

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092419\
 Data File : BF117227.D
 Acq On : 24 Sep 2019 20:33
 Operator : JU
 Sample : K5008-07MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Manual Integrations
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mohammad
 9/26/2019 8:24:18 AM

Quant Time: Sep 25 07:19:25 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	27240	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	108625	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	56252	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	92092	20.00	ng	0.00
76) Chrysene-d12	13.97	240	59695	20.00	ng	0.00
87) Perylene-d12	15.43	264	63608	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	257988	147.86	ng	0.00
7) Phenol-d6	6.46	99	364790	161.78	ng	0.00
23) Nitrobenzene-d5	7.38	82	222393	107.57	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	67935	144.50	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	364428	101.30	ng	0.00
79) Terphenyl-d14	12.92	244	327813	102.65	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.58	88	29614	40.562	ng	# 95
3) Pyridine	3.34	79	73199	36.630	ng	97
4) n-Nitrosodimethylamine	3.27	42	34527	50.347	ng	# 84
6) Aniline	6.48	93	88605	30.520	ng	# 66
8) 2-Chlorophenol	6.60	128	94420	50.163	ng	97
9) Benzaldehyde	6.36	77	64700	62.808	ng	96
10) Phenol	6.47	94	130704	52.581	ng	92
11) bis(2-Chloroethyl)ether	6.55	93	87661	47.982	ng	99
12) 1,3-Dichlorobenzene	6.76	146	99337	47.032	ng	99
13) 1,4-Dichlorobenzene	6.83	146	101011	46.863	ng	98
14) 1,2-Dichlorobenzene	6.99	146	94661	47.169	ng	98
15) Benzyl Alcohol	6.96	79	89397	51.700	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	79484	44.036	ng	60
17) 2-Methylphenol	7.07	107	77862	49.358	ng	# 90
18) Hexachloroethane	7.32	117	37697	45.461	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	69406	50.549	ng	94
20) 3+4-Methylphenols	7.23	107	100180	50.984	ng	97
22) Acetophenone	7.22	105	139981	50.721	ng	# 96
24) Nitrobenzene	7.40	77	106683	52.254	ng	98
25) Isophorone	7.63	82	186738	51.015	ng	98
26) 2-Nitrophenol	7.72	139	46807	53.375	ng	98
27) 2,4-Dimethylphenol	7.76	122	80008	57.532	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	107151	47.512	ng	99
29) 2,4-Dichlorophenol	7.96	162	76094	52.221	ng	95
30) 1,2,4-Trichlorobenzene	8.04	180	76592	48.653	ng	98
31) Naphthalene	8.12	128	269784	51.641	ng	98
32) Benzoic acid	7.89	122	37504	37.404	ng	97
33) 4-Chloroaniline	8.17	127	30052	12.970	ng	98
34) Hexachlorobutadiene	8.23	225	43290	48.468	ng	96
35) Caprolactam	8.54	113	23660m	47.971	ng	
36) 4-Chloro-3-methylphenol	8.66	107	89292	52.554	ng	99
37) 2-Methylnaphthalene	8.81	142	180309	51.254	ng	99
38) 1-Methylnaphthalene	8.91	142	170315	51.692	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	70997	48.877	ng	99

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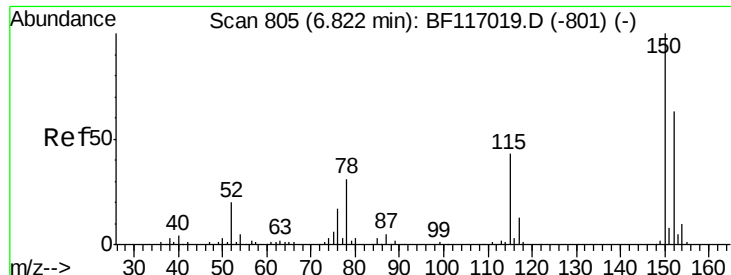
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	37087	59.942	nq	98
43) 2,4,6-Trichlorophenol	9.09	196	48330	49.028	nq	97
44) 2,4,5-Trichlorophenol	9.14	196	52041	49.412	nq	98
46) 1,1'-Biphenyl	9.27	154	216581	49.084	nq	99
47) 2-Chloronaphthalene	9.30	162	169512	48.678	nq	99
48) 2-Nitroaniline	9.40	65	54436	48.736	nq	99
49) Acenaphthylene	9.71	152	267075	51.196	nq	99
50) Dimethylphthalate	9.57	163	244752	61.450	nq	99
51) 2,6-Dinitrotoluene	9.64	165	42571	52.480	nq	98
52) Acenaphthene	9.89	154	156947	50.753	nq	97
53) 3-Nitroaniline	9.80	138	21453	20.961	nq	# 98
54) 2,4-Dinitrophenol	9.93	184	12034	39.586	nq	98
55) Dibenzofuran	10.06	168	235186	51.546	nq	99
56) 4-Nitrophenol	9.99	139	58346	87.959	nq	93
57) 2,4-Dinitrotoluene	10.05	165	56141	53.317	nq	# 92
58) Fluorene	10.40	166	191785	52.182	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	36392m	45.154	nq	
60) Diethylphthalate	10.27	149	198557	50.672	nq	100
61) 4-Chlorophenyl-phenylether	10.39	204	83496	52.507	nq	96
62) 4-Nitroaniline	10.42	138	42318	39.759	nq	# 82
63) Azobenzene	10.55	77	205003	51.224	nq	95
65) 4,6-Dinitro-2-methylphenol	10.46	198	11408	30.180	nq	# 73
66) n-Nitrosodiphenylamine	10.51	169	165981	52.187	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	46649	49.601	nq	92
68) Hexachlorobenzene	10.95	284	48901	47.539	nq	94
69) Atrazine	11.03	200	45599	65.060	nq	99
70) Pentachlorophenol	11.15	266	45346	94.044	nq	100
71) Phenanthrene	11.36	178	266924	51.029	nq	99
72) Anthracene	11.42	178	281688	52.748	nq	99
73) Carbazole	11.57	167	253387	49.988	nq	98
74) Di-n-butylphthalate	11.89	149	314939	52.220	nq	99
75) Fluoranthene	12.55	202	259104	48.209	nq	97
77) Benzidine	12.67	184	117292	60.996	nq	99
78) Pyrene	12.77	202	257282	51.365	nq	99
80) Butylbenzylphthalate	13.39	149	122269	51.661	nq	99
81) Benzo(a)anthracene	13.96	228	198962	49.886	nq	98
82) 3,3'-Dichlorobenzidine	13.92	252	59938	46.637	nq	95
83) Chrysene	14.00	228	187506	48.204	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	167673	54.946	nq	95
85) Di-n-octyl phthalate	14.55	149	265408	55.259	nq	99
86) Indeno(1,2,3-cd)pyrene	16.88	276	193206	68.080	nq	98
88) Benzo(b)fluoranthene	15.01	252	179981	46.712	nq	98
89) Benzo(k)fluoranthene	15.04	252	173004	47.401	nq	98
90) Benzo(a)pyrene	15.37	252	172400	50.990	nq	96
91) Dibenzo(a,h)anthracene	16.89	278	164941	61.238	nq	97
92) Benzo(g,h,i)perylene	17.32	276	147365	54.905	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Instrument :

BNA_F

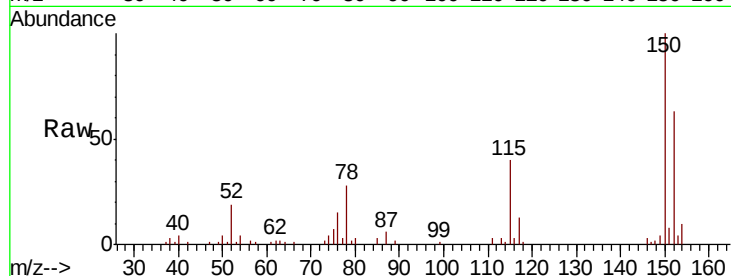
ClientSampleId :

SB-7MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	127.5	191.3
115	62.8	55.0	82.4

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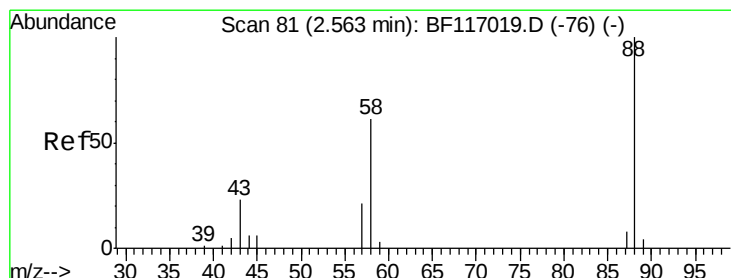
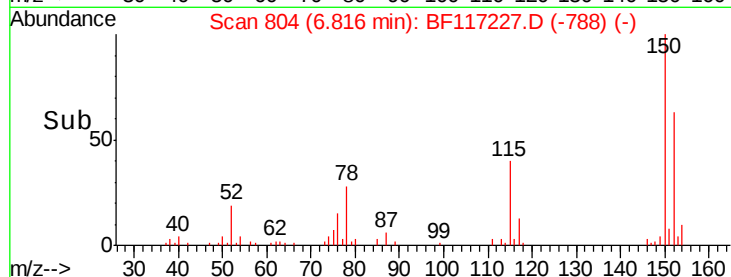
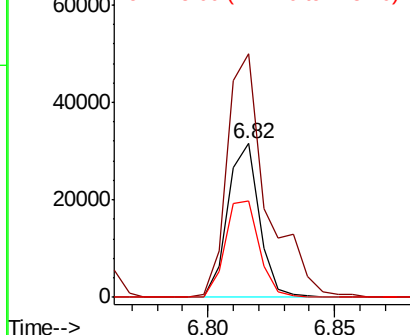


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.562 ng

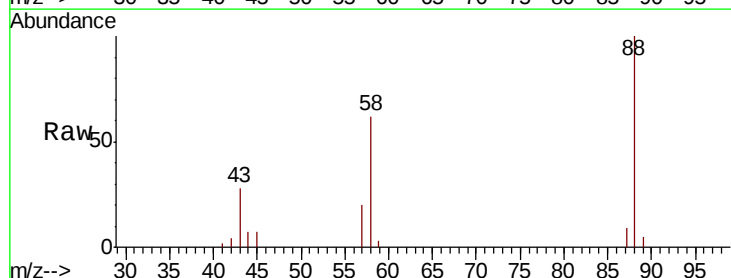
RT: 2.58 min Scan# 84

Delta R.T. 0.02 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.4	49.3	73.9
43	29.1	18.8	28.2

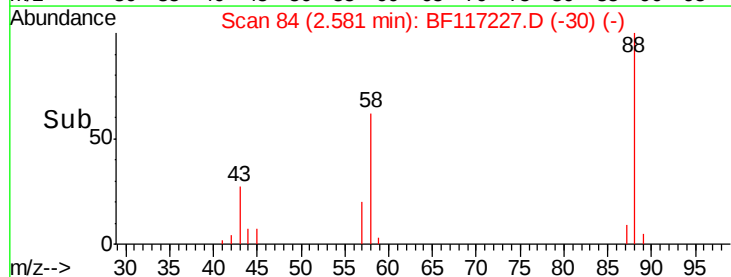
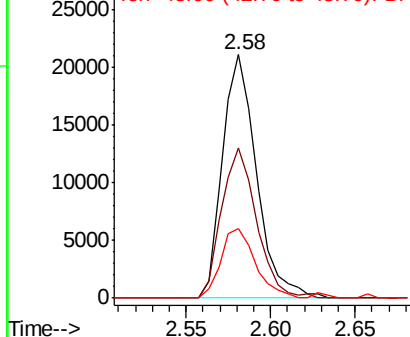


Abundance

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: 36.630 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.04 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Instrument :

BNA_F

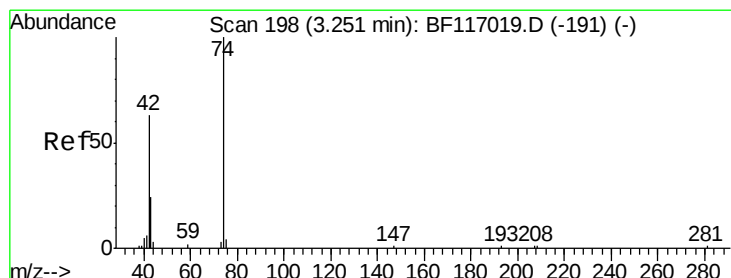
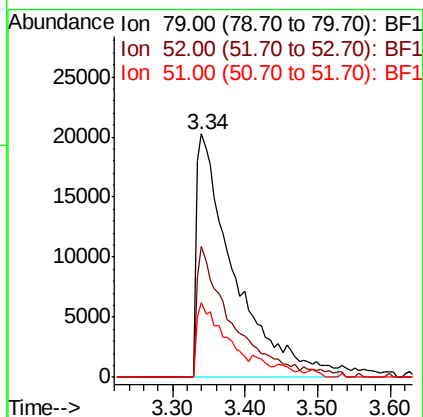
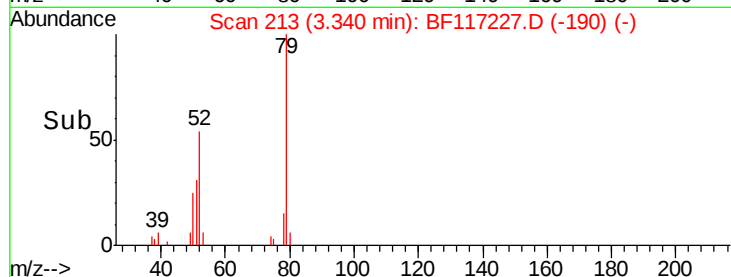
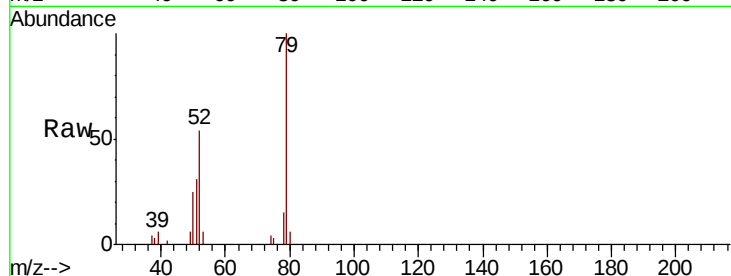
ClientSampleId :

SB-7MSD

Tot Ion:	79	Resp:	73199
Ion Ratio	Lower	Upper	
79	100		
52	53.9	43.5	65.3
51	30.8	21.8	32.6

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#4

n-Nitrosodimethylamine

Concen: 50.347 ng

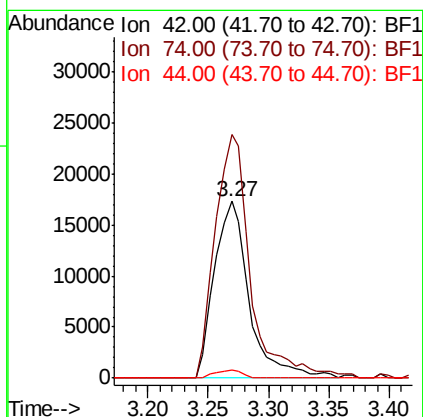
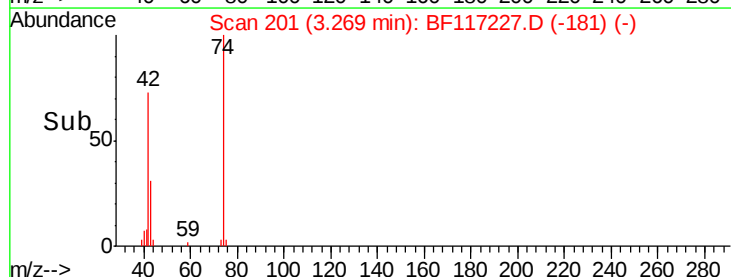
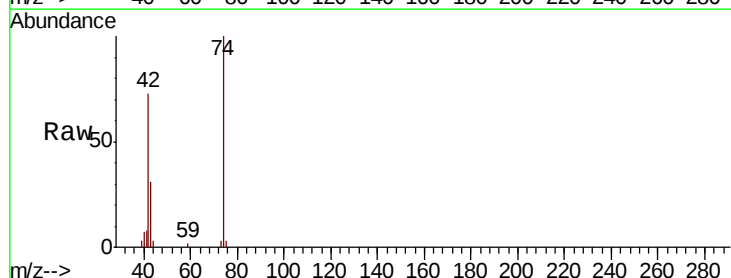
RT: 3.27 min Scan# 201

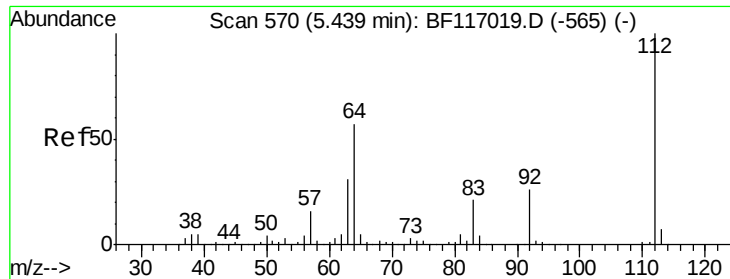
Delta R.T. 0.02 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Tgt Ion:	42	Resp:	34527
Ion Ratio	Lower	Upper	
42	100		
74	137.7	127.1	190.7
44	4.3	4.3	6.5#





#5

2-Fluorophenol

Concen: 147.865 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Instrument :

BNA_F

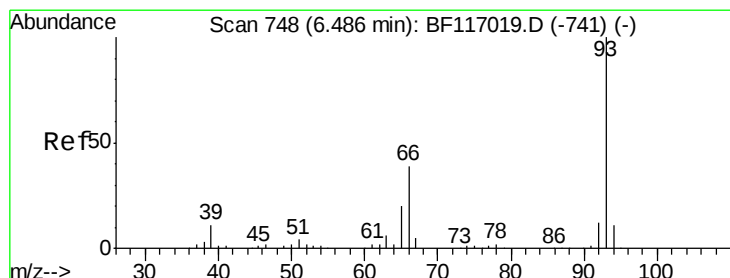
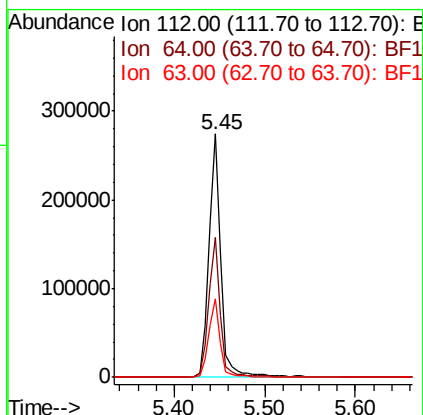
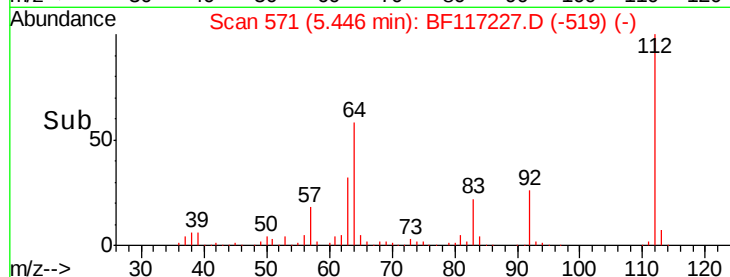
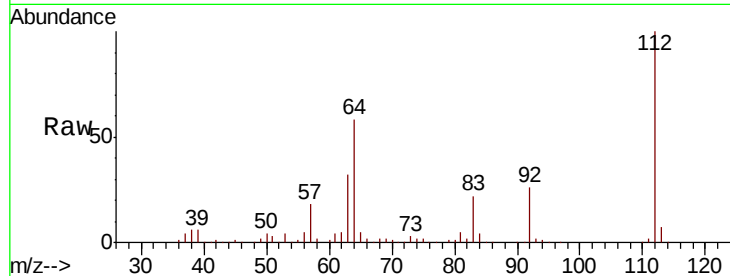
ClientSampleId :

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Tot Ion:	112	Resp:	257988
Ion Ratio	Lower	Upper	
112	100		
64	57.7	45.7	68.5
63	32.0	24.9	37.3

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#6

Aniline

Concen: 30.520 ng

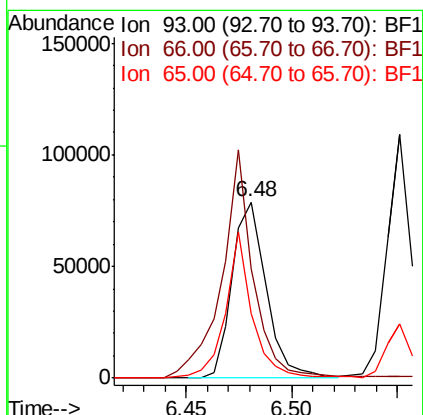
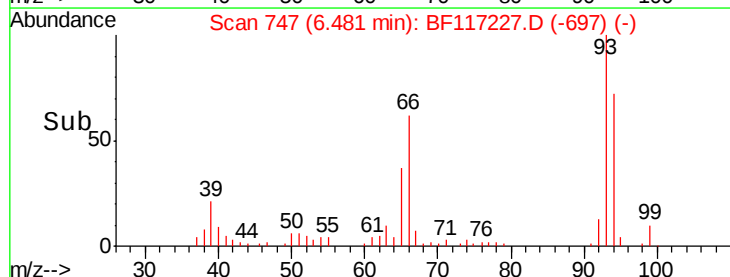
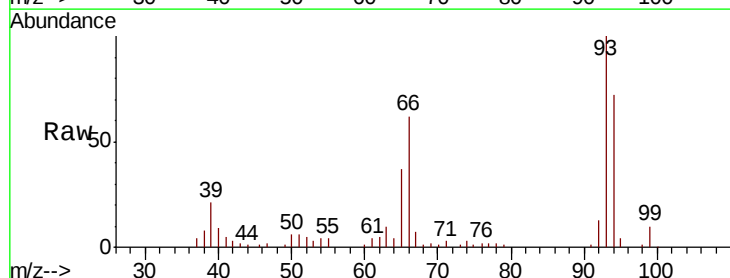
RT: 6.48 min Scan# 747

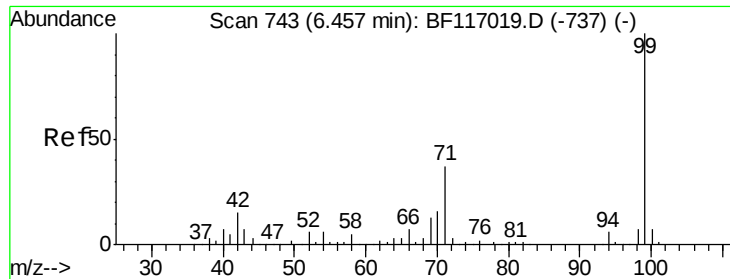
Delta R.T. -0.01 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Tgt Ion:	93	Resp:	88605
Ion Ratio	Lower	Upper	
93	100		
66	62.1	32.6	49.0#
65	36.6	16.7	25.1#





#7

Phenol-d6

Concen: 161.780 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Instrument :

BNA_F

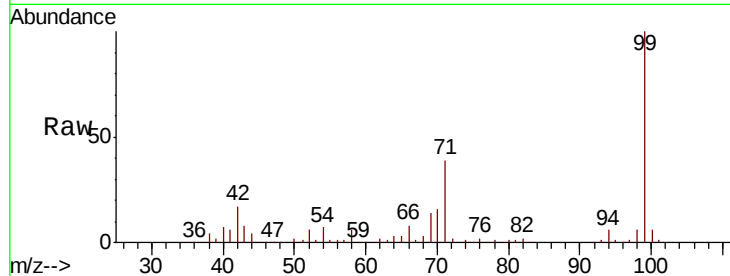
ClientSampleId :

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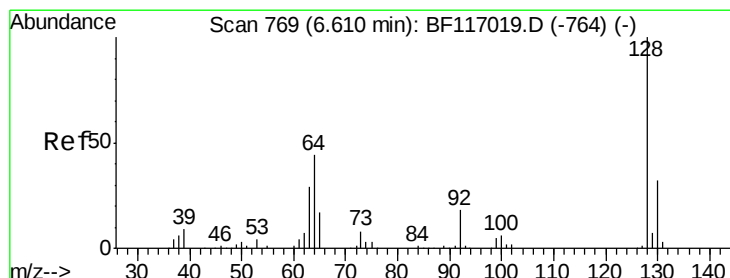
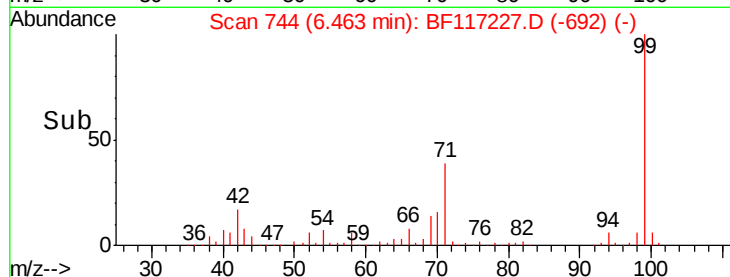
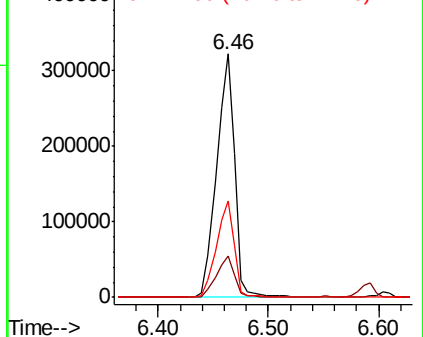
Tot Ion:	99	Resp:	364790
Ion Ratio	Lower	Upper	
99	100		
42	17.1	12.2	18.2
71	39.4	29.8	44.8

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 50.163 ng

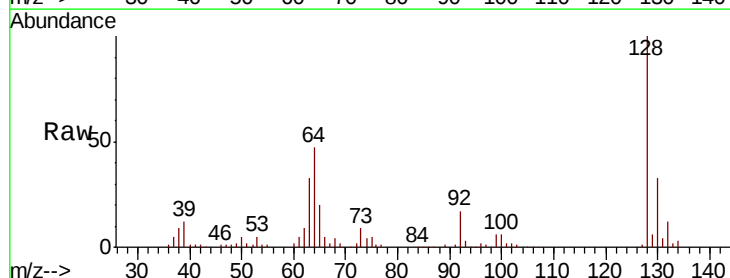
RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

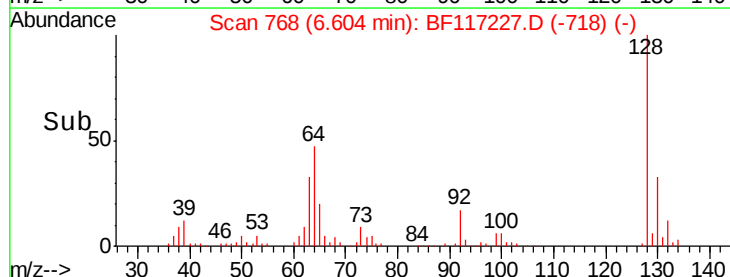
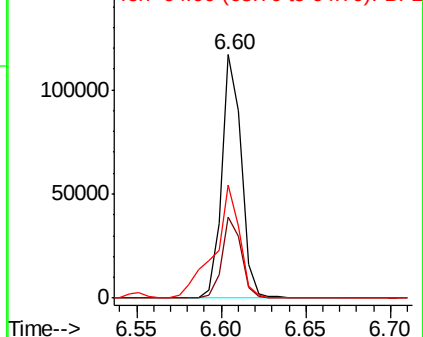
Lab File: BF117227.D

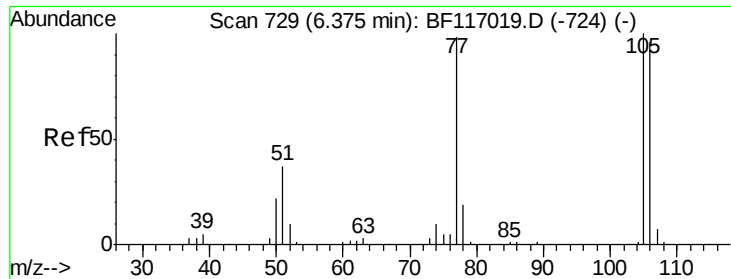
Acq: 24 Sep 2019 20:33

Tgt Ion:	128	Resp:	94420
Ion Ratio	Lower	Upper	
128	100		
130	33.3	11.8	51.8
64	46.6	25.0	65.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 62.808 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Instrument :

BNA_F

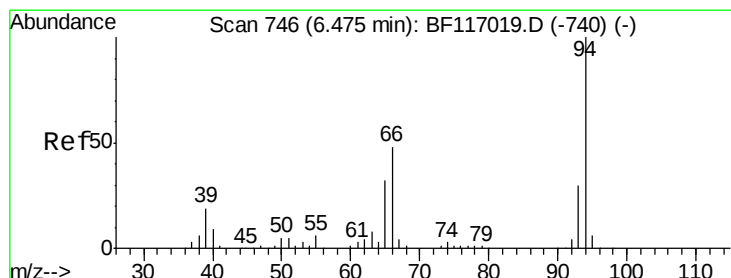
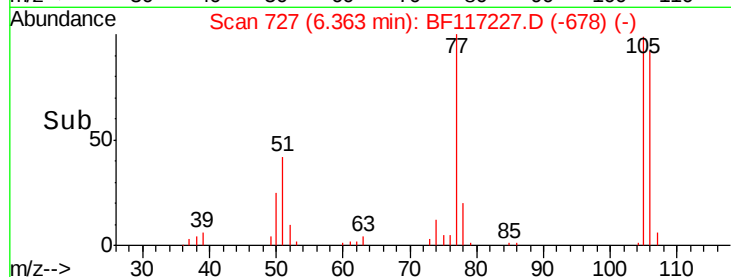
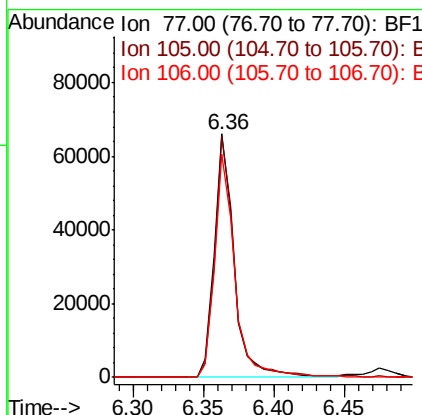
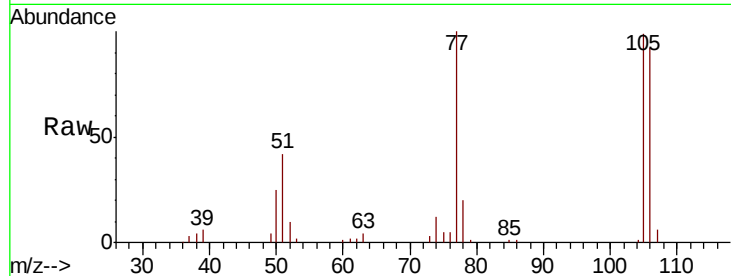
ClientSampleId :

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Tot Ion:	77	Resp:	64700
Ion	Ratio	Lower	Upper
77	100		
105	98.8	81.8	121.8
106	91.6	77.3	117.3

Manual Integrations
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#10

Phenol

Concen: 52.581 ng

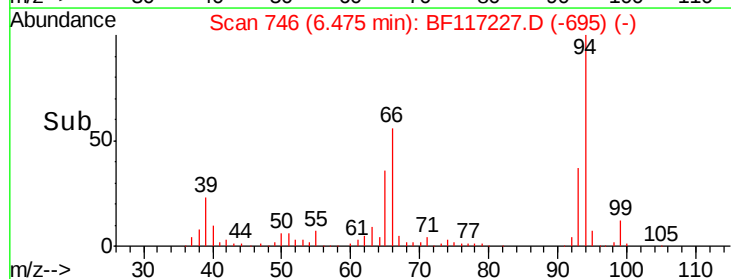
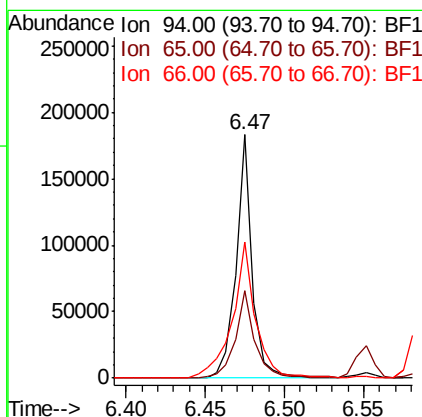
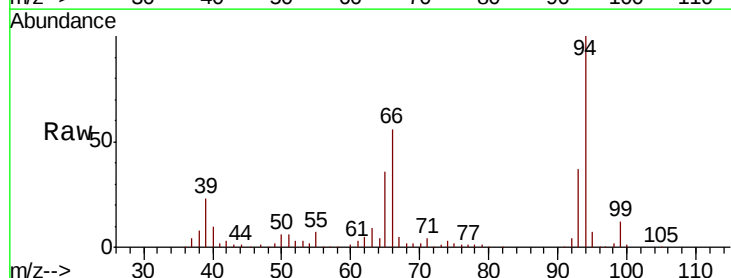
RT: 6.47 min Scan# 746

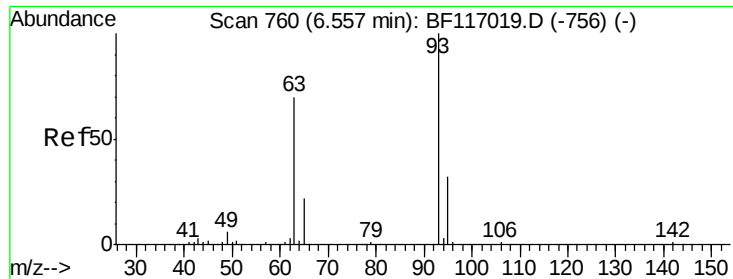
Delta R.T. 0.00 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Tgt Ion:	94	Resp:	130704
Ion	Ratio	Lower	Upper
94	100		
65	35.8	12.5	52.5
66	55.9	28.9	68.9





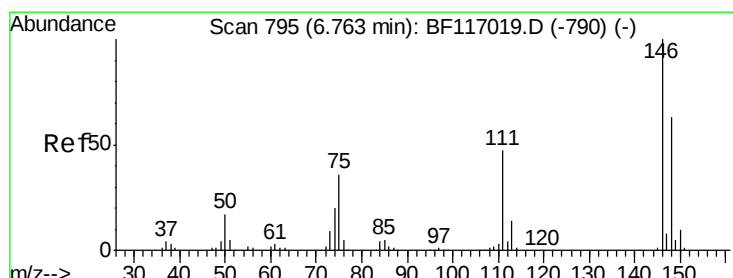
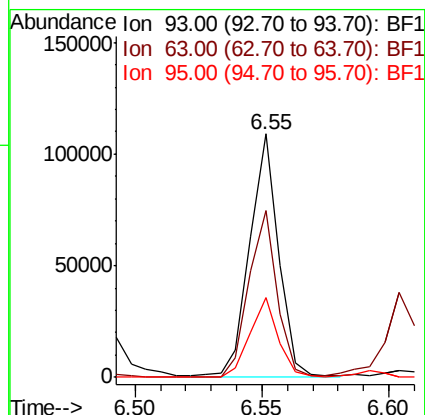
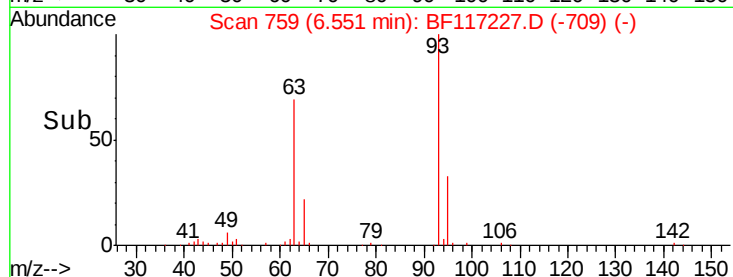
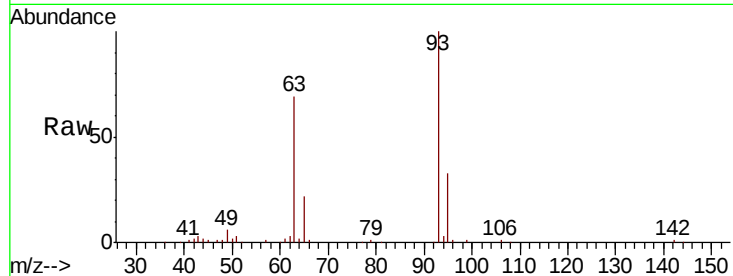
#11
bis(2-Chloroethyl)ether
Concen: 47.982 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion:	93	Resp:	87661
Ion	Ratio	Lower	Upper
93	100		
63	68.6	49.3	89.3
95	32.7	11.5	51.5

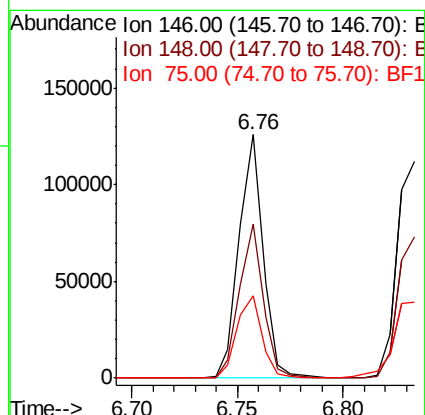
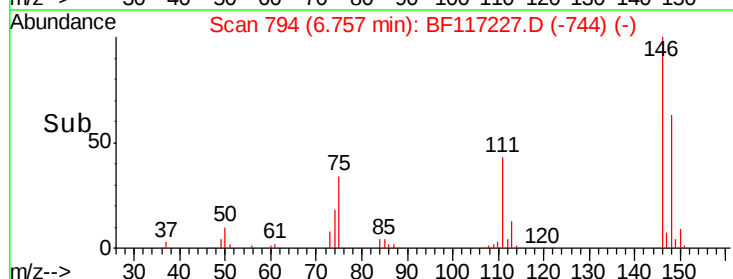
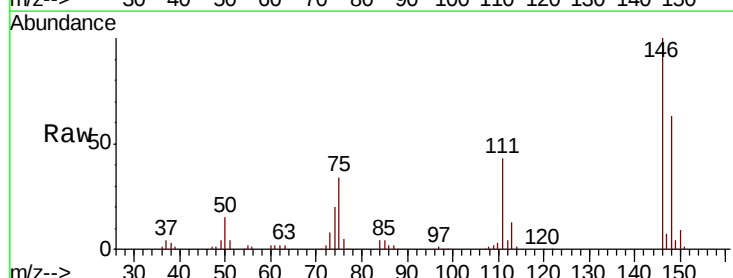
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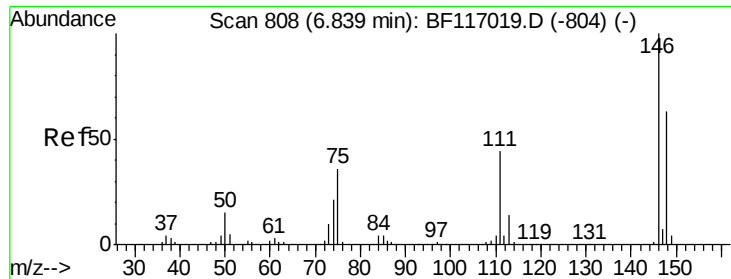
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#12
1,3-Dichlorobenzene
Concen: 47.032 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion:	146	Resp:	99337
Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
75	34.1	28.7	43.1





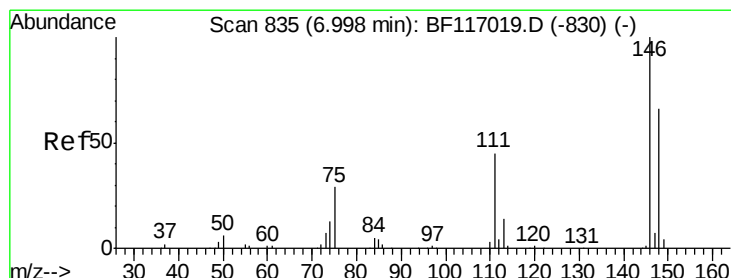
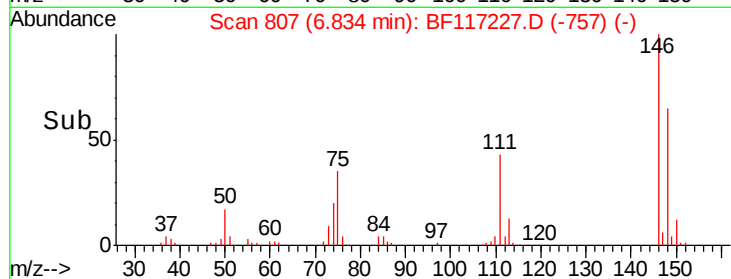
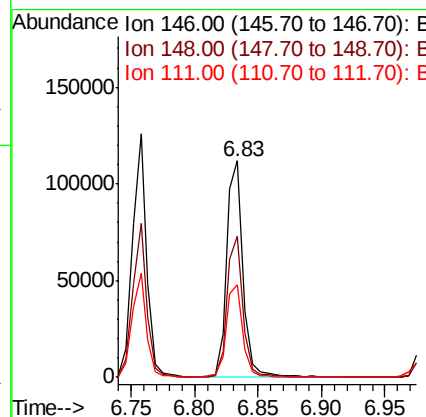
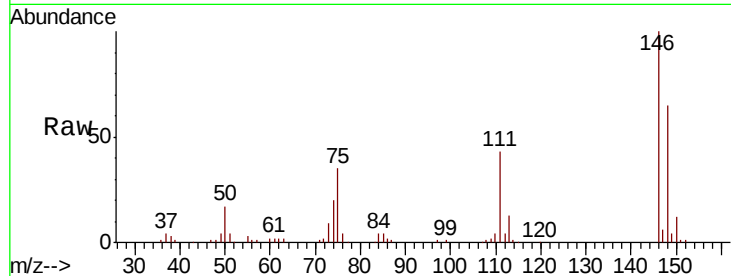
#13
 1,4-Dichlorobenzene
 Concen: 46.863 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.6	76.0
111	42.7	35.0	52.6

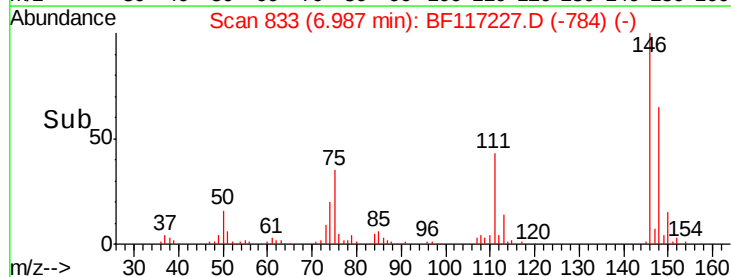
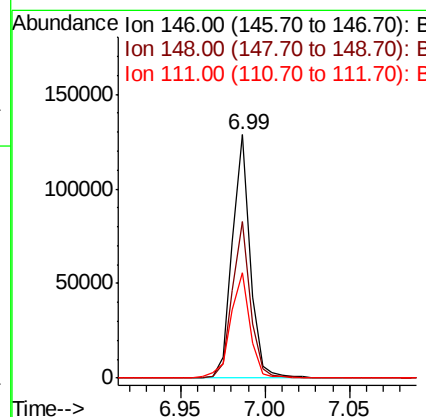
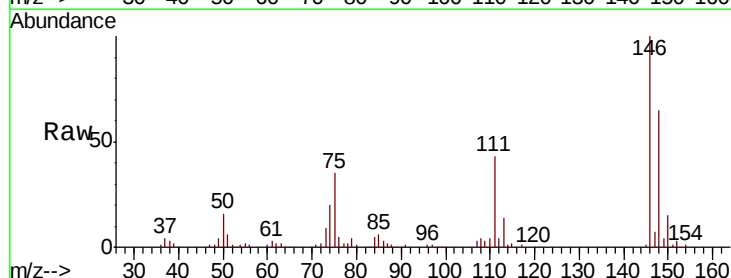
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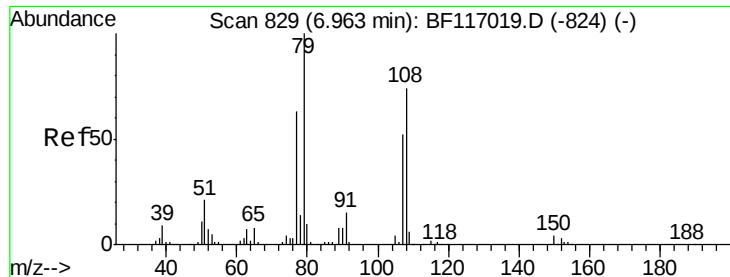
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#14
 1,2-Dichlorobenzene
 Concen: 47.169 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.6	78.8
111	43.4	36.2	54.2





#15

Benzyl Alcohol

Concen: 51.700 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Instrument :

BNA_F

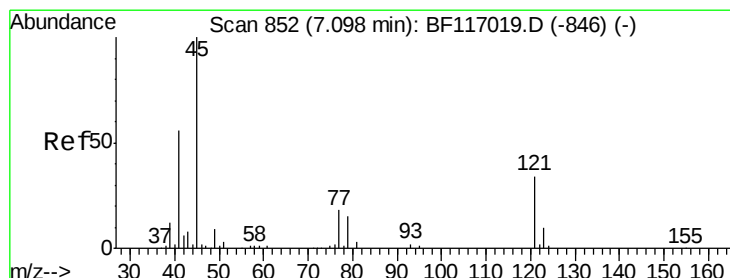
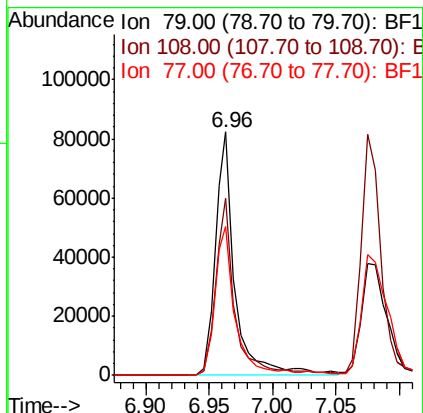
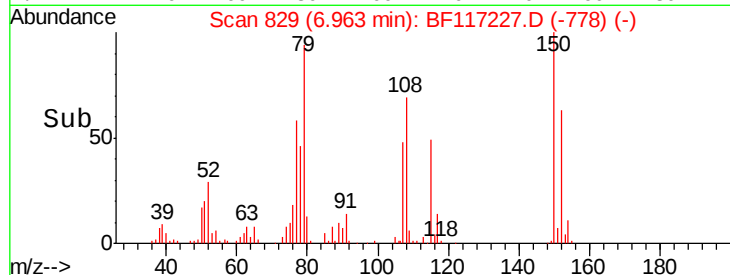
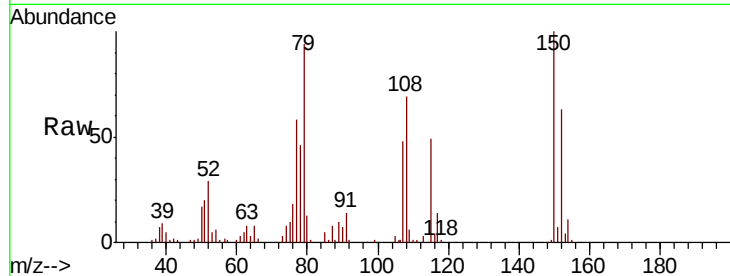
ClientSampled :

SB-7MSD

Tot Ion:	79	Resp:	89397
Ion	Ratio	Lower	Upper
79	100		
108	72.7	59.4	89.0
77	61.4	50.2	75.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 44.036 ng

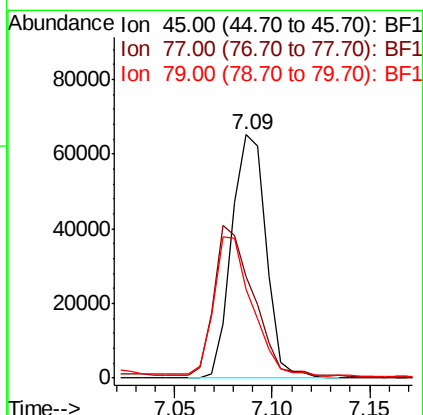
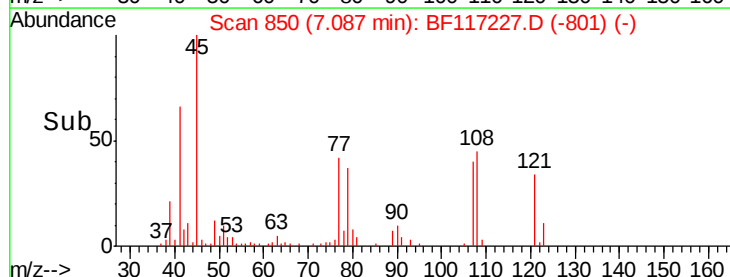
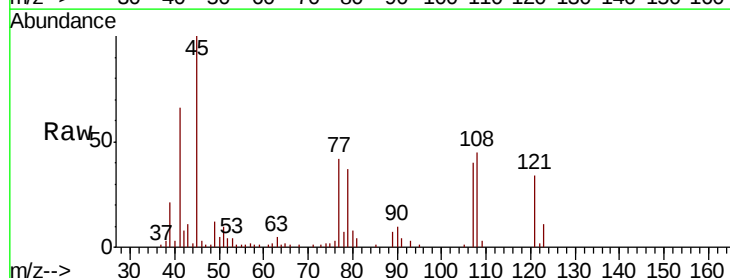
RT: 7.09 min Scan# 850

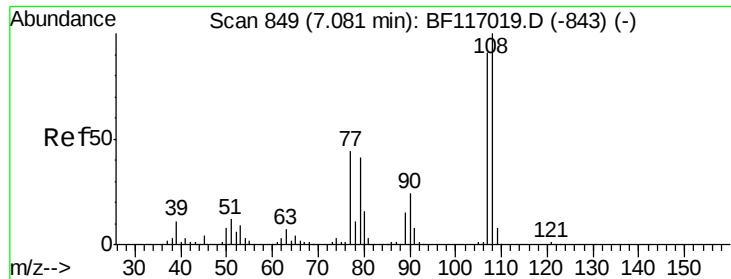
Delta R.T. -0.01 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Tgt Ion:	45	Resp:	79484
Ion	Ratio	Lower	Upper
45	100		
77	41.8	2.7	42.7
79	36.7	0.0	38.9





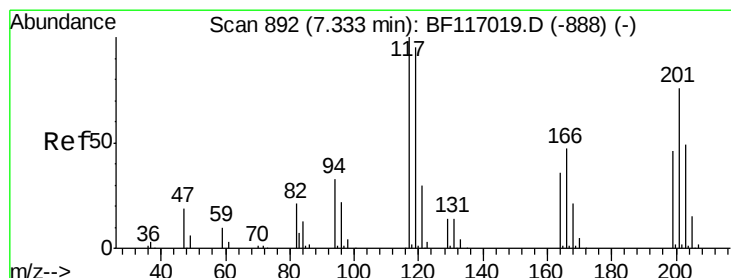
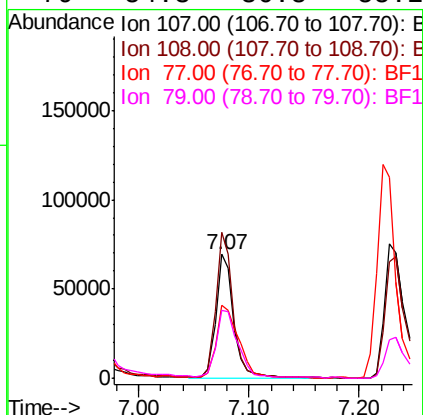
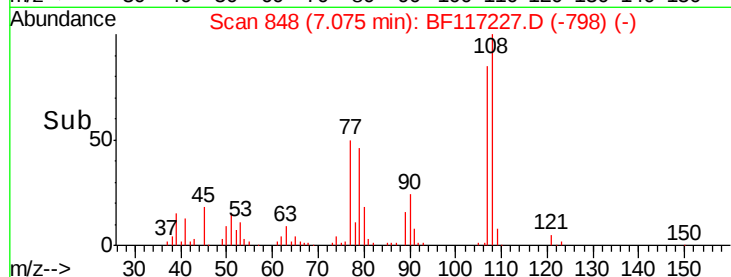
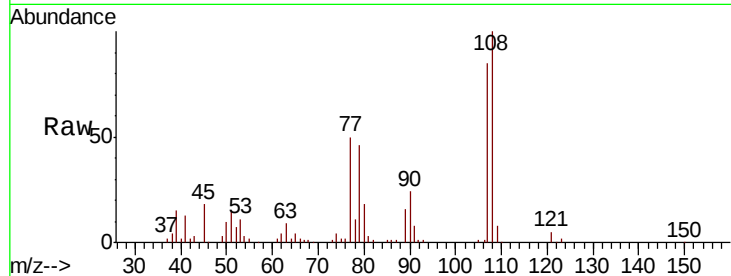
#17
2-Methylphenol
Concen: 49.358 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion:	107	Resp:	77862
Ion Ratio	Lower	Upper	
107	100		
108	117.4	87.7	131.5
77	58.8	38.6	58.0#
79	54.3	36.8	55.2

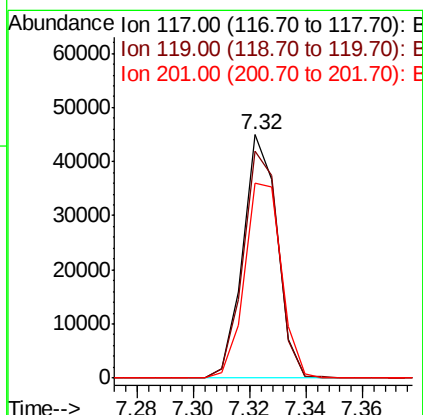
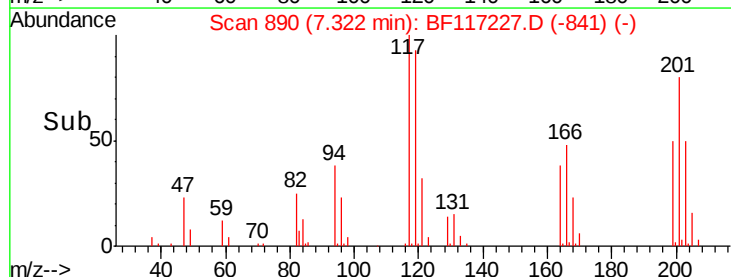
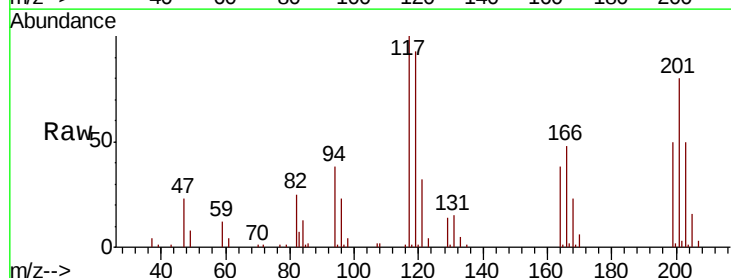
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#18
Hexachloroethane
Concen: 45.461 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion:	117	Resp:	37697
Ion Ratio	Lower	Upper	
117	100		
119	93.4	75.8	113.8
201	80.2	60.9	91.3





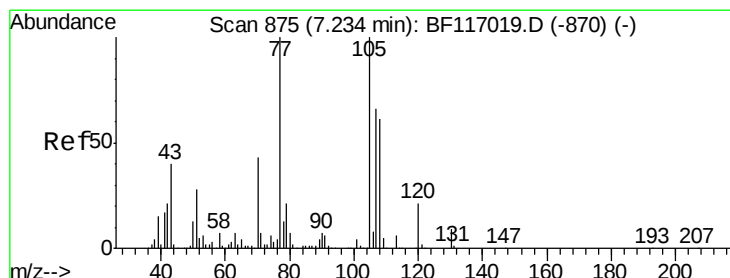
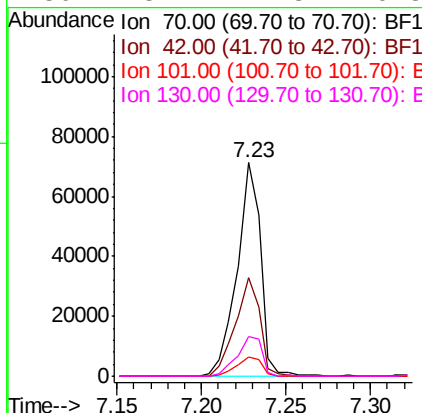
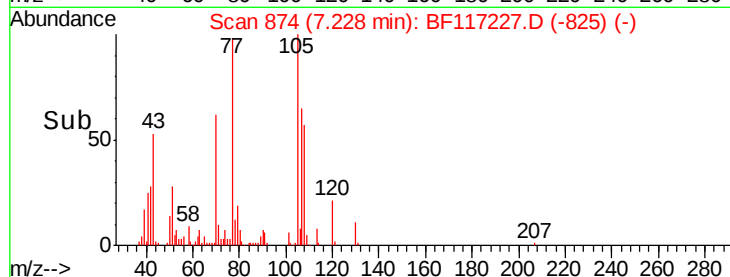
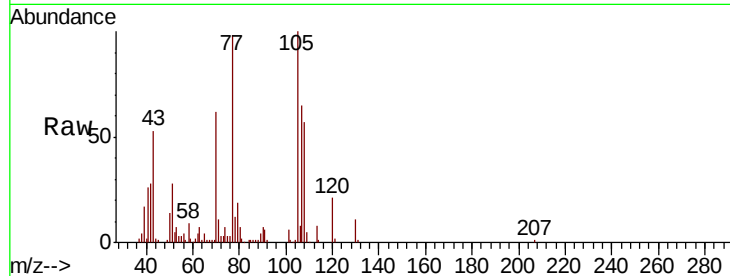
#19
n-Nitroso-di-n-propylamine
Concen: 50.549 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampled :
SB-7MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	45.9	34.0	51.0	
101	9.0	7.8	11.6	
130	18.4	17.8	26.8	

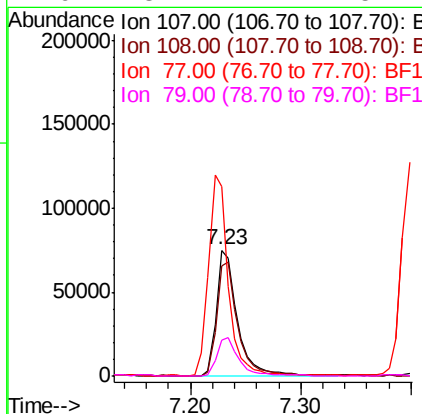
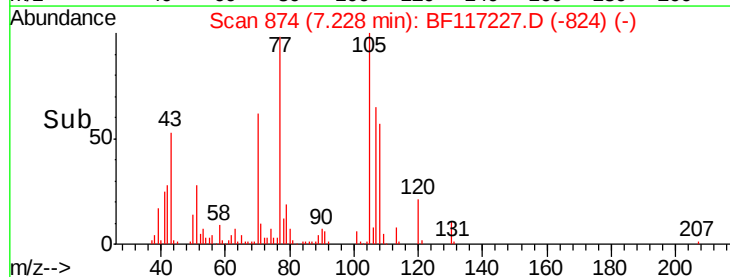
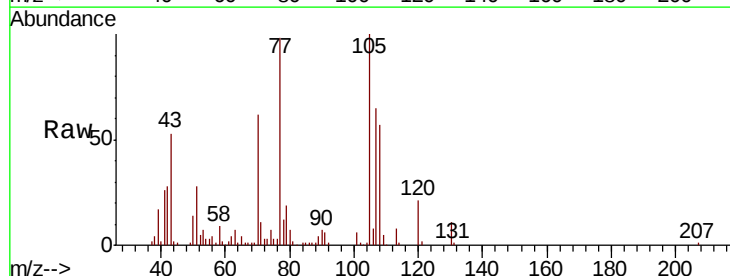
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#20
3+4-Methylphenols
Concen: 50.984 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.4	72.6	112.6	
77	150.4	132.1	172.1	
79	28.7	12.1	52.1	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Instrument :

BNA_F

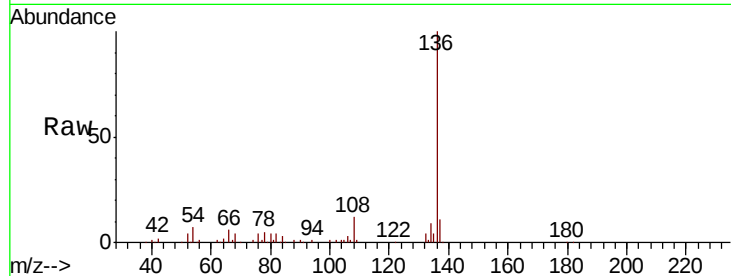
ClientSampleId :

SB-7MSD

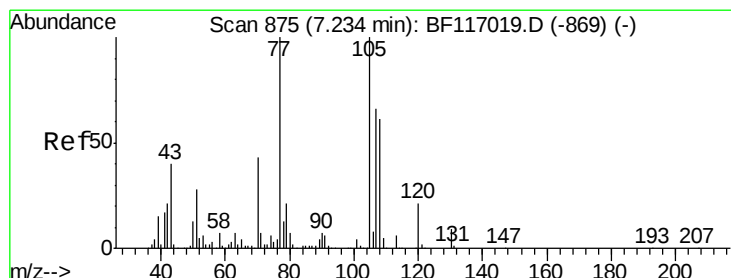
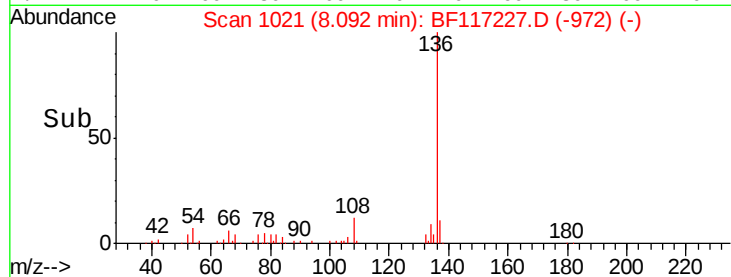
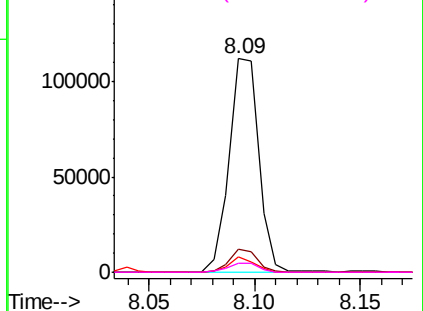
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		108625		
137	11.0		9.0	13.4	
54	6.9		4.5	6.7#	
68	4.4		4.0	6.0	

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 50.721 ng

RT: 7.22 min Scan# 873

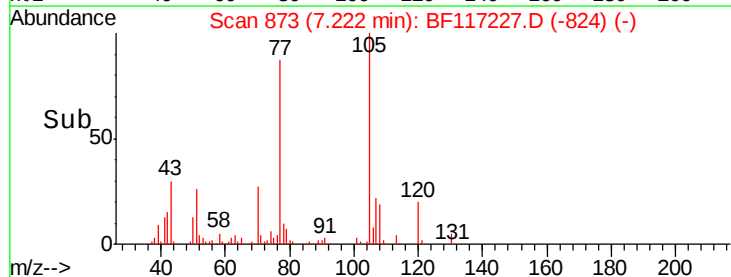
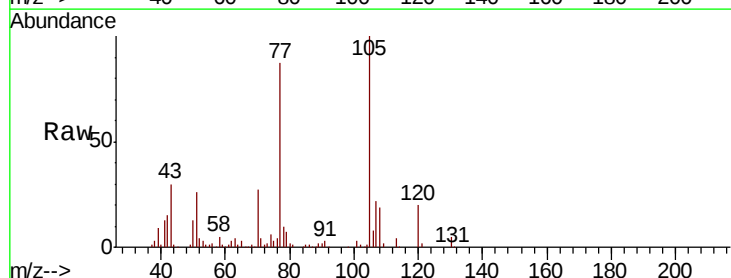
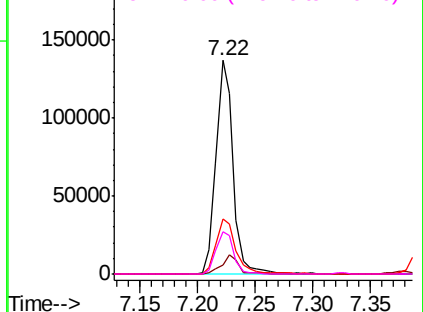
Delta R.T. -0.01 min

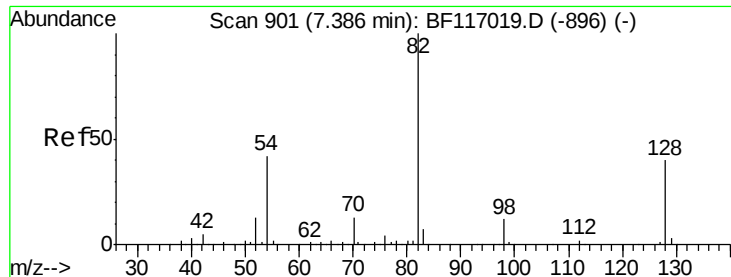
Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		139981		
71	4.3		5.7	8.5#	
51	25.8		22.1	33.1	
120	20.1		17.1	25.7	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





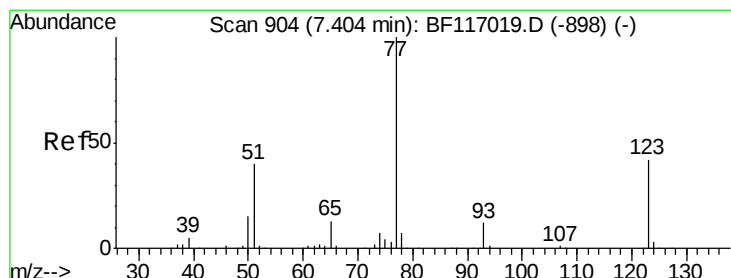
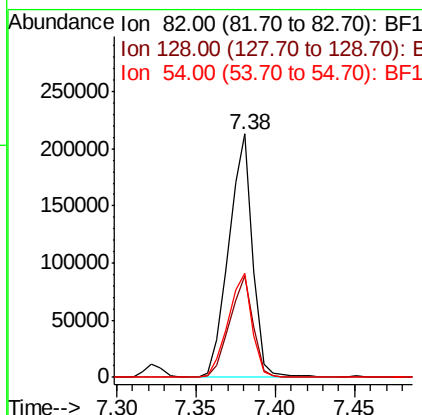
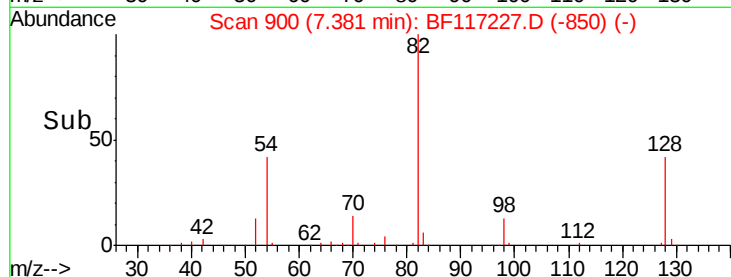
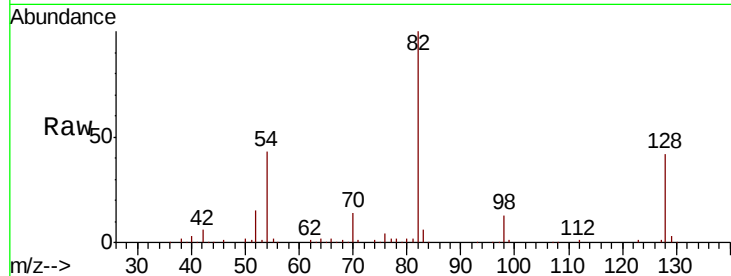
#23
Nitrobenzene-d5
Concen: 107.573 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	222393		
128	41.6		32.3	48.5
54	42.7		33.3	49.9

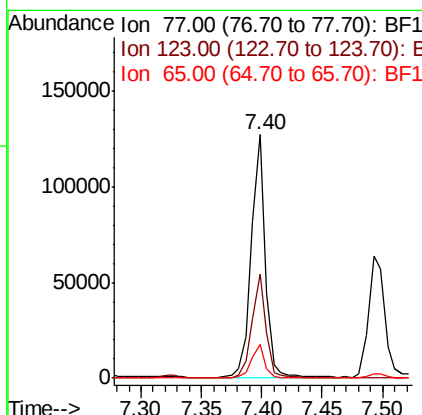
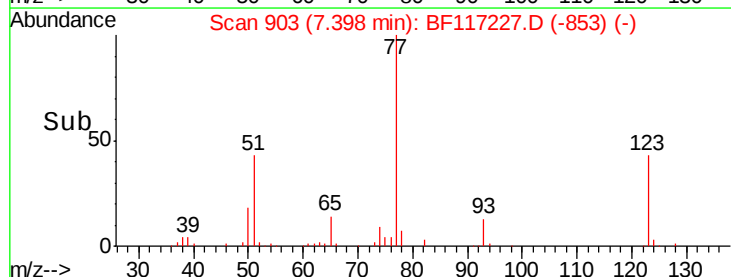
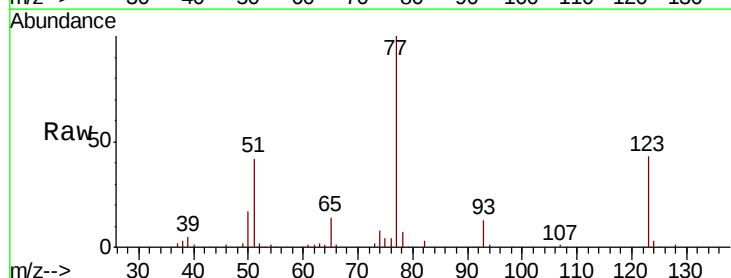
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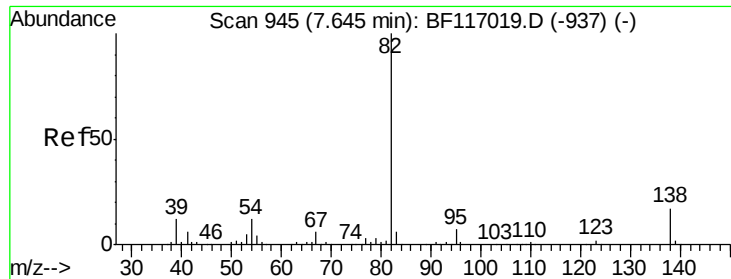
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#24
Nitrobenzene
Concen: 52.254 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	106683		
123	42.8		33.5	50.3
65	13.9		10.5	15.7





#25

Isophorone

Concen: 51.015 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Instrument :

BNA_F

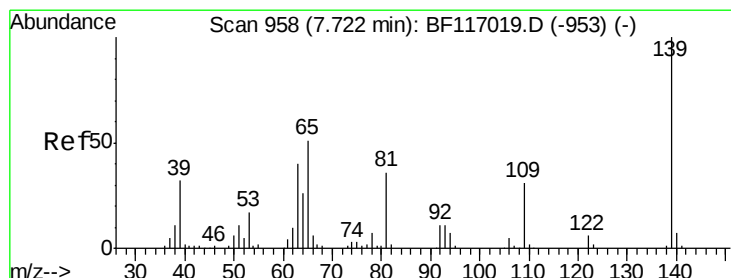
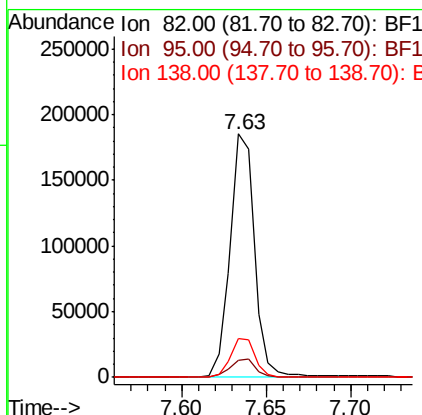
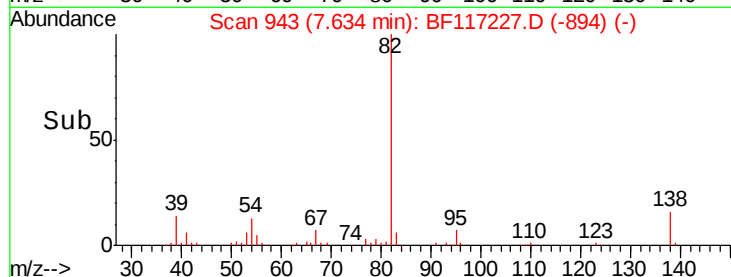
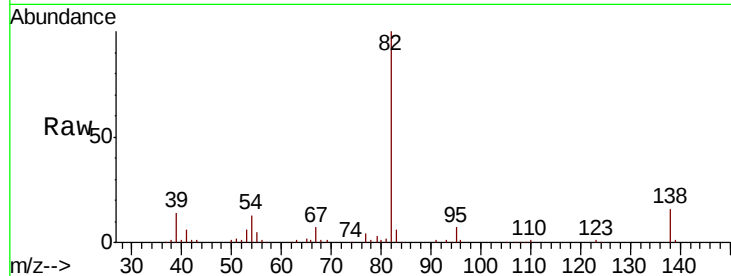
ClientSampleID :

SB-7MSD

Tot Ion:	82	Resp:	186738
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.8	8.6
138	15.8	13.5	20.3

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#26

2-Nitrophenol

Concen: 53.375 ng

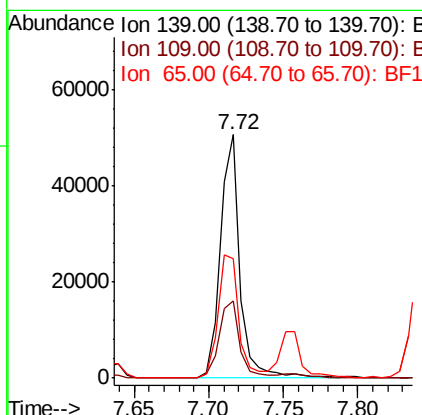
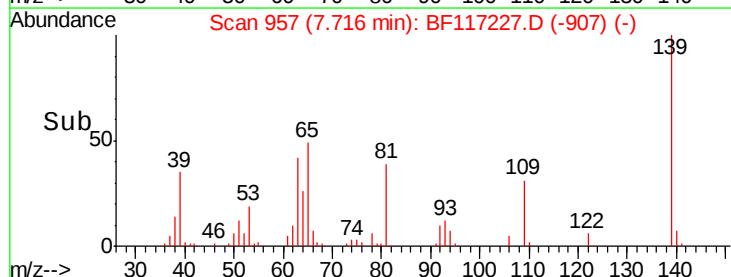
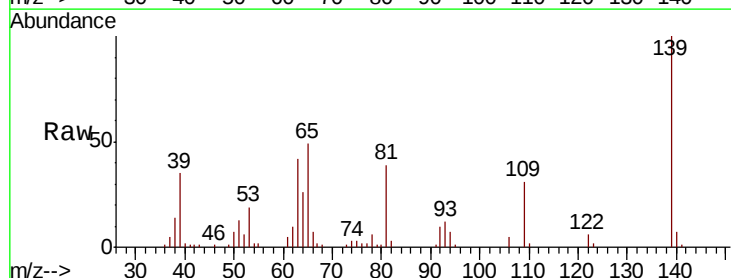
RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Tgt Ion:	139	Resp:	46807
Ion Ratio	Lower	Upper	
139	100		
109	31.5	24.6	36.8
65	49.2	40.9	61.3





#27

2,4-Dimethylphenol

Concen: 57.532 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Instrument :

BNA_F

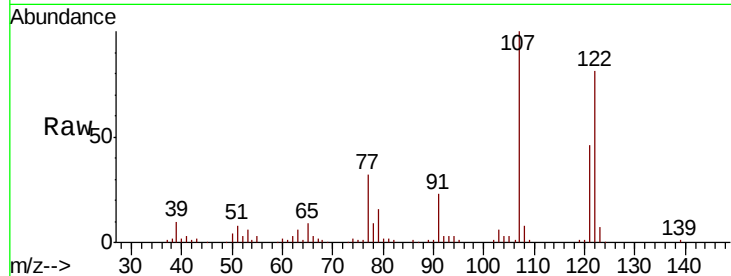
ClientSampled :

SB-7MSD

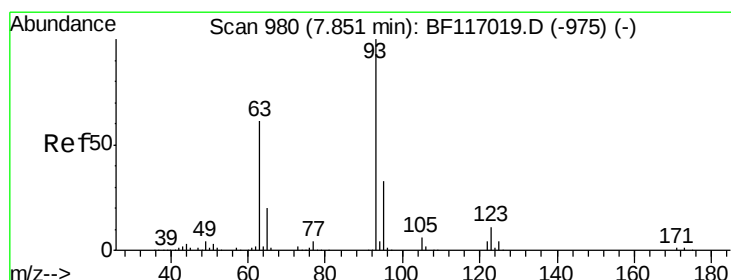
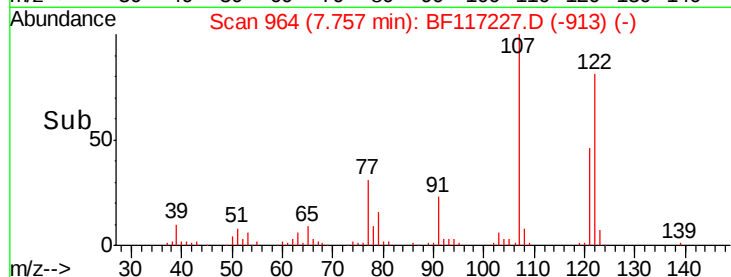
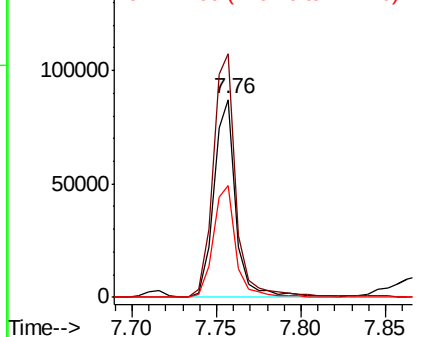
Tot Ion:	122	Resp:	80008
Ion Ratio	Lower	Upper	
122	100		
107	123.2	98.9	148.3
121	56.2	45.3	67.9

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



#28

bis(2-Chloroethoxy)methane

Concen: 47.512 ng

RT: 7.85 min Scan# 979

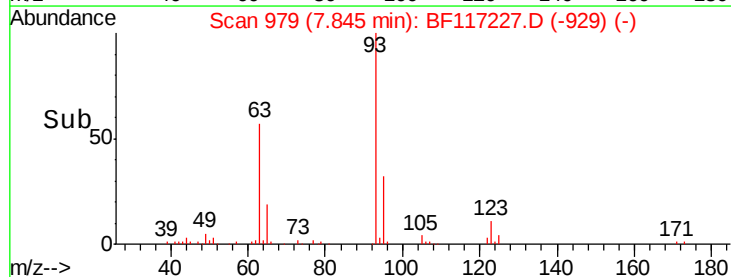
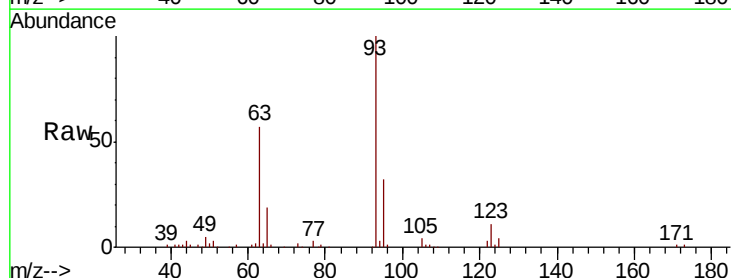
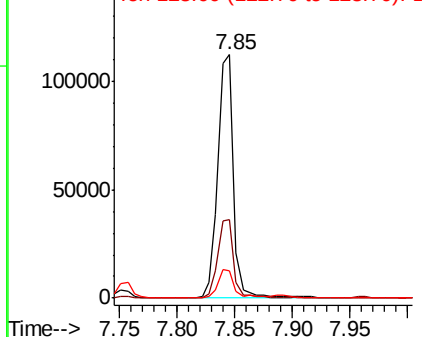
Delta R.T. -0.01 min

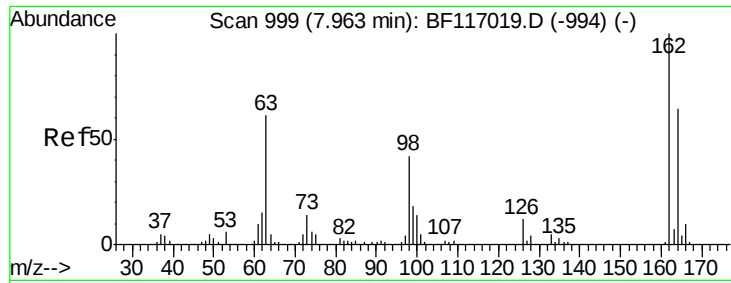
Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Tgt Ion:	93	Resp:	107151
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.2	39.4
123	11.4	9.0	13.6

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





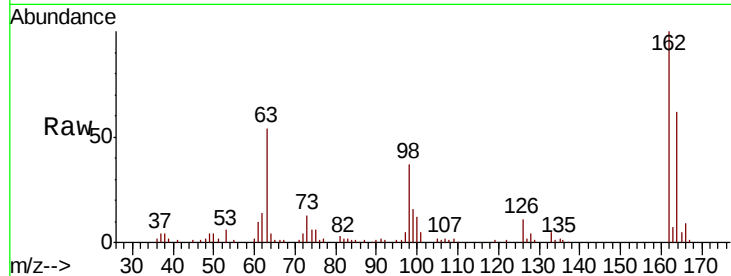
#29
2,4-Dichlorophenol
Concen: 52.221 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

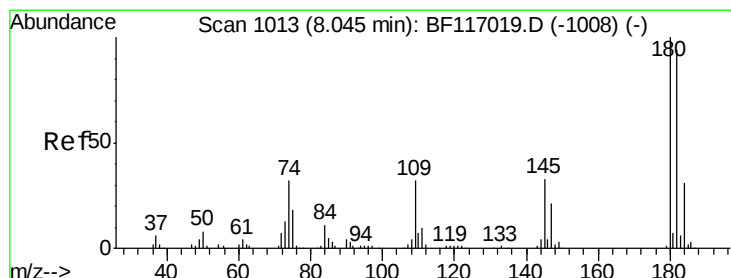
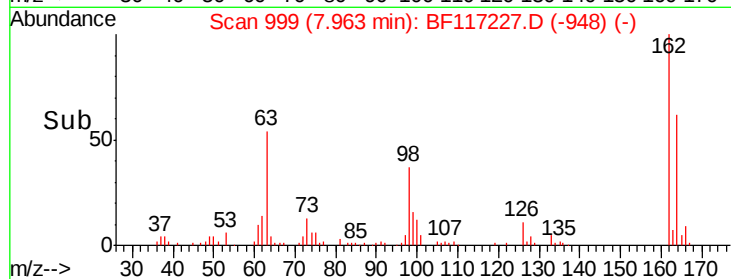
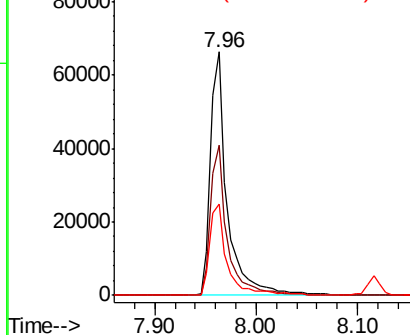
Tot Ion:	162	Resp:	76094
Ion Ratio	Lower	Upper	
162	100		
164	61.8	43.8	83.8
98	37.4	22.1	62.1

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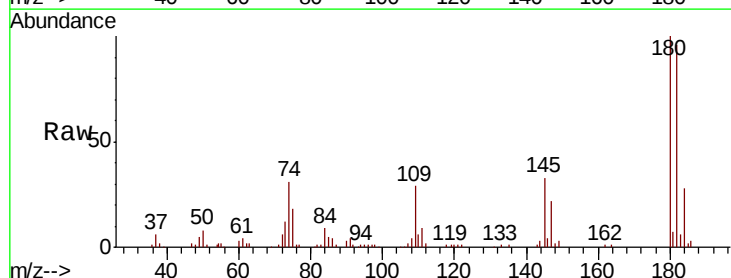


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

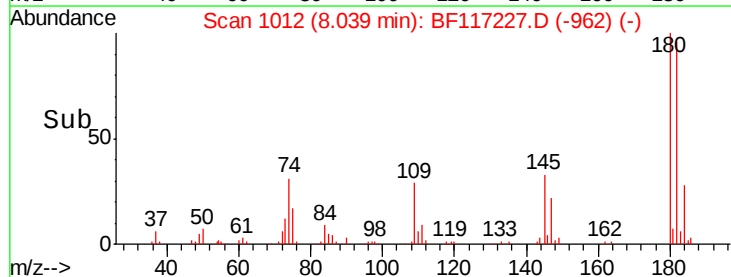
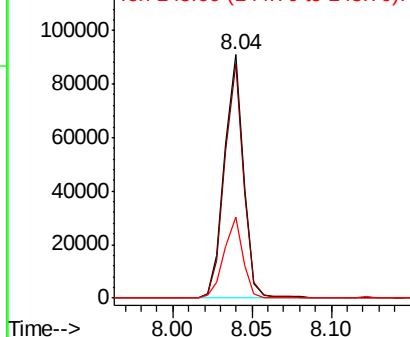


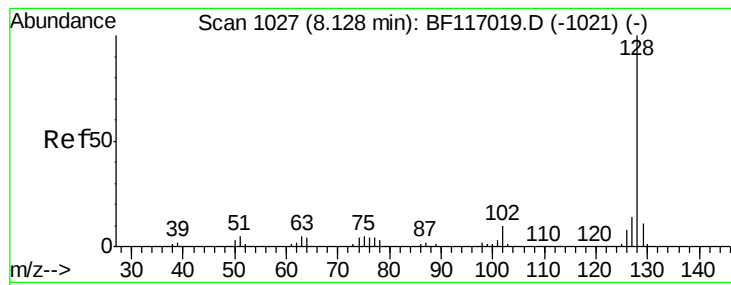
#30
1,2,4-Trichlorobenzene
Concen: 48.653 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion:	180	Resp:	76592
Ion Ratio	Lower	Upper	
180	100		
182	96.4	75.4	113.0
145	33.3	26.7	40.1



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





#31

Naphthalene

Concen: 51.641 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Instrument :

BNA_F

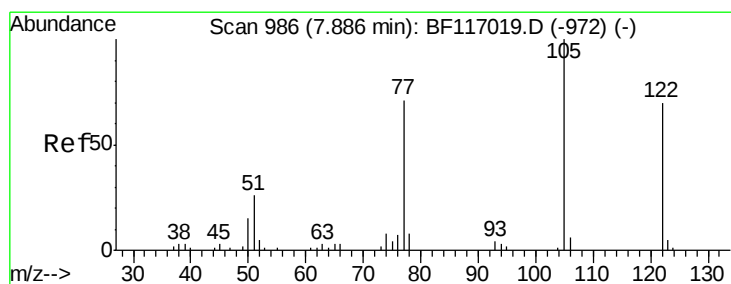
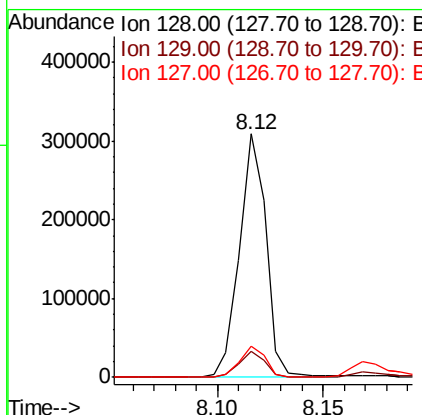
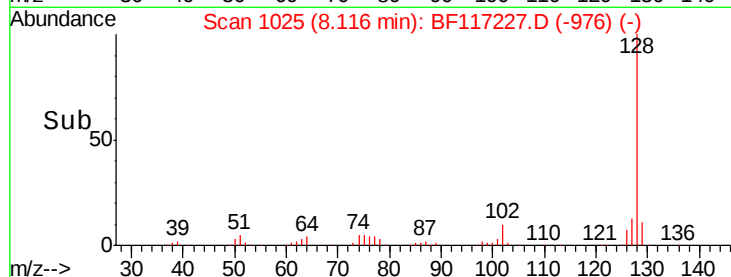
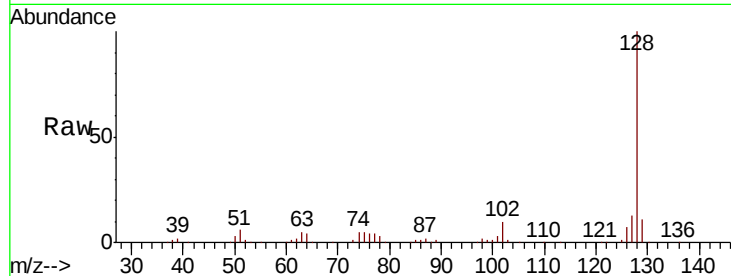
ClientSampleId :

SB-7MSD

Tot Ion:	128	Resp:	269784
Ion Ratio	Lower	Upper	
128	100		
129	10.9	9.0	13.4
127	12.6	10.8	16.2

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#32

Benzoic acid

Concen: 37.404 ng

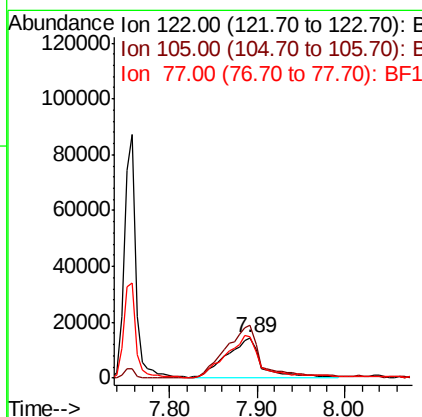
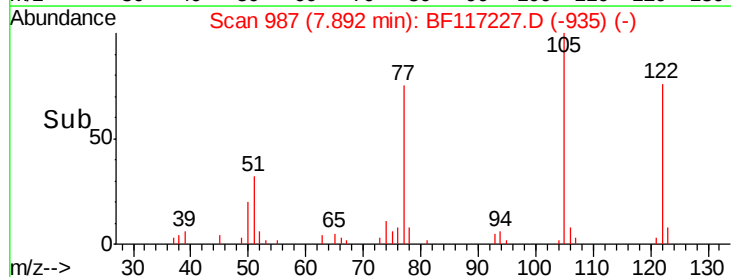
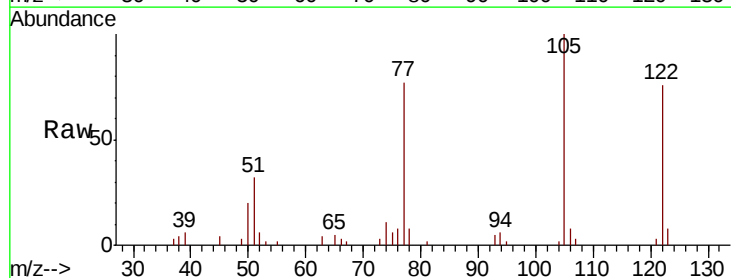
RT: 7.89 min Scan# 987

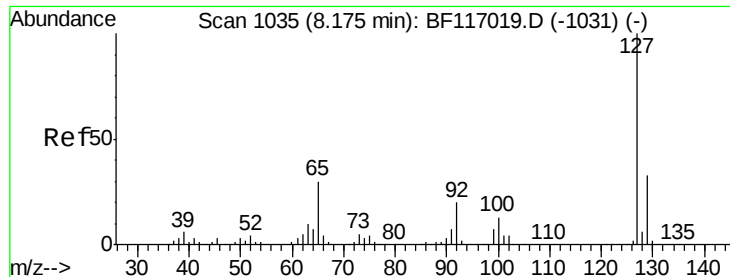
Delta R.T. 0.01 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Tgt Ion:	122	Resp:	37504
Ion Ratio	Lower	Upper	
122	100		
105	130.9	114.8	154.8
77	101.0	78.7	118.7





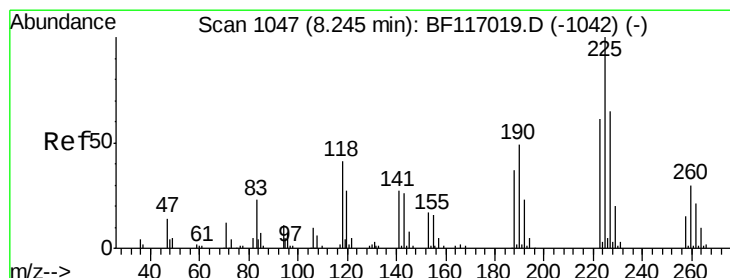
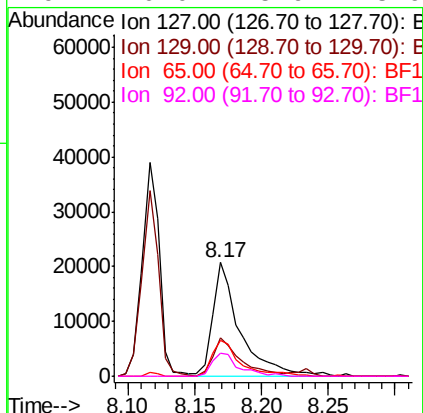
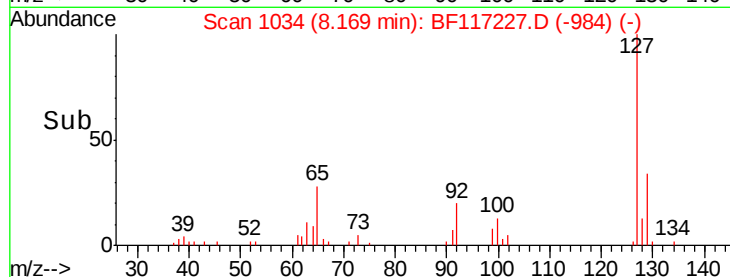
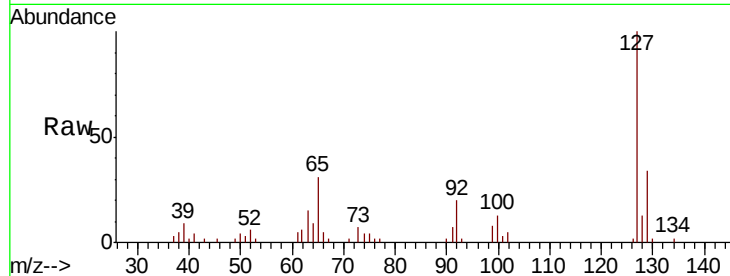
#33
4-Chloroaniline
Concen: 12.970 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampled :
SB-7MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.0	26.2	39.2		
65	31.2	23.5	35.3		
92	20.0	15.9	23.9		

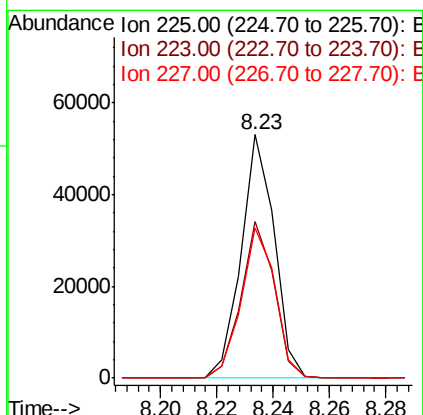
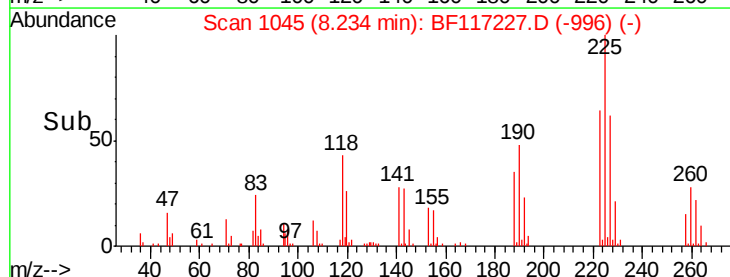
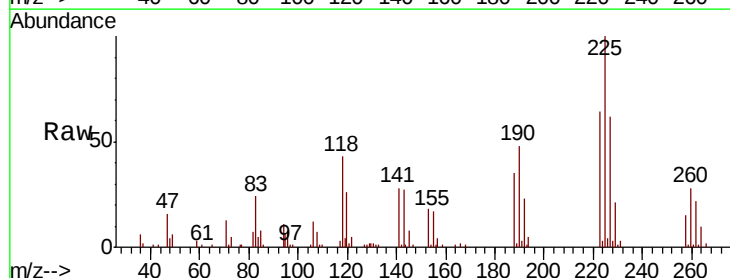
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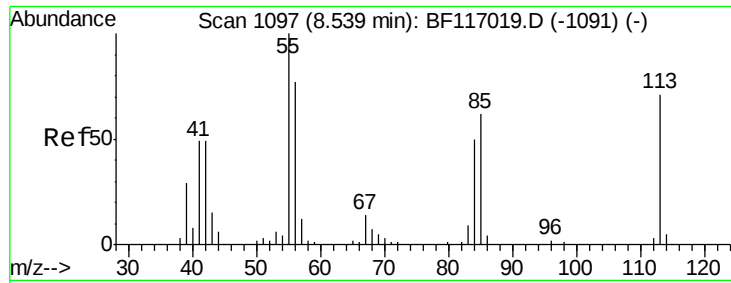
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#34
Hexachlorobutadiene
Concen: 48.468 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.2	49.1	73.7		
227	61.6	52.2	78.2		





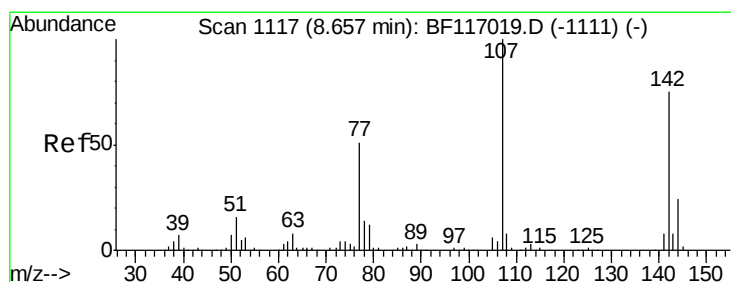
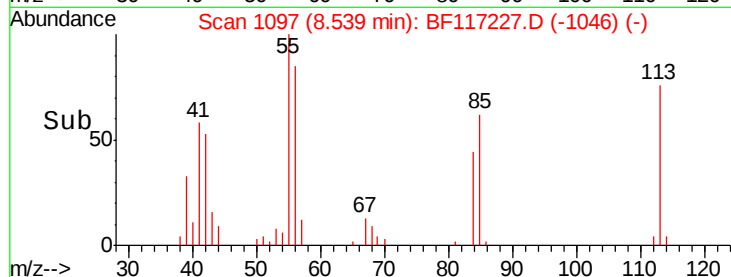
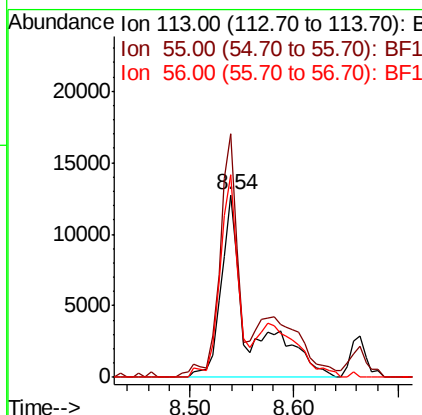
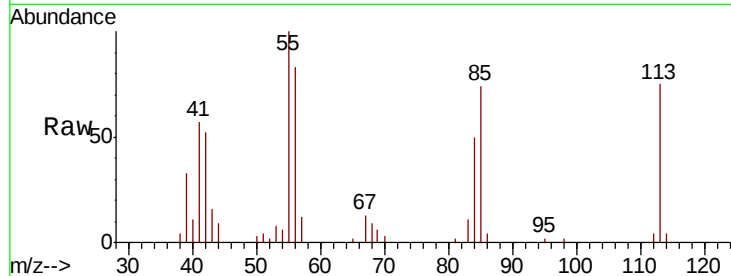
#35
 Caprolactam
 Concen: 47.971 ng/ml
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	133.5	120.6	160.6
56	110.8	88.8	128.8

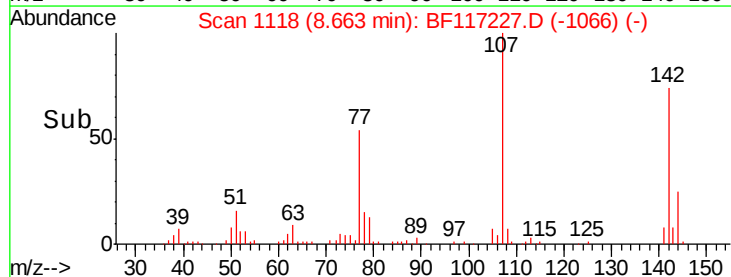
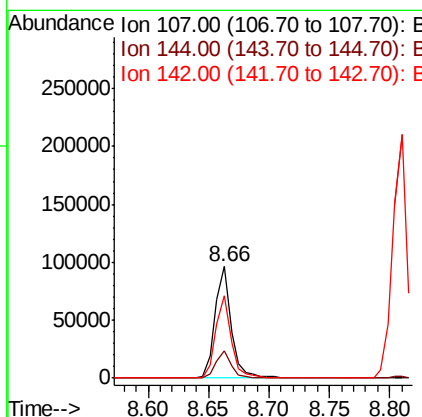
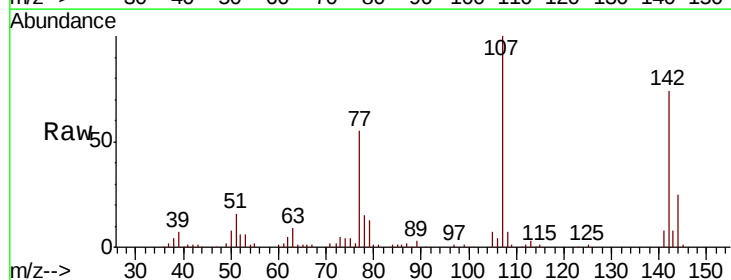
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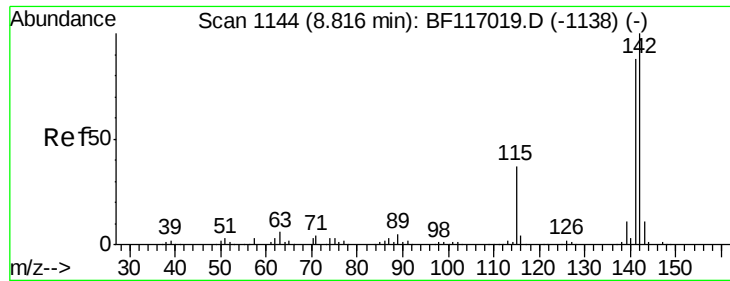
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#36
 4-Chloro-3-methylphenol
 Concen: 52.554 ng/ml
 RT: 8.66 min Scan# 1118
 Delta R.T. 0.01 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	19.2	28.8
142	73.7	59.6	89.4





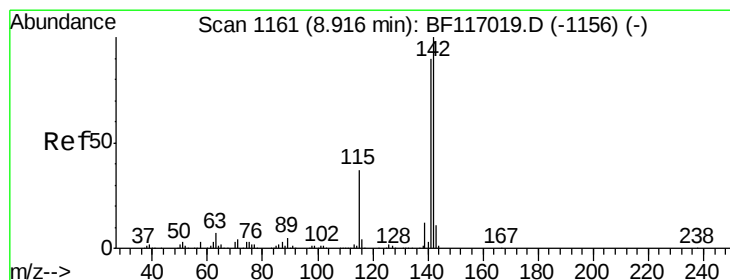
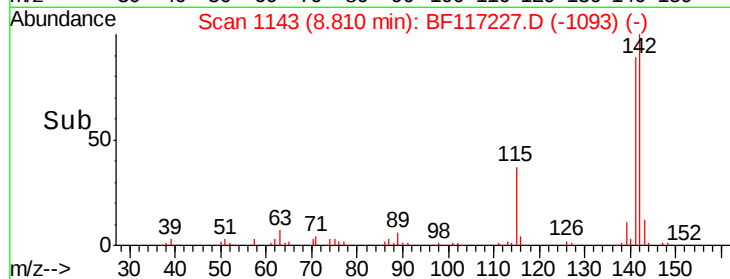
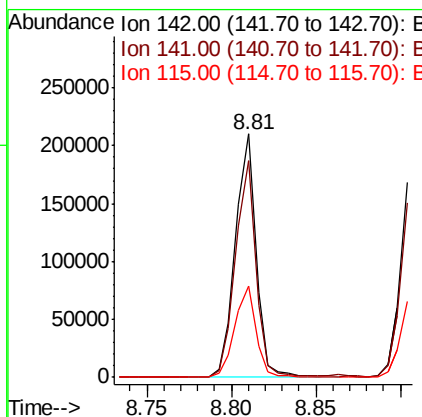
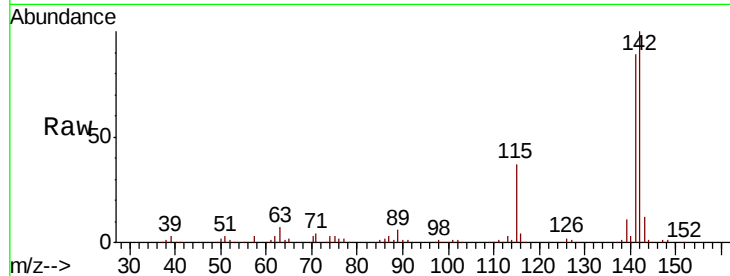
#37
2-Methylnaphthalene
Concen: 51.254 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.7	106.1
115	37.4	29.4	44.0

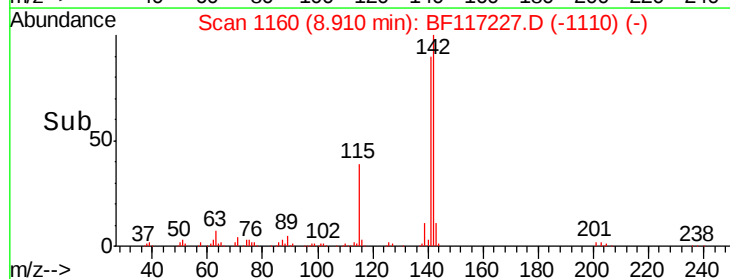
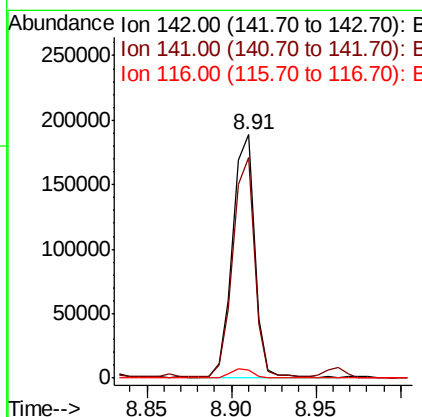
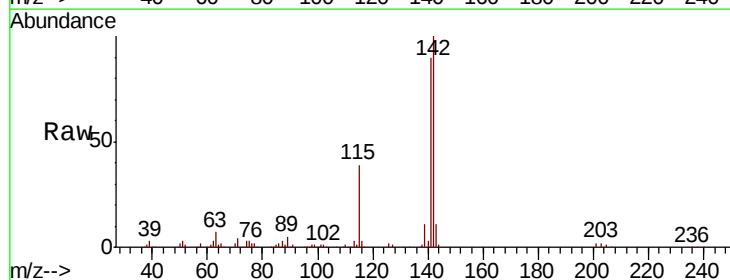
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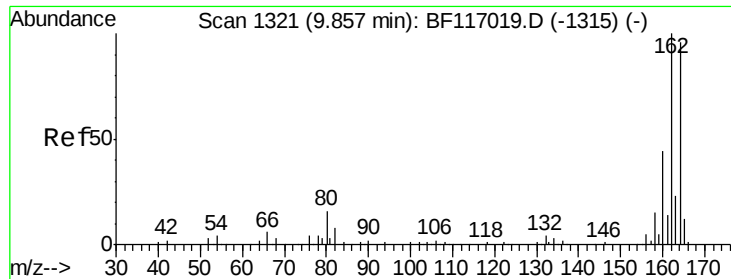
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#38
1-Methylnaphthalene
Concen: 51.692 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.9	107.9
116	3.5	3.2	4.8





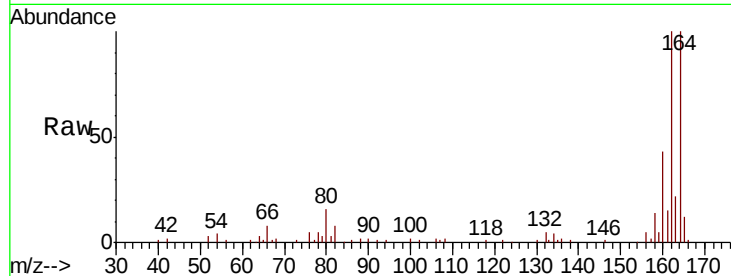
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.6	83.4	125.2
160	42.8	36.4	54.6

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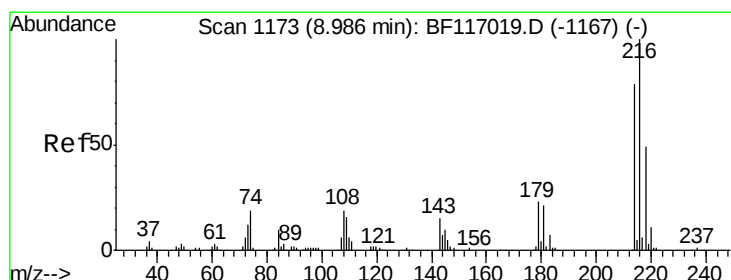
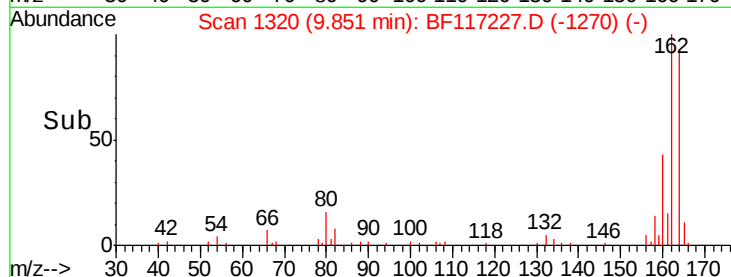
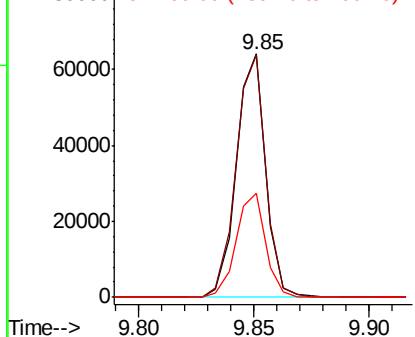


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.877 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.4	63.6	95.4
179	23.6	18.3	27.5
108	23.4	17.8	26.6

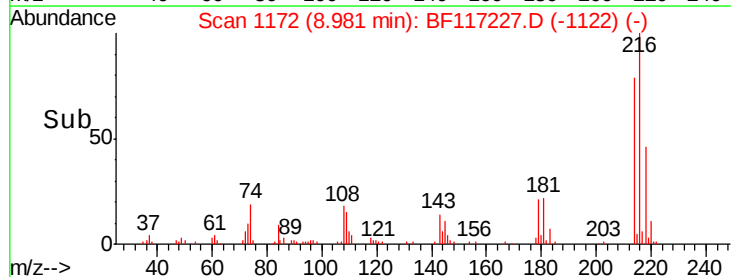
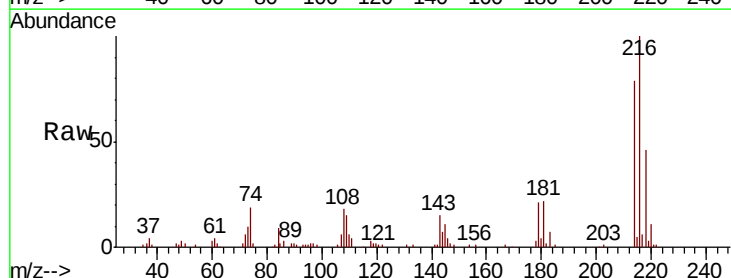
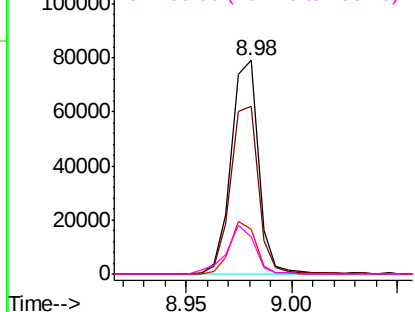
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 59.942 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Instrument :

BNA_F

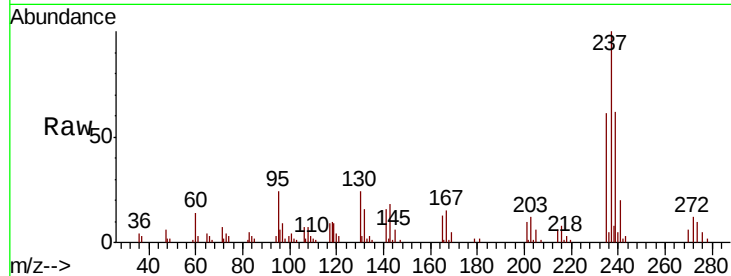
ClientSampleId :

SB-7MSD

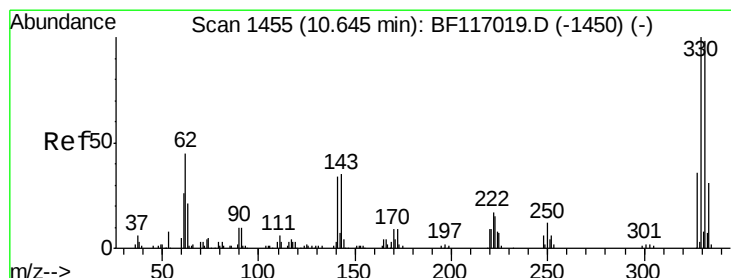
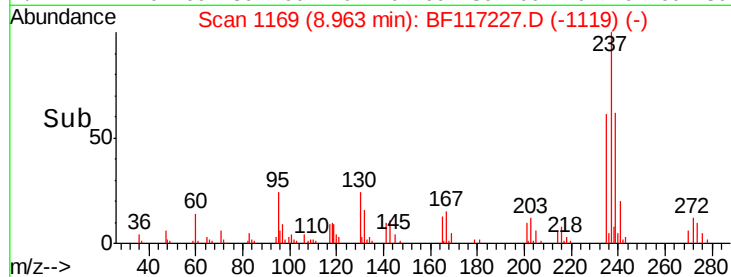
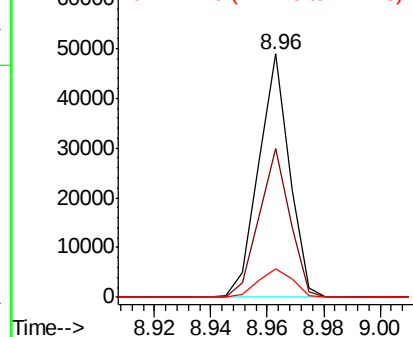
Tot Ion:	237	Resp:	37087
Ion Ratio	Lower	Upper	
237	100		
235	61.3	43.2	83.2
272	11.5	0.0	31.9

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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: 144.500 ng

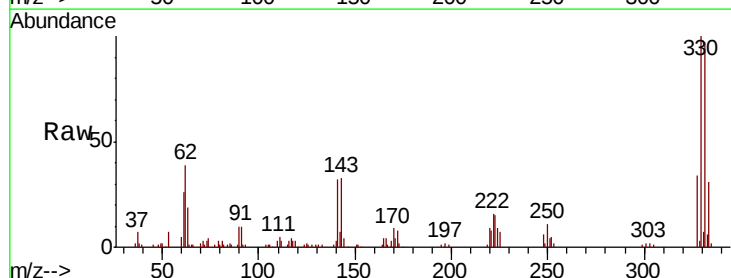
RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

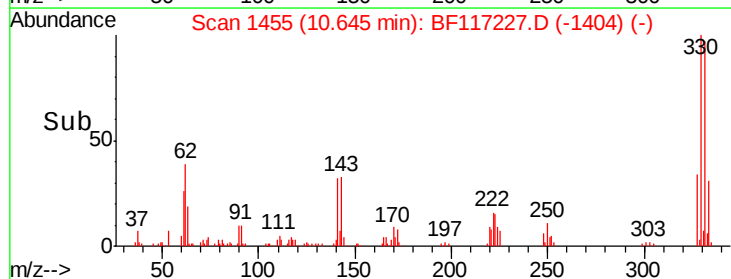
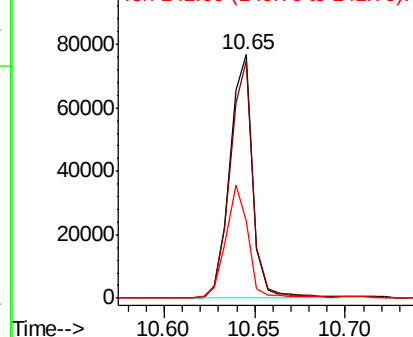
Lab File: BF117227.D

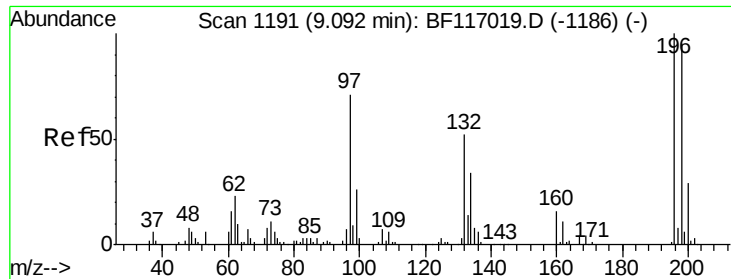
Acq: 24 Sep 2019 20:33

Tgt Ion:	330	Resp:	67935
Ion Ratio	Lower	Upper	
330	100		
332	98.3	78.0	117.0
141	45.7	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





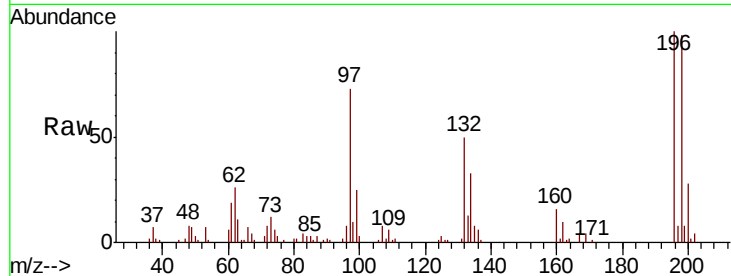
#43
 2,4,6-Trichlorophenol
 Concen: 49.028 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	48330		
198	97.8		75.7	113.5
200	28.4		23.3	34.9

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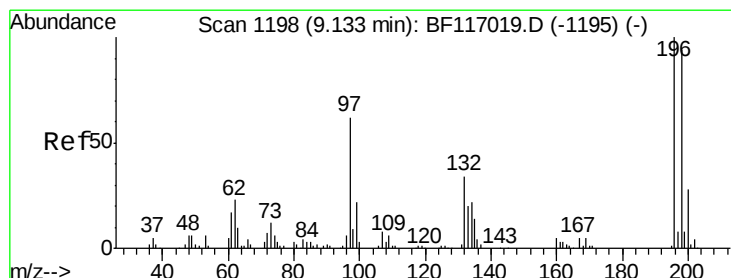
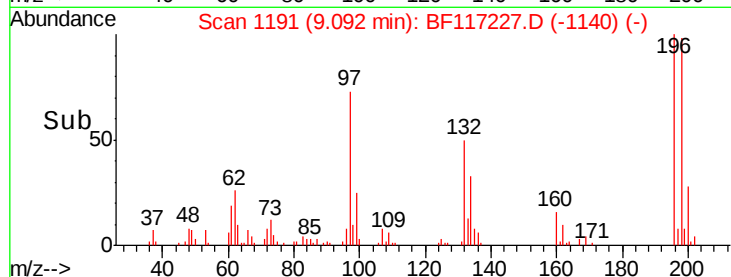
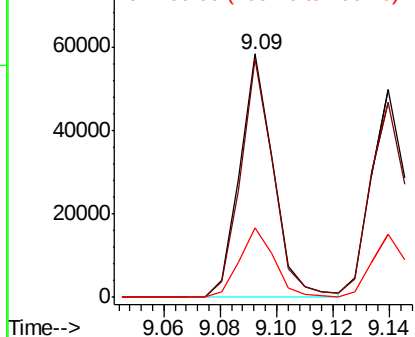


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 49.412 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	52041		
198	94.2		74.6	112.0
97	60.5		49.5	74.3
132	32.3		27.4	41.2

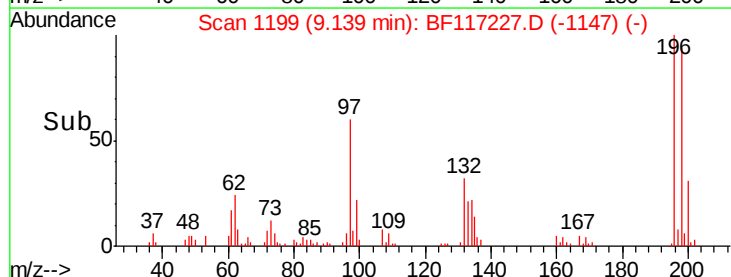
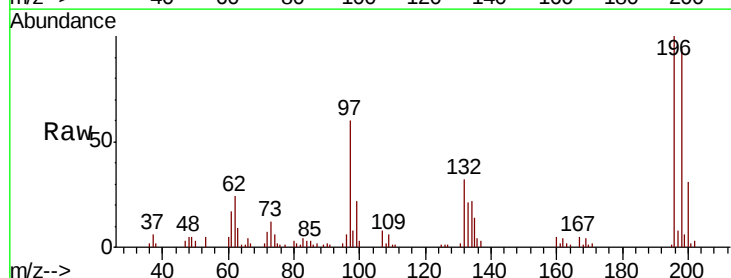
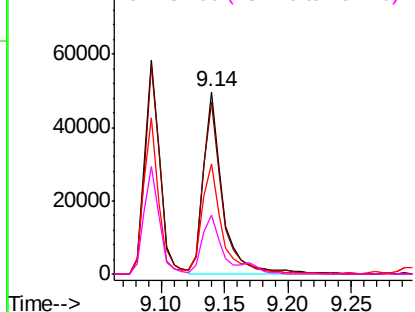
Abundance

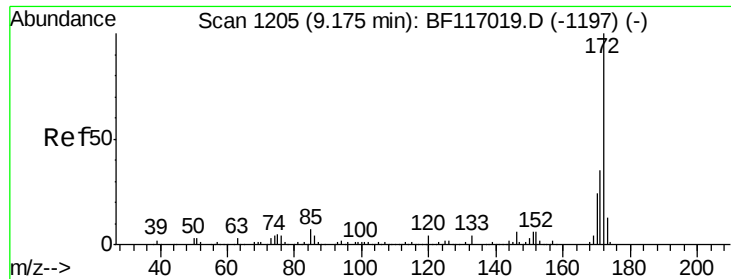
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





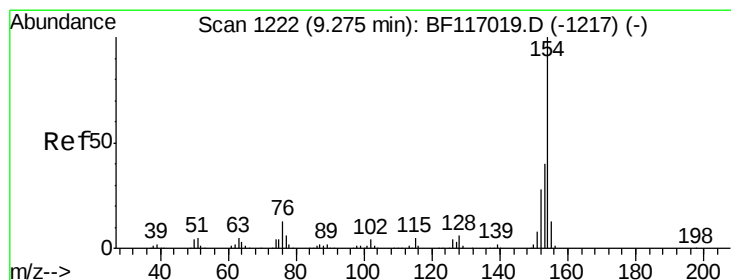
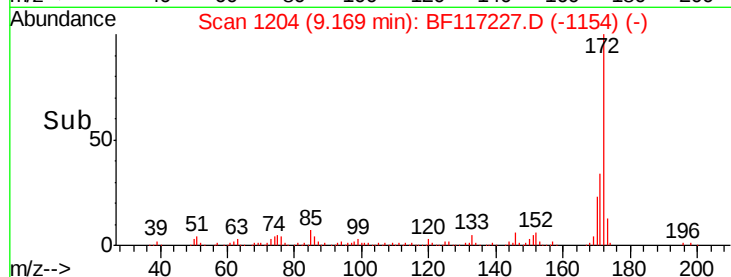
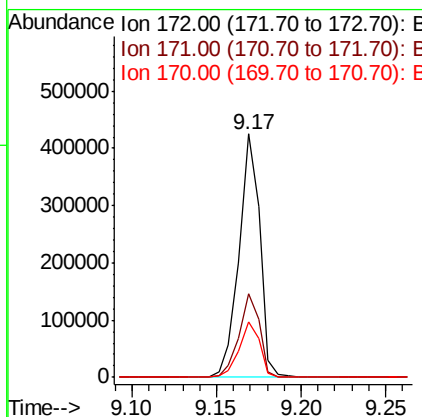
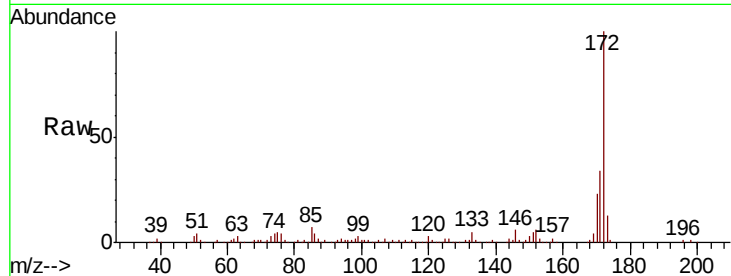
#45
2-Fluorobiphenyl
Concen: 101.296 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampled :
SB-7MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.2	42.2
170	22.6	18.9	28.3

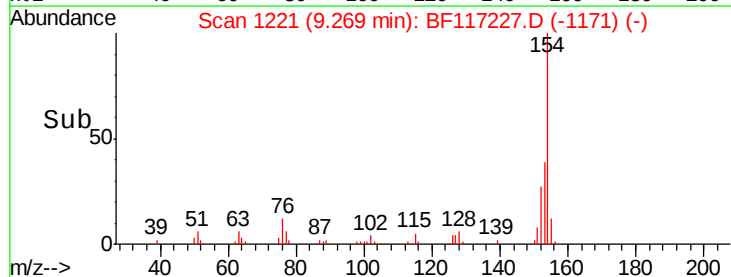
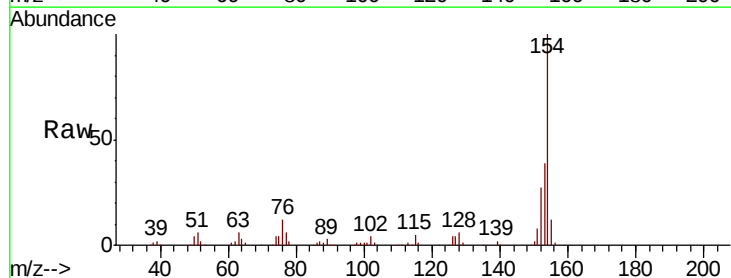
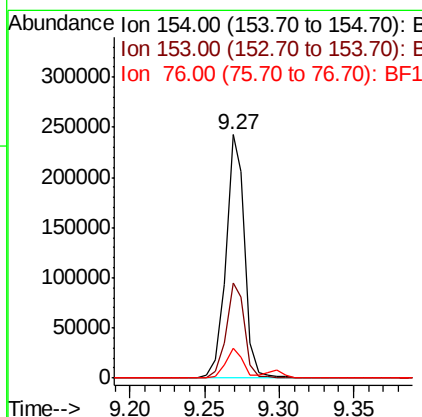
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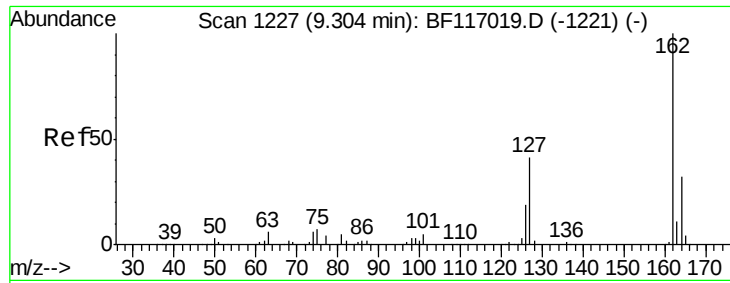
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#46
1,1'-Biphenyl
Concen: 49.084 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.0	60.0
76	12.2	0.0	32.7





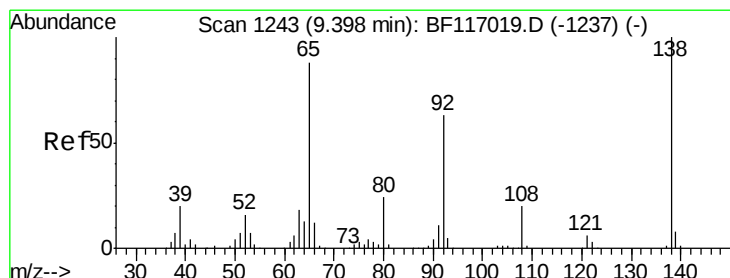
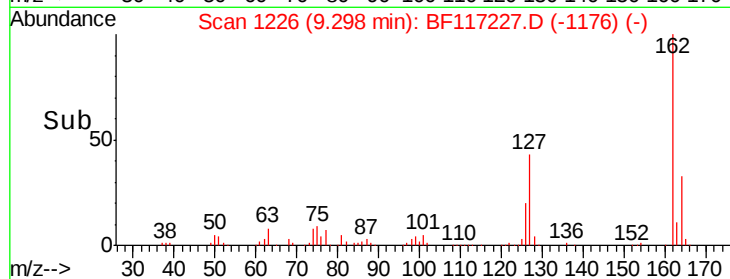
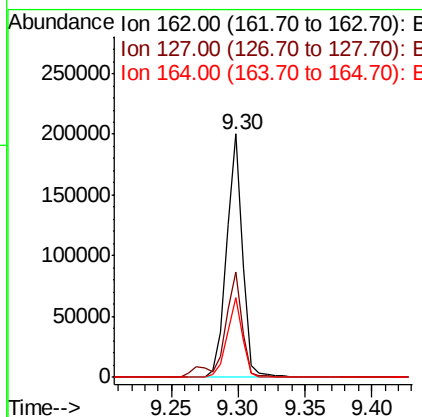
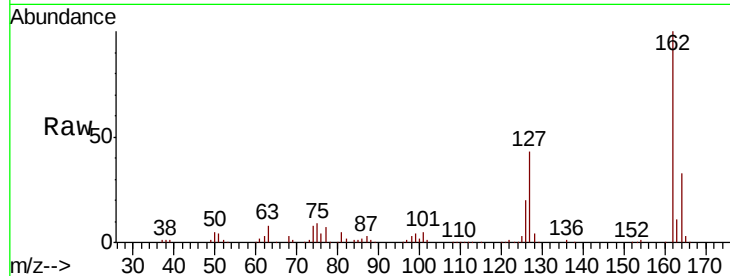
#47
2-Chloronaphthalene
Concen: 48.678 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampled :
SB-7MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		169512		
127	43.5	34.1	51.1		
164	32.8	25.9	38.9		

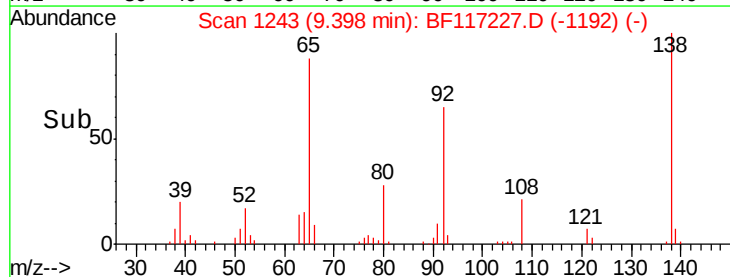
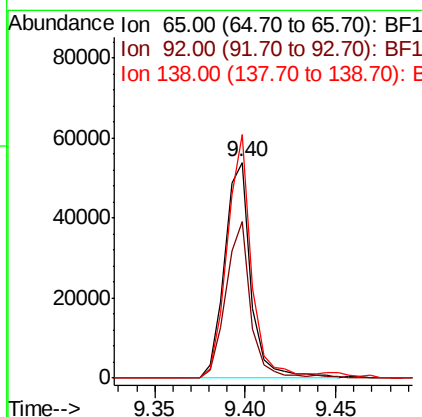
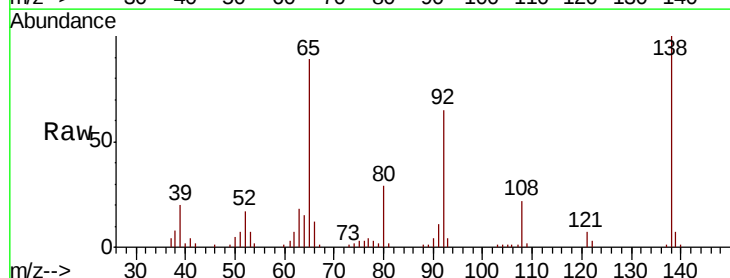
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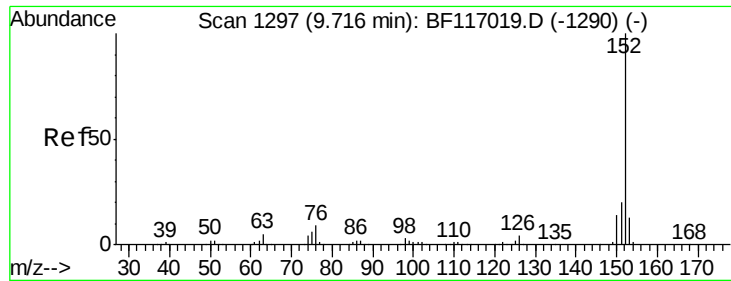
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#48
2-Nitroaniline
Concen: 48.736 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		54436		
92	72.8	57.5	86.3		
138	112.7	90.6	136.0		





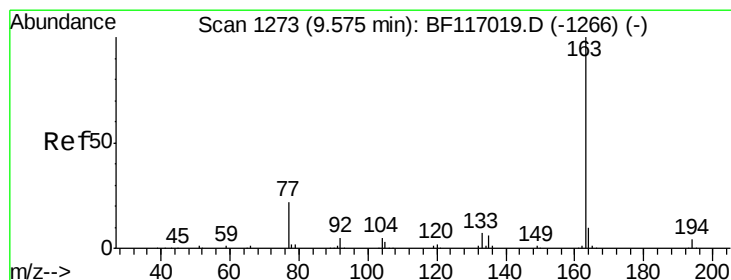
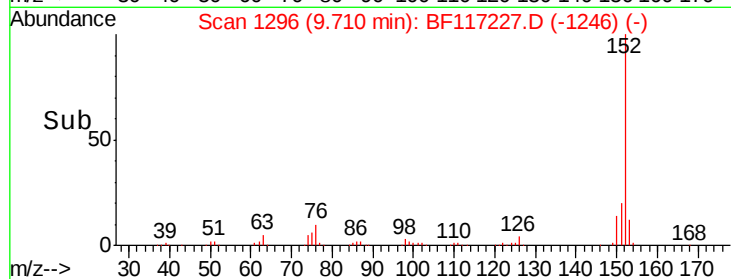
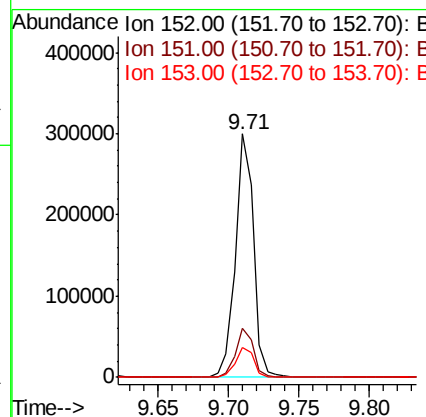
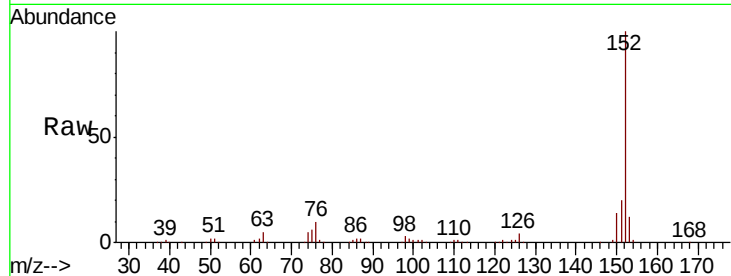
#49
Acenaphthylene
Concen: 51.196 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		267075		
151	20.0	16.2	24.2		
153	12.5	10.2	15.4		

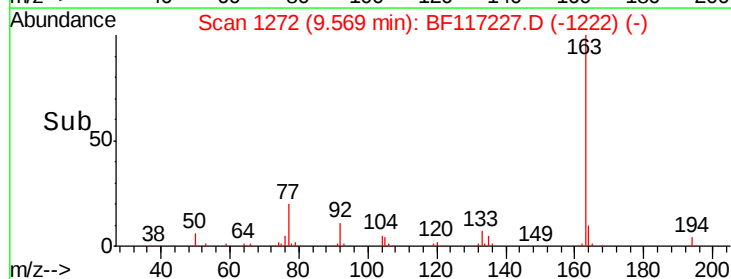
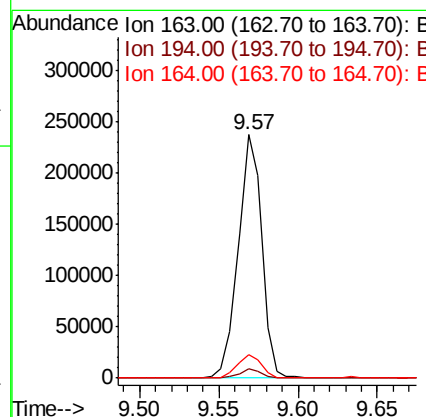
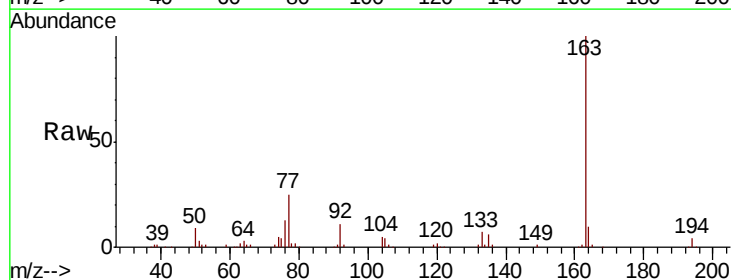
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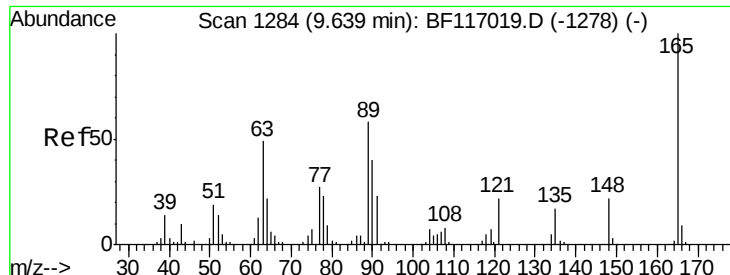
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#50
Dimethylphthalate
Concen: 61.450 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		244752		
194	3.6	2.9	4.3		
164	9.7	8.2	12.4		





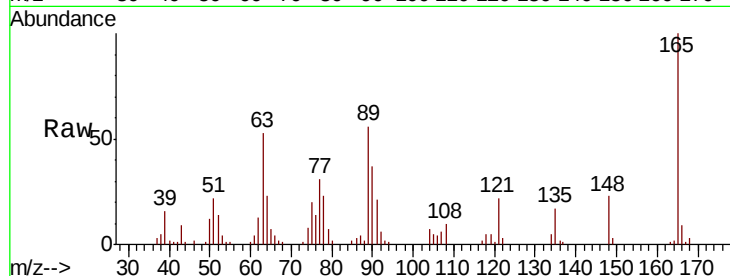
#51
2,6-Dinitrotoluene
Concen: 52.480 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampled :
SB-7MSD

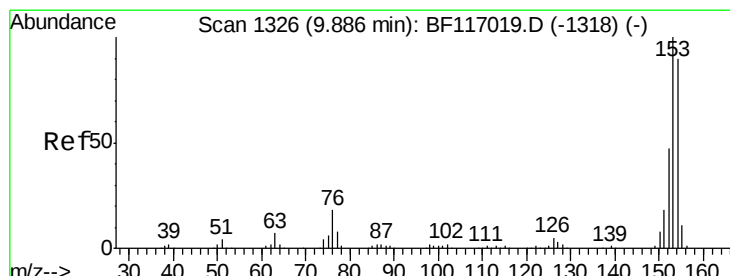
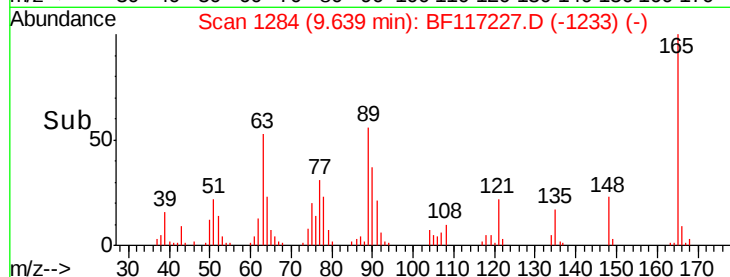
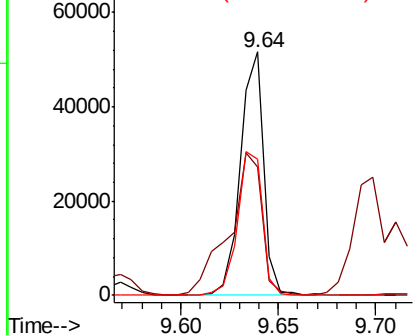
Tot Ion	Ratio	Resp	Lower	Upper
165	100	42571		
63	52.6	41.8	62.8	
89	56.1	46.5	69.7	

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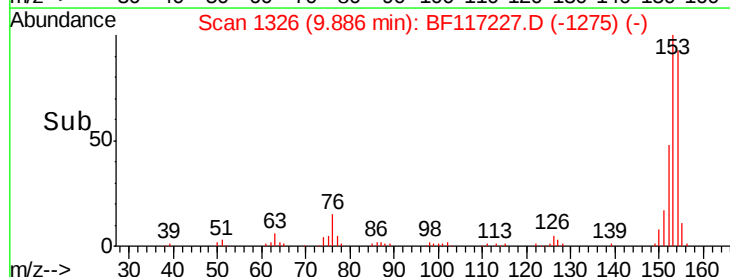
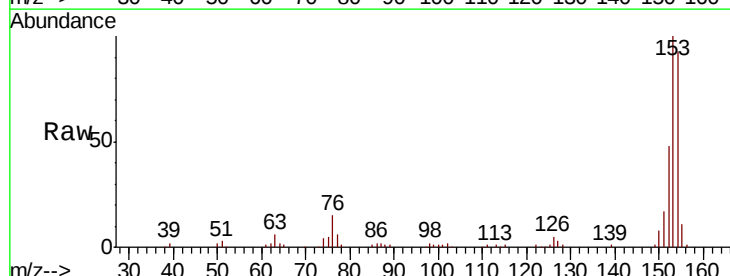
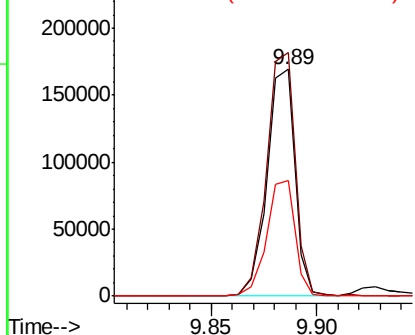
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

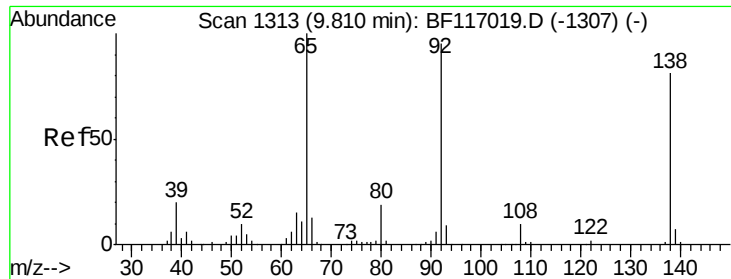


#52
Acenaphthene
Concen: 50.753 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	156947		
153	107.3	89.0	133.6	
152	51.1	41.9	62.9	

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





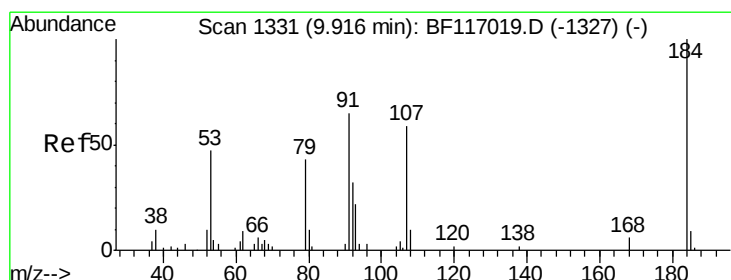
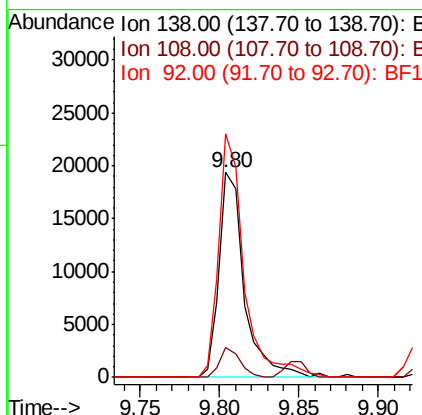
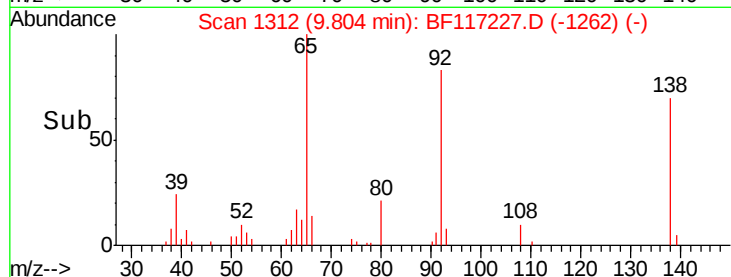
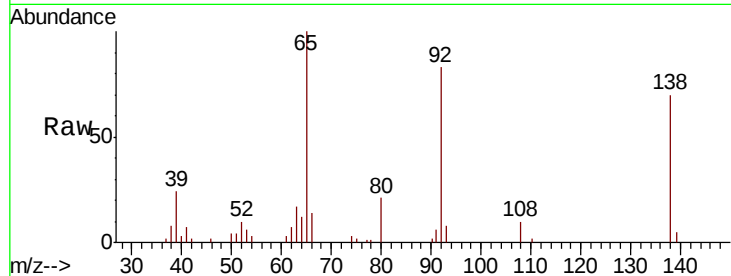
#53
3-Nitroaniline
Concen: 20.961 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	14.4	9.5	14.3#
92	118.9	94.1	141.1

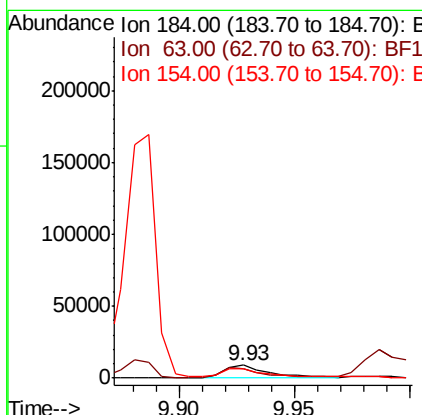
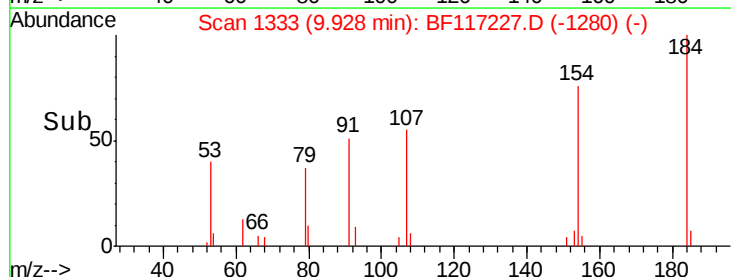
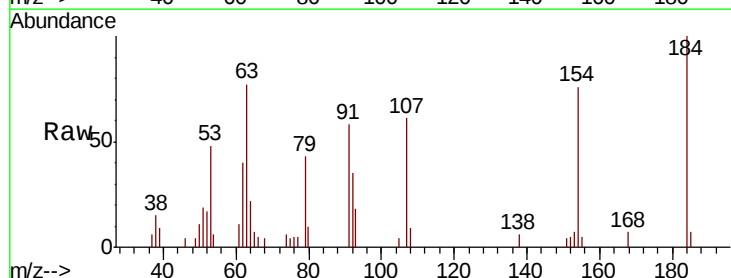
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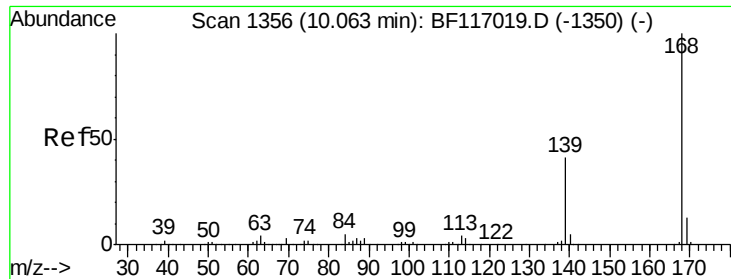
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#54
2,4-Dinitrophenol
Concen: 39.586 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion	Ratio	Lower	Upper
184	100		
63	77.0	63.8	95.6
154	75.8	60.4	90.6





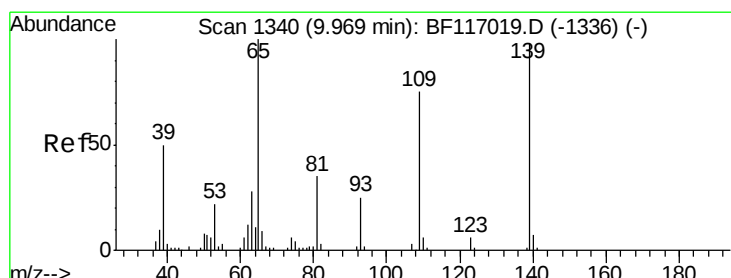
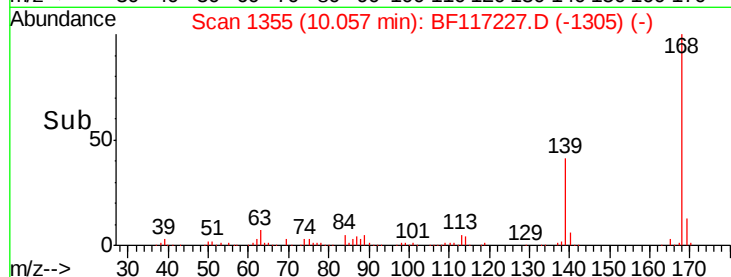
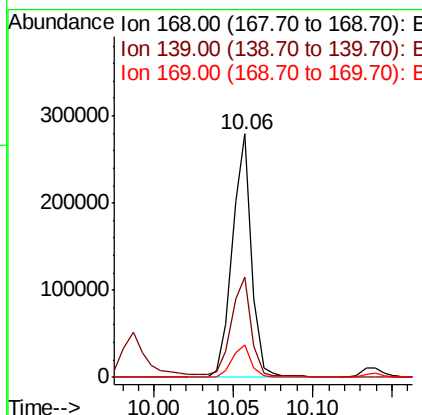
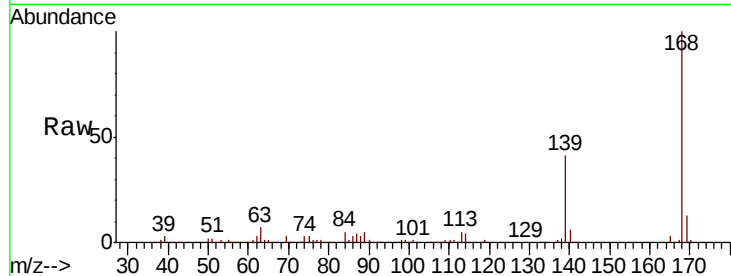
#55
Dibenzenofuran
Concen: 51.546 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion:168	Resp:	235186
Ion Ratio	Lower	Upper
168	100	
139	41.3	32.8 49.2
169	13.4	10.5 15.7

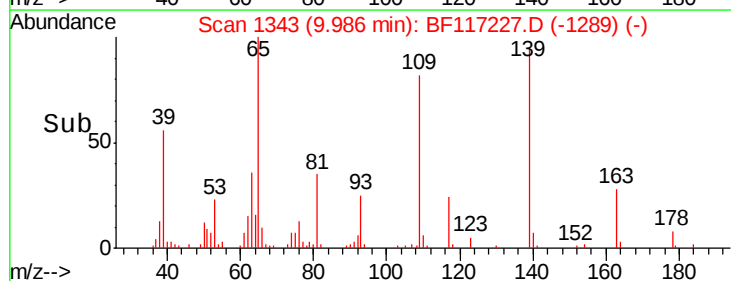
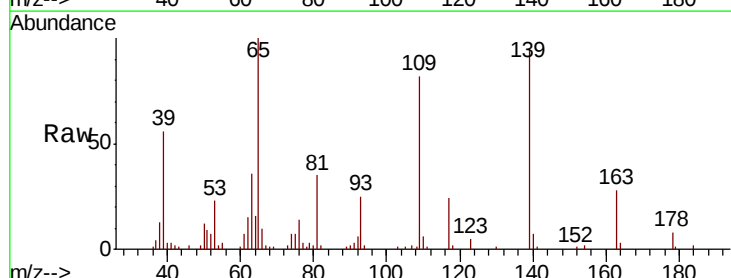
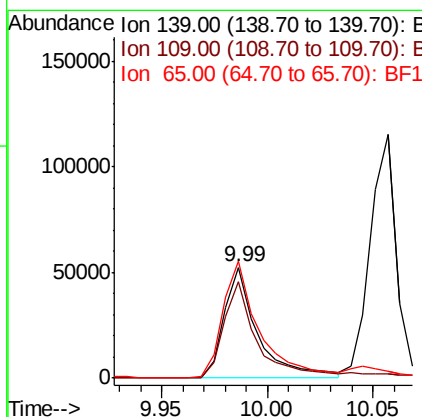
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#56
4-Nitrophenol
Concen: 87.959 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion:139	Resp:	58346
Ion Ratio	Lower	Upper
139	100	
109	86.7	56.4 96.4
65	105.5	82.5 122.5





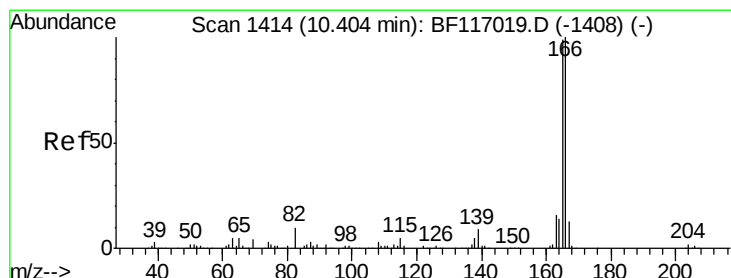
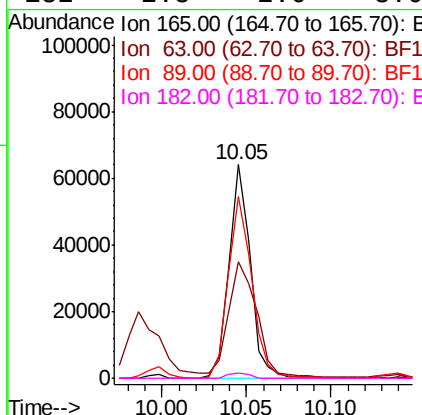
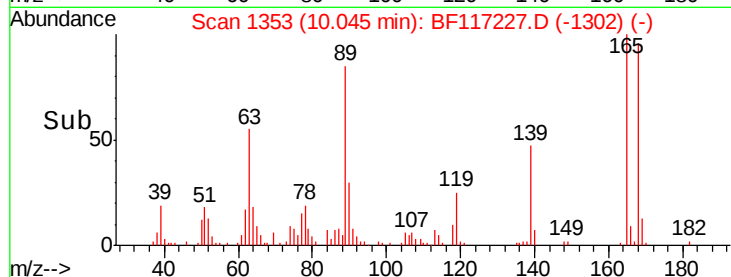
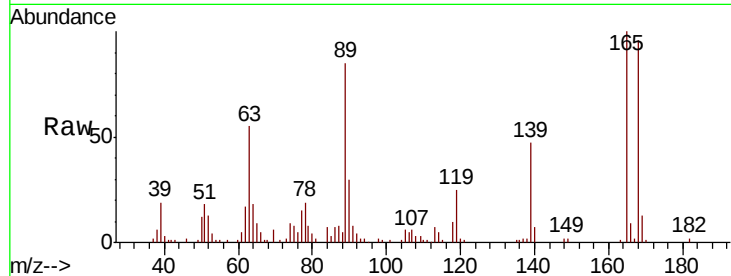
#57
2,4-Dinitrotoluene
Concen: 53.317 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampled :
SB-7MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		56141		
63	54.8	35.0	52.4		
89	85.1	66.1	99.1		
182	2.5	2.0	3.0		

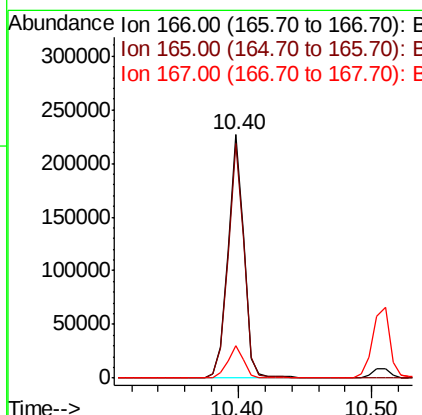
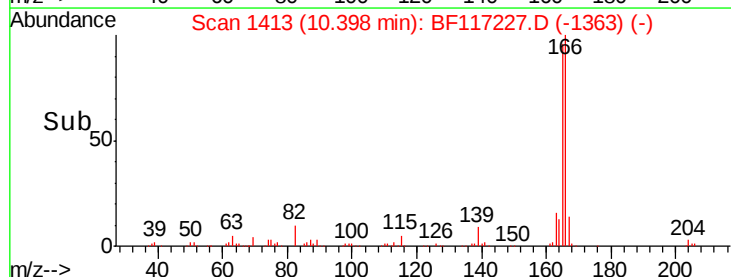
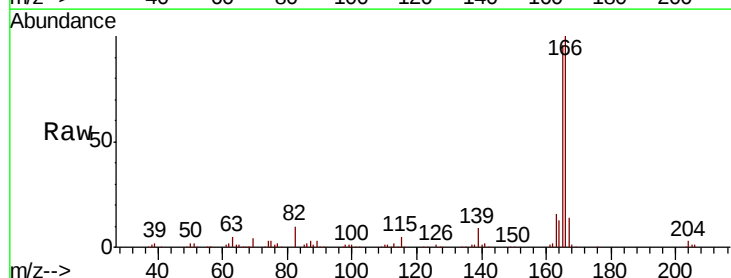
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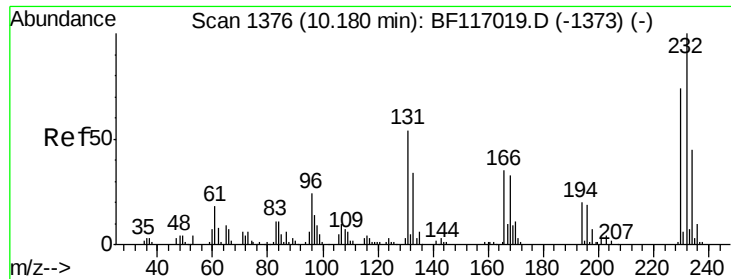
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#58
Fluorene
Concen: 52.182 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		191785		
165	96.2	78.9	118.3		
167	13.5	10.6	15.8		





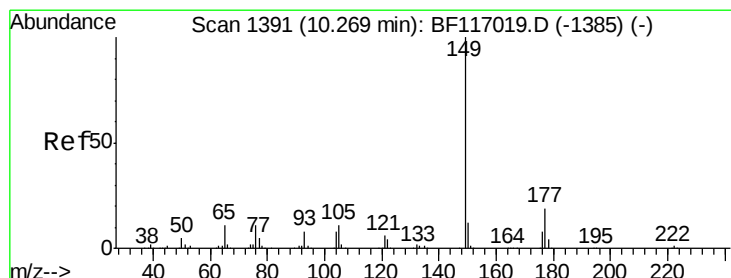
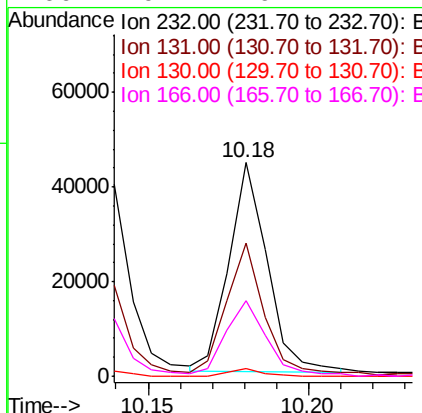
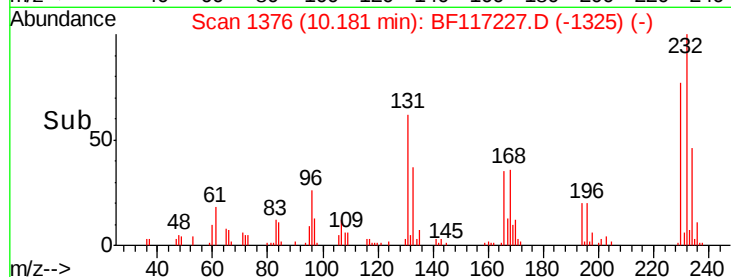
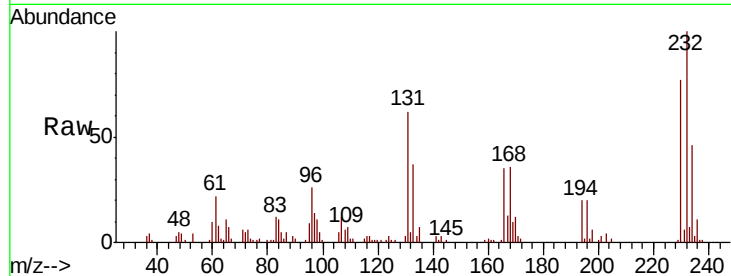
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.154 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Tot Ion:	232	Resp:	36392
Ion Ratio	Lower	Upper	
232	100		
131	52.7	45.3	67.9
130	2.6	1.8	2.8
166	29.4	29.4	44.2#

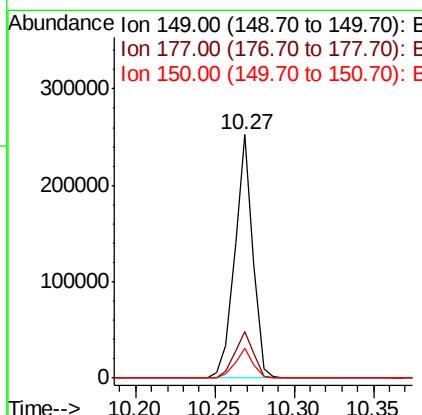
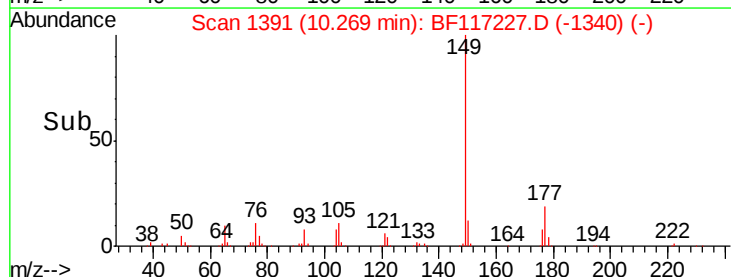
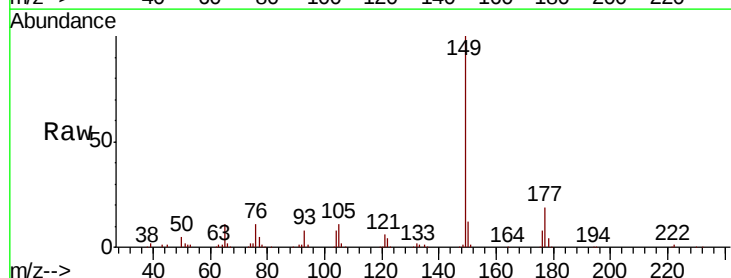
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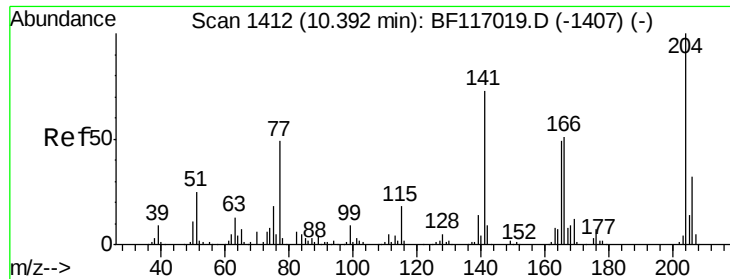
mohammad
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#60
 Diethylphthalate
 Concen: 50.672 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

Tgt Ion:	149	Resp:	198557
Ion Ratio	Lower	Upper	
149	100		
177	19.0	15.2	22.8
150	12.1	9.9	14.9





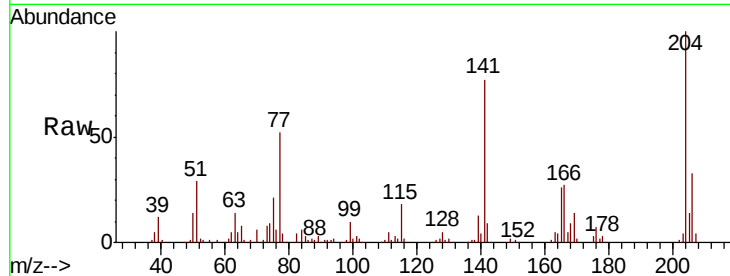
#61
4-Chlorophenyl-phenylether
Concen: 52.507 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampled :
SB-7MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.0	39.0
141	76.9	58.2	87.2

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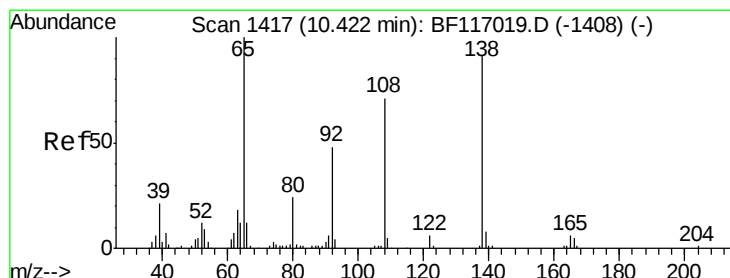
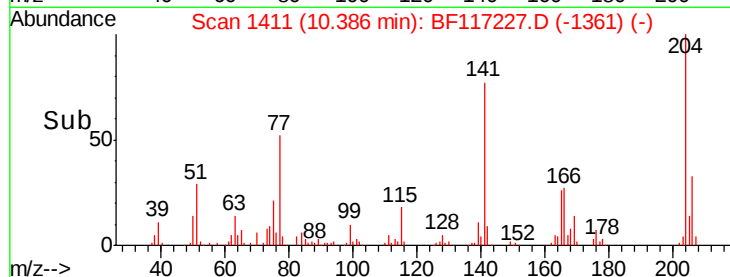
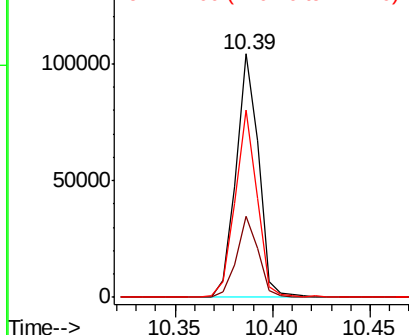


Abundance

Ion 204.00 (203.70 to 204.70): E

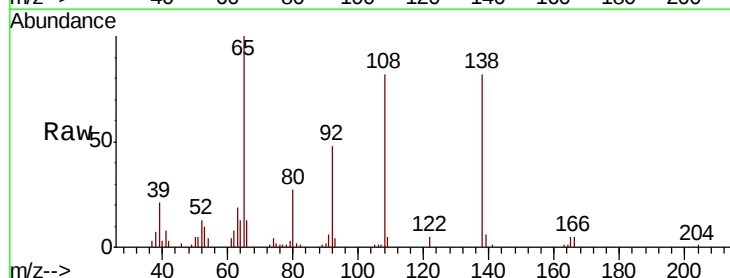
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.759 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.5	32.9	72.9
108	100.2	58.3	98.3#

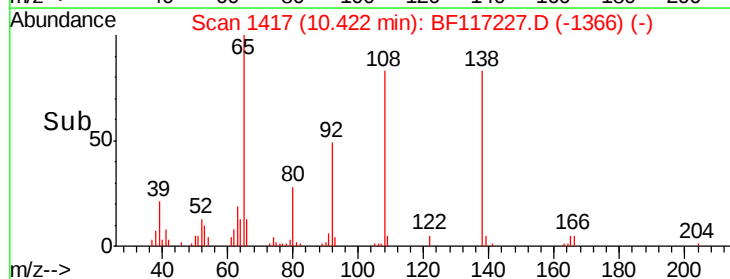
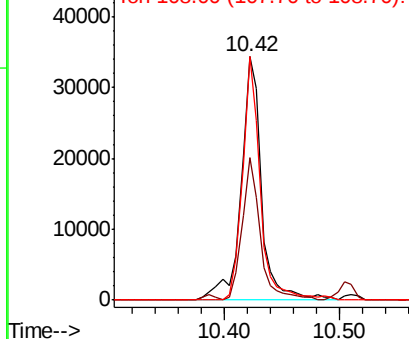


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





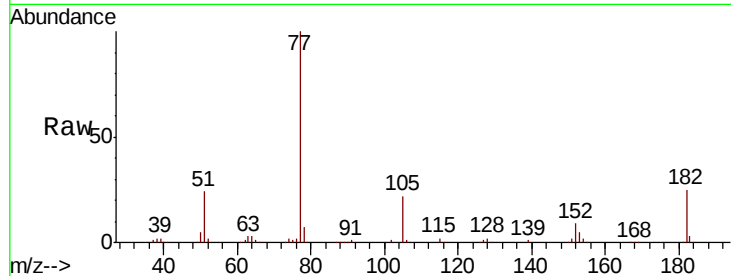
#63
Azobenzene
Concen: 51.224 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

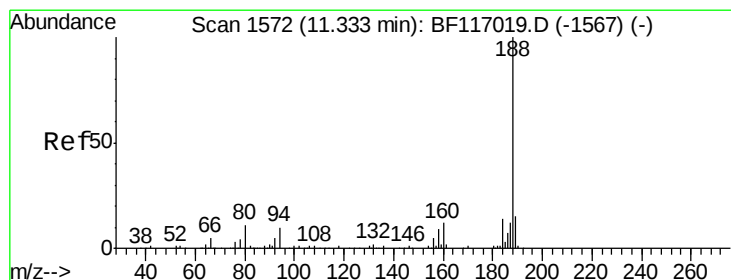
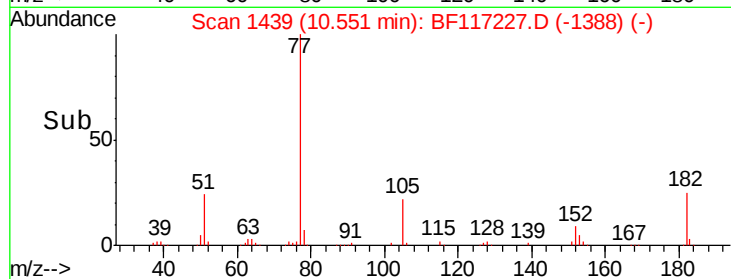
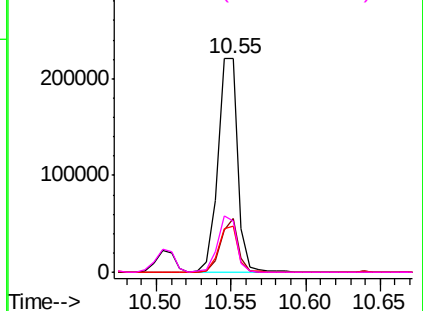
Tot Ion	Ratio	Lower	Upper
77	100		
182	25.0	0.4	40.4
105	21.8	0.9	40.9
51	23.9	2.8	42.8

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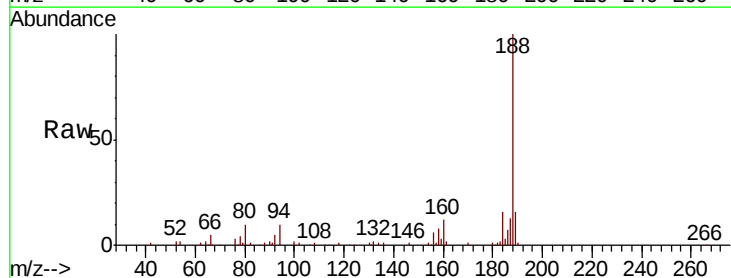


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

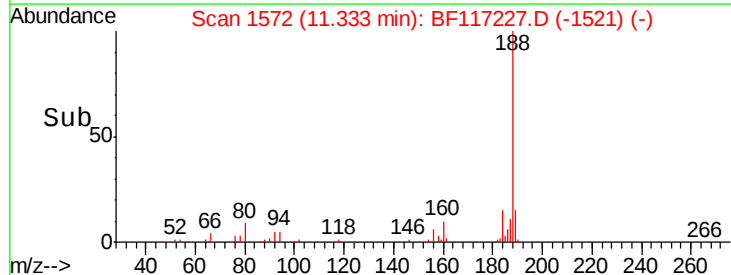
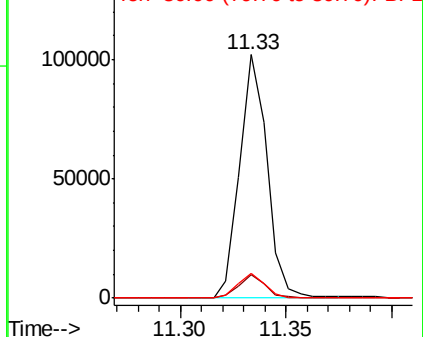


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.2	12.2
80	10.3	9.0	13.6



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





#65

4,6-Dinitro-2-methylphenol

Concen: 30.180 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Instrument :

BNA_F

ClientSampled :

SB-7MSD

Tot Ion:198 Resp: 11408

Ion Ratio Lower Upper

198 100

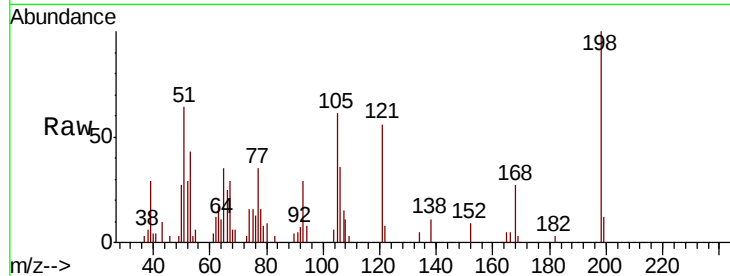
51 63.5 18.7 58.7#

105 61.1 30.2 70.2

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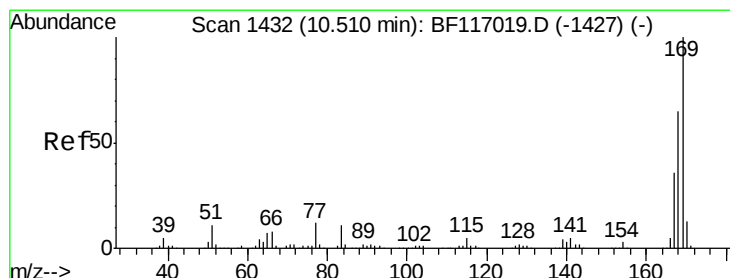
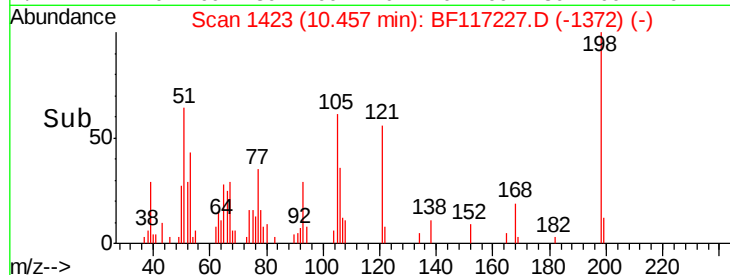
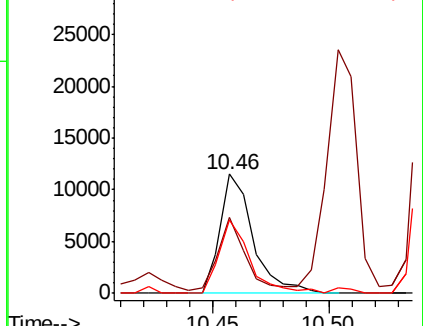
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 52.187 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

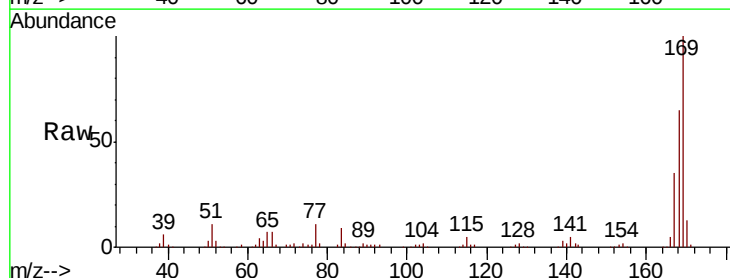
Tgt Ion:169 Resp: 165981

Ion Ratio Lower Upper

169 100

168 64.8 52.2 78.2

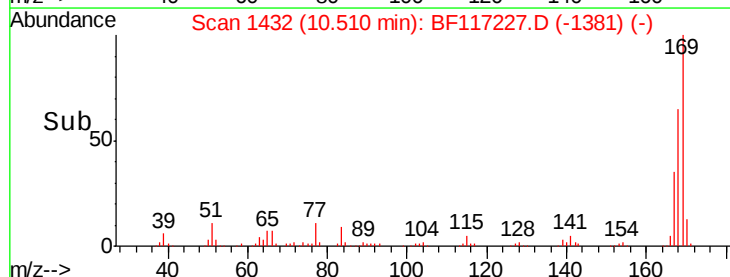
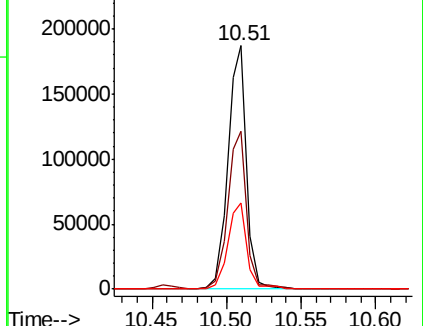
167 35.4 28.8 43.2



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





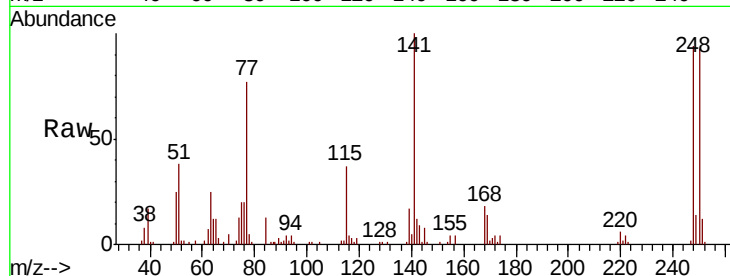
#67
 4-Bromophenyl-phenylether
 Concen: 49.601 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

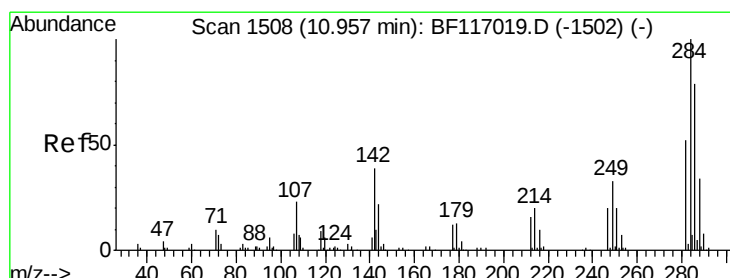
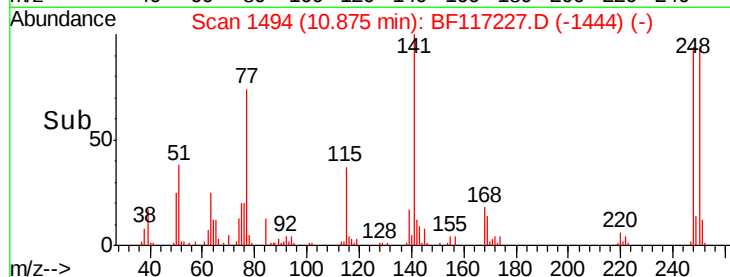
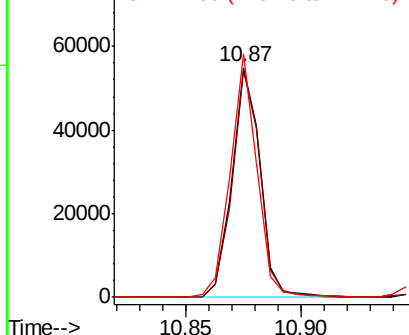
Tot Ion:	248	Resp:	46649
Ion Ratio	Lower	Upper	
248	100		
250	98.7	76.2	114.4
141	106.1	75.0	112.4

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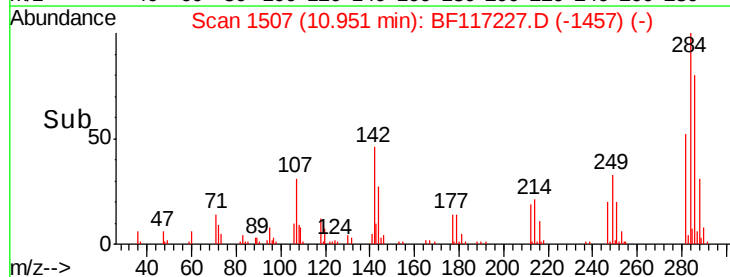
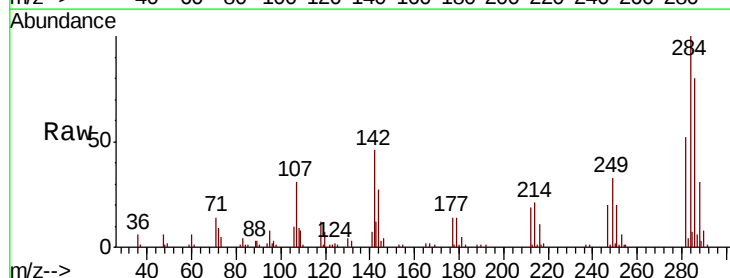
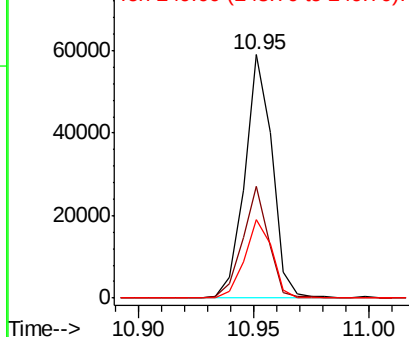
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

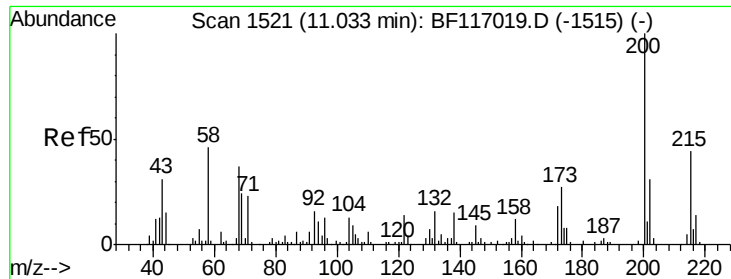


#68
 Hexachlorobenzene
 Concen: 47.539 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

Tgt Ion:	284	Resp:	48901
Ion Ratio	Lower	Upper	
284	100		
142	45.8	31.4	47.2
249	32.5	26.5	39.7

Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





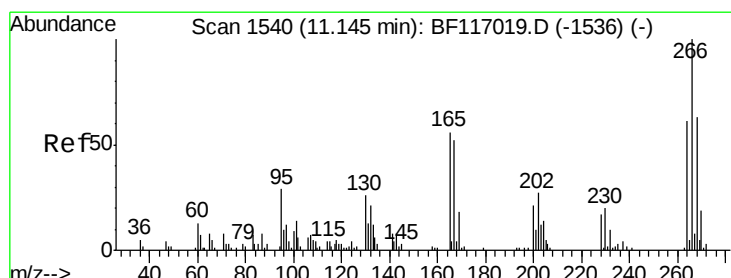
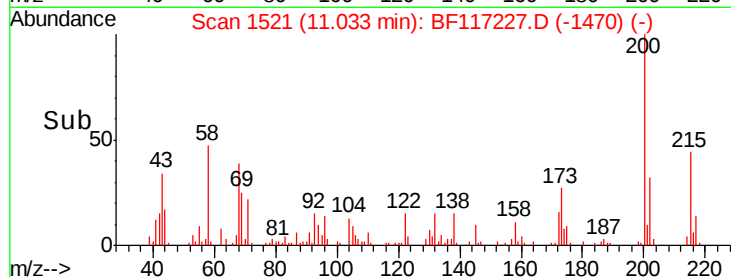
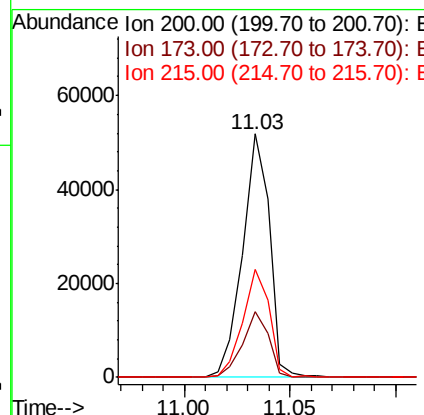
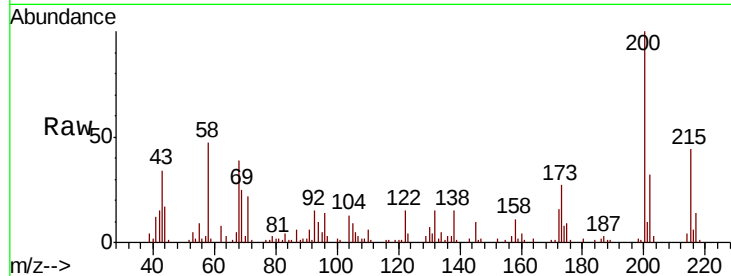
#69
Atrazine
Concen: 65.060 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.9	6.9	46.9
215	44.5	23.8	63.8

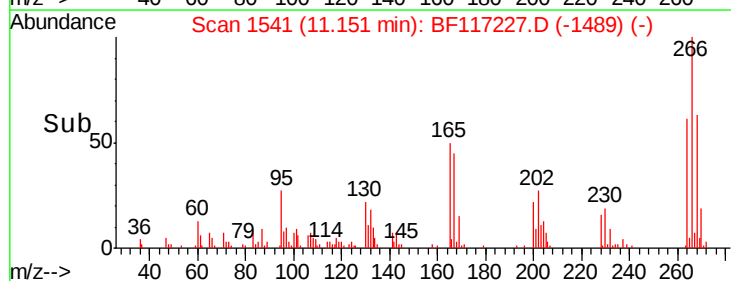
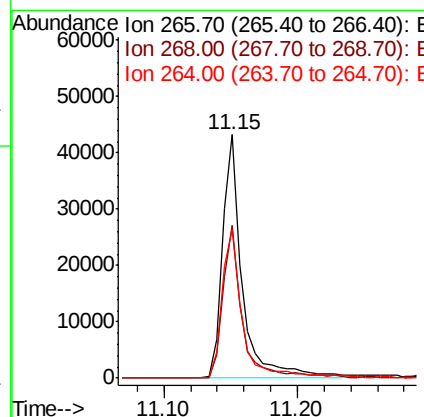
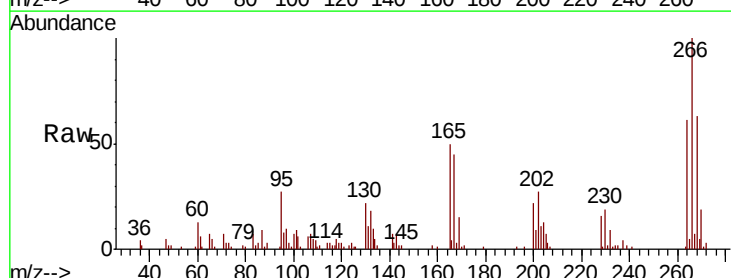
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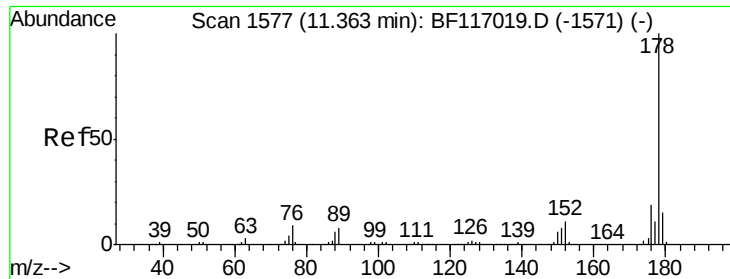
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#70
Pentachlorophenol
Concen: 94.044 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.7	50.5	75.7
264	61.3	48.8	73.2





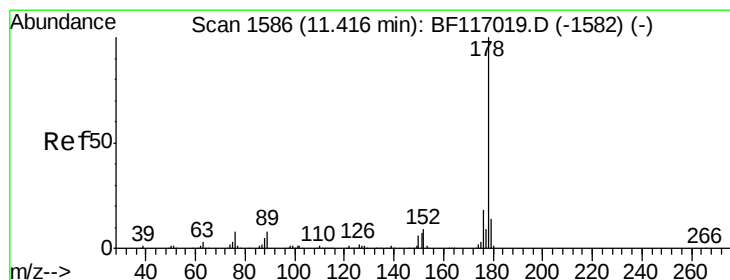
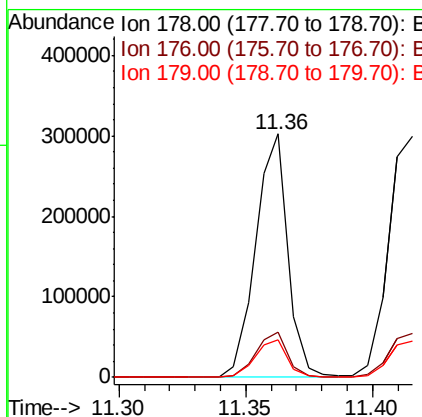
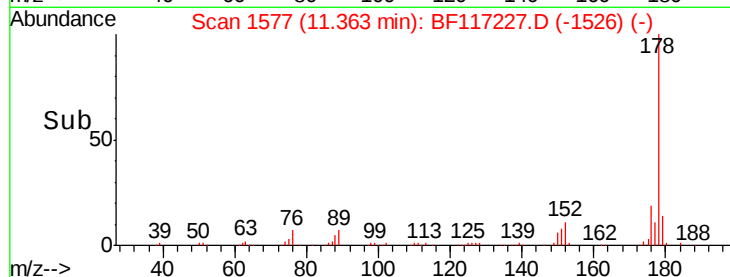
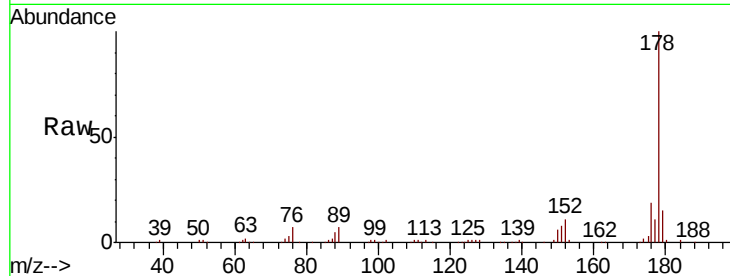
#71
Phenanthrene
Concen: 51.029 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		266924		
176	18.8	15.4	23.2		
179	15.2	12.4	18.6		

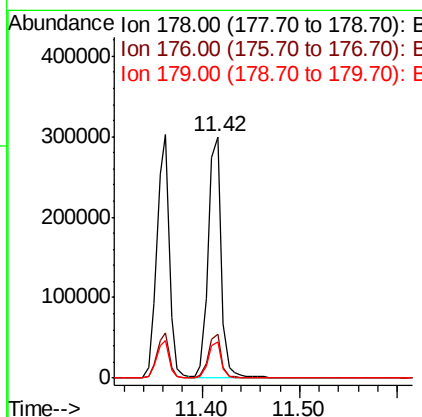
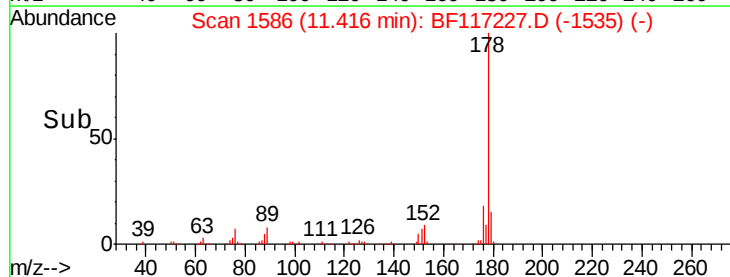
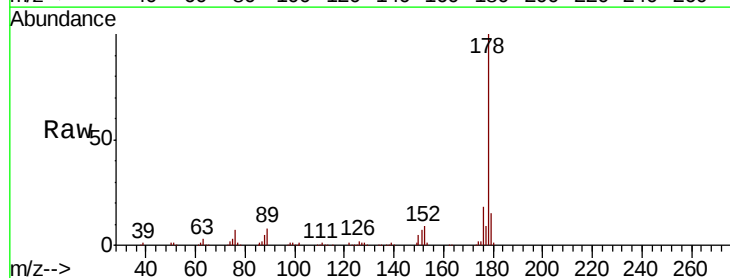
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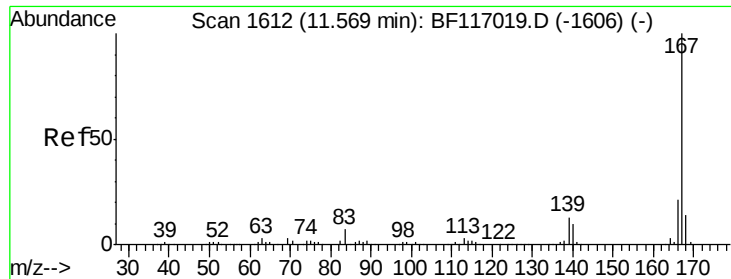
mohammad
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#72
Anthracene
Concen: 52.748 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		281688		
176	18.2	14.6	21.8		
179	15.1	11.6	17.4		





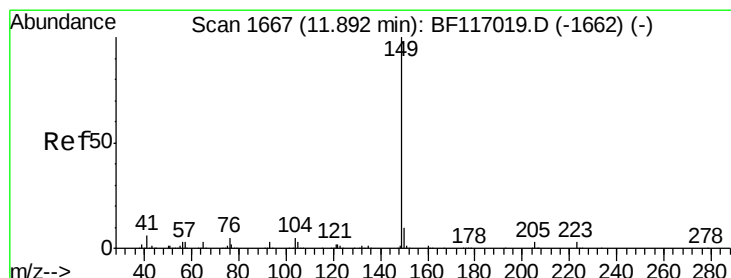
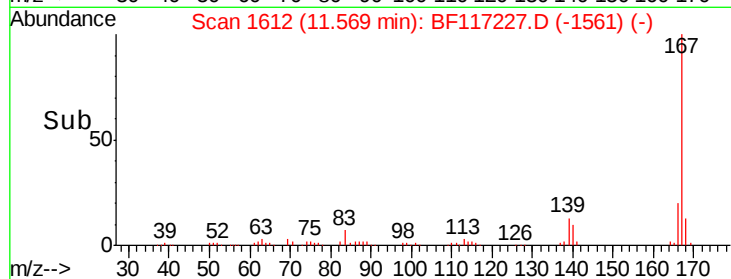
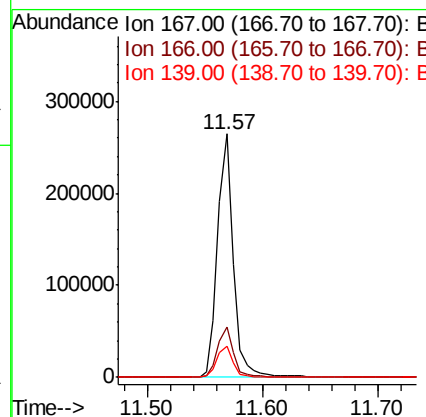
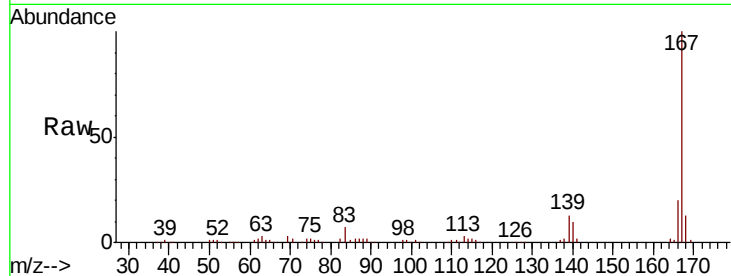
#73
 Carbazole
 Concen: 49.988 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100	253387		
166	20.5	17.2	25.8	
139	12.8	10.6	16.0	

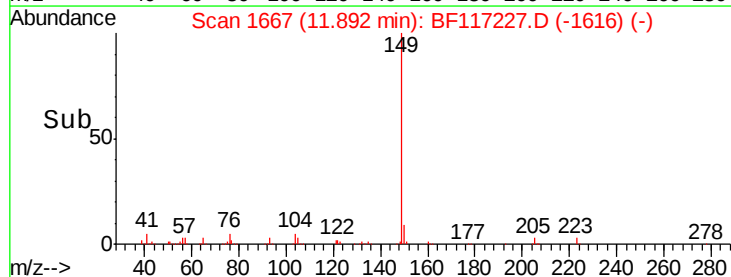
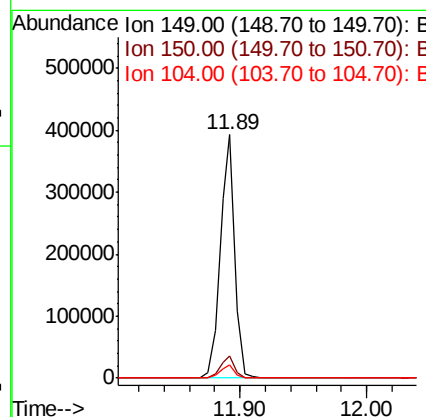
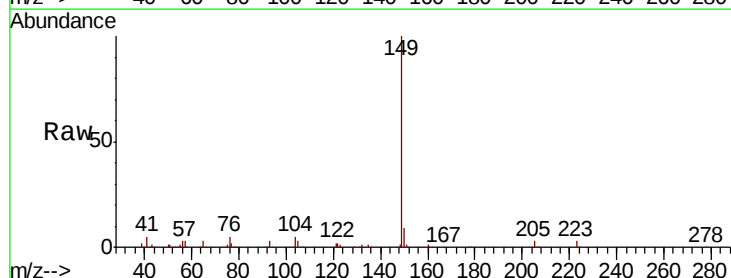
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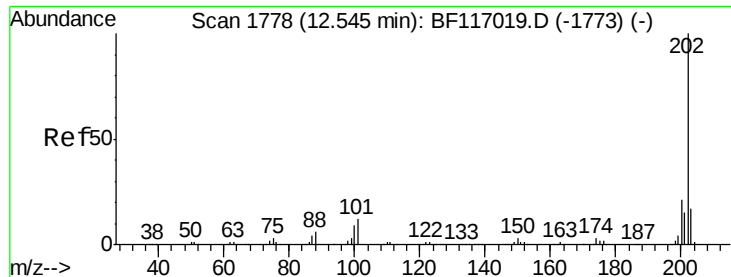
mohammad
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#74
 Di-n-butylphthalate
 Concen: 52.220 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	314939		
150	8.9	7.7	11.5	
104	5.2	4.2	6.4	





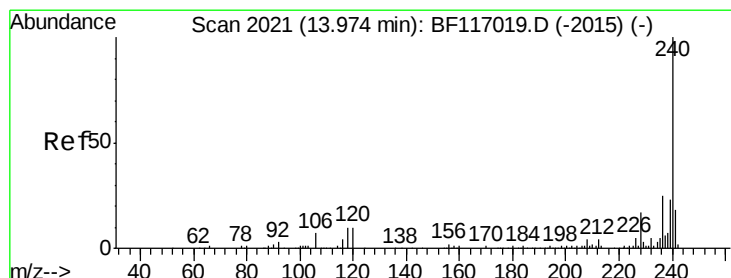
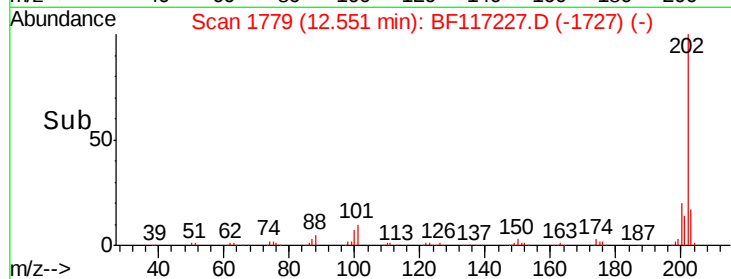
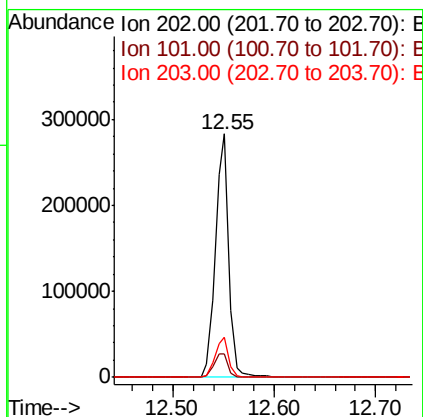
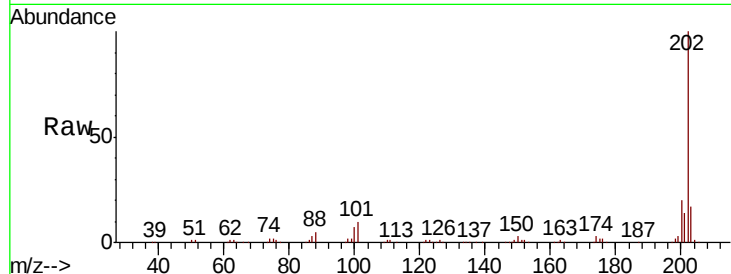
#75
 Fluoranthene
 Concen: 48.209 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.8	0.0	32.3
203	16.7	0.0	37.1

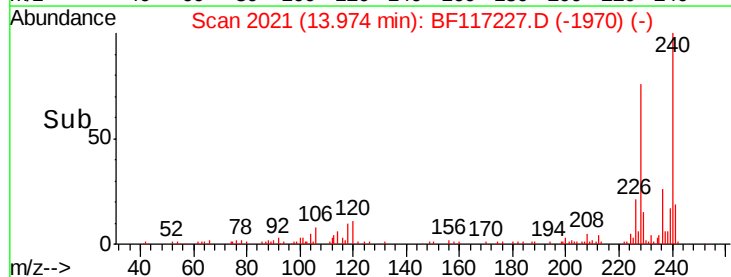
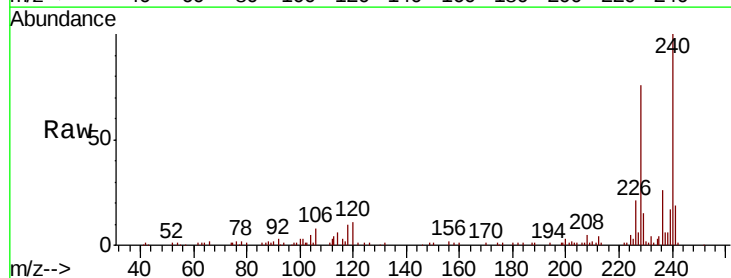
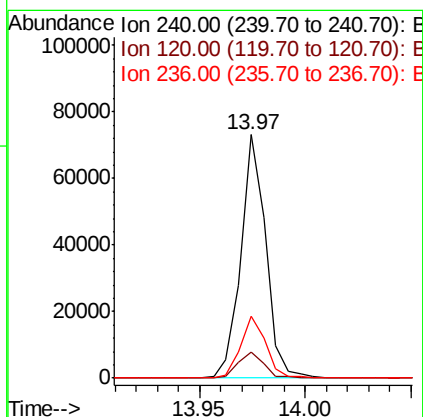
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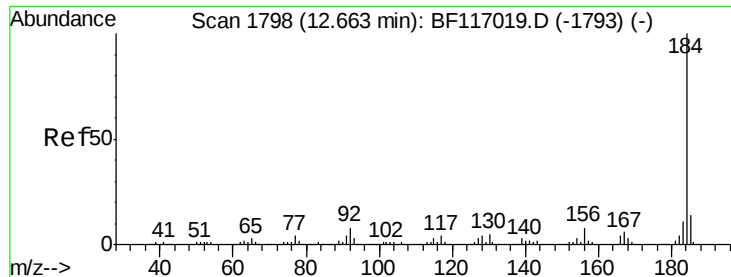
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.7	8.3	12.5
236	25.5	20.3	30.5





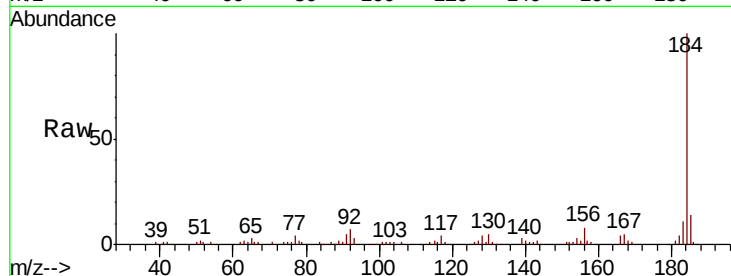
#77
Benzidine
Concen: 60.996 ng
RT: 12.67 min Scan# 1799
Delta R.T. 0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

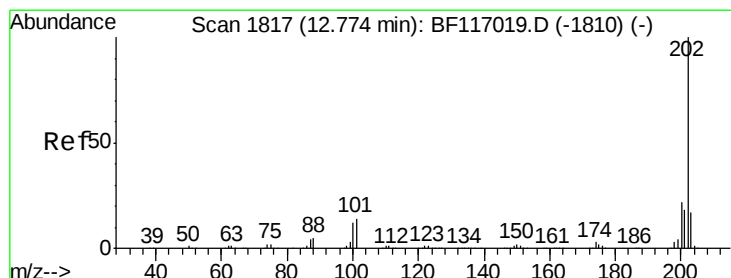
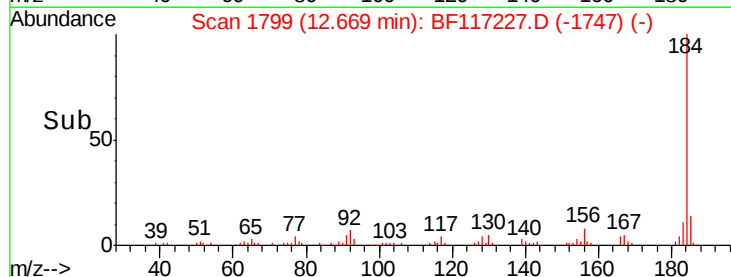
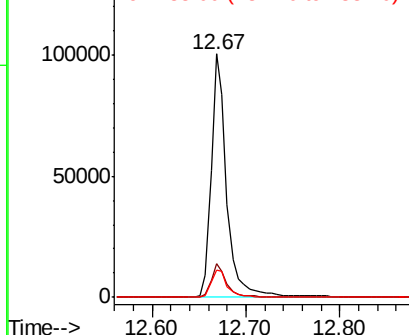
Tot Ion	Ratio	Resp	Lower	Upper
184	100	117292		
185	14.0		11.6	17.4
183	11.0		9.0	13.4

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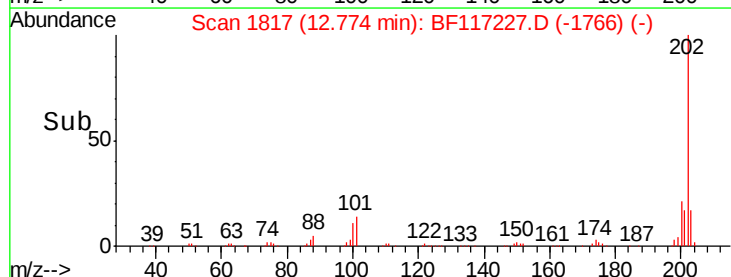
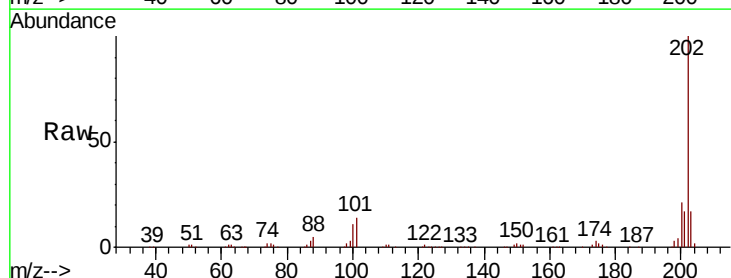
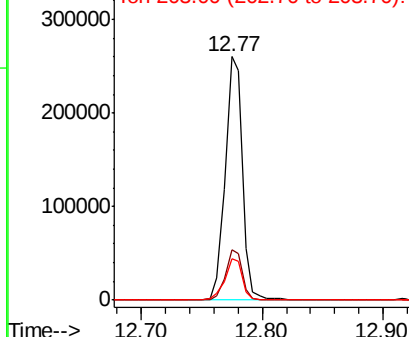
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

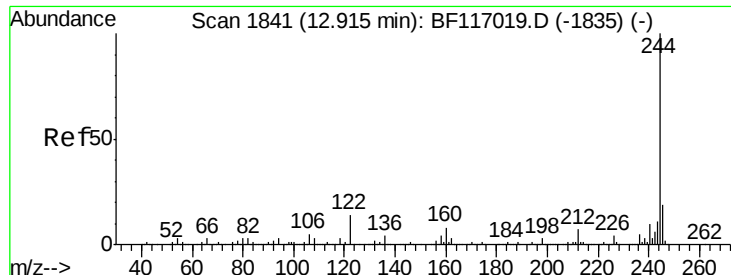


#78
Pyrene
Concen: 51.365 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	257282		
200	20.6		17.2	25.8
203	17.2		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: 102.648 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Instrument :

BNA_F

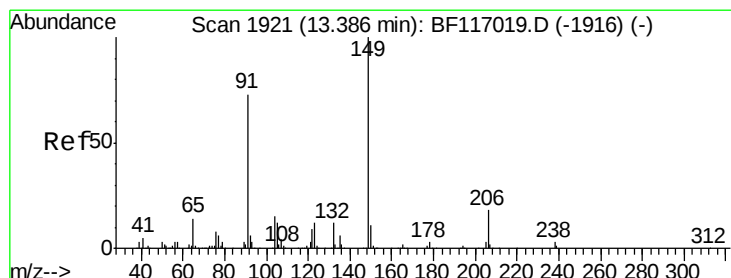
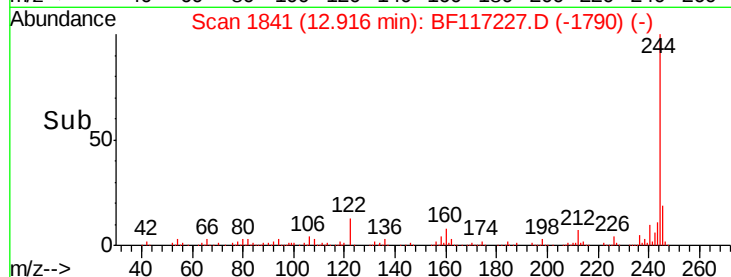
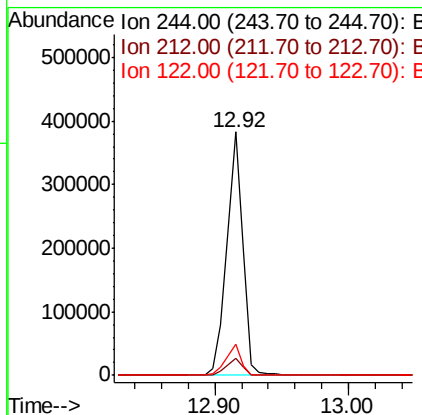
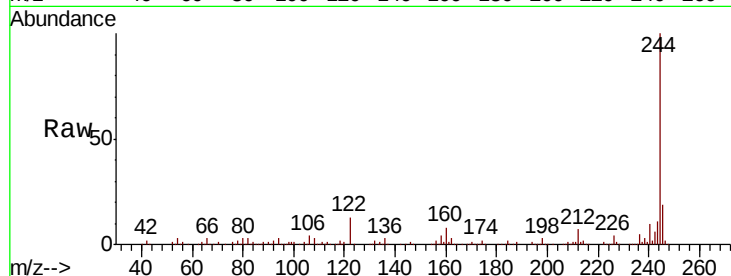
ClientSampled :

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Tot Ion:	244	Resp:	327813
Ion Ratio		Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.8	11.3	16.9

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#80

Butylbenzylphthalate

Concen: 51.661 ng

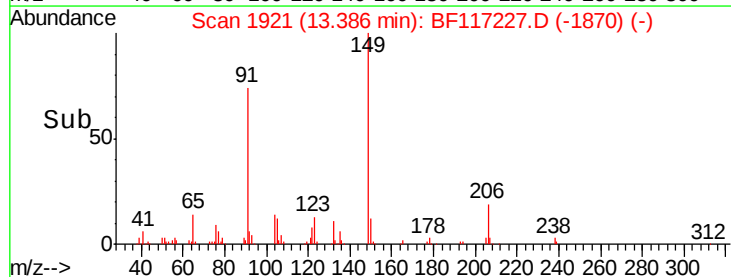
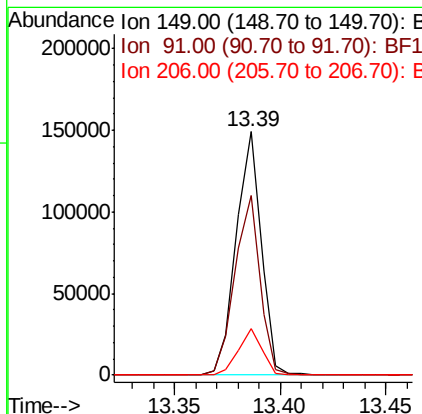
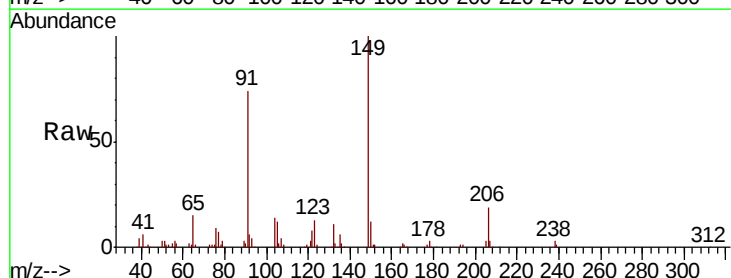
RT: 13.39 min Scan# 1921

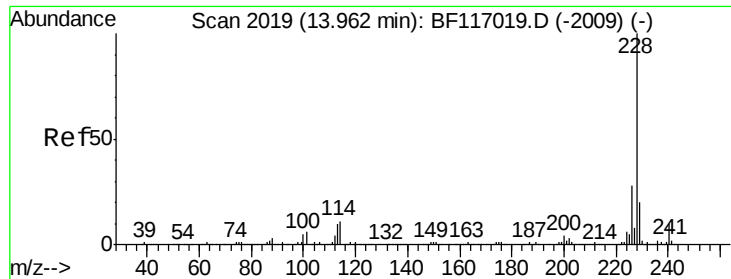
Delta R.T. 0.00 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Tgt Ion:	149	Resp:	122269
Ion Ratio		Lower	Upper
149	100		
91	73.8	58.8	88.2
206	19.0	14.1	21.1





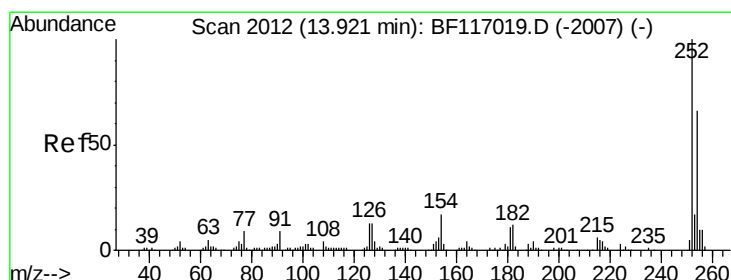
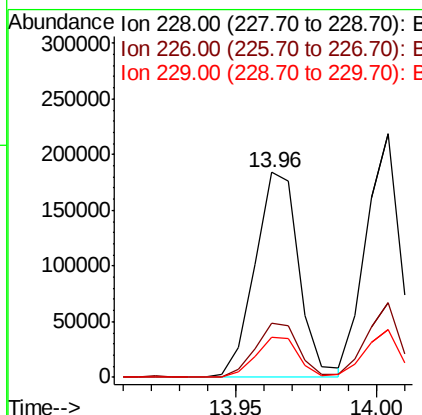
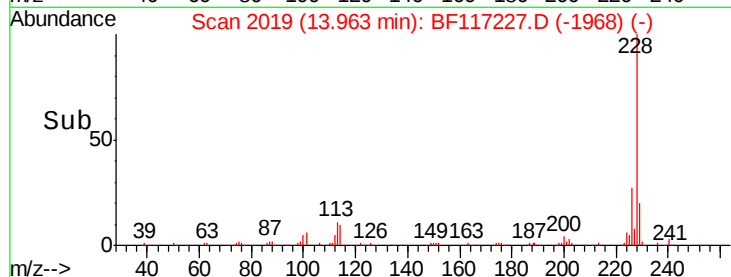
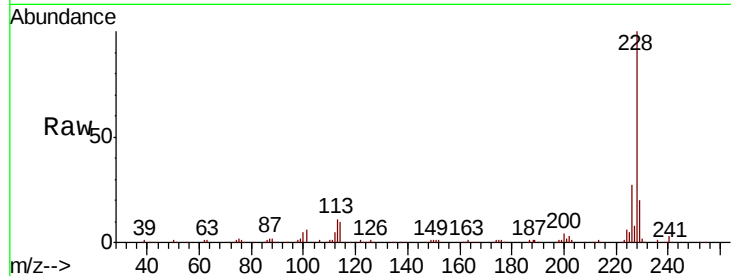
#81
Benzo(a)anthracene
Concen: 49.886 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampled :
SB-7MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.3	33.5
229	19.6	15.9	23.9

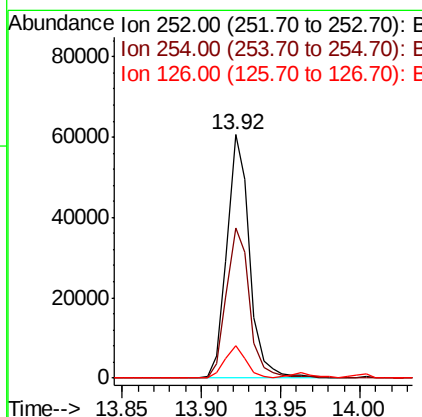
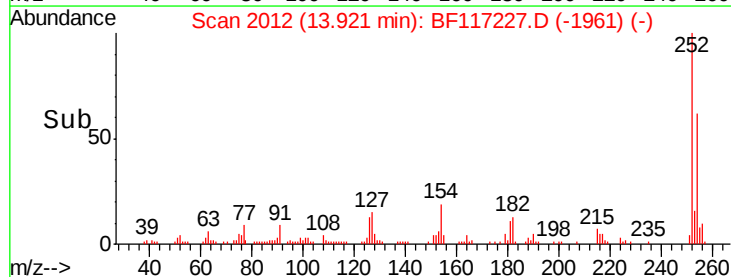
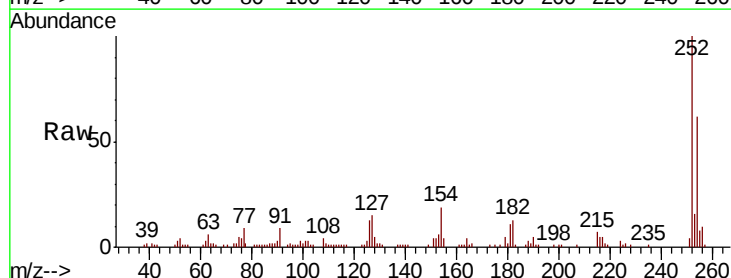
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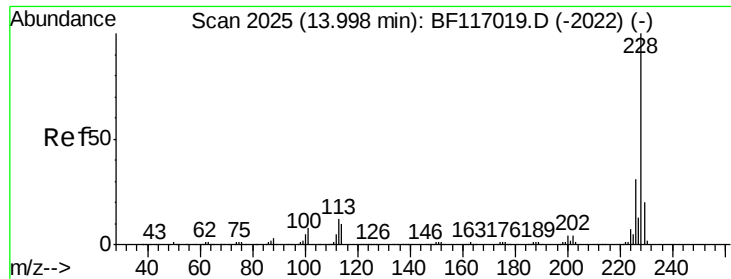
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#82
3,3'-Dichlorobenzidine
Concen: 46.637 ng
RT: 13.92 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.5	52.6	79.0
126	13.4	10.4	15.6





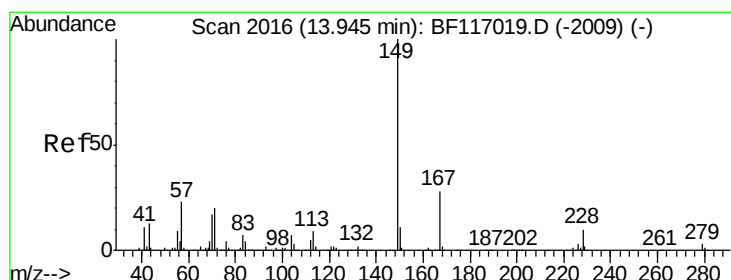
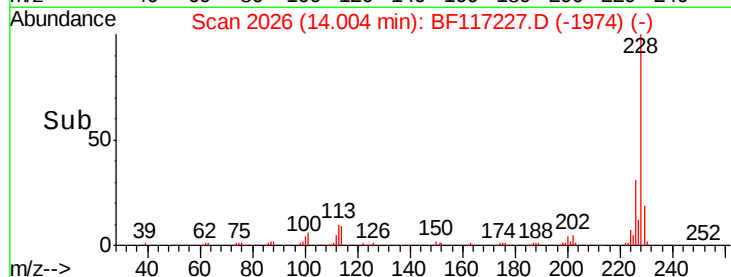
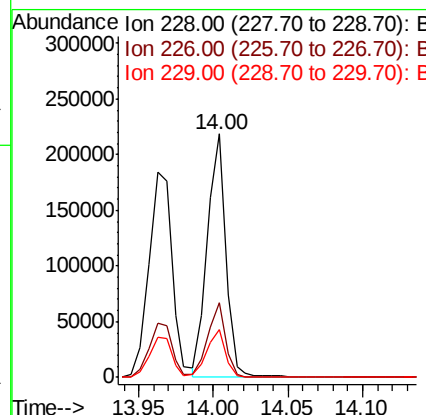
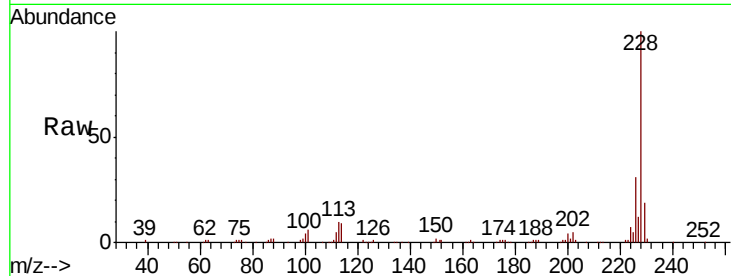
#83
 Chrvsene
 Concen: 48.204 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.8	37.2
229	19.5	15.8	23.8

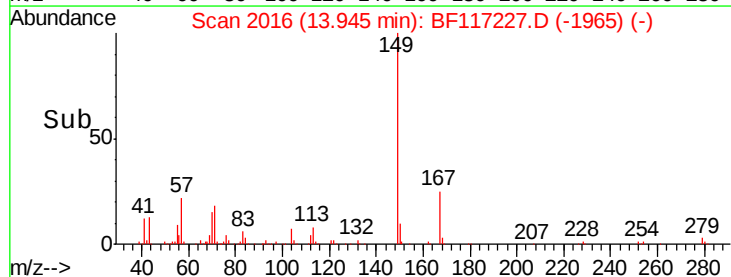
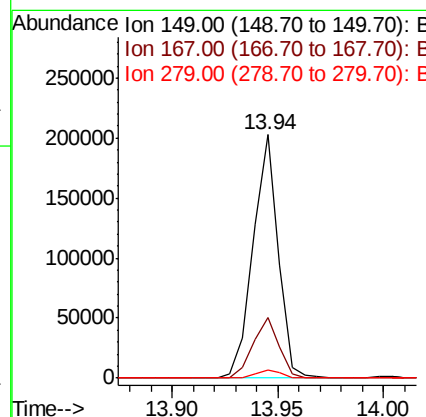
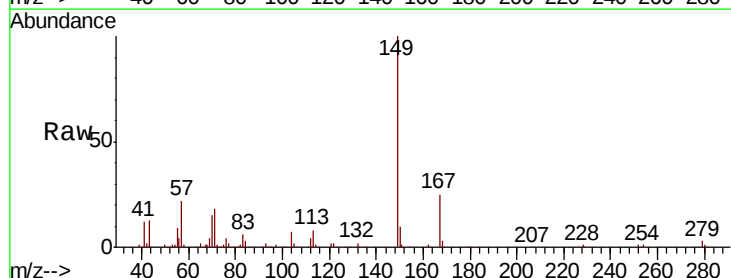
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 54.946 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.0	22.2	33.2
279	3.2	2.8	4.2





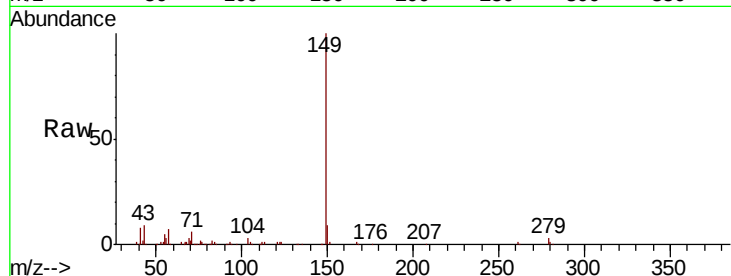
#85
Di-n-octyl phthalate
Concen: 55.259 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

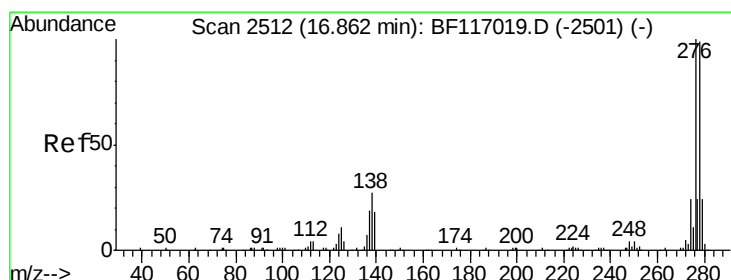
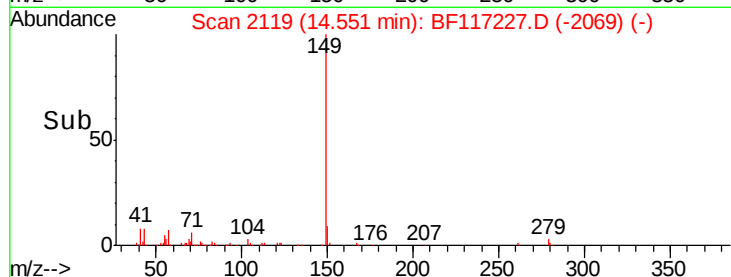
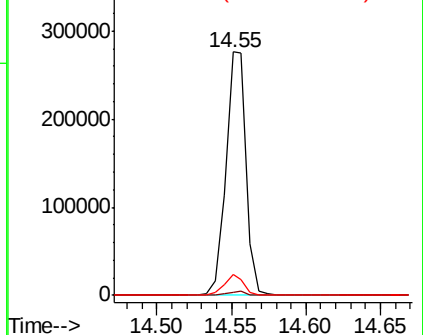
Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.4	1.2	1.8
43	8.0	6.2	9.4

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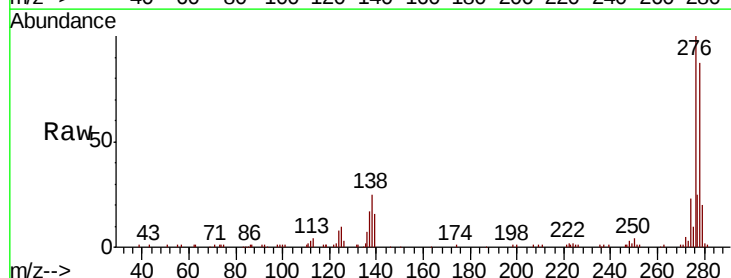


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

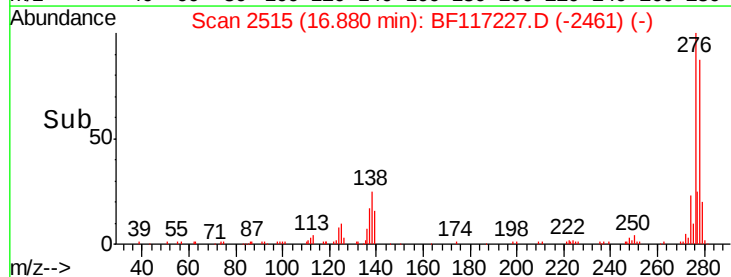
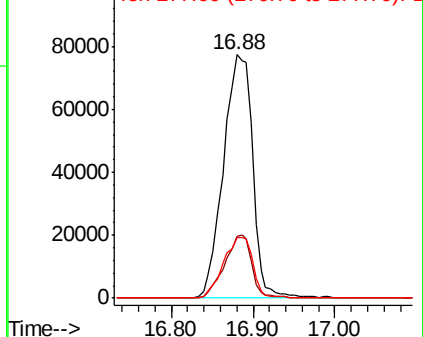


#86
Indeno(1,2,3-cd)pyrene
Concen: 68.080 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.02 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	23.7	20.7	31.1
277	25.0	19.8	29.8



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





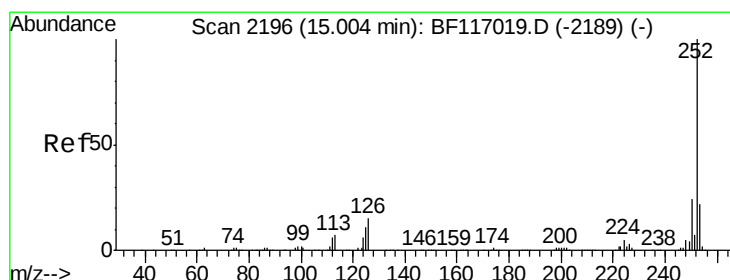
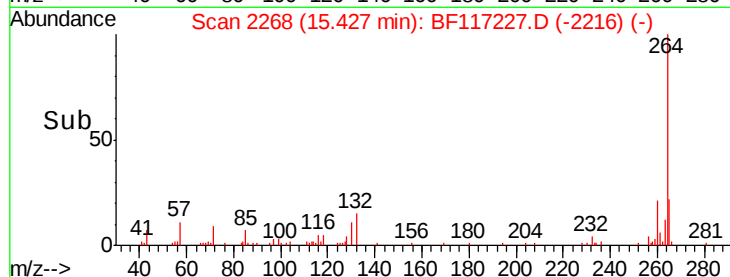
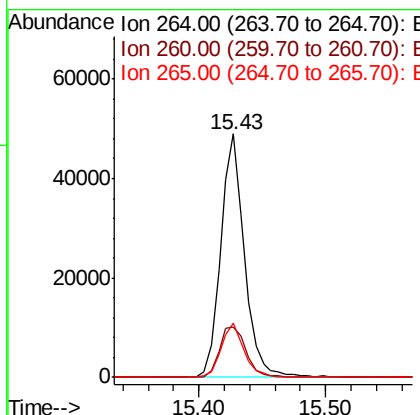
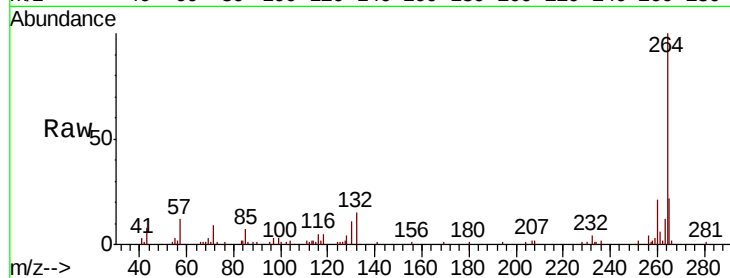
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.8	17.6	26.4
265	22.5	16.6	24.8

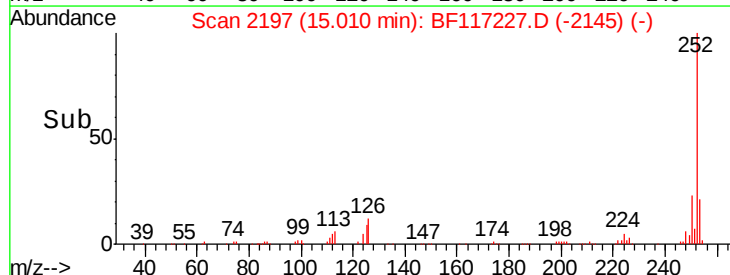
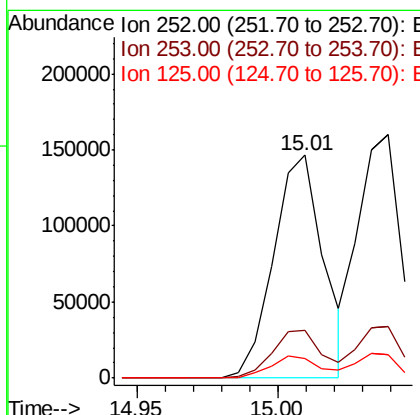
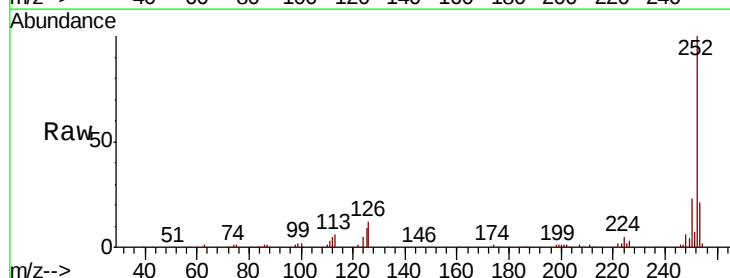
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#88
Benzo(b)fluoranthene
Concen: 46.712 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.6	26.4
125	9.1	8.6	12.8





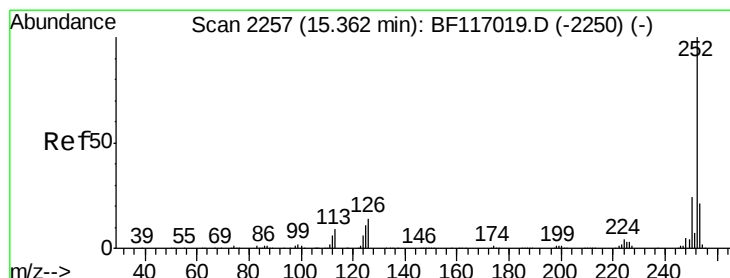
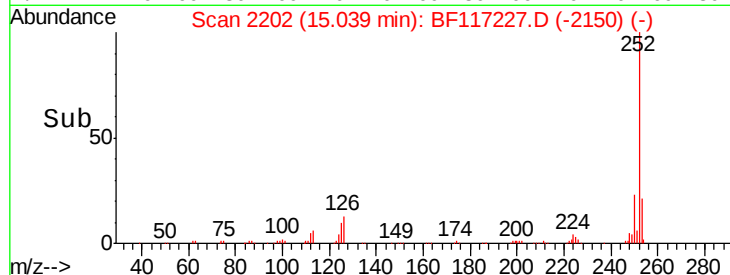
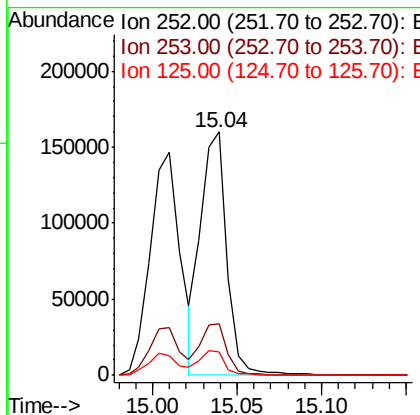
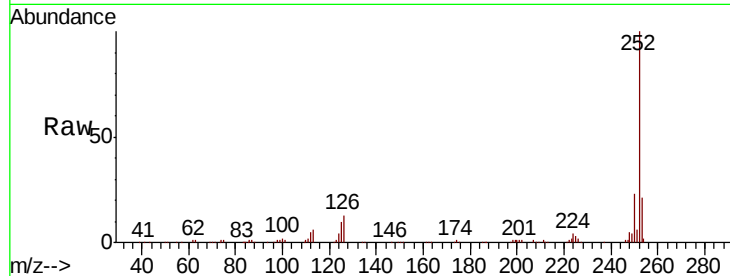
#89
Benzo(k)fluoranthene
Concen: 47.401 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ion	Ratio	Lower	Upper
252	100			
253	21.4	17.4	26.2	
125	9.7	8.8	13.2	

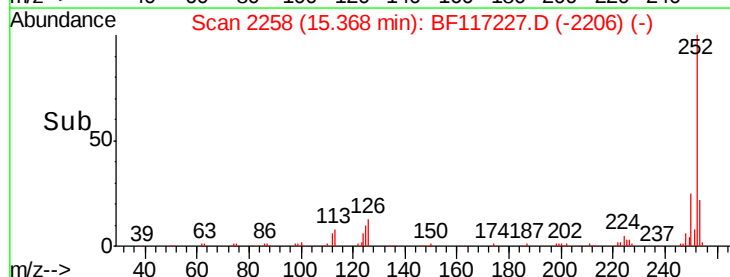
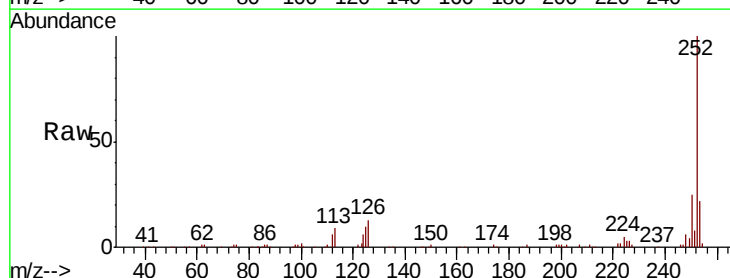
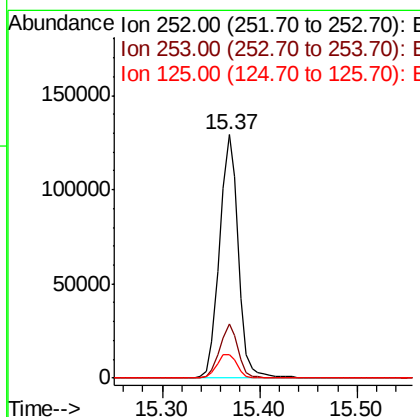
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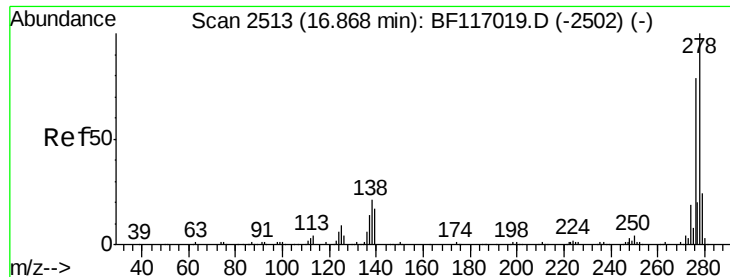
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#90
Benzo(a)pyrene
Concen: 50.990 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.4	16.6	25.0	
125	9.6	8.9	13.3	





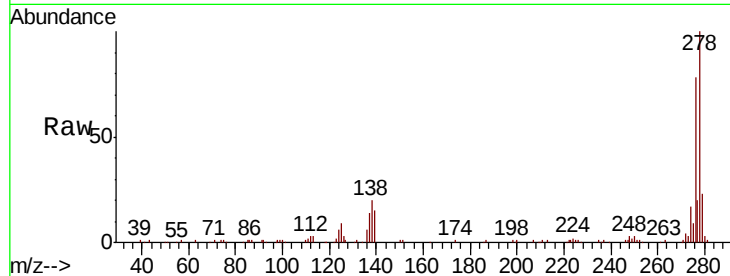
#91
Dibenzo(a,h)anthracene
Concen: 61.238 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.02 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	13.5	20.3
279	22.8	18.8	28.2

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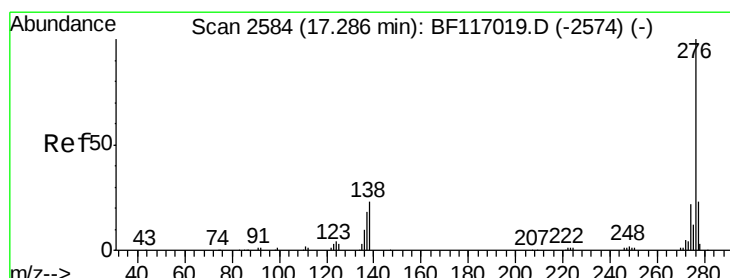
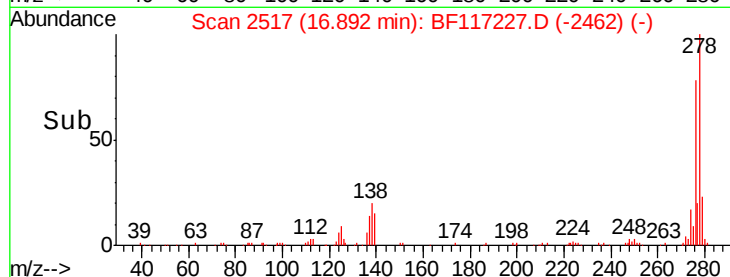
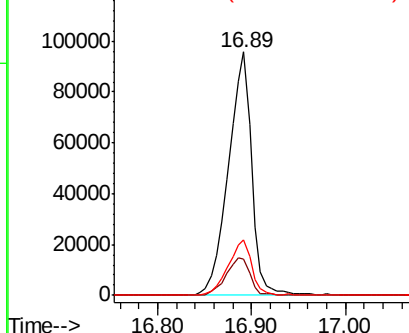


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 54.905 ng
RT: 17.32 min Scan# 2589
Delta R.T. 0.03 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.6	27.8
138	19.1	18.0	27.0

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

