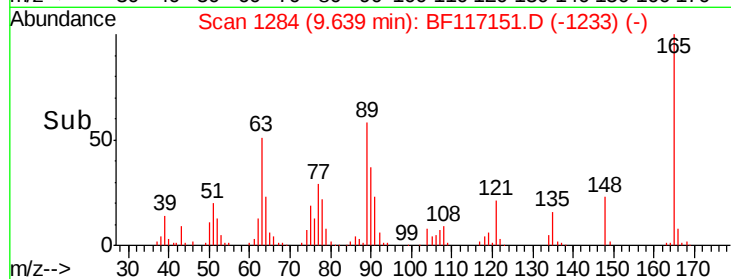
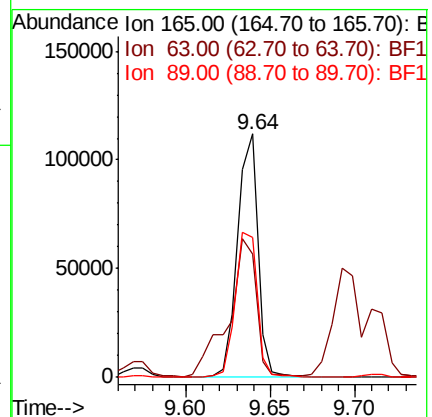
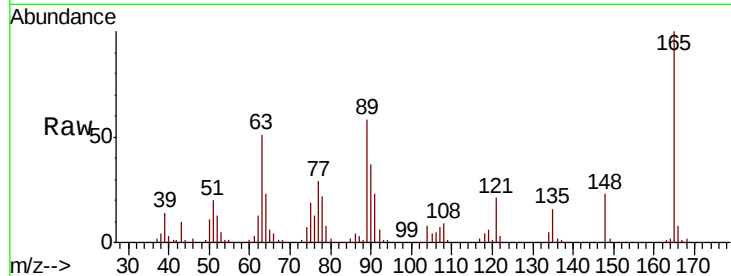
#51
 2,6-Dinitrotoluene
 Concen: 50.518 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BF117151.D
 Acq: 18 Sep 2019 18:14

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-091619MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.8	41.8	62.8
89	57.7	46.5	69.7

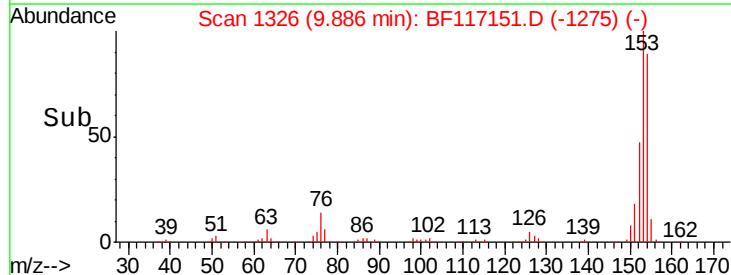
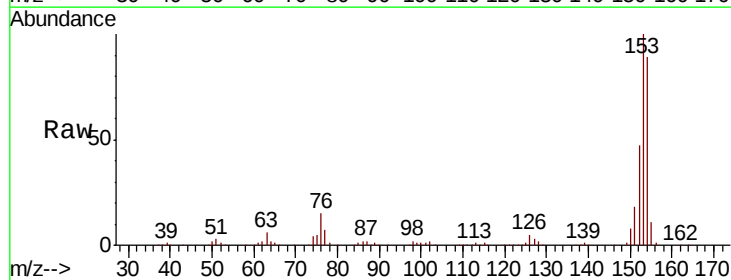
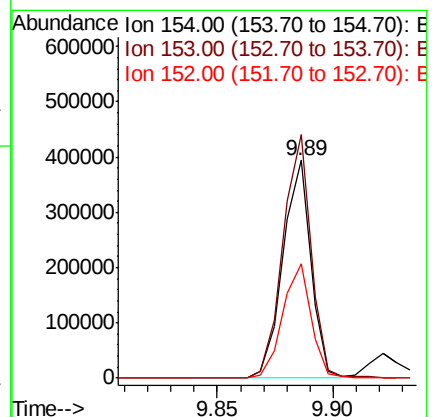
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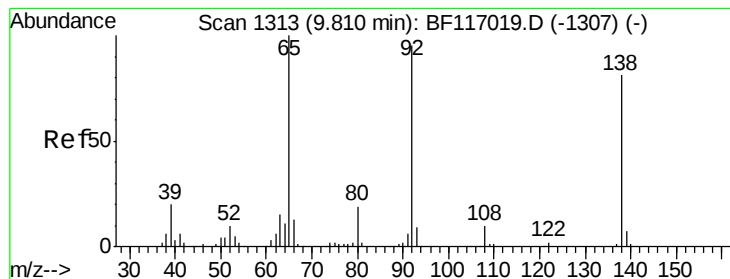
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#52
 Acenaphthene
 Concen: 46.465 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF117151.D
 Acq: 18 Sep 2019 18:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.0	133.6
152	52.8	41.9	62.9





#53

3-Nitroaniline

Concen: 26.573 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Instrument :

BNA_F

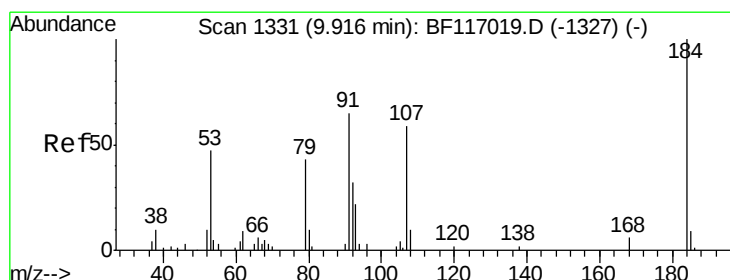
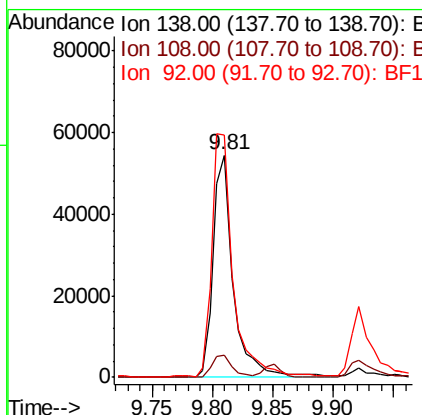
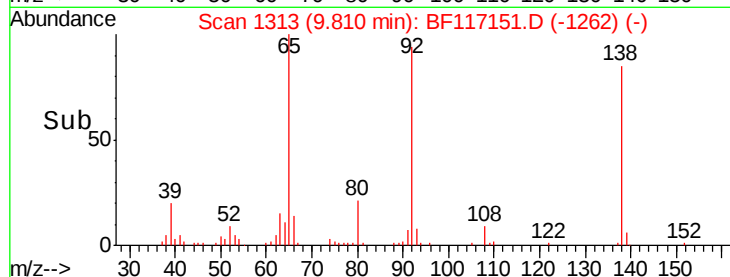
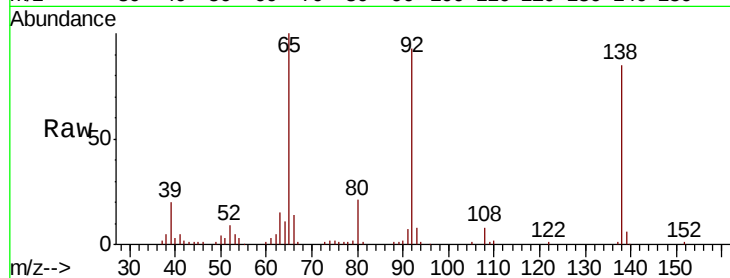
ClientSampleId :

PL-02-091619MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	9.5	14.3
92	109.2	94.1	141.1

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#54

2,4-Dinitrophenol

Concen: 88.099 ng

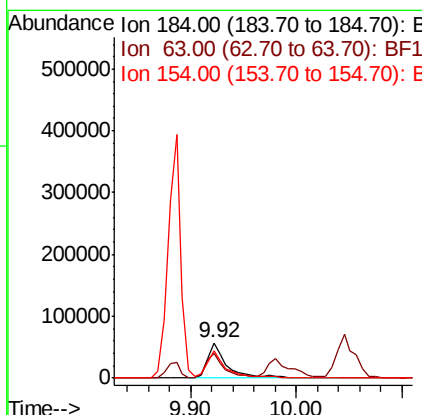
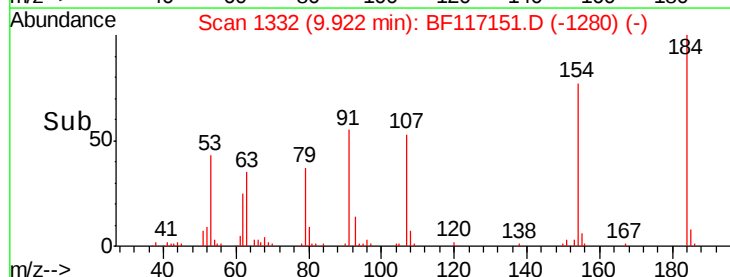
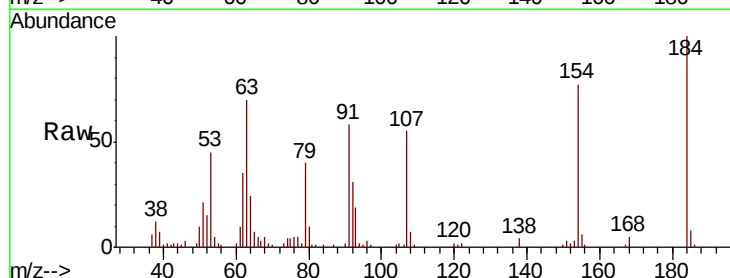
RT: 9.92 min Scan# 1332

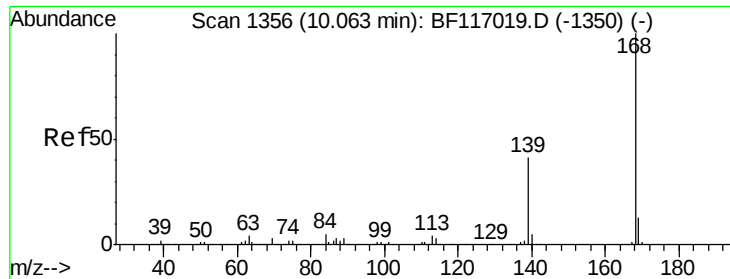
Delta R.T. 0.01 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.9	63.8	95.6
154	77.2	60.4	90.6





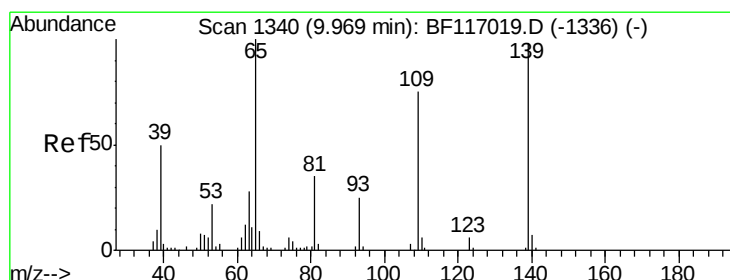
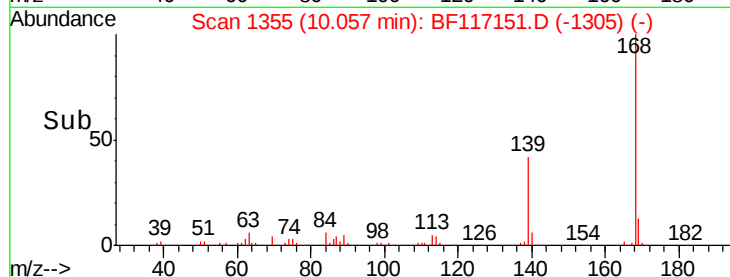
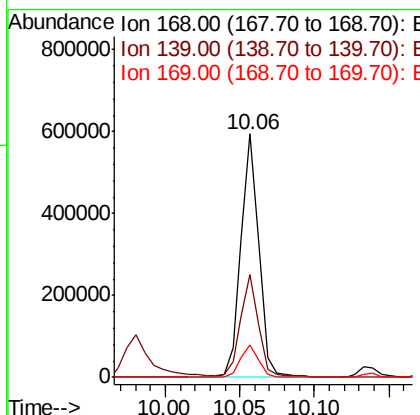
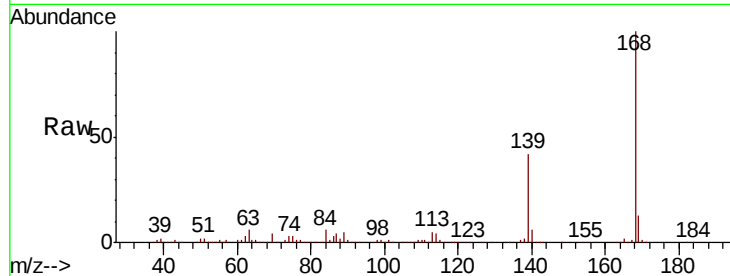
#55
Dibenzofuran
Concen: 47.775 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.5	32.8	49.2
169	13.5	10.5	15.7

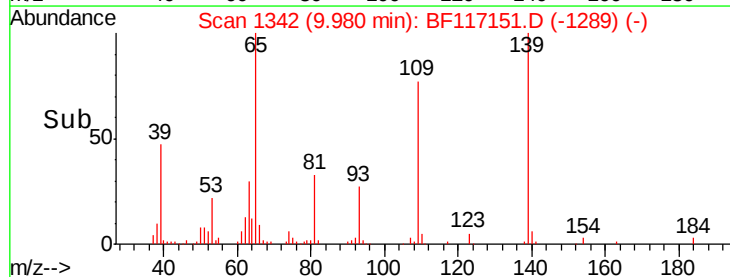
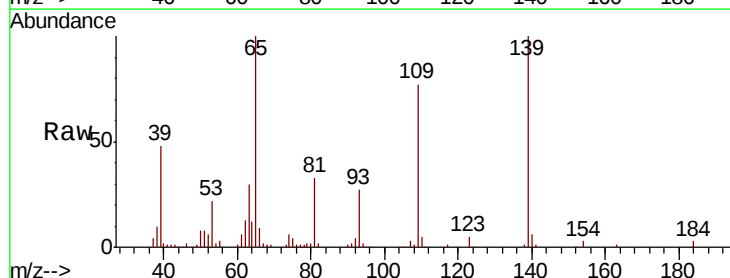
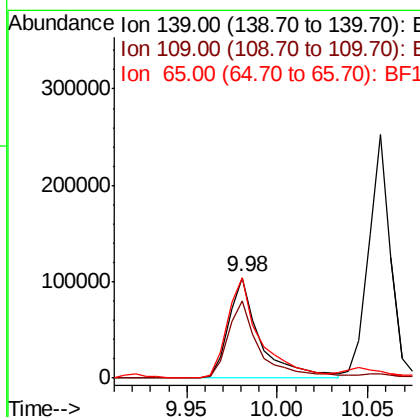
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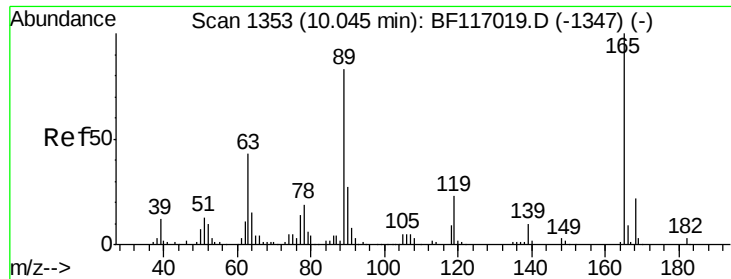
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#56
4-Nitrophenol
Concen: 82.425 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.9	56.4	96.4
65	100.4	82.5	122.5





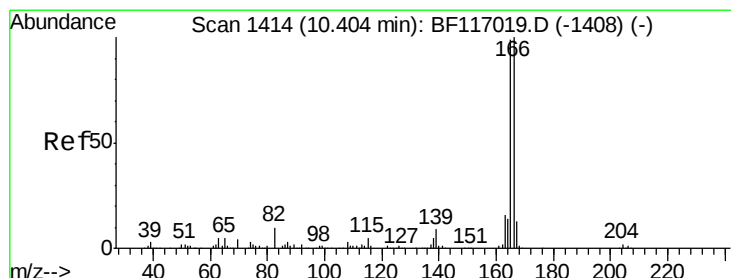
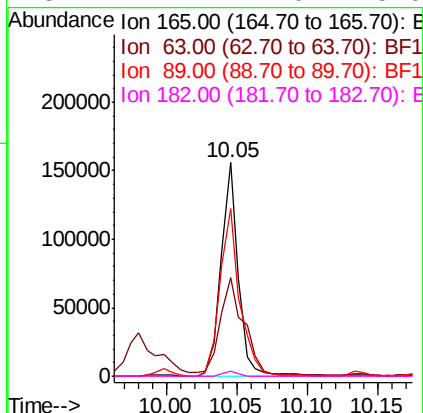
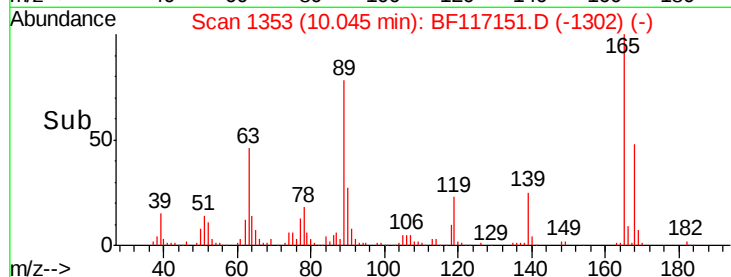
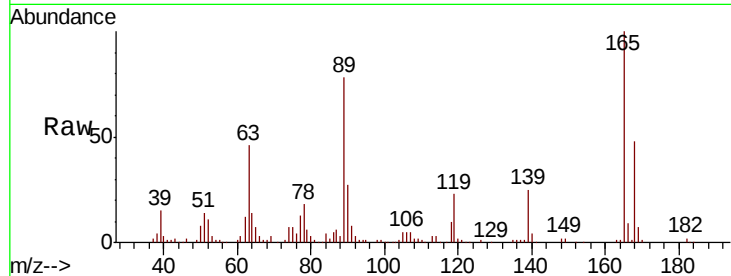
#57
2,4-Dinitrotoluene
Concen: 54.453 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.2	35.0	52.4
89	78.3	66.1	99.1
182	2.2	2.0	3.0

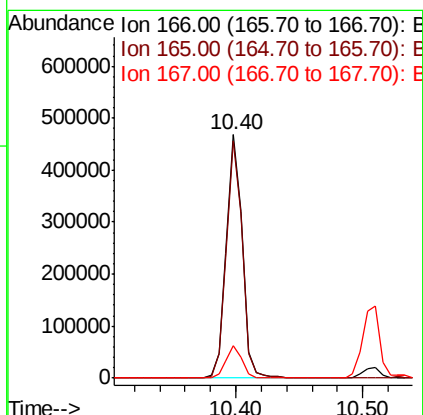
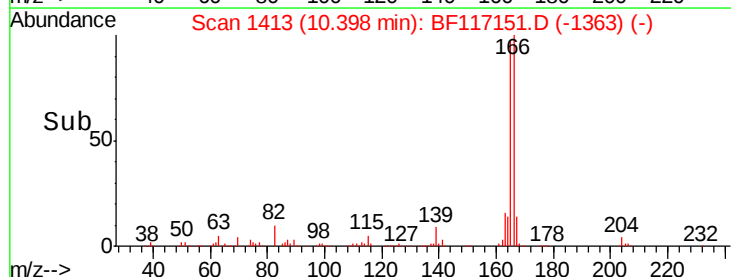
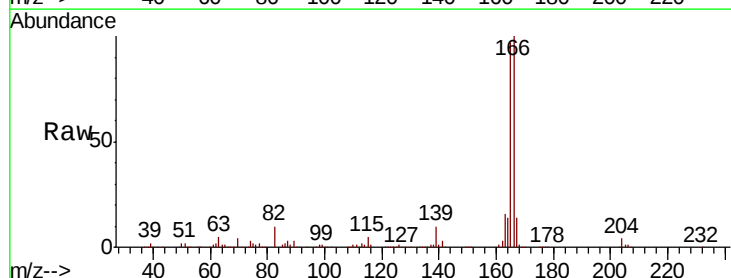
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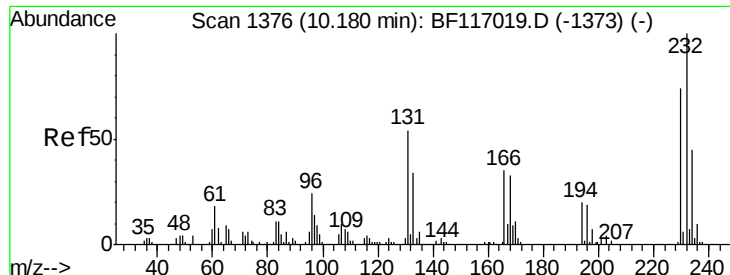
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#58
Fluorene
Concen: 48.435 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.9	118.3
167	13.5	10.6	15.8





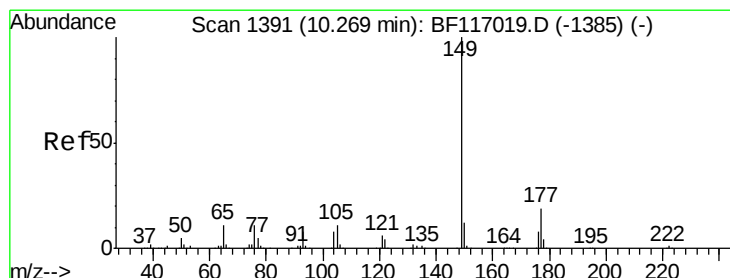
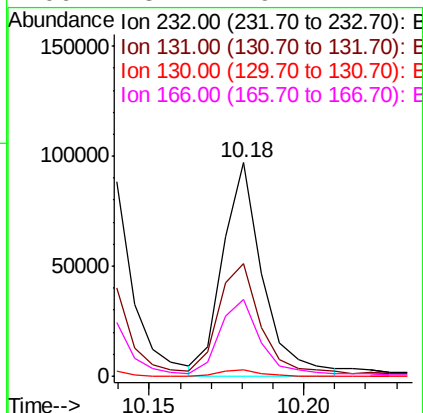
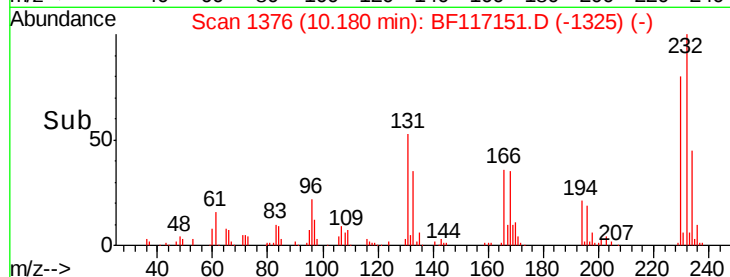
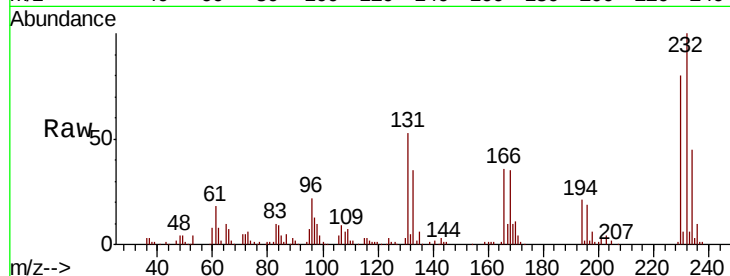
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.855 ng/ml
RT: 10.18 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		88740		
131	47.8	45.3	67.9		
130	2.3	1.8	2.8		
166	28.4	29.4	44.2		

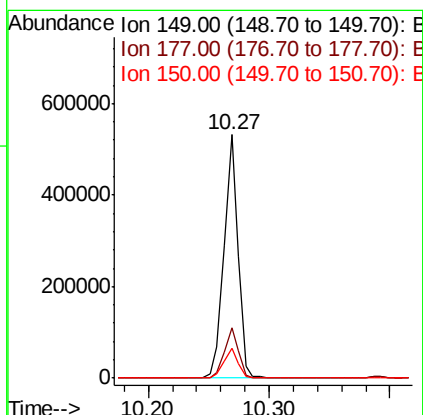
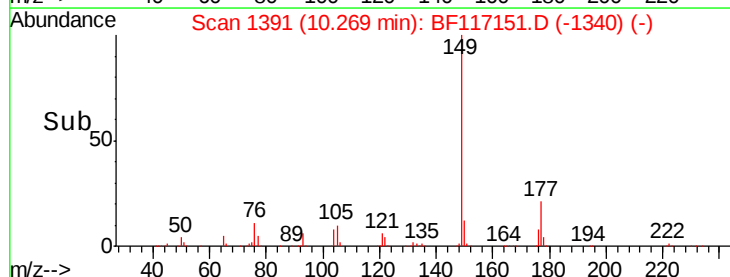
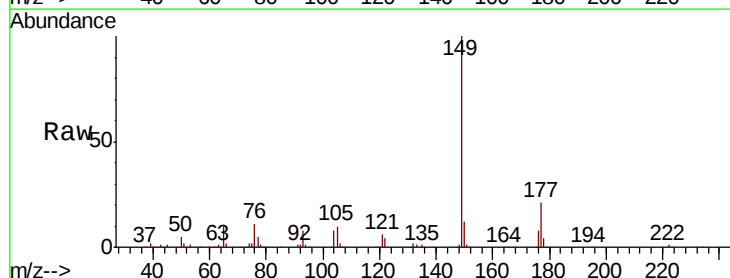
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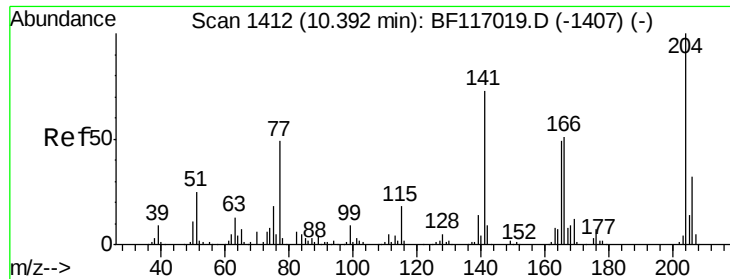
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#60
Diethylphthalate
Concen: 47.242 ng/ml
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		425920		
177	20.6	15.2	22.8		
150	12.3	9.9	14.9		





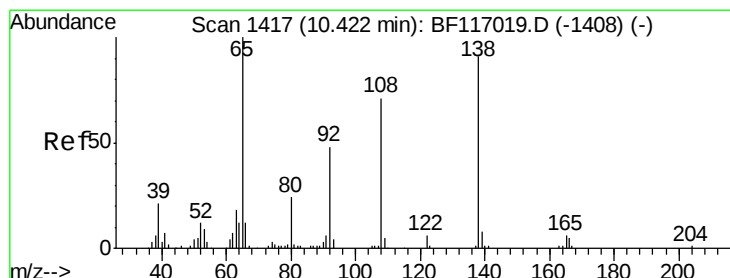
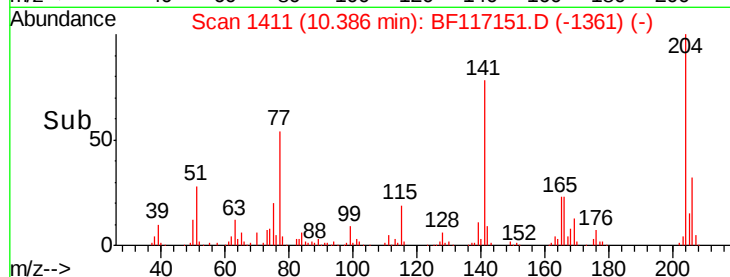
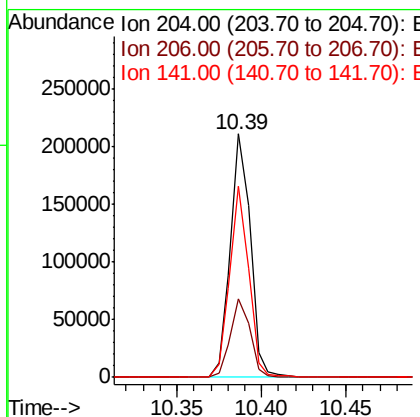
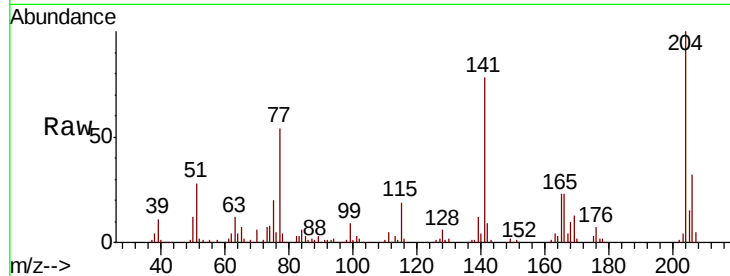
#61
4-Chlorophenyl-phenylether
Concen: 47.440 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.0	39.0
141	78.3	58.2	87.2

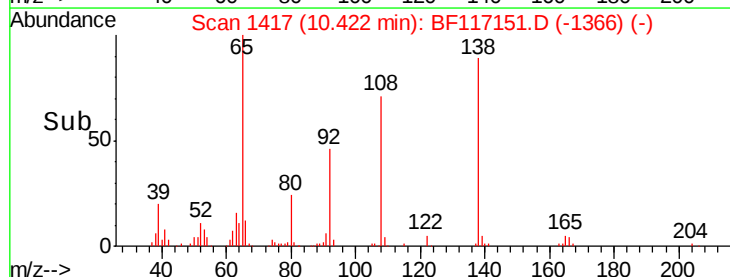
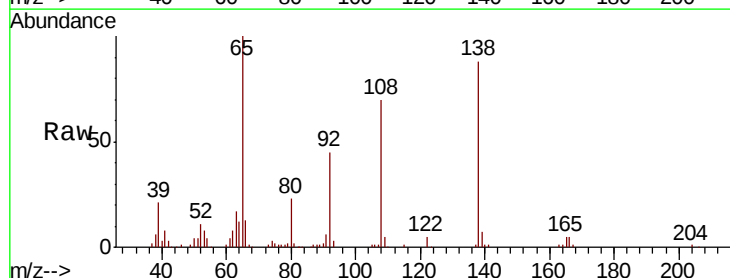
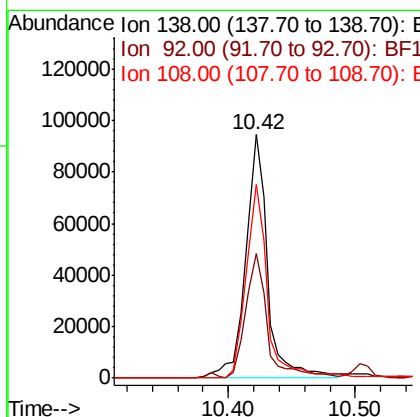
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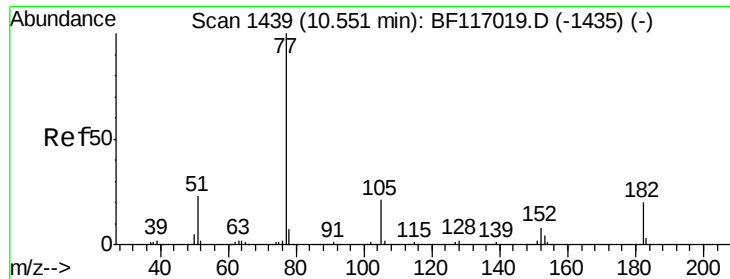
Jagrut
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#62
4-Nitroaniline
Concen: 46.598 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.3	32.9	72.9
108	79.7	58.3	98.3





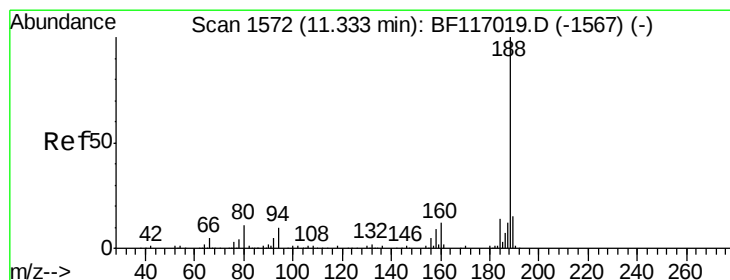
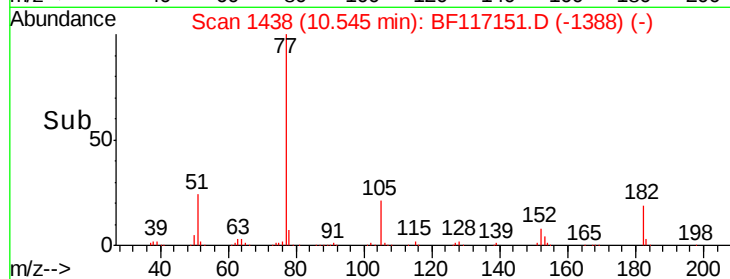
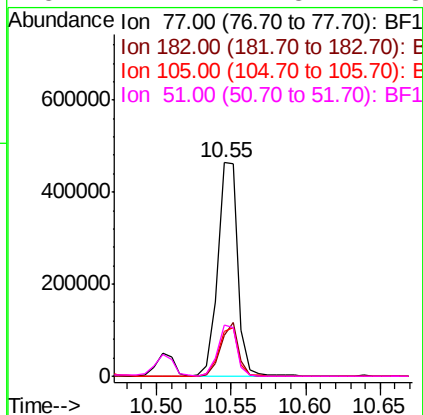
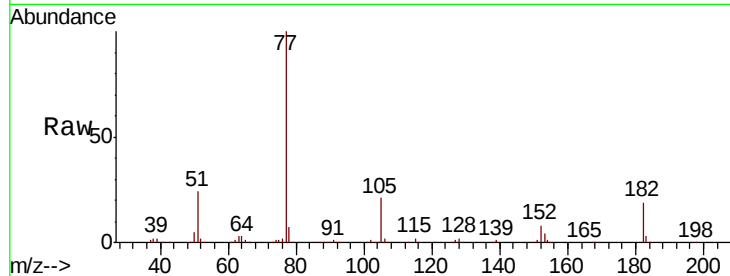
#63
Azobenzene
Concen: 47.221 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	19.4	0.4	40.4		
105	21.2	0.9	40.9		
51	24.2	2.8	42.8		

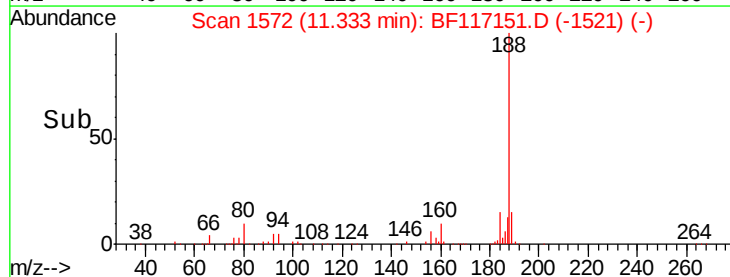
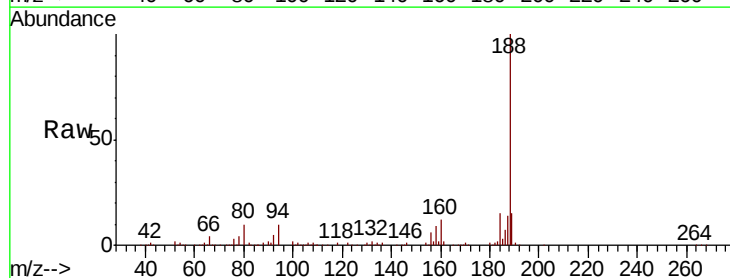
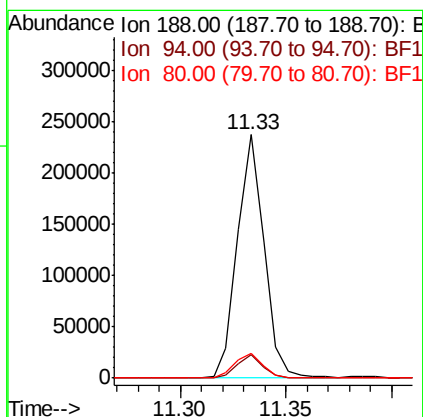
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.6	8.2	12.2		
80	10.4	9.0	13.6		





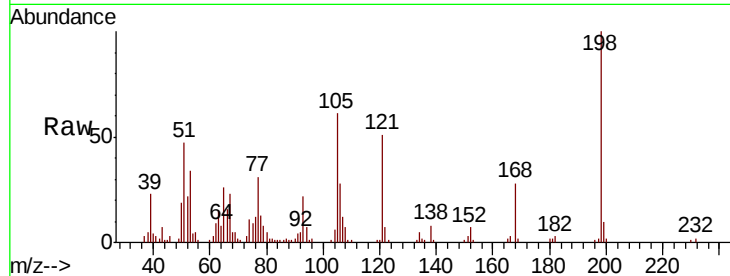
#65
4,6-Dinitro-2-methylphenol
Concen: 50.600 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	47.4	18.7	58.7
105	60.7	30.2	70.2

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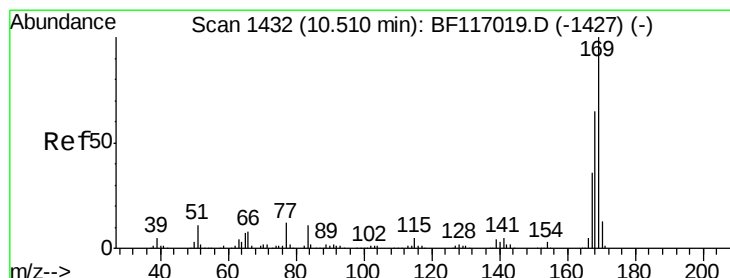
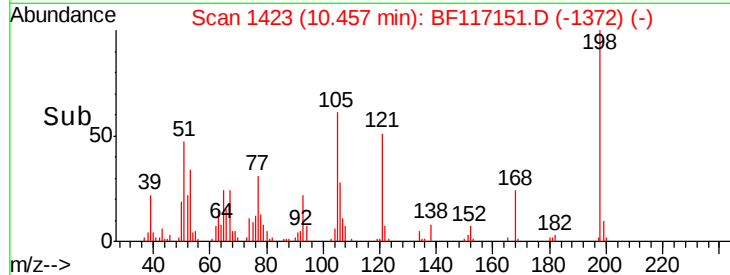
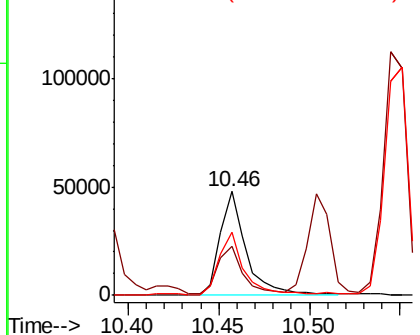


Abundance

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: 50.049 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

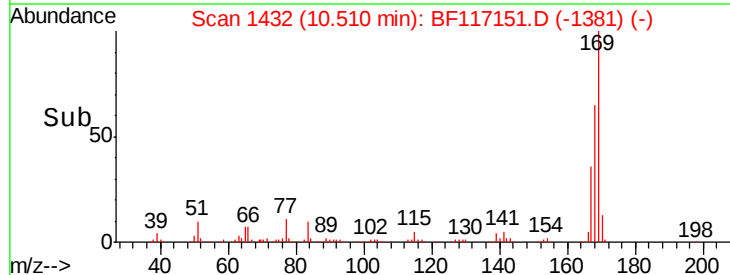
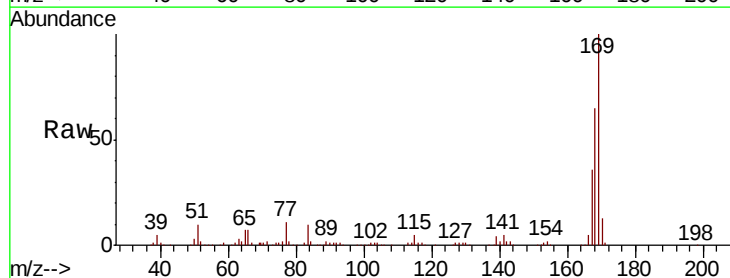
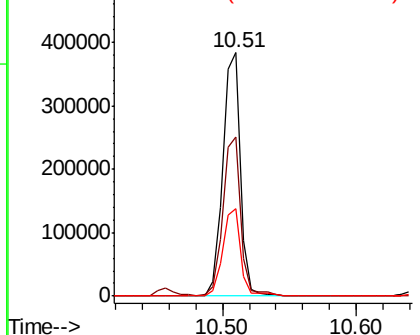
Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.4	52.2	78.2
167	35.9	28.8	43.2

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





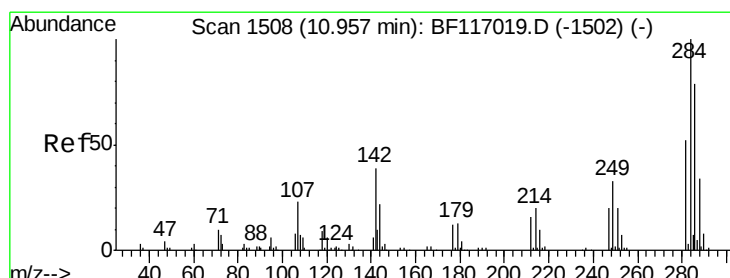
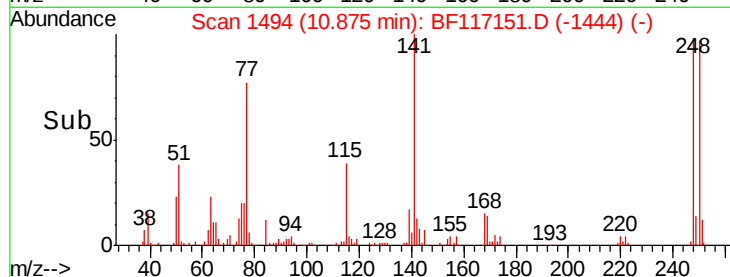
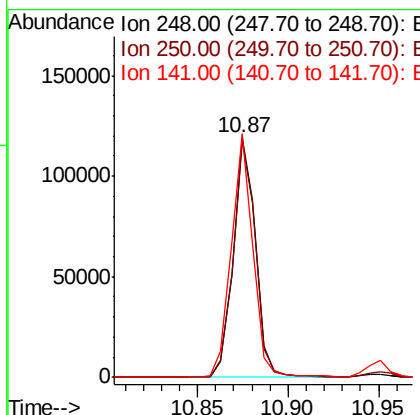
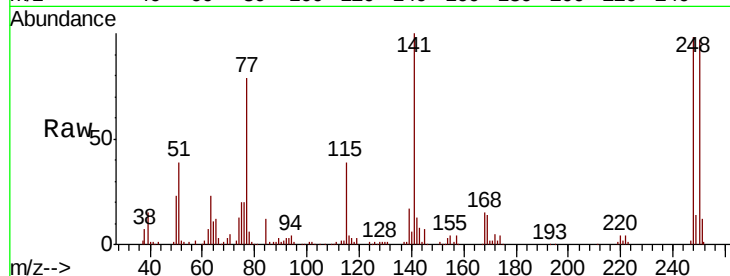
#67
 4-Bromophenyl-phenylether
 Concen: 47.892 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF117151.D
 Acq: 18 Sep 2019 18:14

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-091619MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	76.2	114.4
141	101.7	75.0	112.4

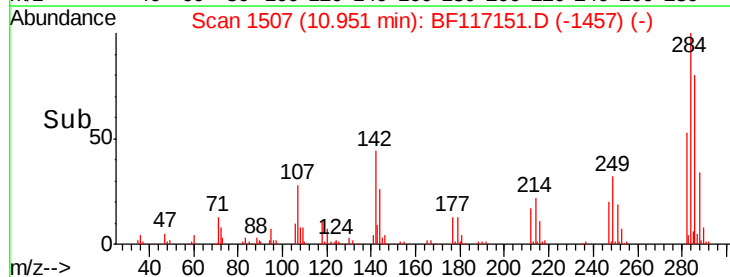
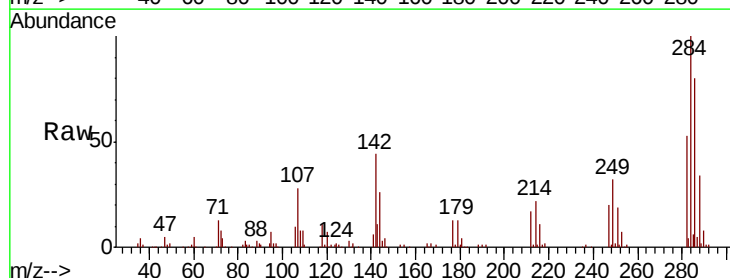
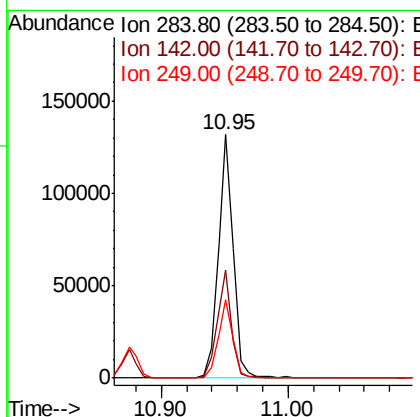
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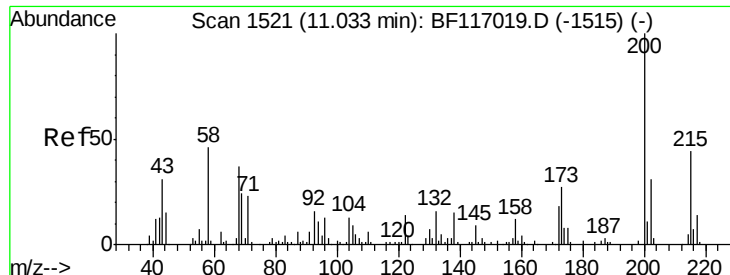
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#68
 Hexachlorobenzene
 Concen: 47.027 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF117151.D
 Acq: 18 Sep 2019 18:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	44.2	31.4	47.2
249	32.0	26.5	39.7





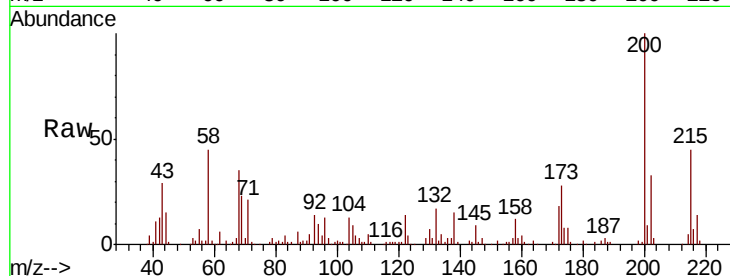
#69
Atrazine
Concen: 62.933 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.8	6.9	46.9
215	44.7	23.8	63.8

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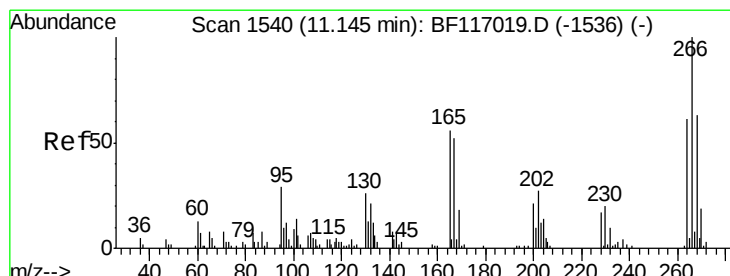
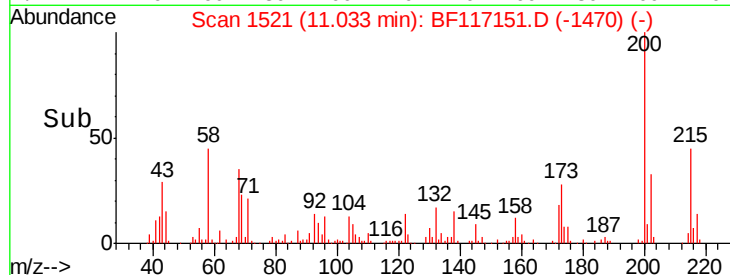
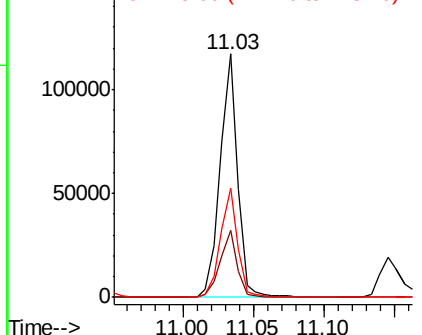


Abundance

Ion 200.00 (199.70 to 200.70): E

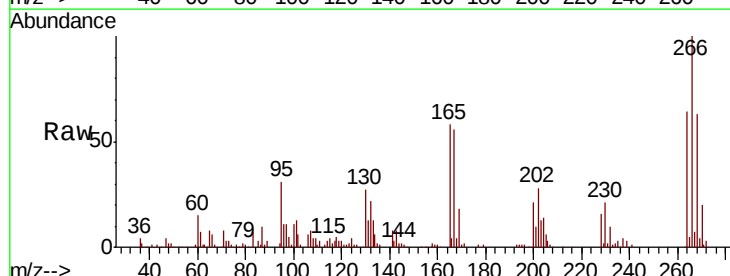
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 104.234 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.8	50.5	75.7
264	63.9	48.8	73.2

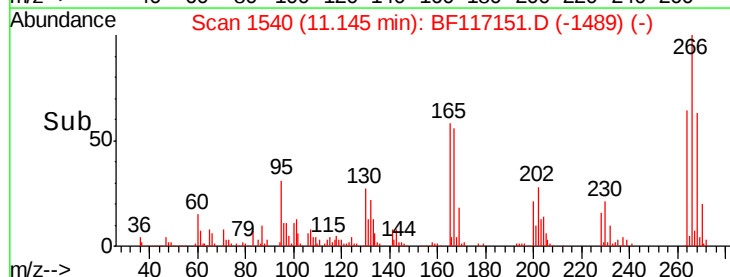
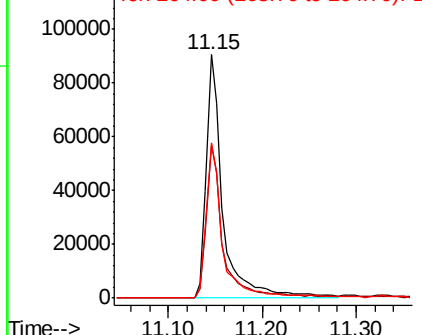


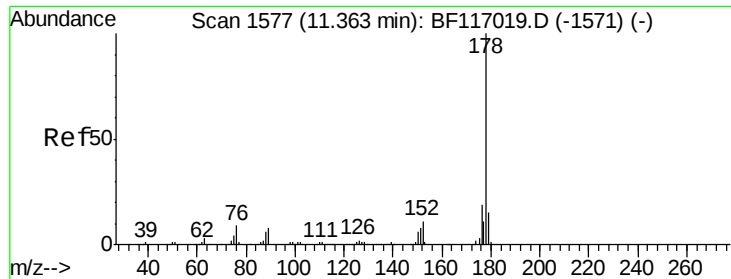
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





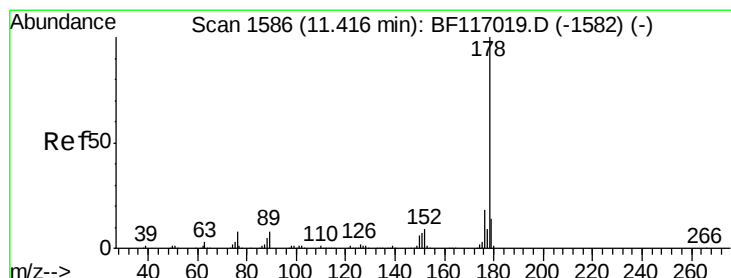
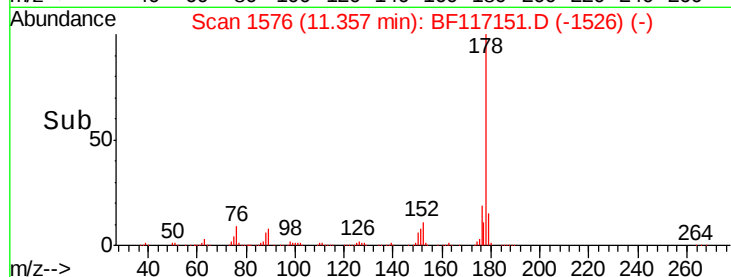
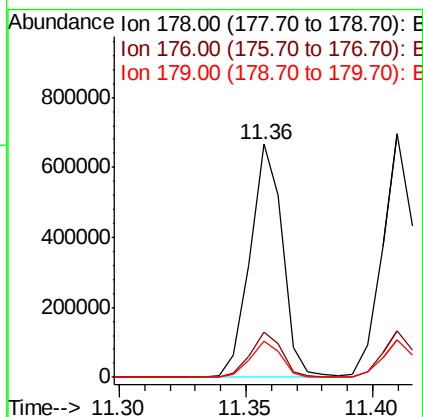
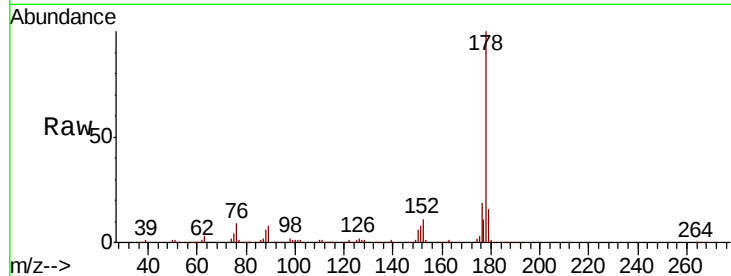
#71
Phenanthrene
Concen: 50.365 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.5	12.4	18.6

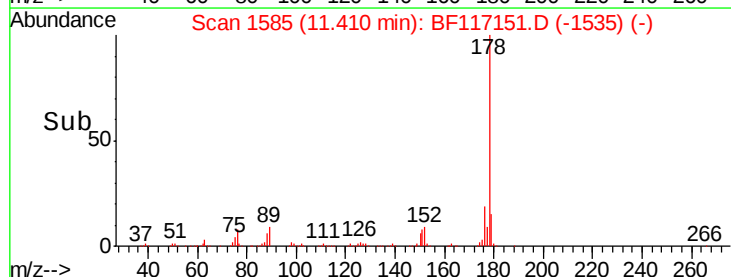
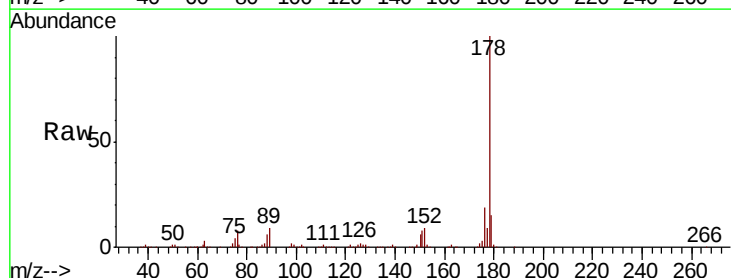
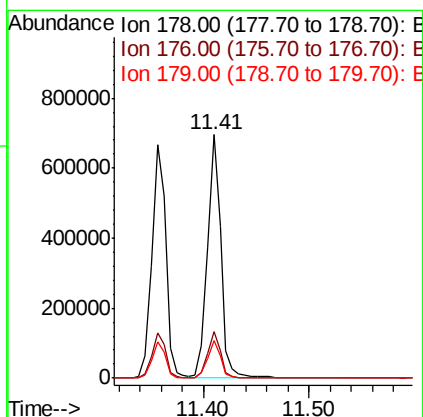
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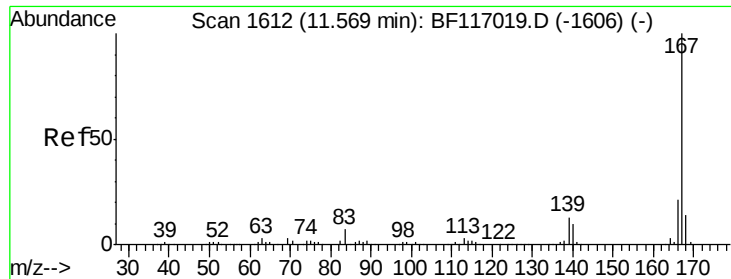
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#72
Anthracene
Concen: 51.263 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	21.8
179	15.5	11.6	17.4





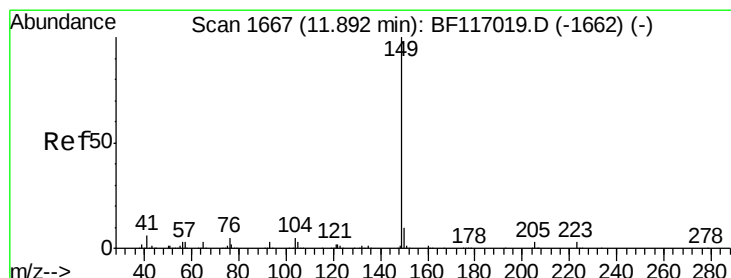
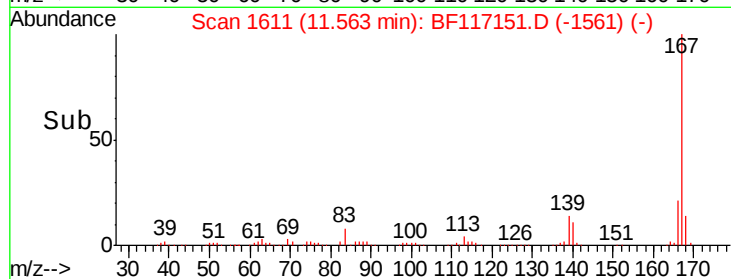
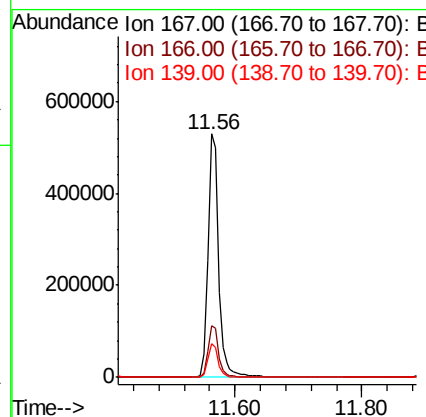
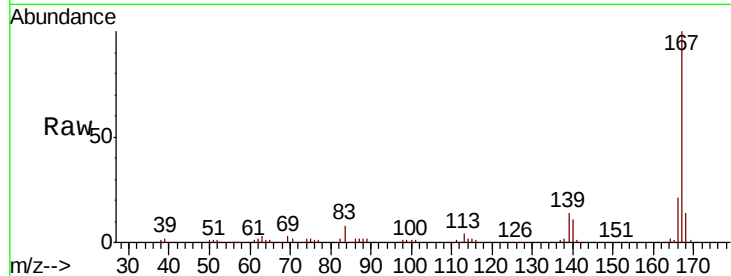
#73
 Carbazole
 Concen: 52.614 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF117151.D
 Acq: 18 Sep 2019 18:14

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-091619MS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	602660		
166	21.2		17.2	25.8
139	14.0		10.6	16.0

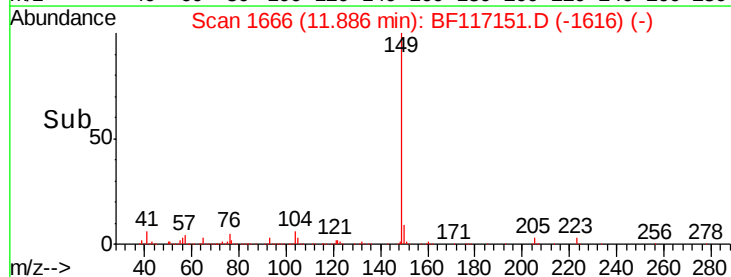
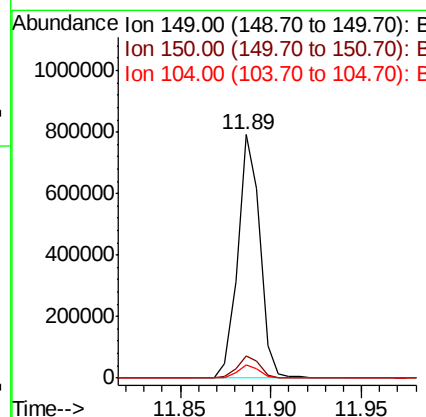
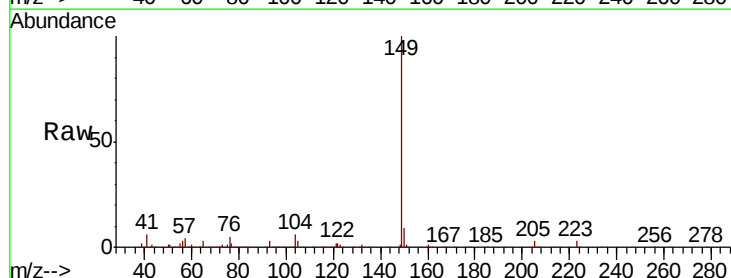
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#74
 Di-n-butylphthalate
 Concen: 49.547 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BF117151.D
 Acq: 18 Sep 2019 18:14

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	675236		
150	9.4		7.7	11.5
104	5.6		4.2	6.4





#75

Fluoranthene

Concen: 51.076 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Instrument :

BNA_F

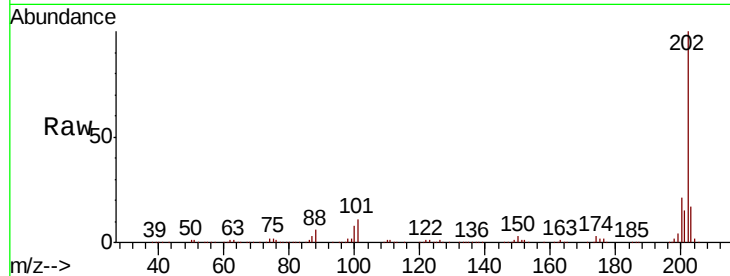
ClientSampleId :

PL-02-091619MS

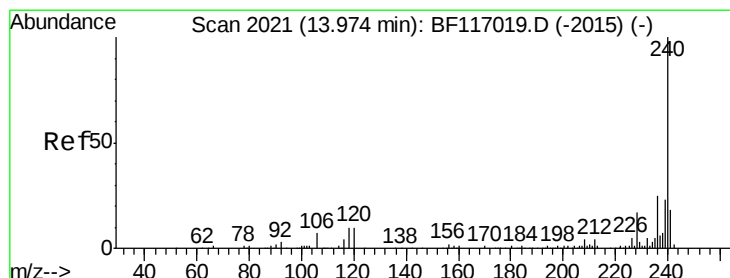
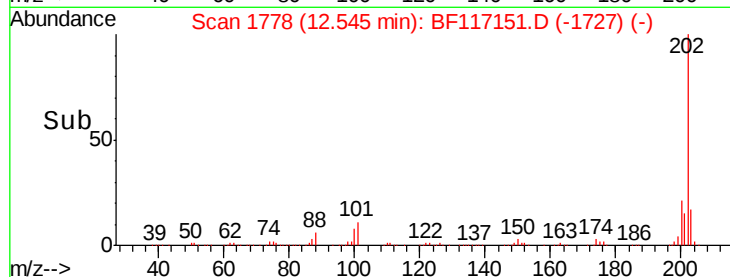
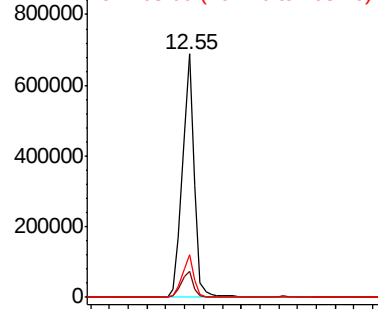
Tot Ion	Ratio	Resp	Lower	Upper
202	100	620319		
101	10.9	0.0	32.3	
203	17.4	0.0	37.1	

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

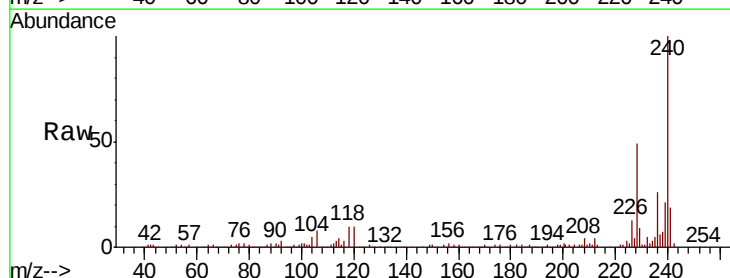
RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

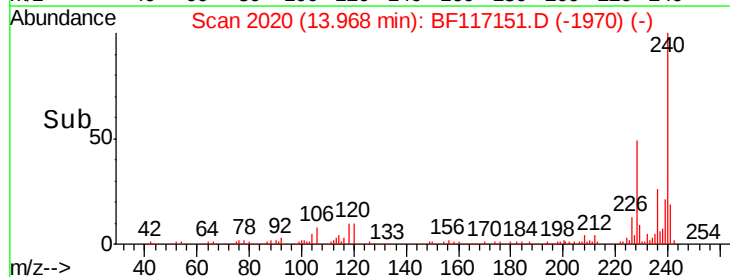
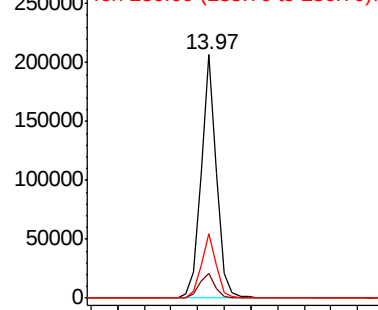
Lab File: BF117151.D

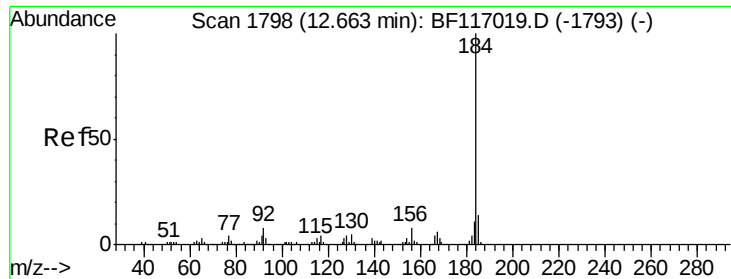
Acq: 18 Sep 2019 18:14

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	167478		
120	10.2	8.3	12.5	
236	26.4	20.3	30.5	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 13.489 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Instrument :

BNA_F

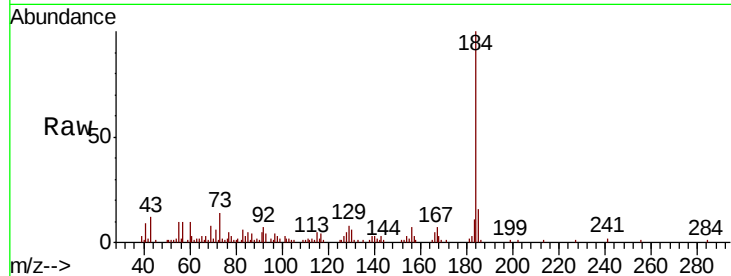
ClientSampleId :

PL-02-091619MS

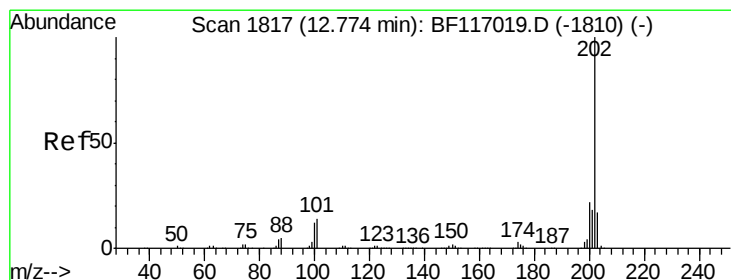
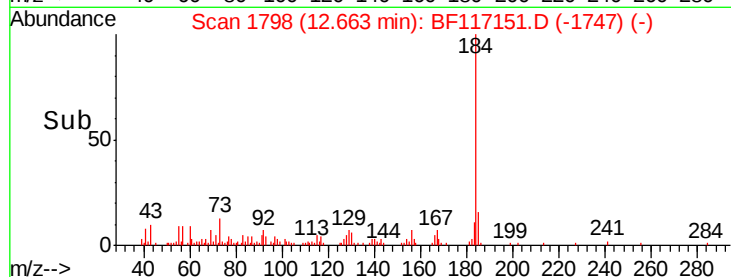
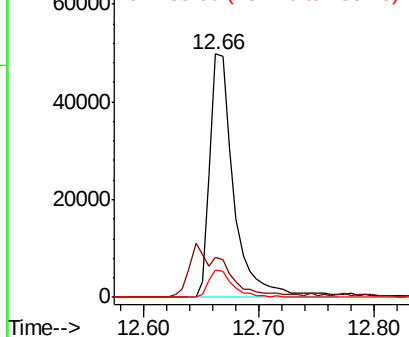
Tot Ion:	184	Resp:	72773
Ion Ratio	Lower	Upper	
184	100		
185	16.5	11.6	17.4
183	11.4	9.0	13.4

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



#78

Pyrene

Concen: 45.226 ng

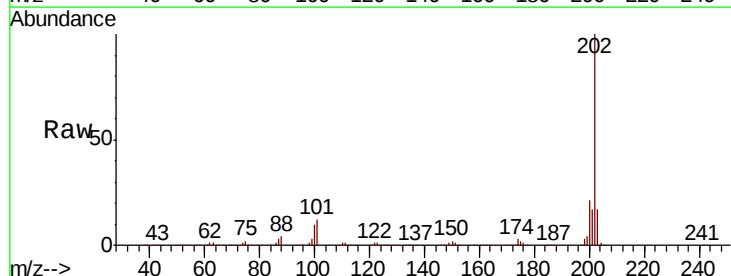
RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

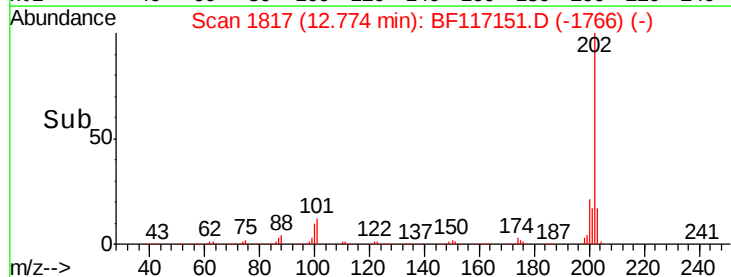
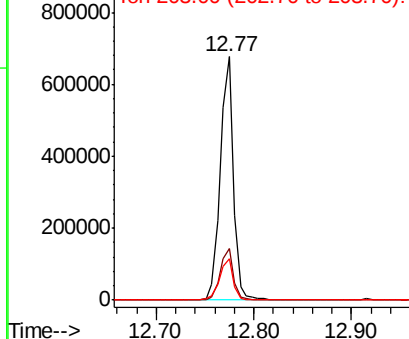
Lab File: BF117151.D

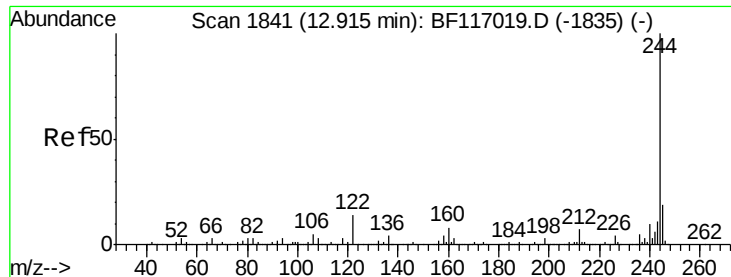
Acq: 18 Sep 2019 18:14

Tgt Ion:	202	Resp:	635547
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.2	25.8
203	17.3	14.0	21.0



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





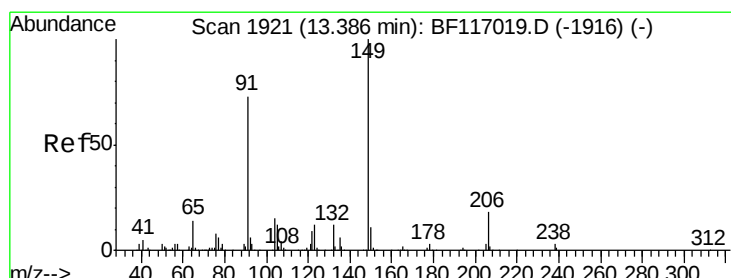
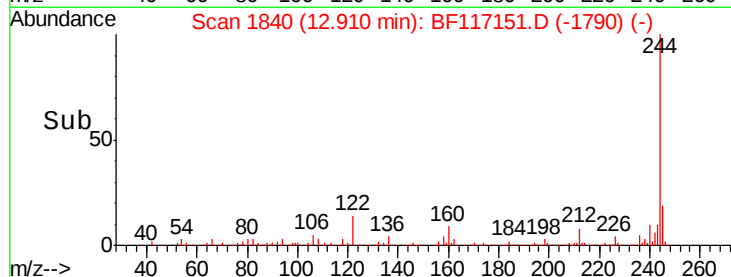
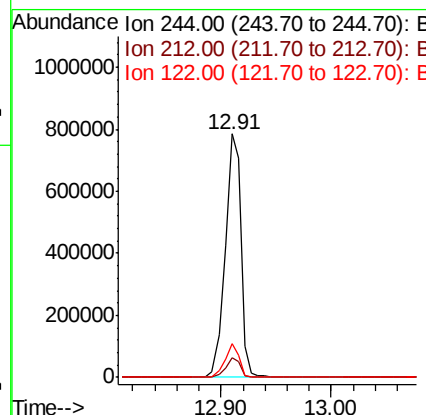
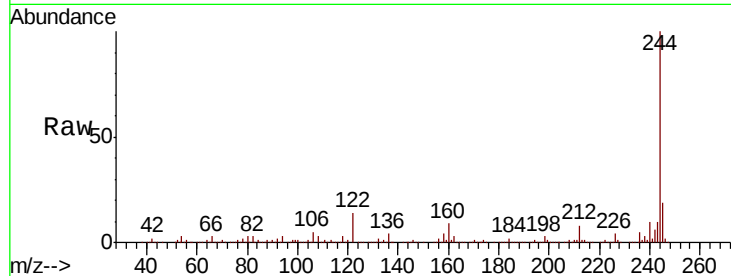
#79
 Terphenyl-d14
 Concen: 87.250 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117151.D
 Acq: 18 Sep 2019 18:14

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-091619MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	13.9	11.3	16.9

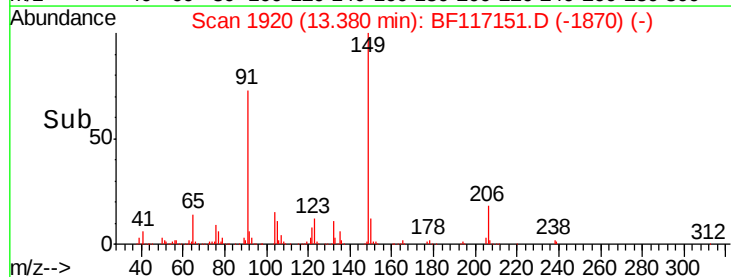
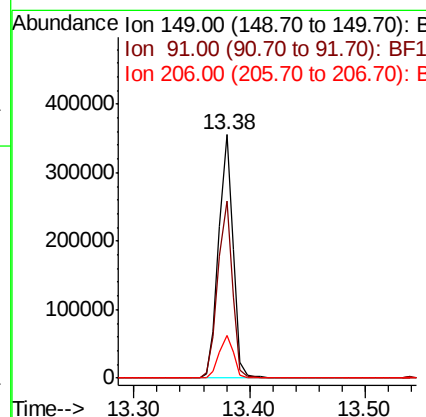
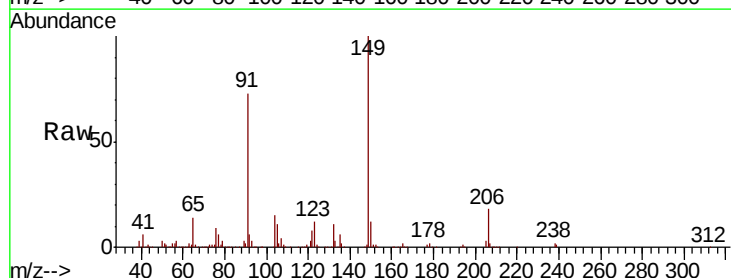
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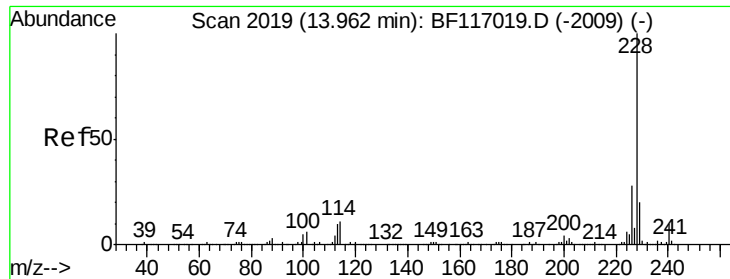
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#80
 Butylbenzylphthalate
 Concen: 46.715 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF117151.D
 Acq: 18 Sep 2019 18:14

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.8	58.8	88.2
206	17.7	14.1	21.1





#81

Benzo(a)anthracene

Concen: 47.757 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Instrument :

BNA_F

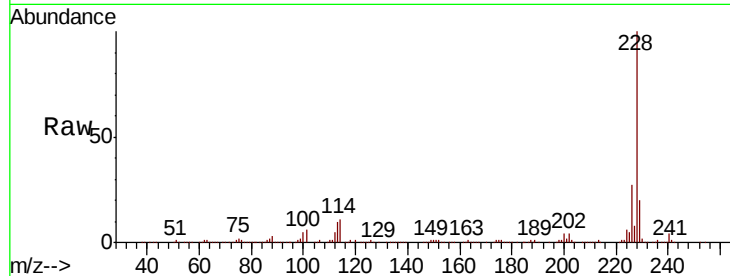
ClientSampleId :

PL-02-091619MS

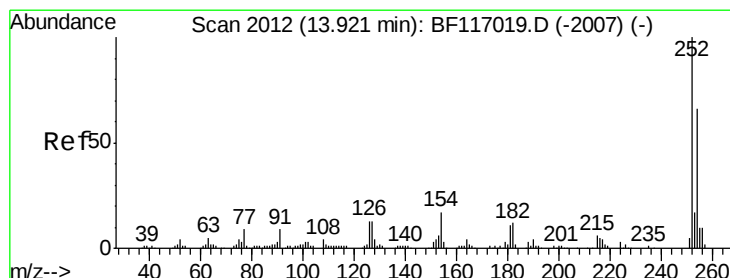
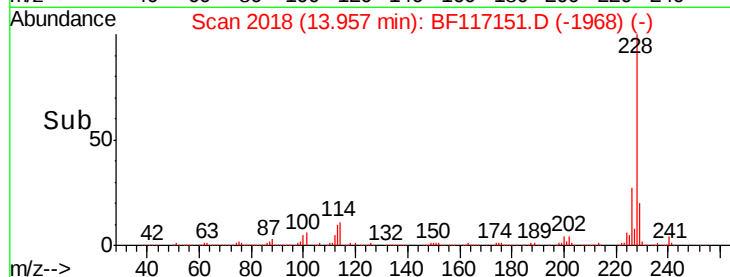
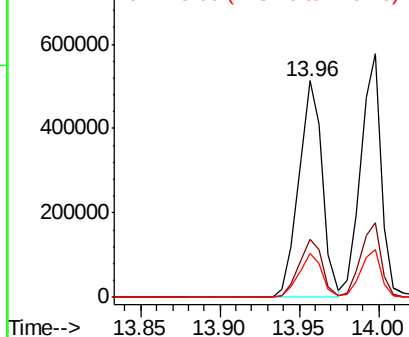
Tot Ion:	228	Resp:	534372
Ion Ratio	Lower	Upper	
228	100		
226	27.1	22.3	33.5
229	20.3	15.9	23.9

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



#82

3,3'-Dichlorobenzidine

Concen: 24.948 ng

RT: 13.92 min Scan# 2011

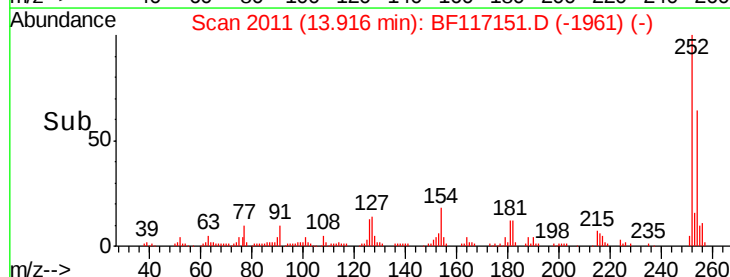
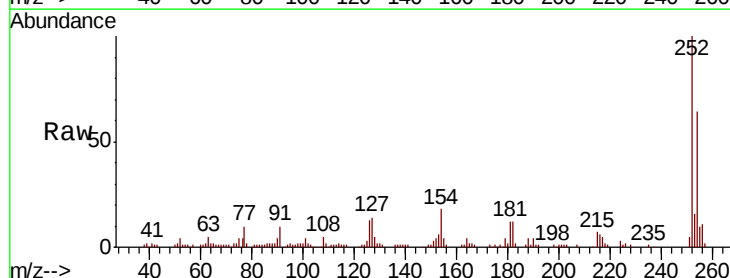
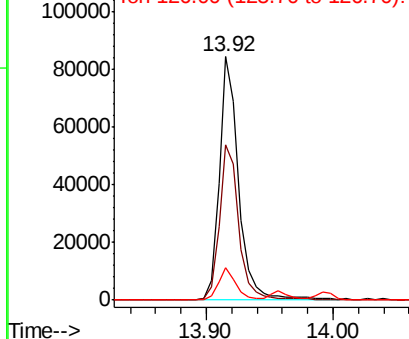
Delta R.T. -0.01 min

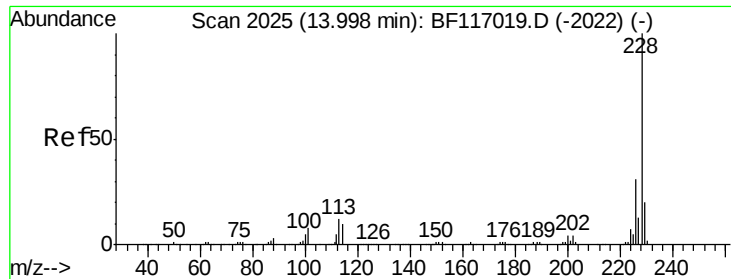
Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Tgt Ion:	252	Resp:	89956
Ion Ratio	Lower	Upper	
252	100		
254	63.9	52.6	79.0
126	13.2	10.4	15.6

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





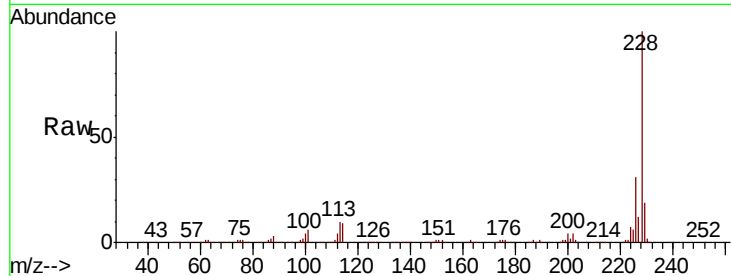
#83
Chrysene
Concen: 48.327 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.8	37.2
229	19.4	15.8	23.8

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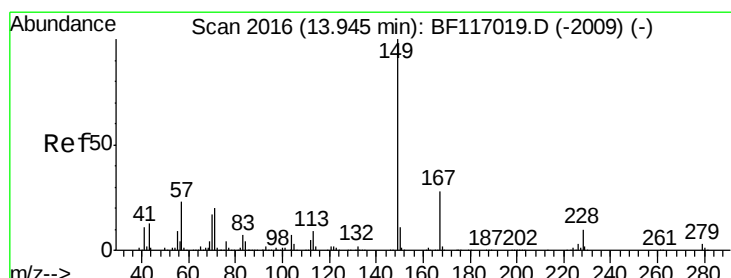
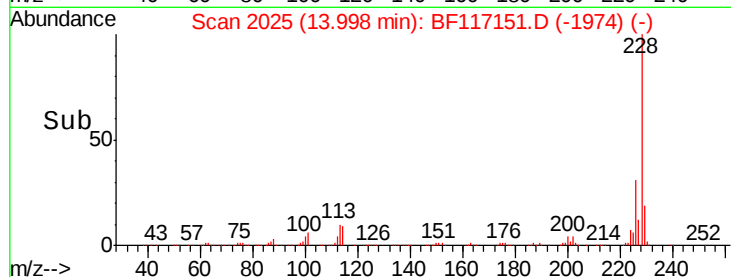
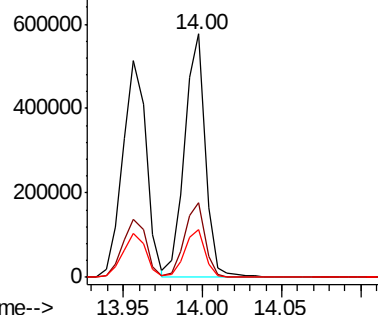


Abundance

Ion 228.00 (227.70 to 228.70): E

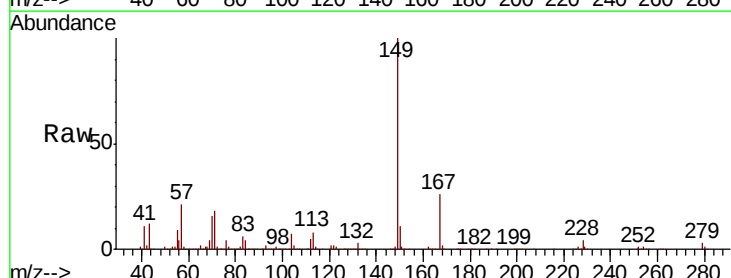
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.931 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.5	22.2	33.2
279	3.5	2.8	4.2

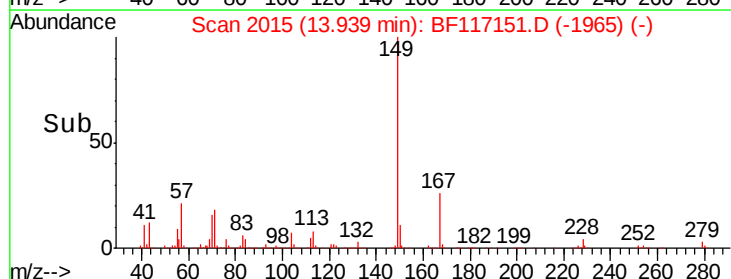
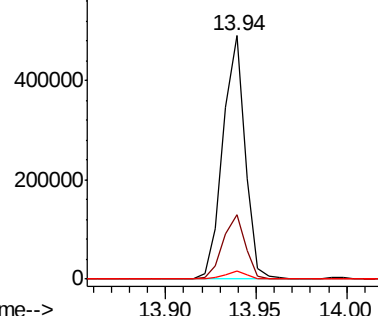


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 53.858 ng

RT: 14.54 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Instrument :

BNA_F

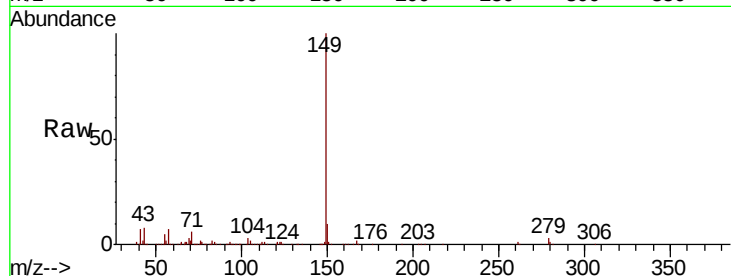
ClientSampleId :

PL-02-091619MS

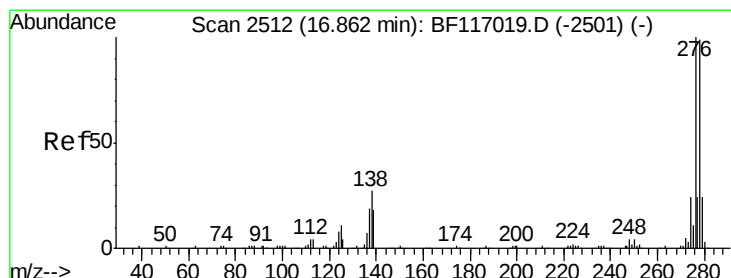
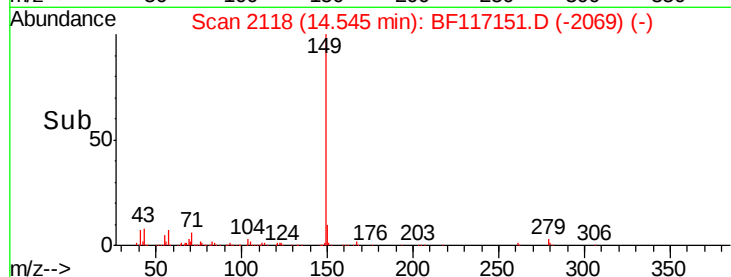
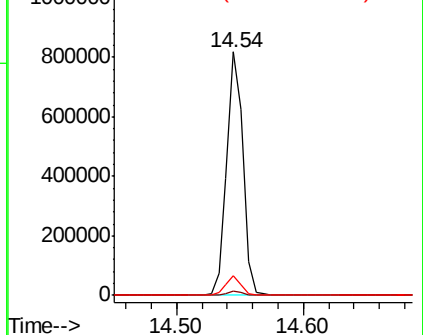
Tot Ion:	149	Resp:	725740
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	7.4	6.2	9.4

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 62.273 ng

RT: 16.86 min Scan# 2512

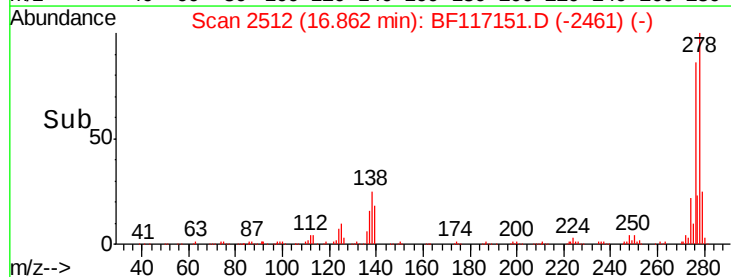
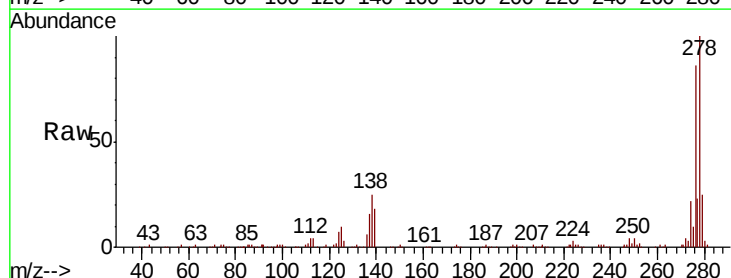
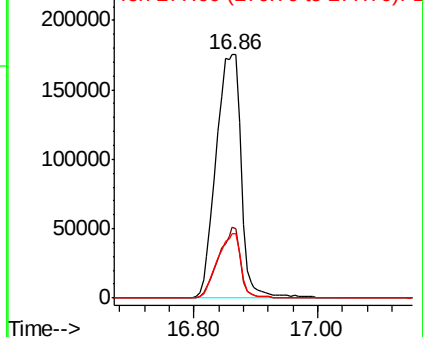
Delta R.T. 0.00 min

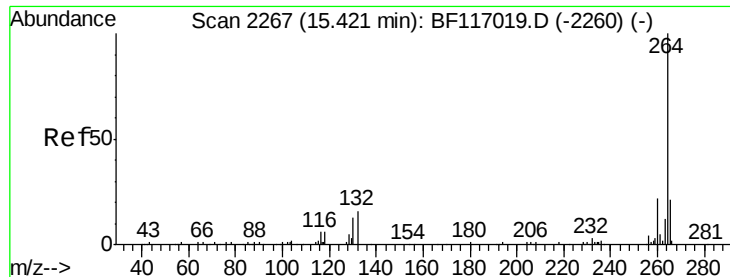
Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Tgt Ion:	276	Resp:	495810
Ion Ratio	Lower	Upper	
276	100		
138	25.3	20.7	31.1
277	24.8	19.8	29.8

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





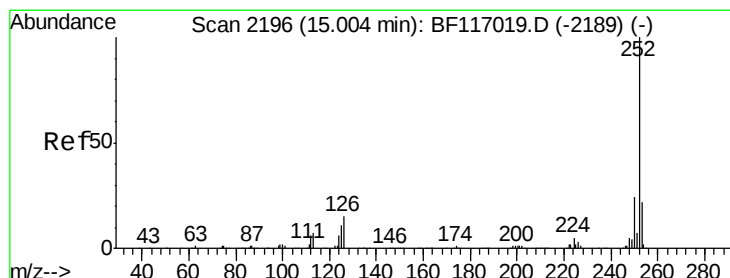
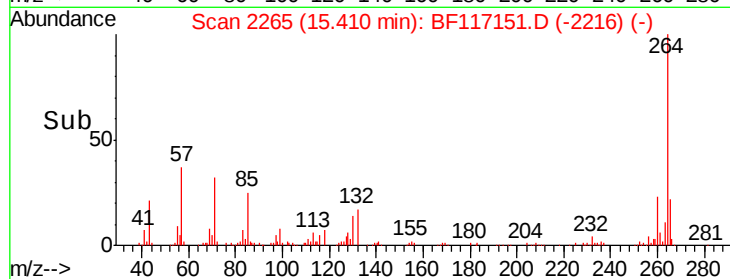
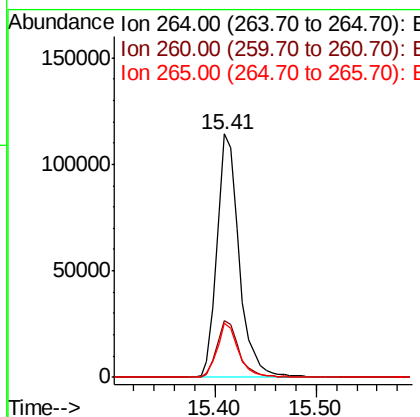
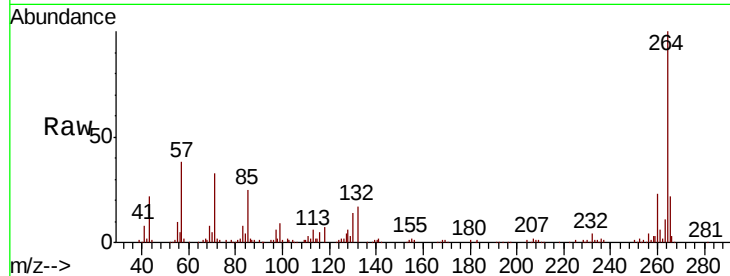
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.6	26.4
265	22.4	16.6	24.8

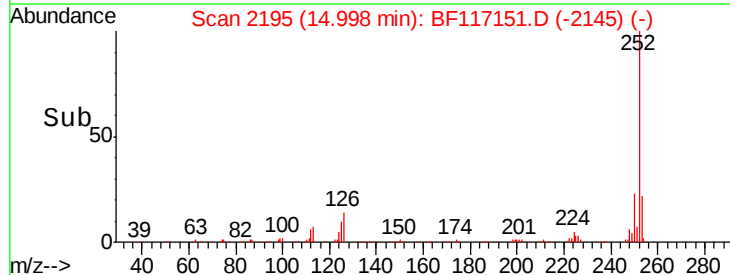
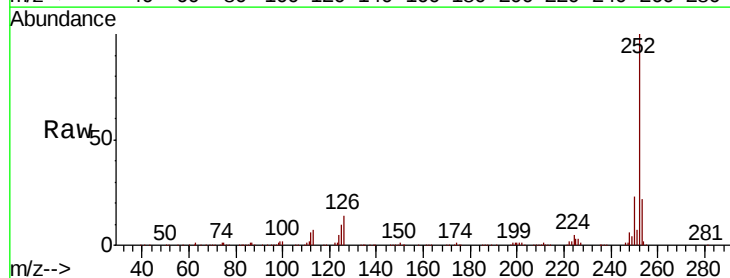
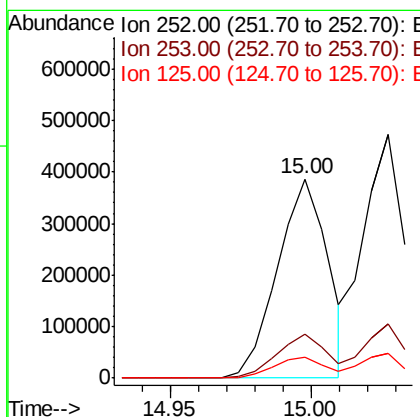
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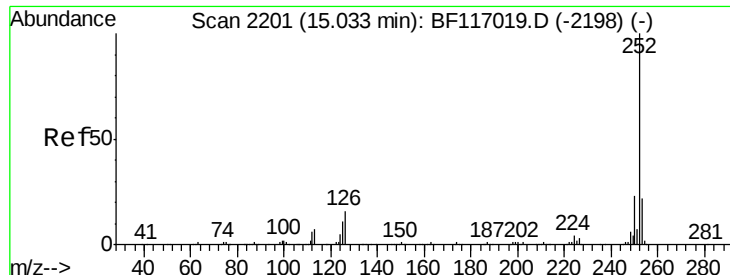
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#88
Benzo(b)fluoranthene
Concen: 45.554 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	10.3	8.6	12.8





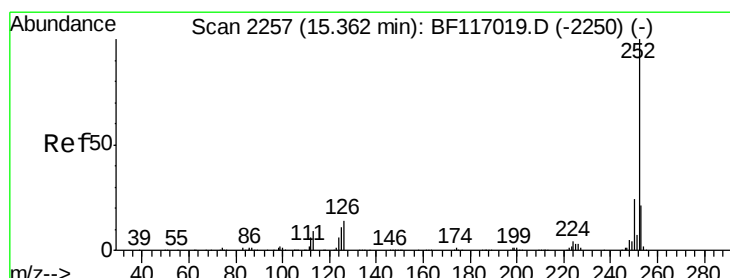
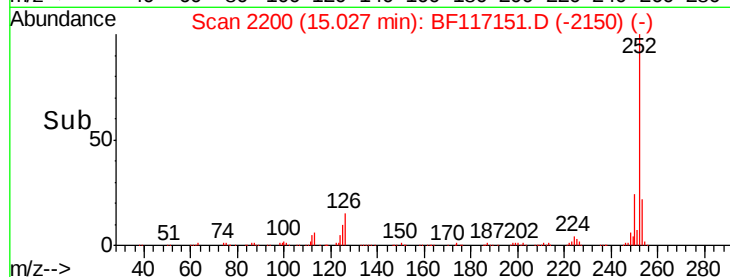
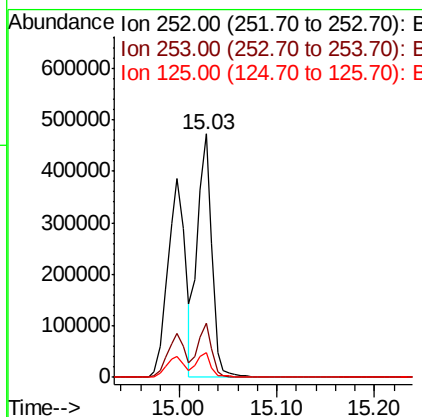
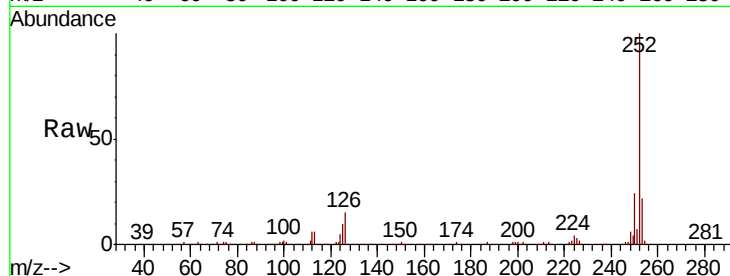
#89
Benzo(k)fluoranthene
Concen: 48.654 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	10.3	8.8	13.2

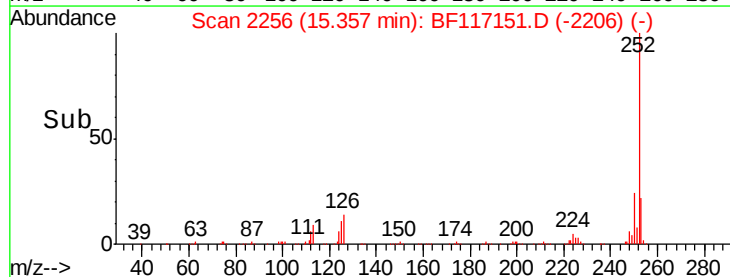
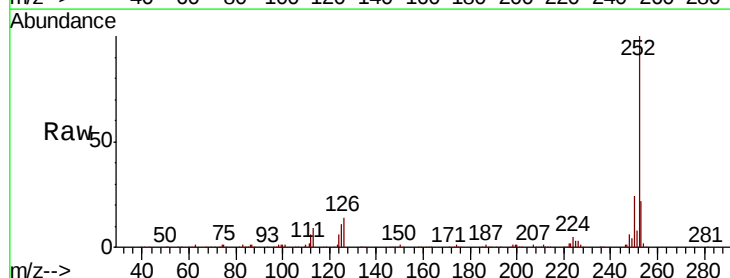
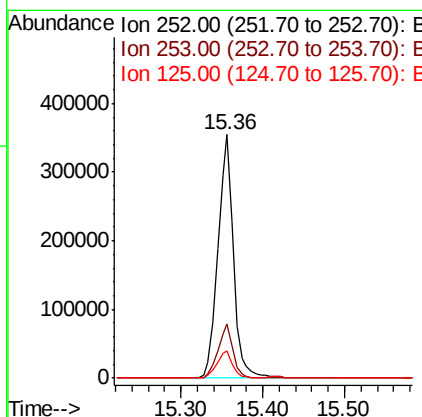
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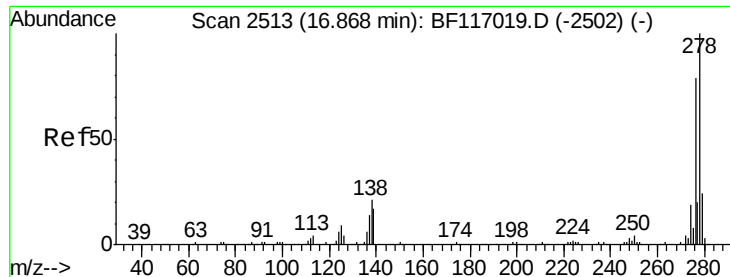
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#90
Benzo(a)pyrene
Concen: 51.046 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	16.6	25.0
125	11.2	8.9	13.3





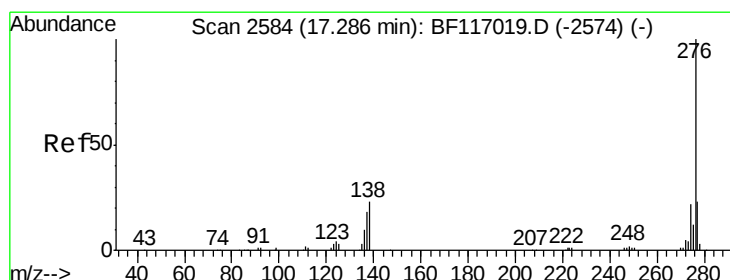
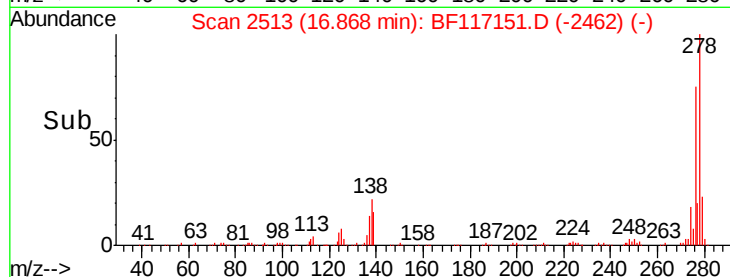
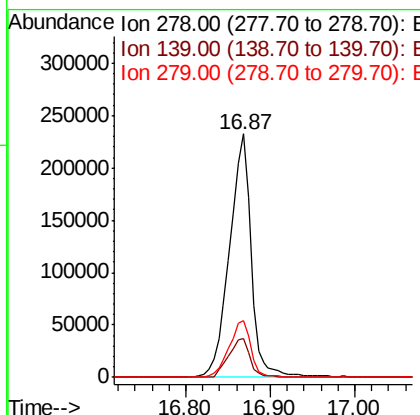
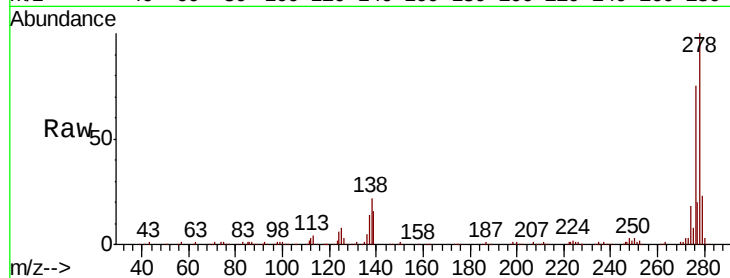
#91
Dibenzo(a,h)anthracene
Concen: 55.997 ng
RT: 16.87 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Instrument :
BNA_F
ClientSampleId :
PL-02-091619MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.5	20.3
279	23.4	18.8	28.2

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#92
Benzo(g,h,i)perylene
Concen: 56.260 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BF117151.D
Acq: 18 Sep 2019 18:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	27.8
138	22.5	18.0	27.0

