

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
 Data File : BF117262.D
 Acq On : 26 Sep 2019 2:37
 Operator : JU
 Sample : K5008-03DL 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3DL

Manual Integrations
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mohammad
 9/26/2019 3:54:05 PM

Quant Time: Sep 26 10:59:13 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	37631	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	141596	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	66094	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	84862	20.00	ng	0.02
76) Chrysene-d12	13.98	240	66919	20.00	ng	0.00
87) Perylene-d12	15.43	264	55441	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	109556	45.45	ng	0.00
7) Phenol-d6	6.45	99	148897	47.80	ng	0.00
23) Nitrobenzene-d5	7.38	82	91033	33.78	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	21560	39.03	ng	0.01
45) 2-Fluorobiphenyl	9.17	172	146342	34.62	ng	0.00
79) Terphenyl-d14	12.92	244	104975	29.32	ng	0.00
Target Compounds						
10) Phenol	6.47	94	7526	2.192	ng	79
31) Naphthalene	8.12	128	199909	29.356	ng	# 94
37) 2-Methylnaphthalene	8.83	142	722201	157.489	ng	99
38) 1-Methylnaphthalene	8.93	142	600599m	139.840	ng	
46) 1,1'-Biphenyl	9.28	154	63311	12.212	ng	99
49) Acenaphthylene	9.73	152	20455m	3.337	ng	
50) Dimethylphthalate	9.57	163	24466	5.228	ng	# 64
52) Acenaphthene	9.90	154	41350	11.380	ng	# 73
55) Dibenzofuran	10.07	168	56053	10.456	ng	# 5
58) Fluorene	10.42	166	92549	21.431	ng	# 92
71) Phenanthrene	11.37	178	256234	53.159	ng	# 96
72) Anthracene	11.43	178	19799	4.023	ng	# 60
78) Pvrene	12.79	202	16984	3.025	ng	# 94

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

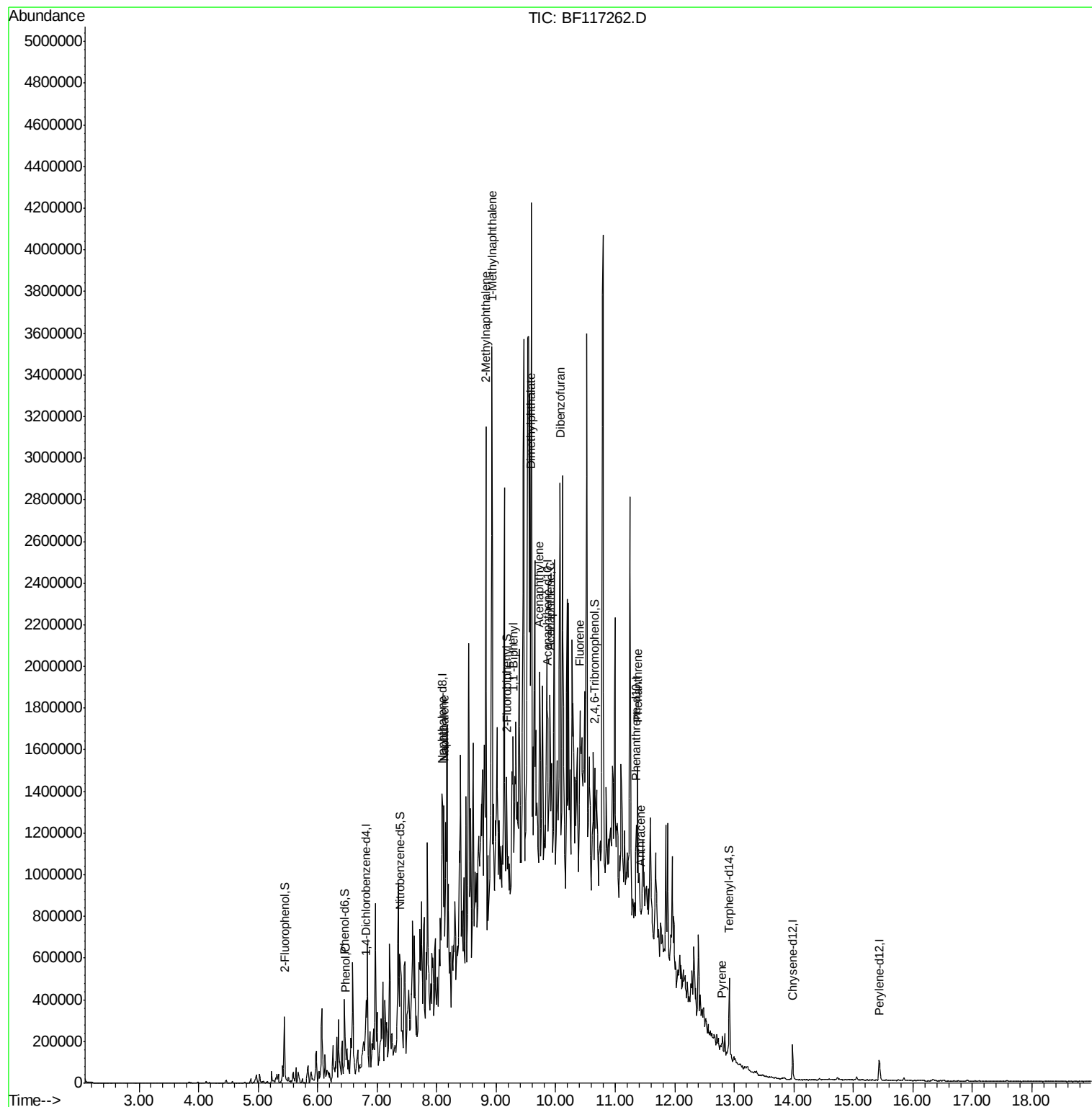
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
Data File : BF117262.D
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ALS Vial : 26 Sample Multiplier: 1

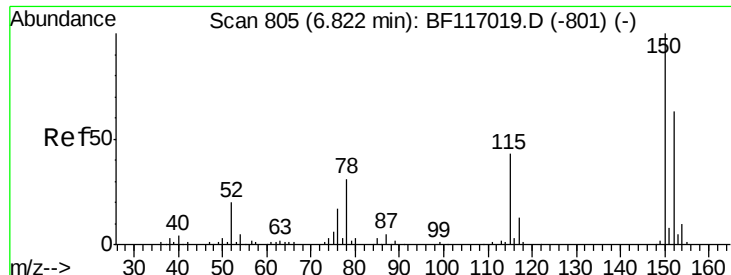
Instrument :
BNA_F
ClientSampleId :
SB-3DL

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
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#1

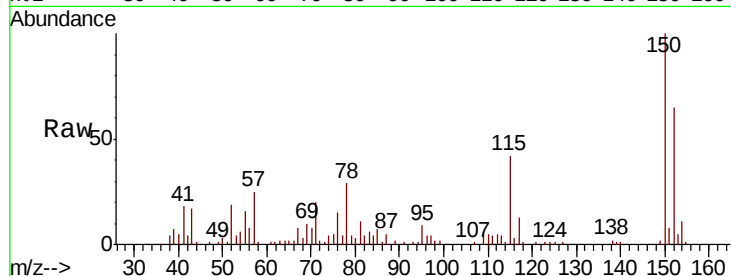
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117262.D
Acq: 26 Sep 2019 2:37

Instrument :
BNA_F
ClientSampleId :
SB-3DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	127.5	191.3
115	65.6	55.0	82.4

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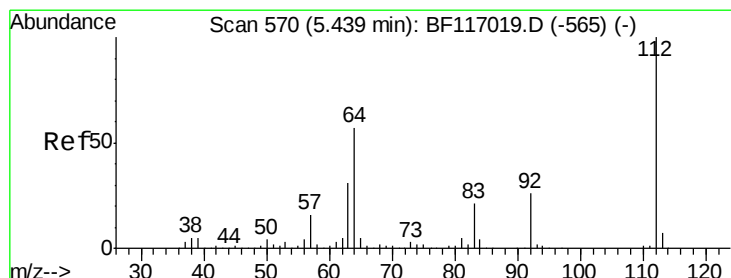
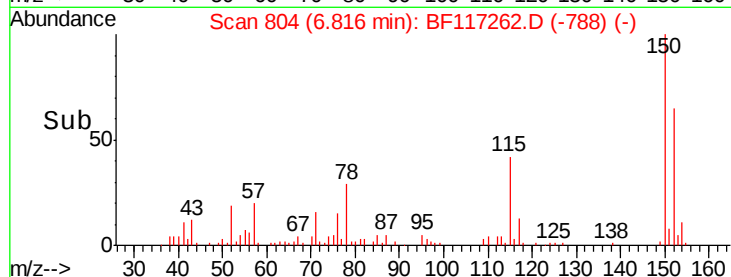
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

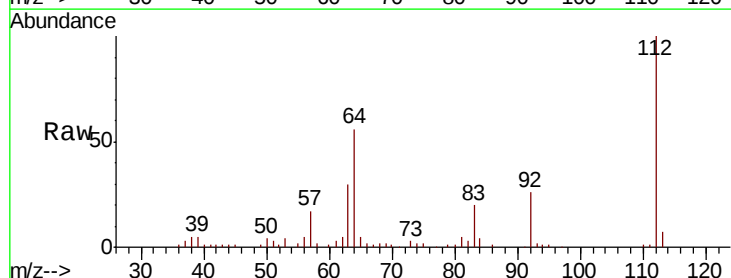
Time-->



#5

2-Fluorophenol
Concen: 45.453 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF117262.D
Acq: 26 Sep 2019 2:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	45.7	68.5
63	29.9	24.9	37.3



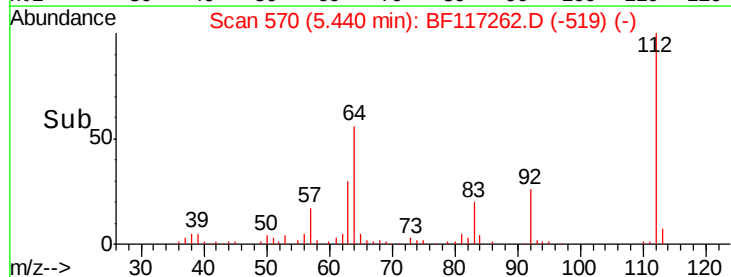
Abundance

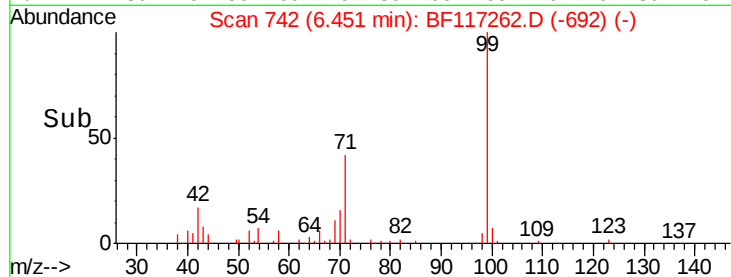
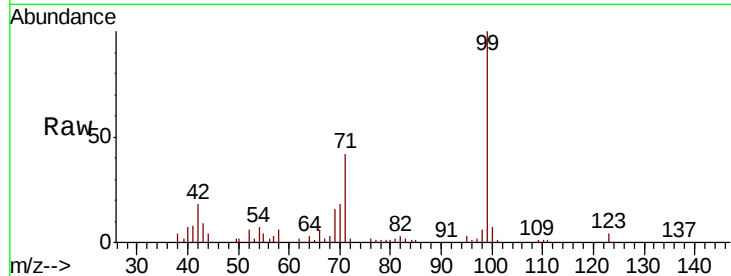
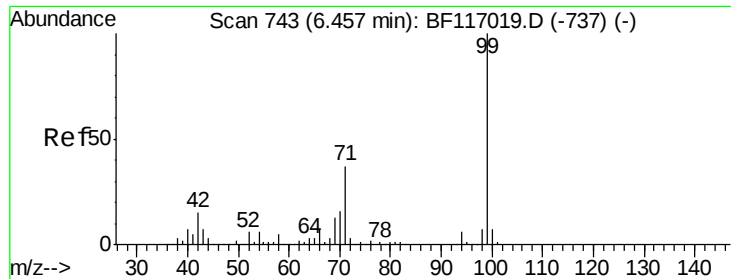
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 47.800 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117262.D

Acq: 26 Sep 2019 2:37

Tot Ion:	99	Resp:	148897
Ion Ratio	Lower	Upper	
99	100		
42	17.5	12.2	18.2
71	42.4	29.8	44.8

Instrument :

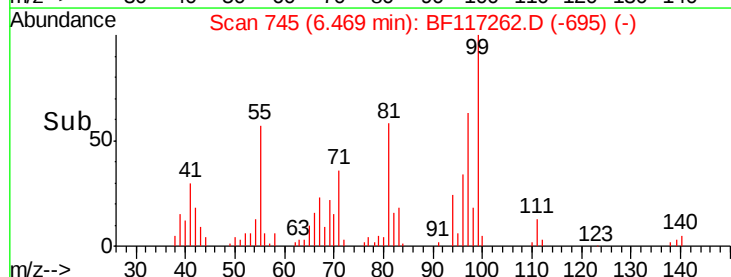
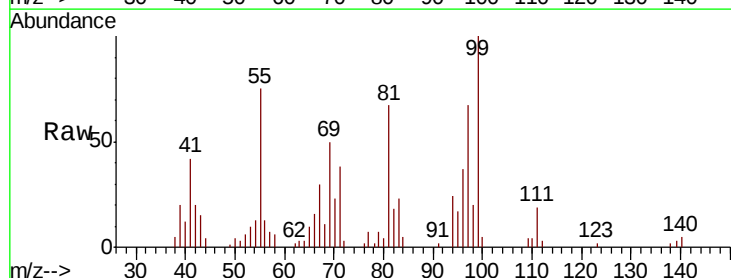
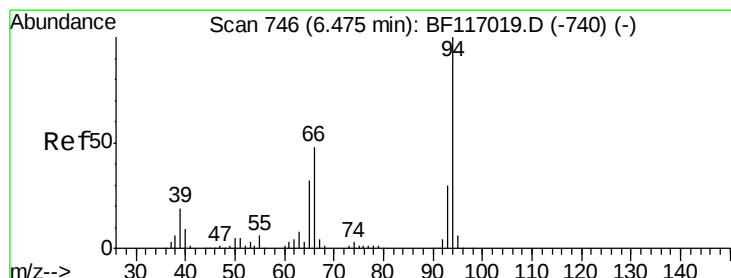
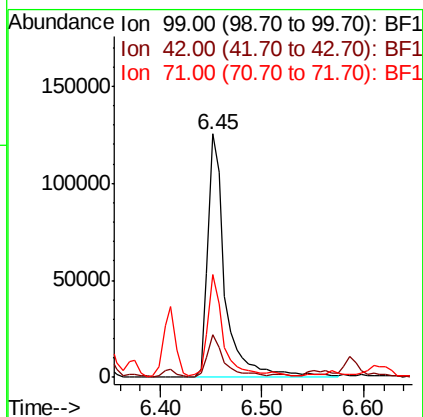
BNA_F

ClientSampled :

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#10

Phenol

Concen: 2.192 ng

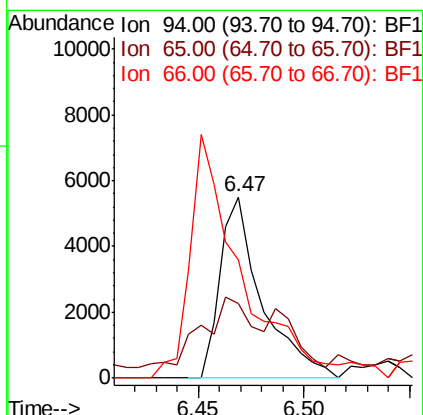
RT: 6.47 min Scan# 745

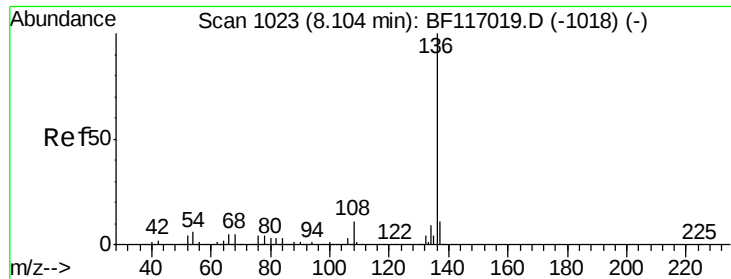
Delta R.T. -0.01 min

Lab File: BF117262.D

Acq: 26 Sep 2019 2:37

Tgt Ion:	94	Resp:	7526
Ion Ratio	Lower	Upper	
94	100		
65	41.1	12.5	52.5
66	65.3	28.9	68.9





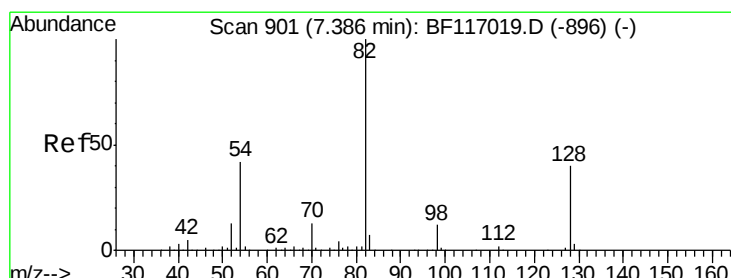
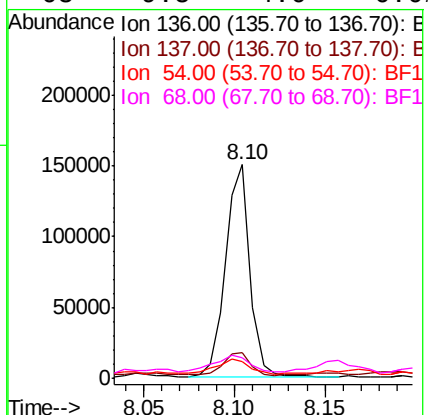
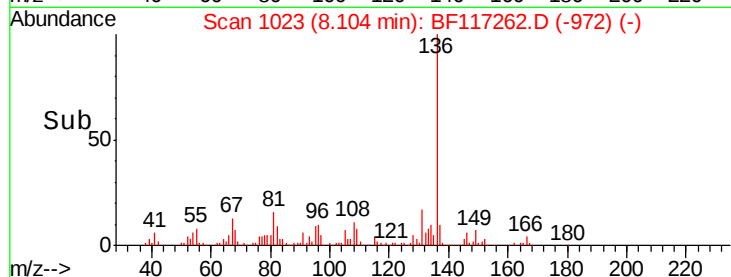
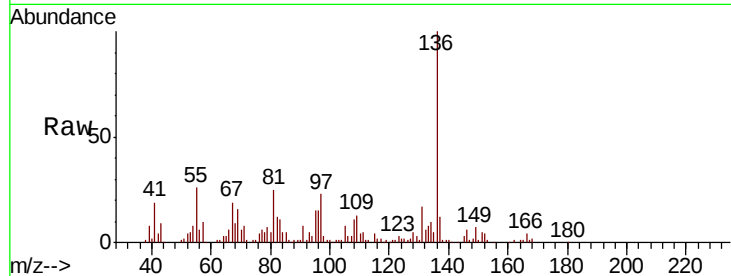
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117262.D
Acq: 26 Sep 2019 2:37

Instrument :
BNA_F
ClientSampleId :
SB-3DL

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.7	9.0	13.4
54	8.0	4.5	6.7#
68	9.5	4.0	6.0#

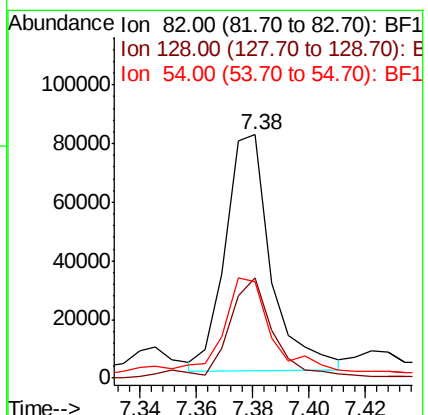
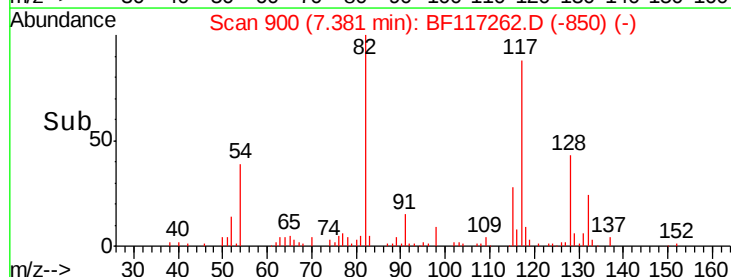
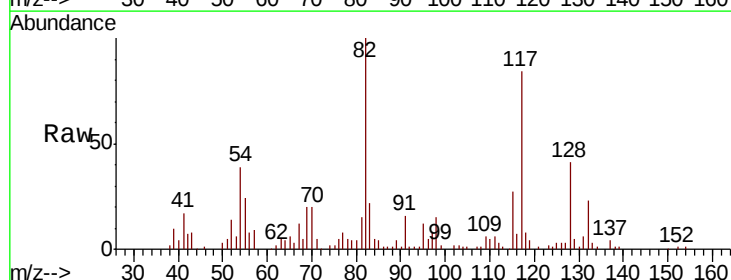
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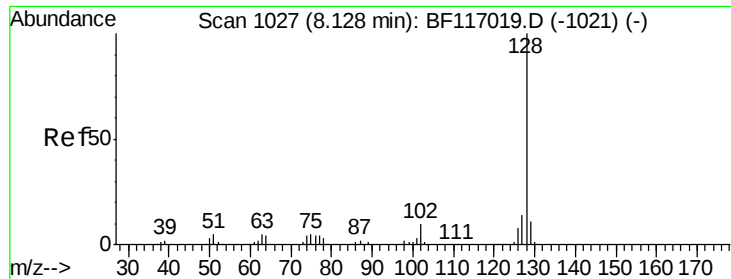
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#23
Nitrobenzene-d5
Concen: 33.780 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF117262.D
Acq: 26 Sep 2019 2:37

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	41.2	32.3	48.5
54	39.4	33.3	49.9





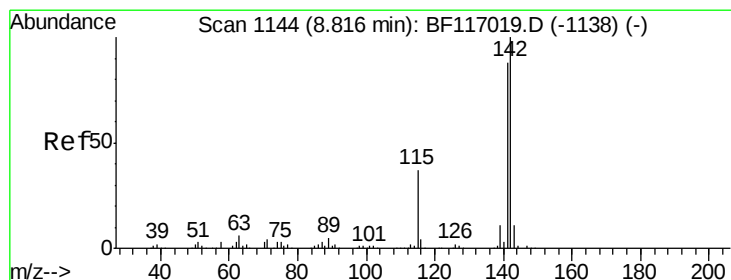
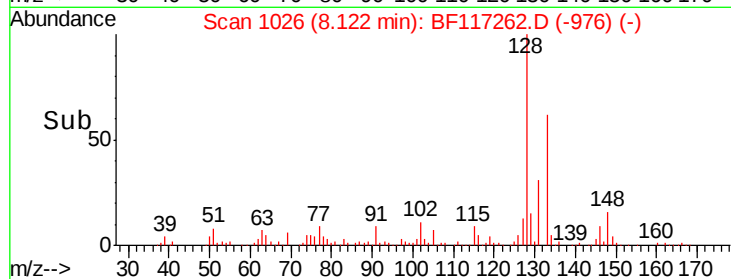
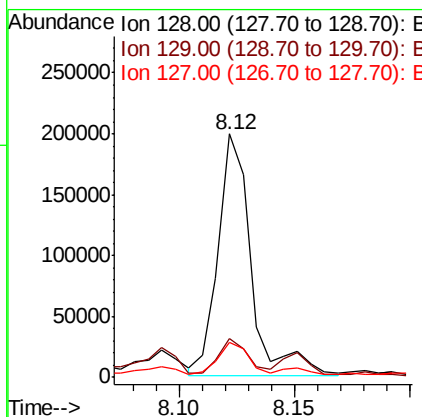
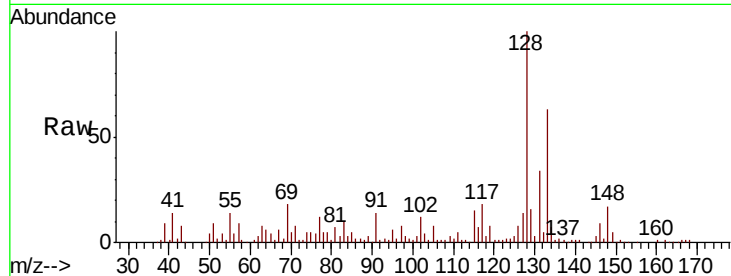
#31
Naphthalene
Concen: 29.356 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF117262.D
Acq: 26 Sep 2019 2:37

Instrument :
BNA_F
ClientSampled :
SB-3DL

Tot Ion	Ratio	Resp	Lower	Upper
128	100	199909		
129	15.7	9.0	13.4#	
127	14.3	10.8	16.2	

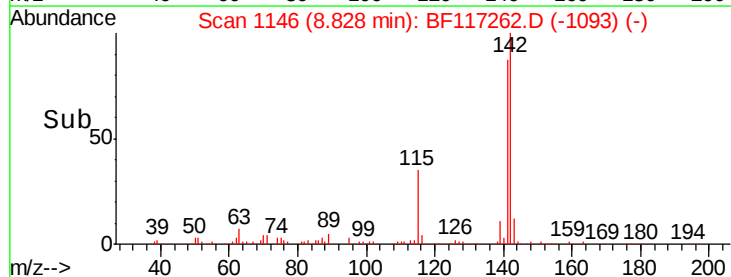
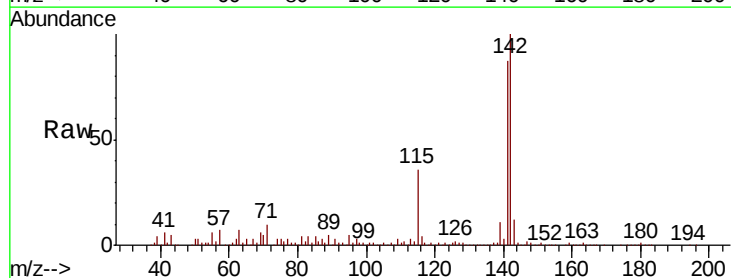
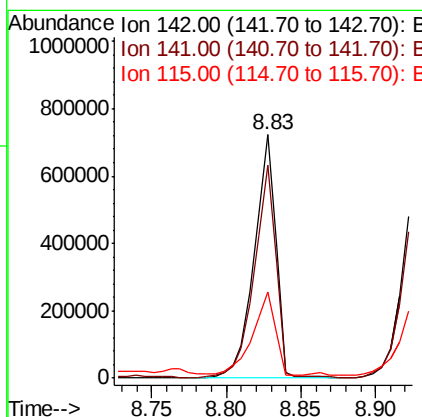
Manual Integrations
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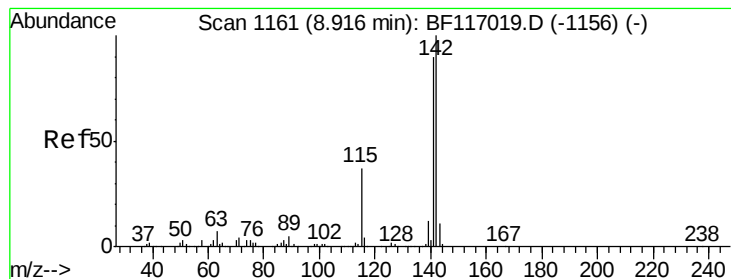
mohammad
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#37
2-Methylnaphthalene
Concen: 157.489 ng
RT: 8.83 min Scan# 1146
Delta R.T. 0.01 min
Lab File: BF117262.D
Acq: 26 Sep 2019 2:37

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	722201		
141	87.4	70.7	106.1	
115	35.6	29.4	44.0	





#38

1-Methylnaphthalene

Concen: 139.840 ng m

RT: 8.93 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BF117262.D

Acq: 26 Sep 2019 2:37

Instrument :

BNA_F

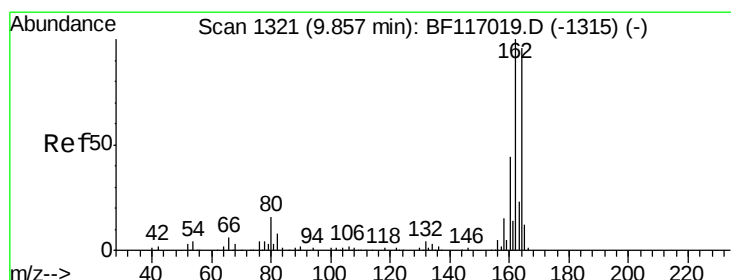
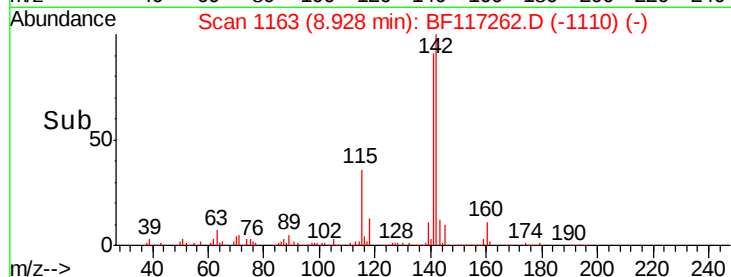
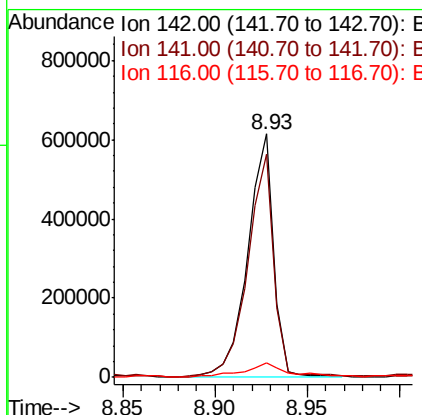
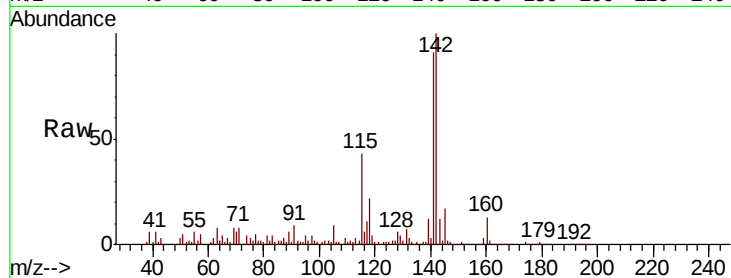
ClientSampleId :

SB-3DL

Tot Ion	Ratio	Resp	Lower	Upper
142	100	600599		
141	91.4	71.9	107.9	
116	5.8	3.2	4.8#	

Manual Integrations
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#39

Acenaphthene-d10

Concen: 20.000 ng

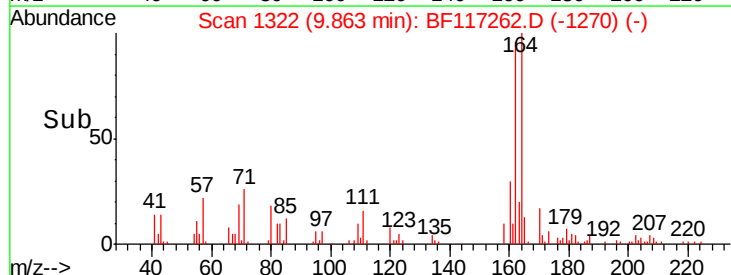
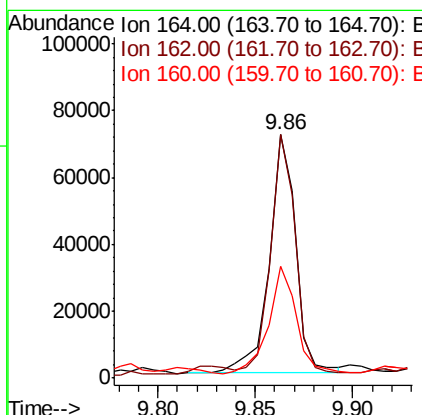
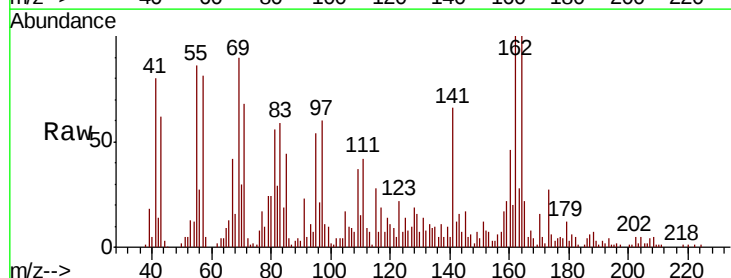
RT: 9.86 min Scan# 1322

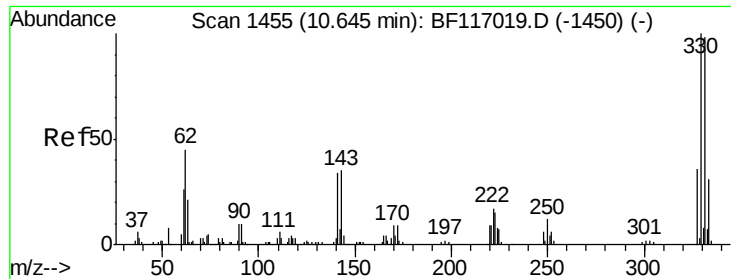
Delta R.T. 0.01 min

Lab File: BF117262.D

Acq: 26 Sep 2019 2:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	66094		
162	100.2	83.4	125.2	
160	45.7	36.4	54.6	





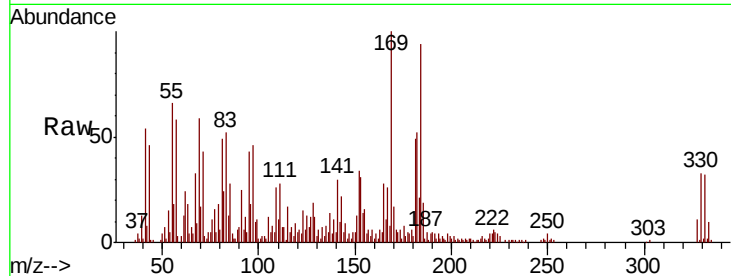
#42
 2,4,6-Tribromophenol
 Concen: 39.030 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.01 min
 Lab File: BF117262.D
 Acq: 26 Sep 2019 2:37

Instrument :
 BNA_F
 ClientSampled :
 SB-3DL

Tot Ion	Ratio	Resp	Lower	Upper
330	100	21560		
332	96.8	78.0	117.0	
141	113.5	35.8	53.6	

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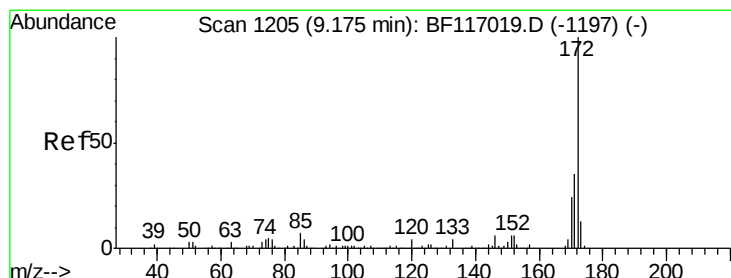
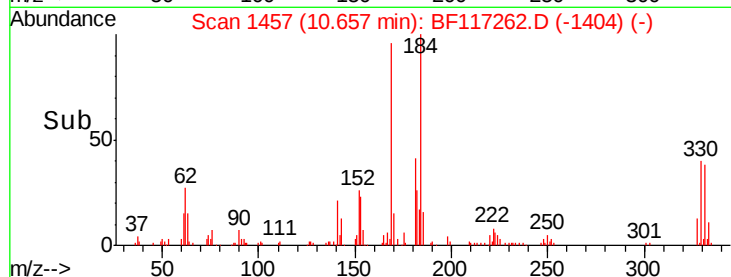
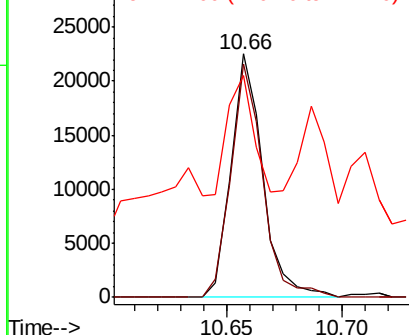


Abundance

Ion 329.80 (329.50 to 330.50): E

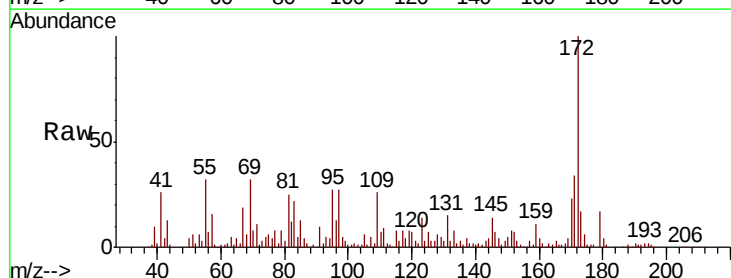
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 34.620 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF117262.D
 Acq: 26 Sep 2019 2:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	146342		
171	34.4	28.2	42.2	
170	22.7	18.9	28.3	

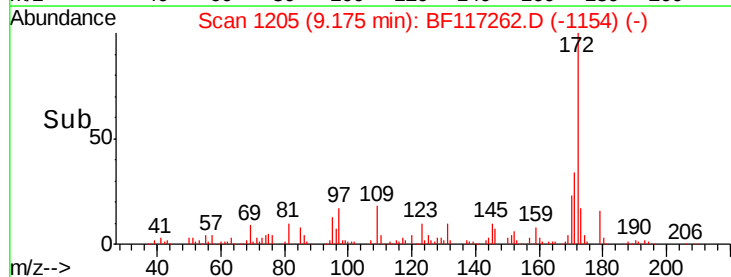
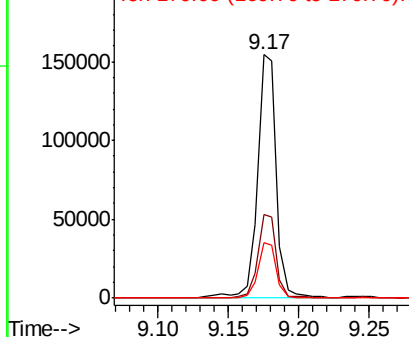


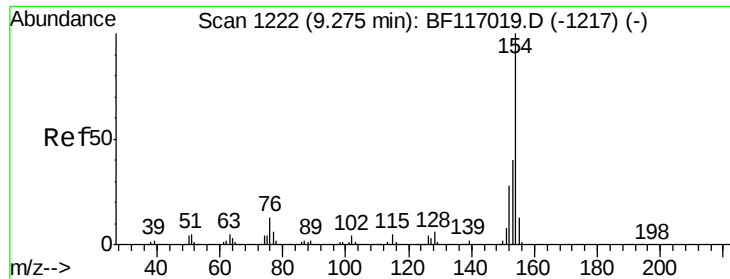
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





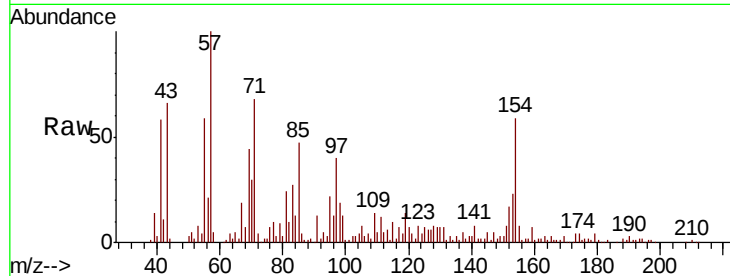
#46
1,1'-Biphenyl
Concen: 12.212 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF117262.D
Acq: 26 Sep 2019 2:37

Instrument :
BNA_F
ClientSampled :
SB-3DL

Tot Ion	Ratio	Resp	Lower	Upper
154	100	63311		
153	39.1	20.0	60.0	
76	12.1	0.0	32.7	

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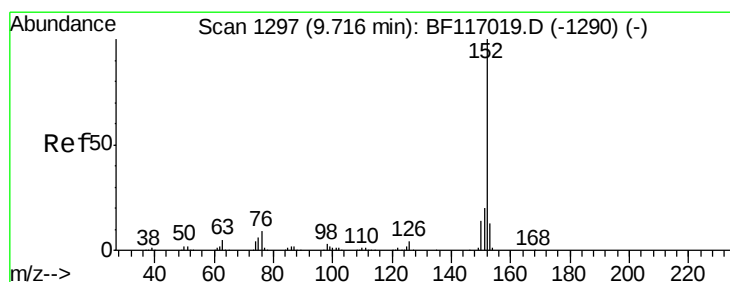
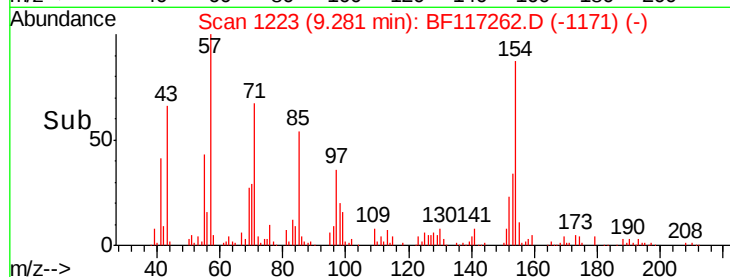
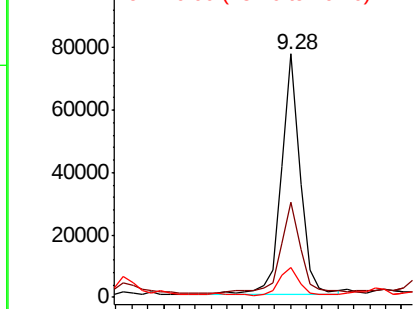


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#49
Acenaphthylene
Concen: 3.337 ng m
RT: 9.73 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF117262.D
Acq: 26 Sep 2019 2:37

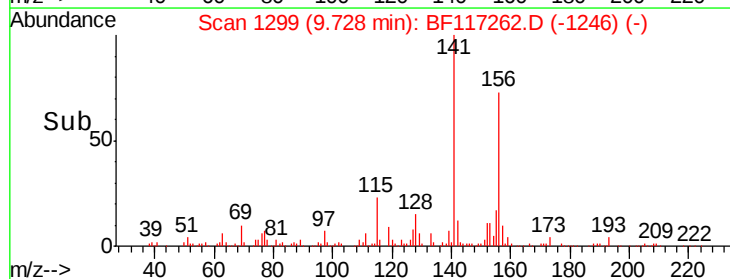
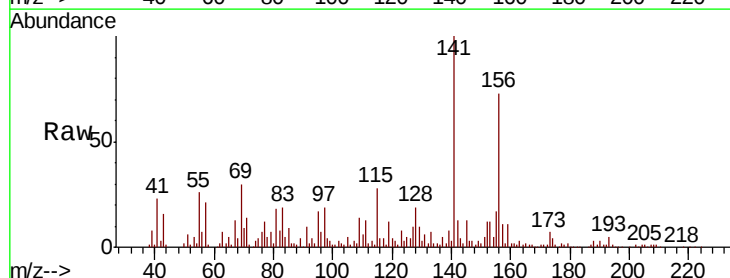
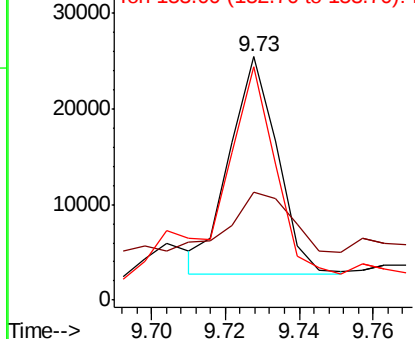
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	20455		
151	44.1	16.2	24.2#	
153	95.7	10.2	15.4#	

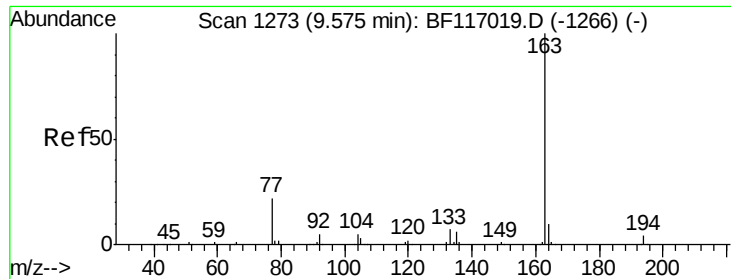
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#50

Dimethylphthalate

Concen: 5.228 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF117262.D

Acq: 26 Sep 2019 2:37

Instrument :

BNA_F

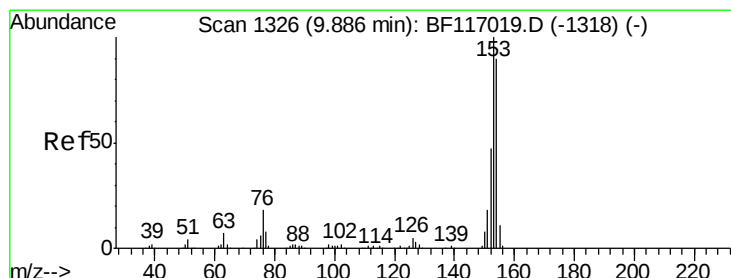
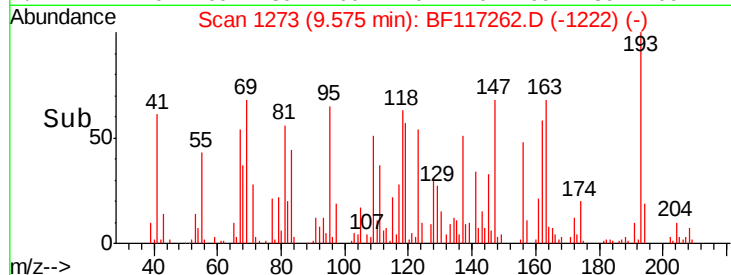
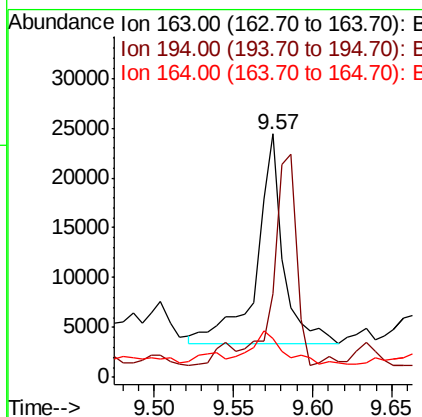
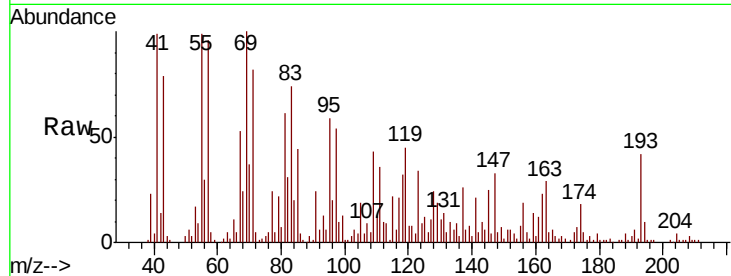
ClientSampled :

SB-3DL

Tot Ion:	163	Resp:	24466
Ion Ratio	Lower	Upper	
163	100		
194	34.5	2.9	4.3#
164	16.0	8.2	12.4#

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#52

Acenaphthene

Concen: 11.380 ng

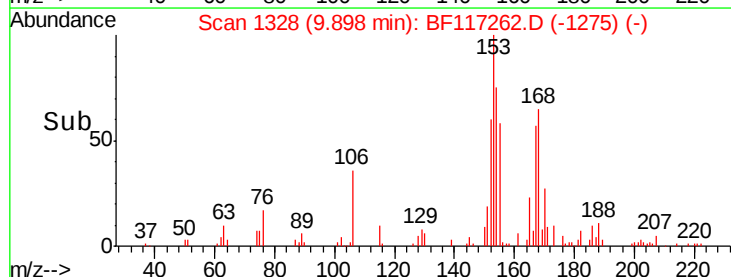
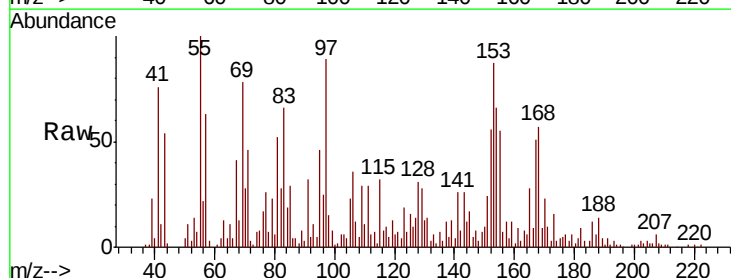
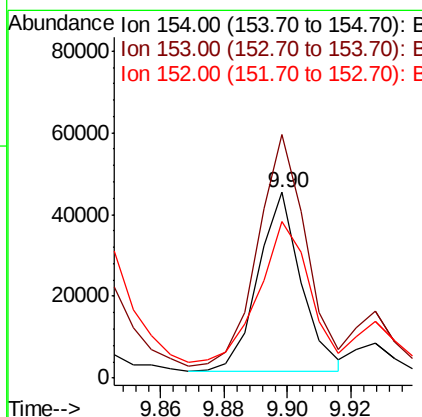
RT: 9.90 min Scan# 1328

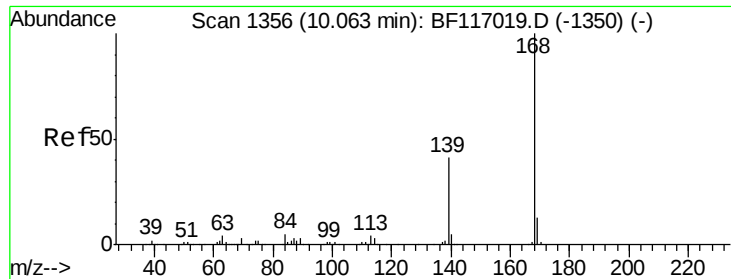
Delta R.T. 0.01 min

Lab File: BF117262.D

Acq: 26 Sep 2019 2:37

Tgt Ion:	154	Resp:	41350
Ion Ratio	Lower	Upper	
154	100		
153	131.3	89.0	133.6
152	84.7	41.9	62.9#





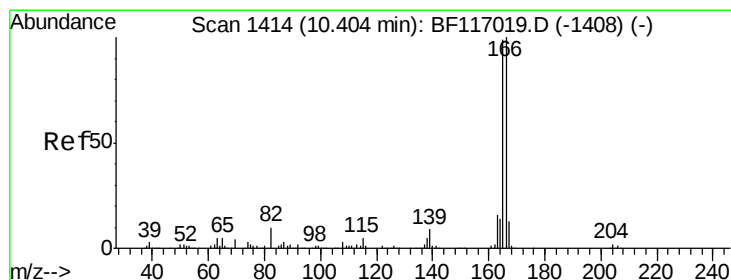
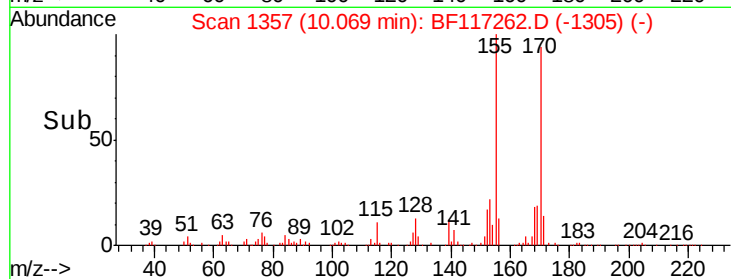
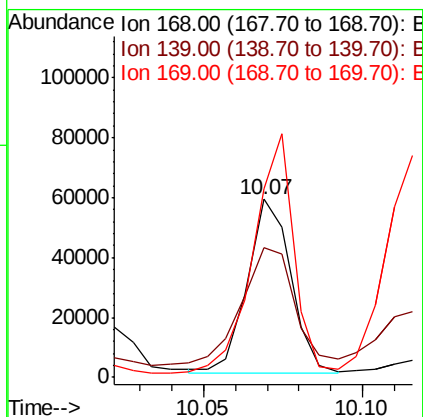
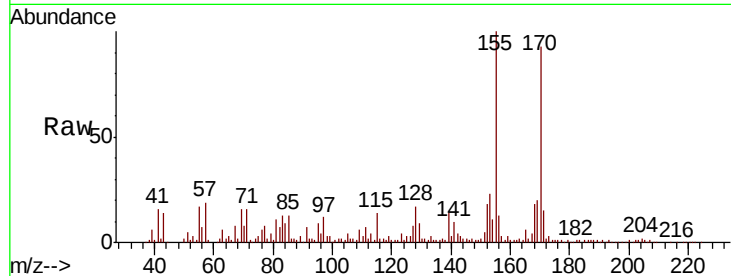
#55
Dibenzenofuran
Concen: 10.456 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF117262.D
Acq: 26 Sep 2019 2:37

Instrument :
BNA_F
ClientSampled :
SB-3DL

Tot Ion	Ratio	Lower	Upper
168	100		
139	73.2	32.8	49.2#
169	105.9	10.5	15.7#

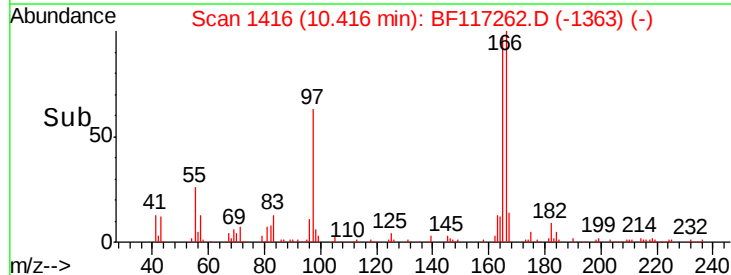
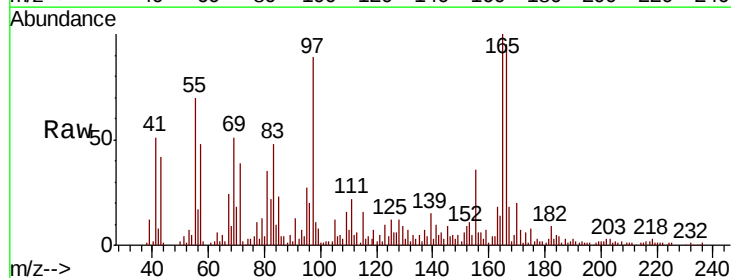
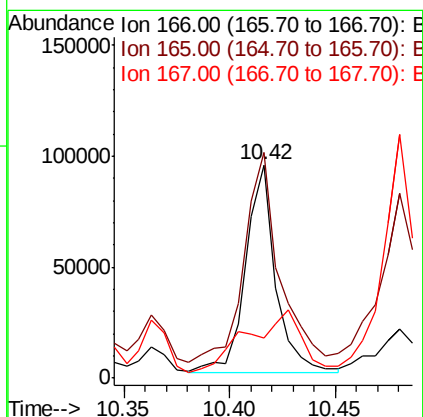
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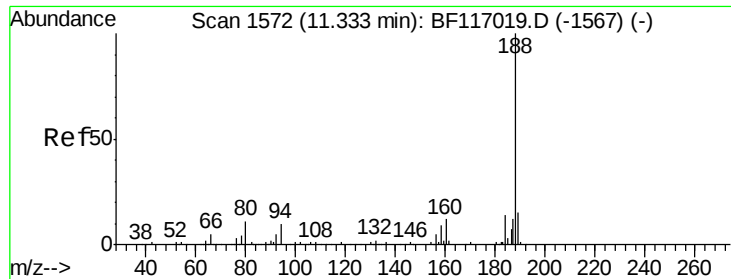
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#58
Fluorene
Concen: 21.431 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF117262.D
Acq: 26 Sep 2019 2:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	105.8	78.9	118.3
167	18.8	10.6	15.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.02 min

Lab File: BF117262.D

Acq: 26 Sep 2019 2:37

Instrument :

BNA_F

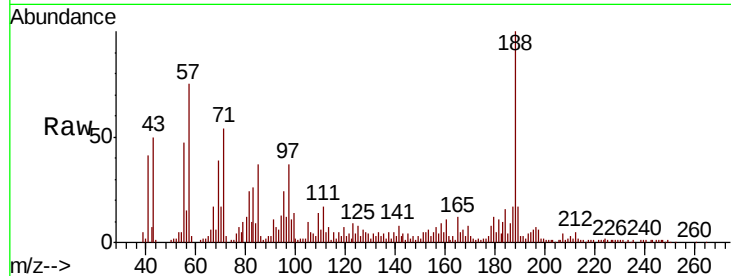
ClientSampleId :

SB-3DL

Tot Ion:	188	Resp:	84862
Ion Ratio	Lower	Upper	
188	100		
94	13.0	8.2	12.2#
80	12.0	9.0	13.6

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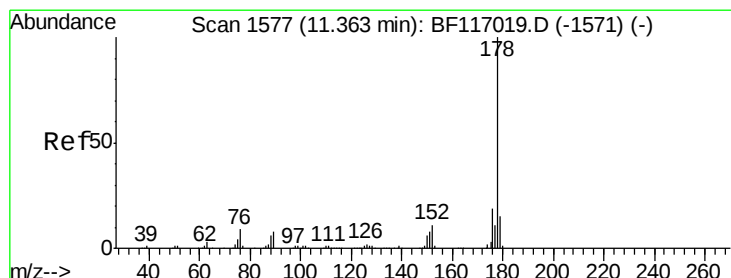
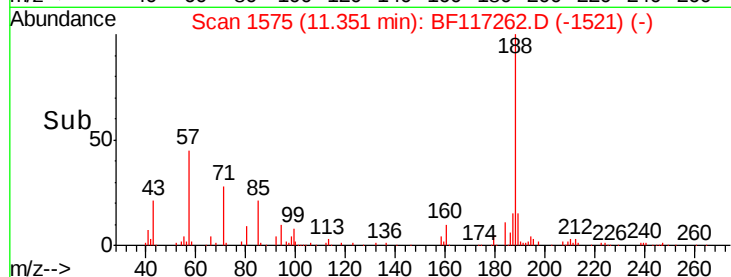
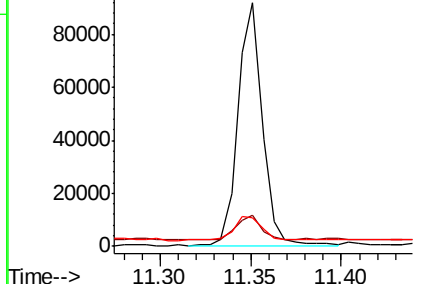
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#71

Phenanthrene

Concen: 53.159 ng

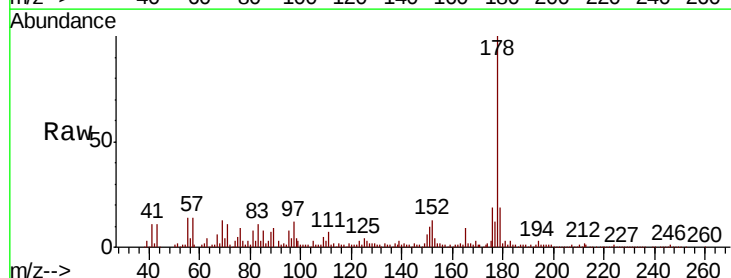
RT: 11.37 min Scan# 1579

Delta R.T. 0.01 min

Lab File: BF117262.D

Acq: 26 Sep 2019 2:37

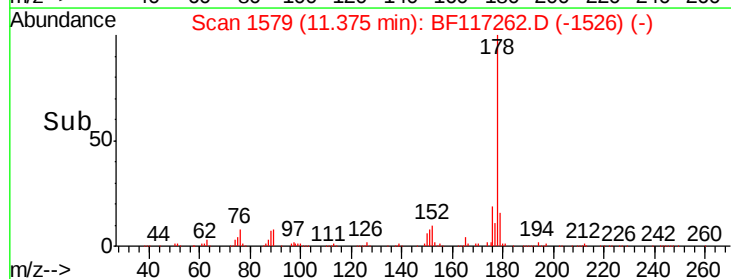
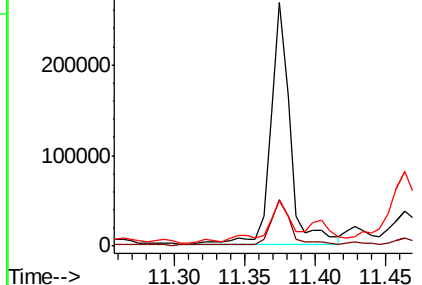
Tgt Ion:	178	Resp:	256234
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.4	23.2
179	18.7	12.4	18.6#

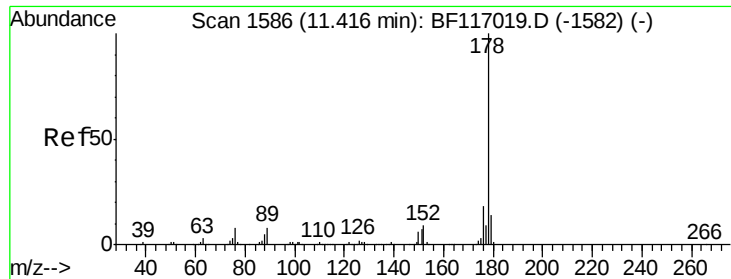


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 4.023 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF117262.D

Acq: 26 Sep 2019 2:37

Instrument :

BNA_F

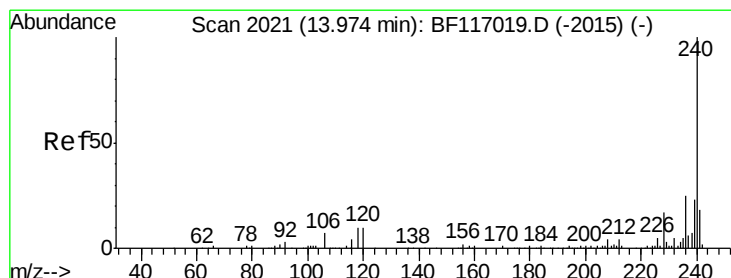
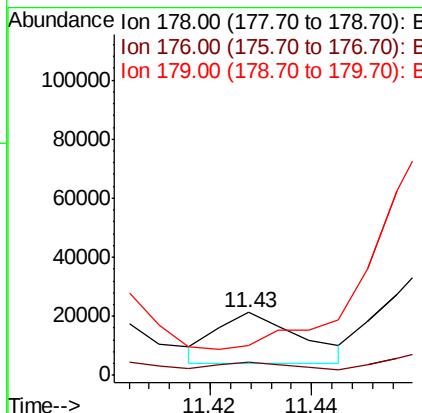
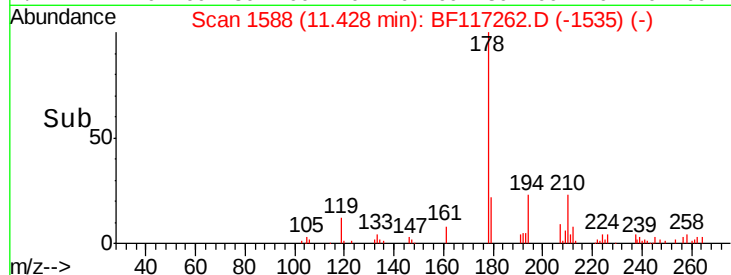
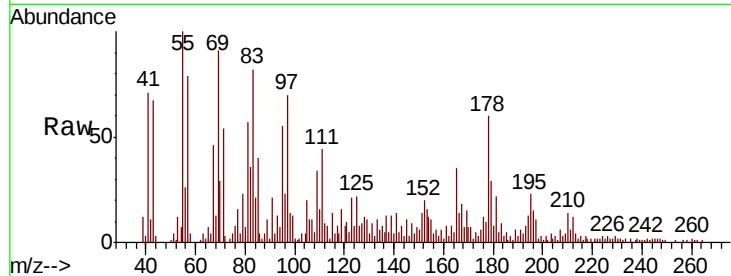
ClientSampled :

SB-3DL

Tot Ion:	178	Resp:	19799
Ion Ratio	Lower	Upper	
178	100		
176	20.8	14.6	21.8
179	48.3	11.6	17.4#

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#76

Chrysene-d12

Concen: 20.000 ng

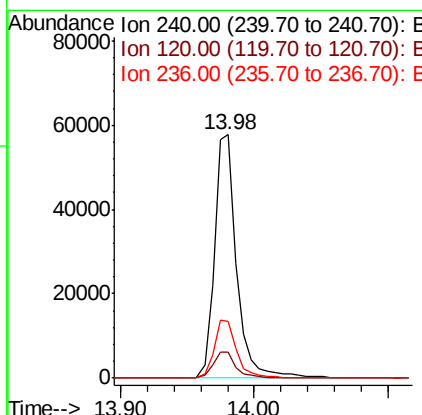
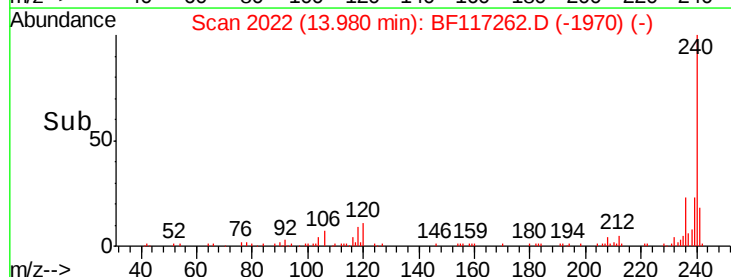
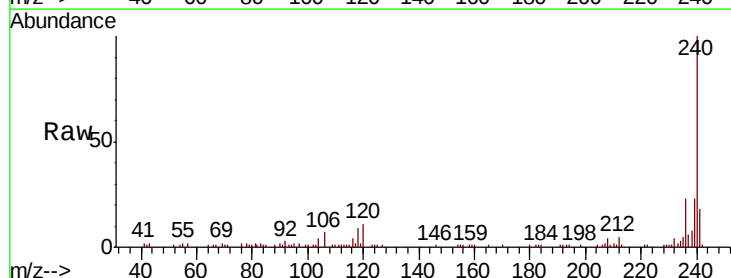
RT: 13.98 min Scan# 2022

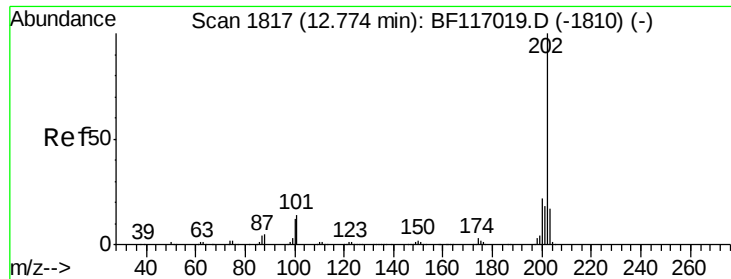
Delta R.T. 0.01 min

Lab File: BF117262.D

Acq: 26 Sep 2019 2:37

Tgt Ion:	240	Resp:	66919
Ion Ratio	Lower	Upper	
240	100		
120	10.7	8.3	12.5
236	23.5	20.3	30.5





#78

Pvrene

Concen: 3.025 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF117262.D

Acq: 26 Sep 2019 2:37

Instrument :

BNA_F

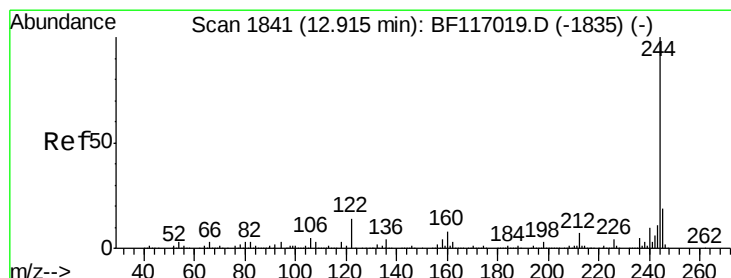
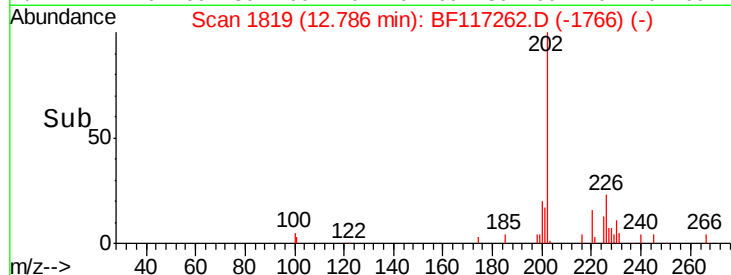
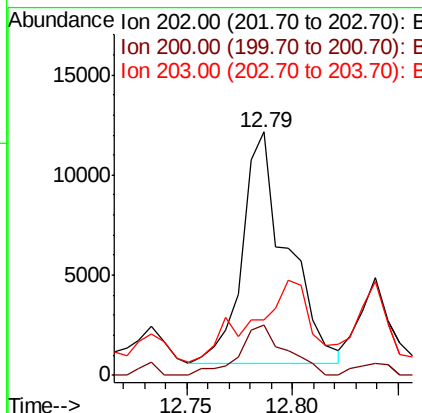
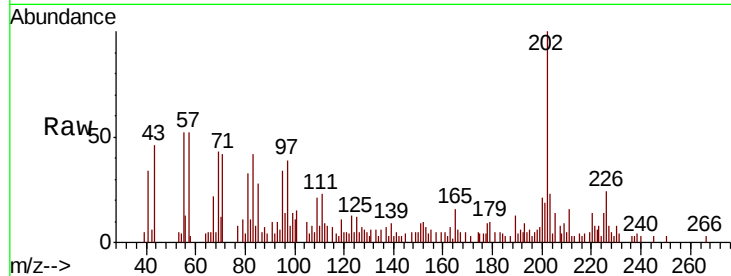
ClientSampleId :

SB-3DL

Tot Ion:	202	Resp:	16984
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.2	25.8
203	22.8	14.0	21.0#

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#79

Terphenyl-d14

Concen: 29.322 ng

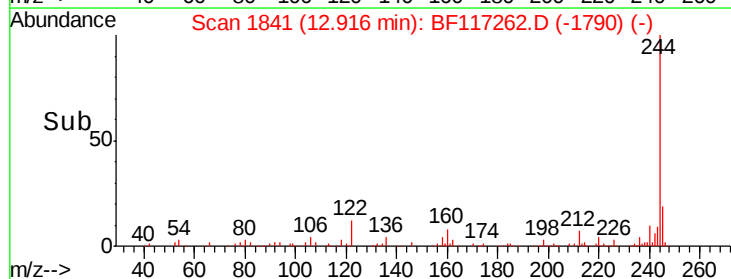
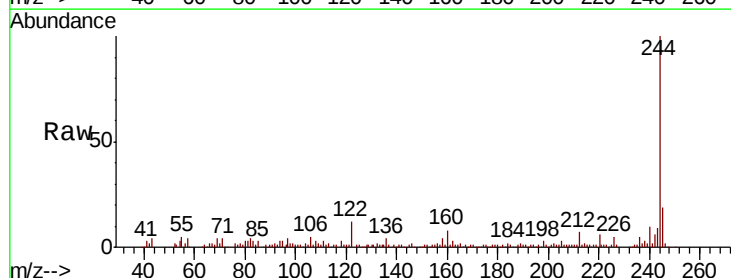
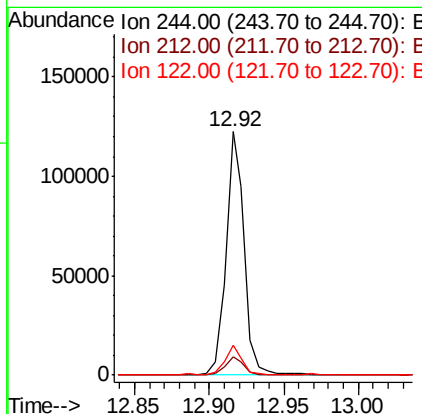
RT: 12.92 min Scan# 1841

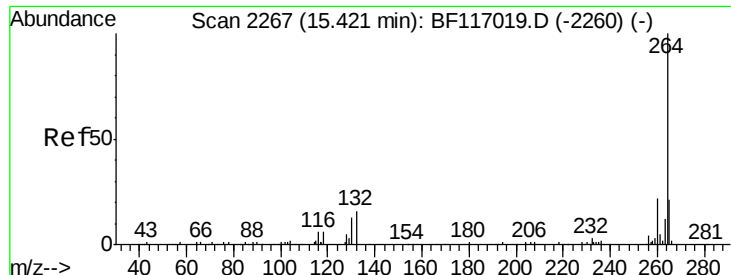
Delta R.T. 0.00 min

Lab File: BF117262.D

Acq: 26 Sep 2019 2:37

Tgt Ion:	244	Resp:	104975
Ion Ratio	Lower	Upper	
244	100		
212	7.5	5.8	8.8
122	12.5	11.3	16.9





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117262.D
Acq: 26 Sep 2019 2:37

Instrument :
BNA_F
ClientSampleId :
SB-3DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.6	26.4
265	20.4	16.6	24.8

Manual Integrations
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