

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
 Data File : BF118006.D
 Acq On : 26 Nov 2019 14:49
 Operator : JU
 Sample : K5999-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDLEWILD-BH-03A

Manual Integrations
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 11/27/2019 11:33:32 PM

Quant Time: Nov 26 15:25:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	130518	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	547318	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	206724	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	328174	20.00	ng	0.00
76) Chrysene-d12	14.09	240	296551	20.00	ng	0.00
87) Perylene-d12	15.60	264	251603	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	707306	95.93	ng	0.01
7) Phenol-d6	6.52	99	789372	88.76	ng	0.00
23) Nitrobenzene-d5	7.46	82	538500	58.49	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	172770	78.94	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	809658	70.27	ng	0.00
79) Terphenyl-d14	13.03	244	818246	50.43	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.65	163	128595	8.871	ng	98
71) Phenanthrene	11.46	178	54337	3.293	ng	98
75) Fluoranthene	12.66	202	172596	4.758	ng	98
78) Pyrene	12.89	202	161989	6.759	ng	99
81) Benzo(a)anthracene	14.08	228	110283	5.628	ng	94
83) Chrysene	14.12	228	104566m	5.507	ng	
84) Bis(2-ethylhexyl)phthalate	14.06	149	81704	6.547	ng	96
86) Indeno(1,2,3-cd)pyrene	17.13	276	55410	3.429	ng	96
88) Benzo(b)fluoranthene	15.15	252	141374m	8.648	ng	
89) Benzo(k)fluoranthene	15.17	252	49741m	3.229	ng	
90) Benzo(a)pyrene	15.53	252	86550	6.021	ng	# 91
92) Benzo(a,h,i)perylene	17.59	276	40364	3.275	ng	95

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

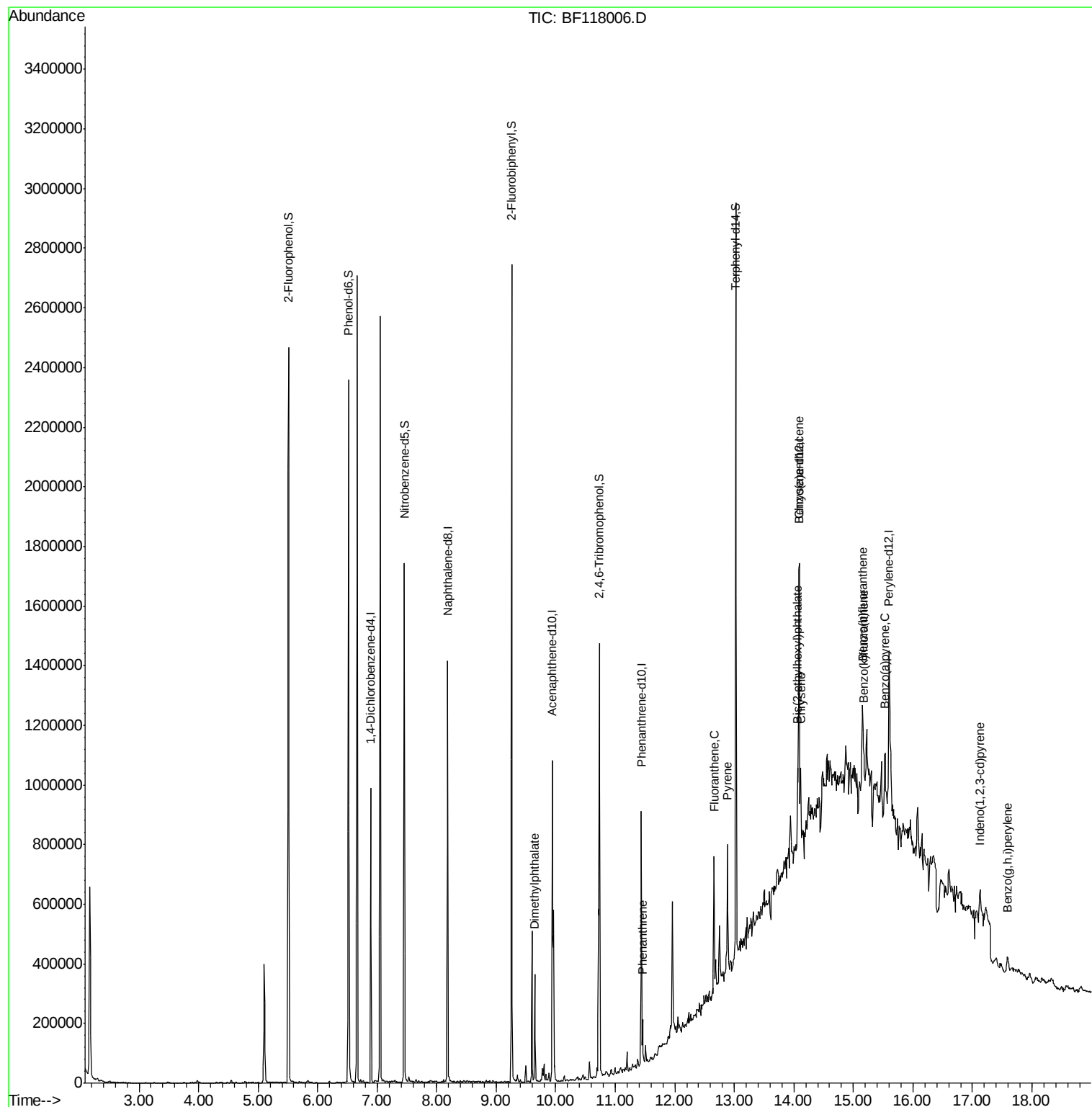
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
Data File : BF118006.D
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Sample : K5999-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

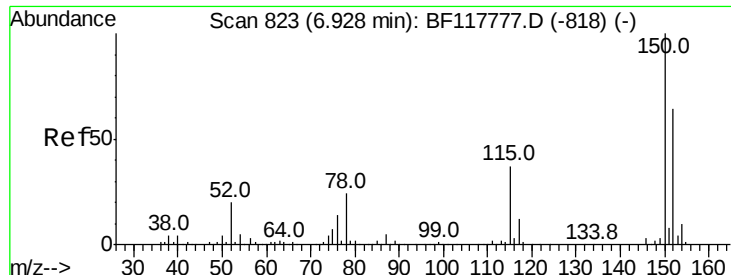
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
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#1

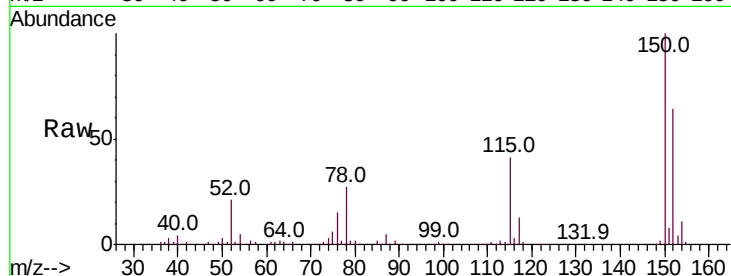
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF118006.D
Acq: 26 Nov 2019 14:49

Instrument :
BNA_F
ClientSampleId :
IDLEWILD-BH-03A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.3	187.9
115	63.5	47.0	70.4

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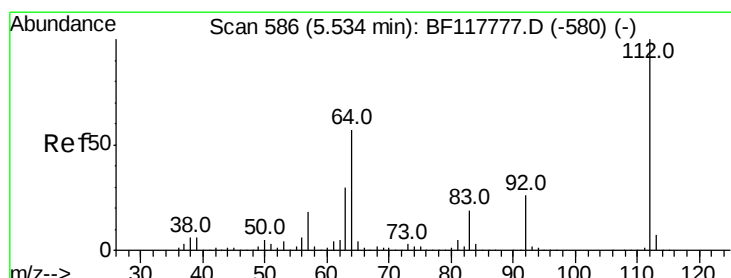
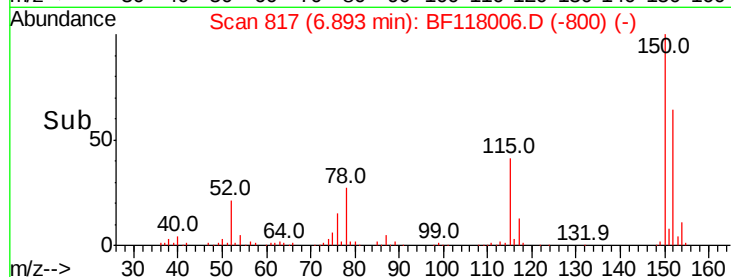
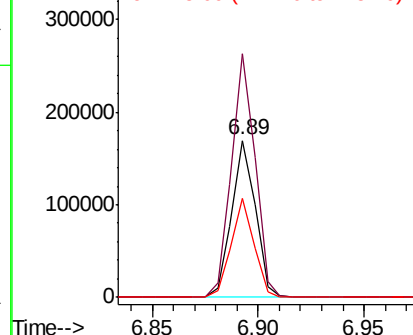


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

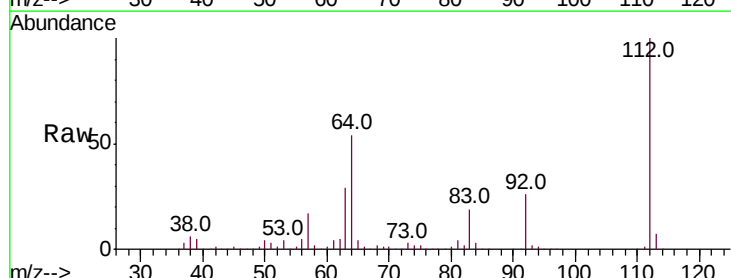
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 95.926 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF118006.D
Acq: 26 Nov 2019 14:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	45.6	68.4
63	28.8	24.1	36.1

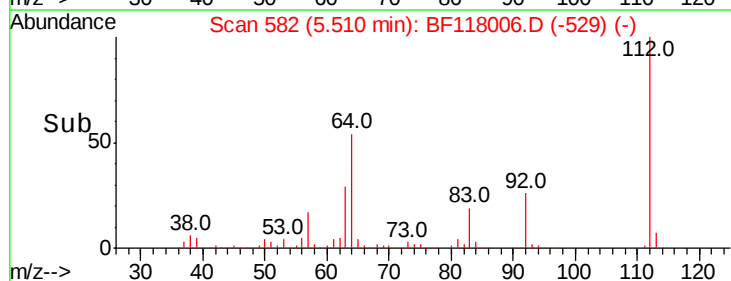
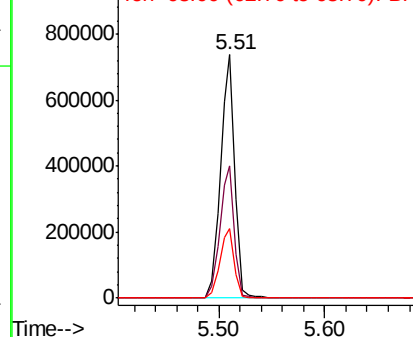


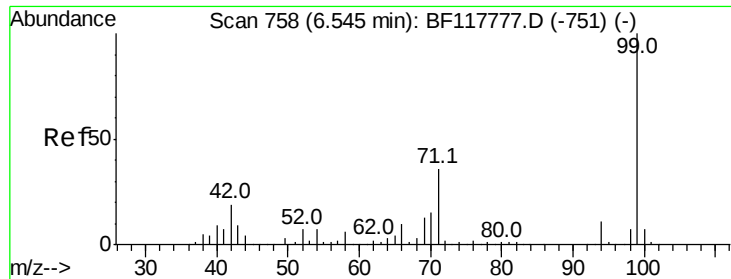
Abundance

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





#7

Phenol-d6

Concen: 88.758 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF118006.D

Acq: 26 Nov 2019 14:49

Instrument :

BNA_F

ClientSampleId :

IDLEWILD-BH-03A

Tot Ion: 99 Resp: 789372

Ion Ratio Lower Upper

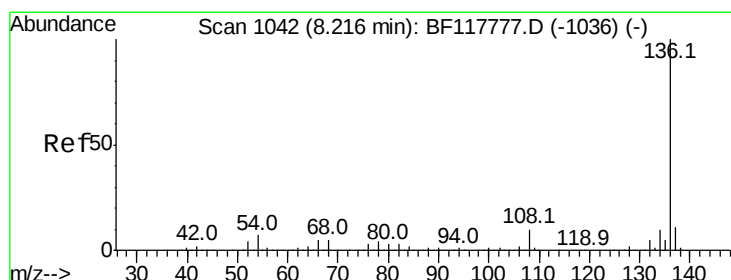
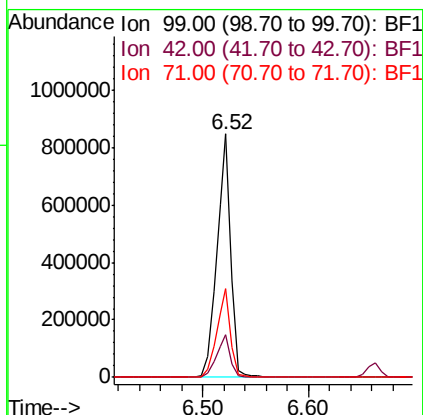
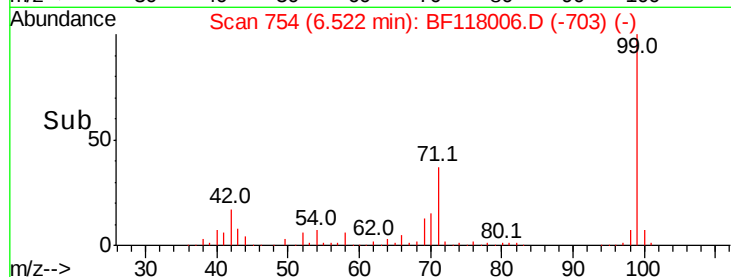
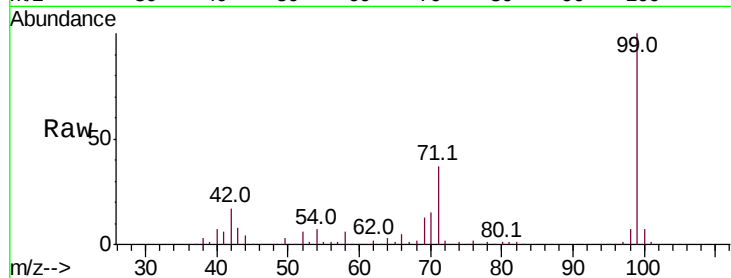
99 100

42 17.5 14.9 22.3

71 36.6 28.6 43.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF118006.D

Acq: 26 Nov 2019 14:49

Tgt Ion: 136 Resp: 547318

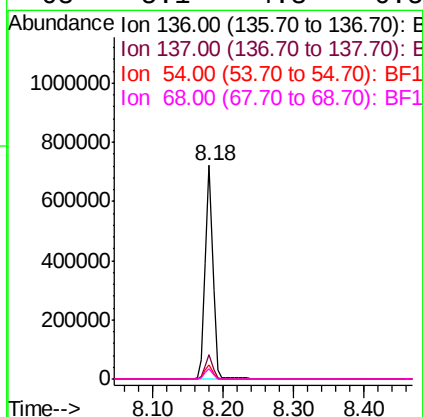
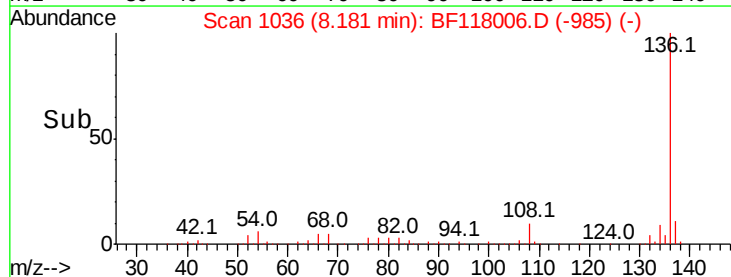
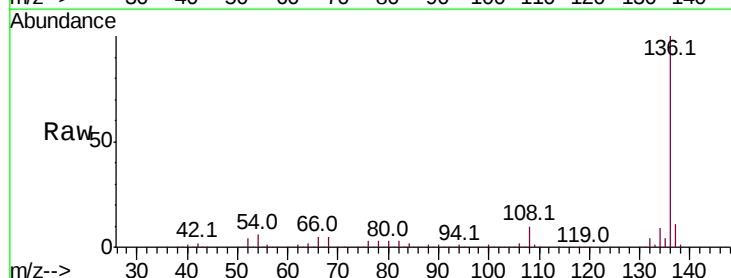
Ion Ratio Lower Upper

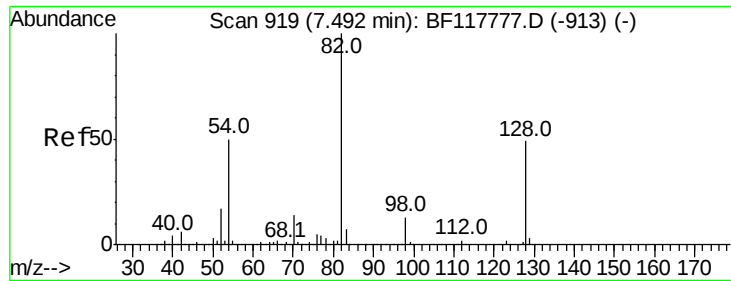
136 100

137 11.4 9.0 13.4

54 6.4 5.4 8.2

68 5.1 4.3 6.5





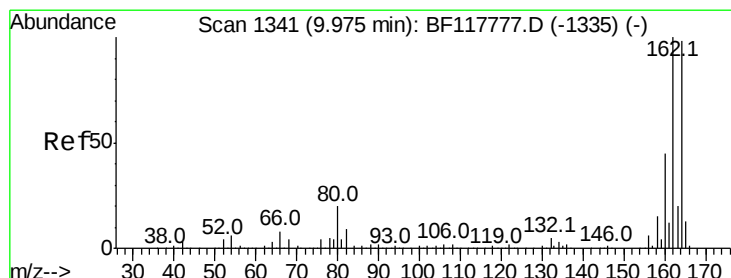
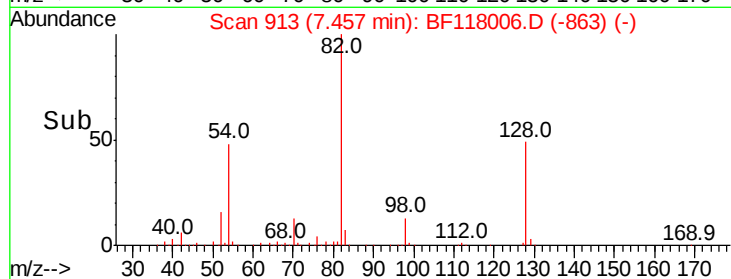
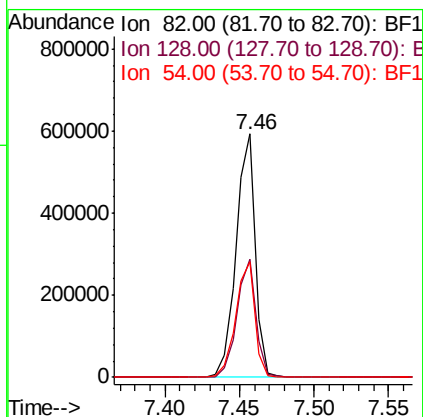
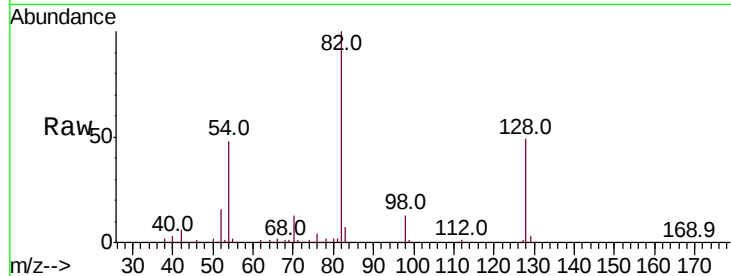
#23
Nitrobenzene-d5
Concen: 58.488 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF118006.D
Acq: 26 Nov 2019 14:49

Instrument :
BNA_F
ClientSampleId :
IDLEWILD-BH-03A

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.8	38.9	58.3
54	47.6	39.8	59.6

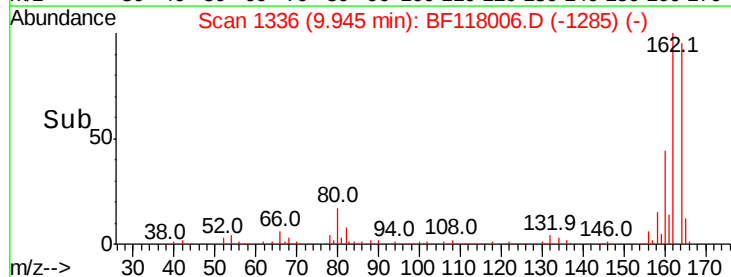
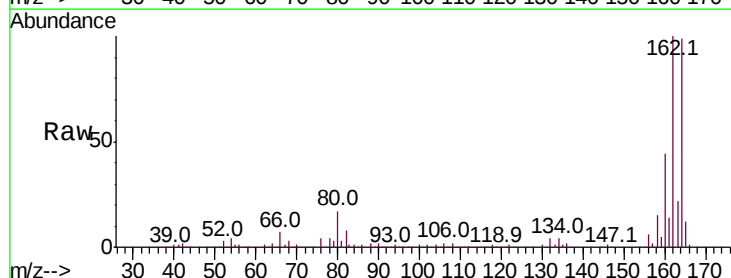
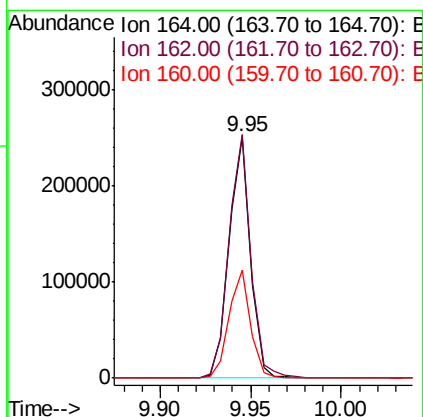
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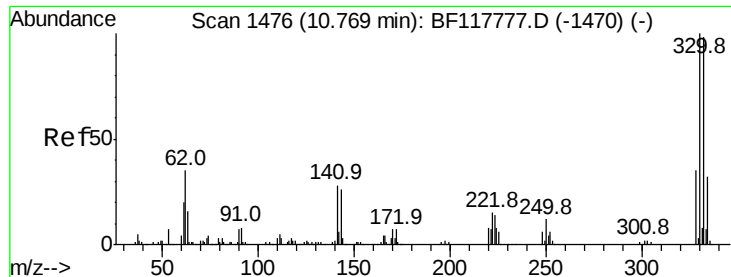
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF118006.D
Acq: 26 Nov 2019 14:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.3	121.9
160	44.5	36.6	55.0





#42

2,4,6-Tribromophenol

Concen: 78.942 ng

RT: 10.73 min Scan# 1470

Delta R.T. -0.01 min

Lab File: BF118006.D

Acq: 26 Nov 2019 14:49

Instrument :

BNA_F

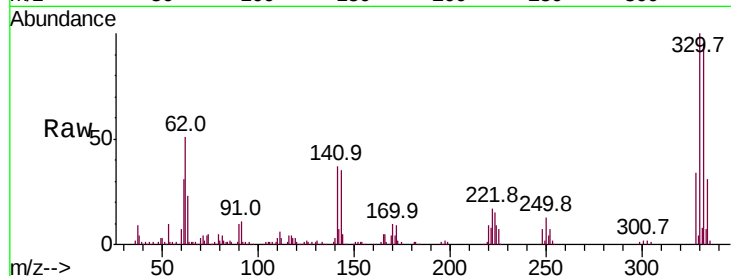
ClientSampleId :

IDLEWILD-BH-03A

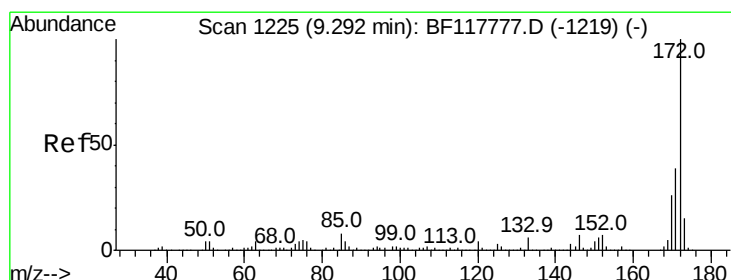
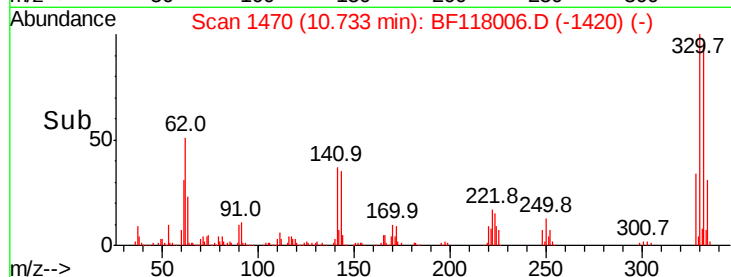
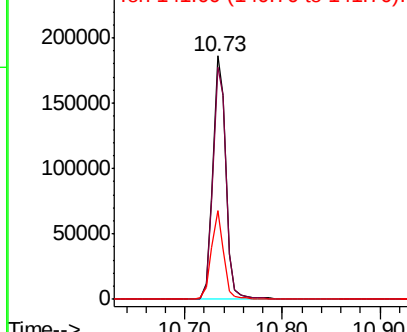
Tot Ion:	330	Resp:	172770
Ion Ratio	Lower	Upper	
330	100		
332	97.2	76.7	115.1
141	34.7	27.7	41.5

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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: 70.265 ng

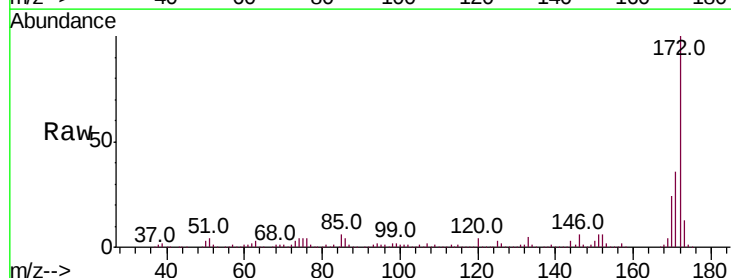
RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

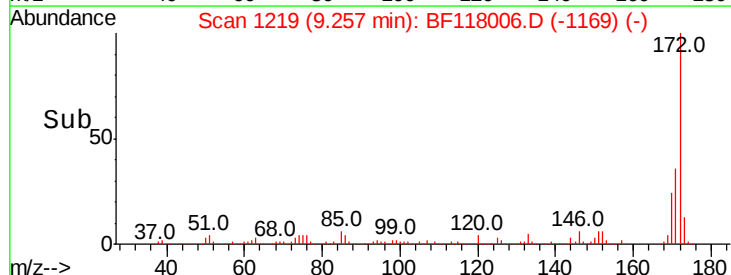
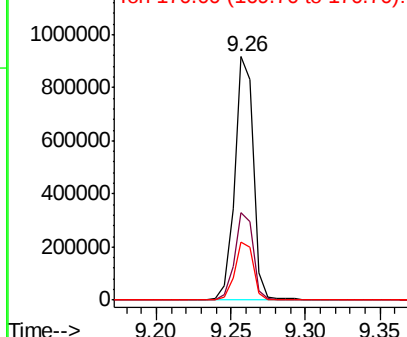
Lab File: BF118006.D

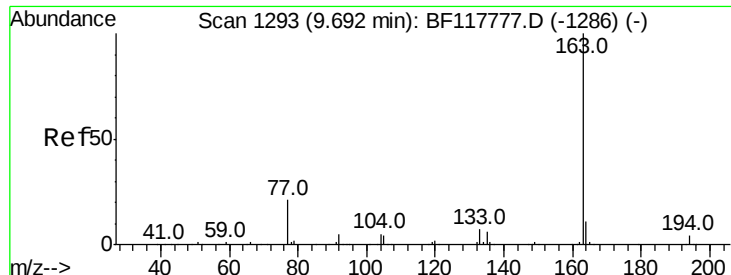
Acq: 26 Nov 2019 14:49

Tgt Ion:	172	Resp:	809658
Ion Ratio	Lower	Upper	
172	100		
171	35.7	30.9	46.3
170	23.8	21.0	31.4



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





#50

Dimethylphthalate

Concen: 8.871 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BF118006.D

Acq: 26 Nov 2019 14:49

Instrument :

BNA_F

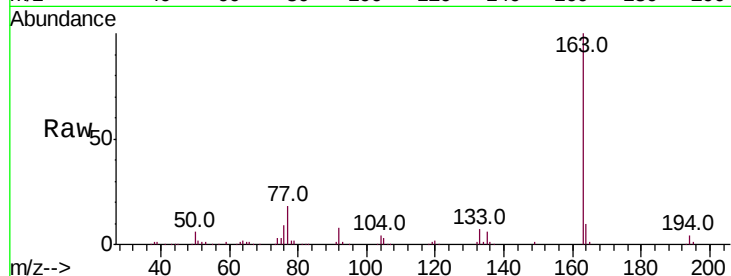
ClientSampleId :

IDLEWILD-BH-03A

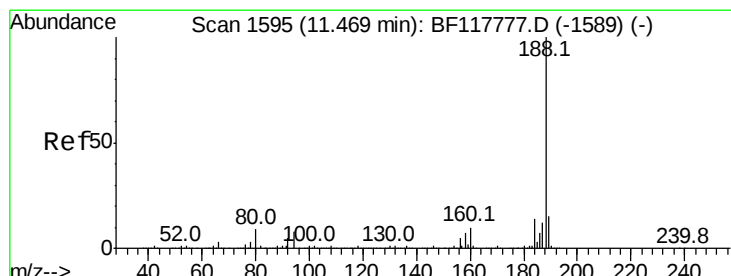
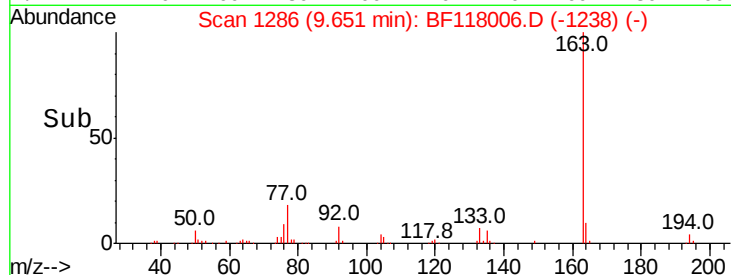
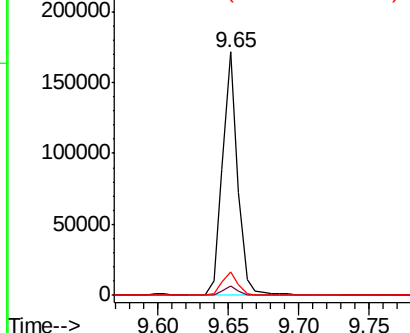
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	9.7	8.7	13.1

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1589

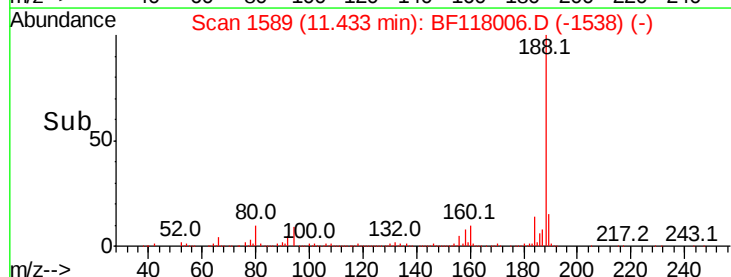
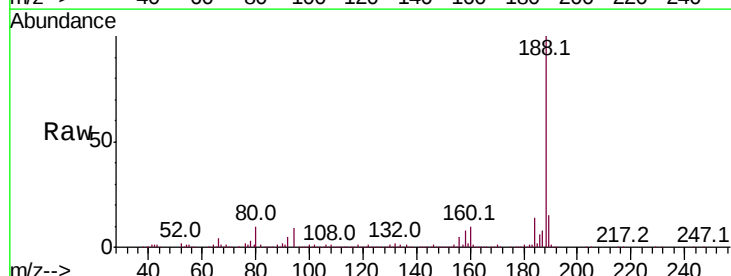
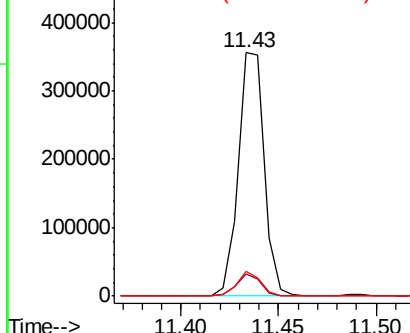
Delta R.T. 0.00 min

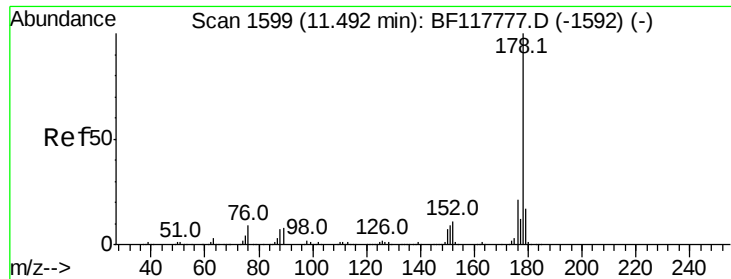
Lab File: BF118006.D

Acq: 26 Nov 2019 14:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	6.6	10.0
80	10.2	7.2	10.8

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: 3.293 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF118006.D

Acq: 26 Nov 2019 14:49

Instrument :

BNA_F

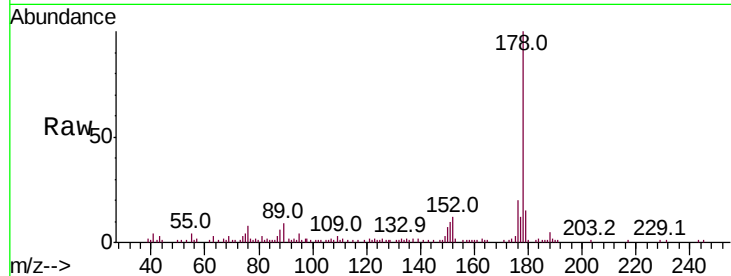
ClientSampleId :

IDLEWILD-BH-03A

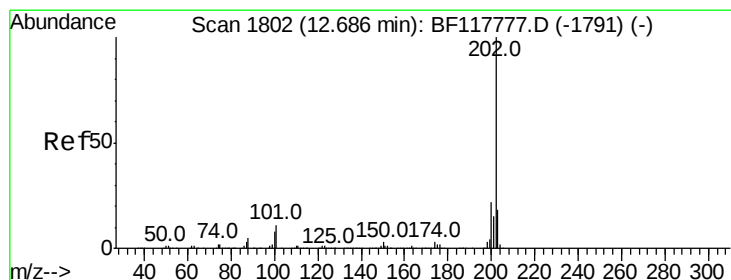
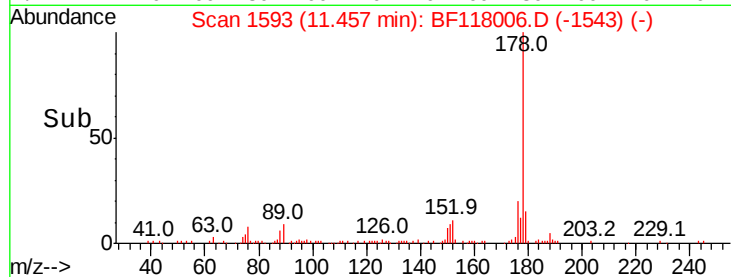
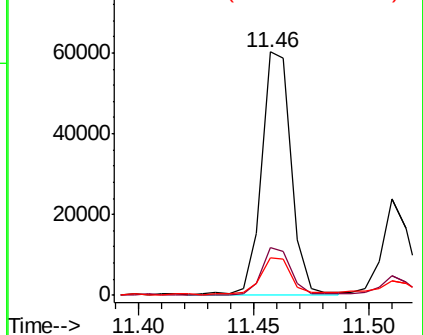
Tot Ion:	178	Resp:	54337
Ion Ratio	Lower	Upper	
178	100		
176	19.9	16.6	25.0
179	15.5	13.2	19.8

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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



#75

Fluoranthene

Concen: 4.758 ng

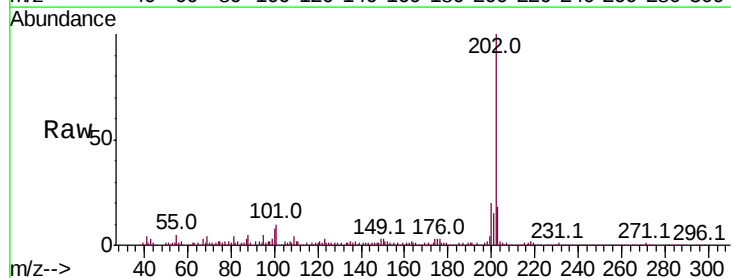
RT: 12.66 min Scan# 1797

Delta R.T. 0.01 min

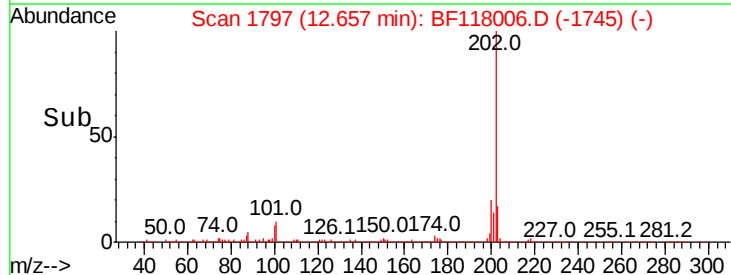
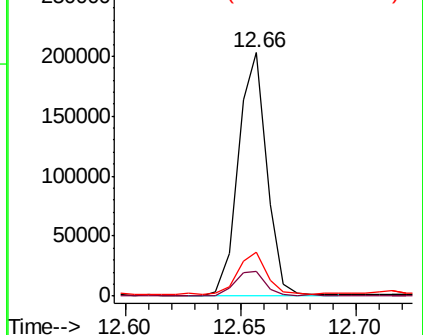
Lab File: BF118006.D

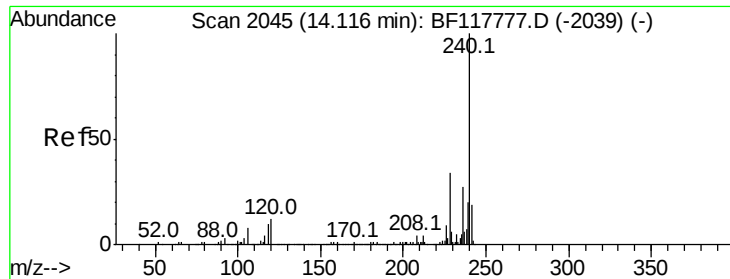
Acq: 26 Nov 2019 14:49

Tgt Ion:	202	Resp:	172596
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	31.1
203	17.9	0.0	38.2



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





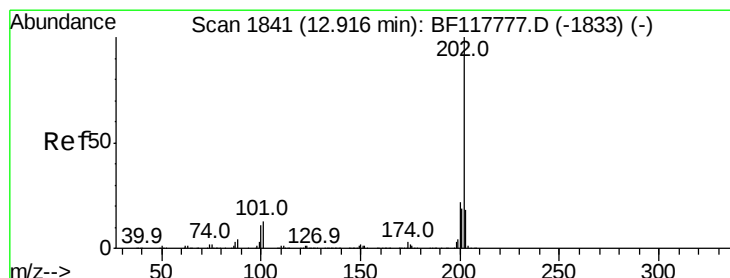
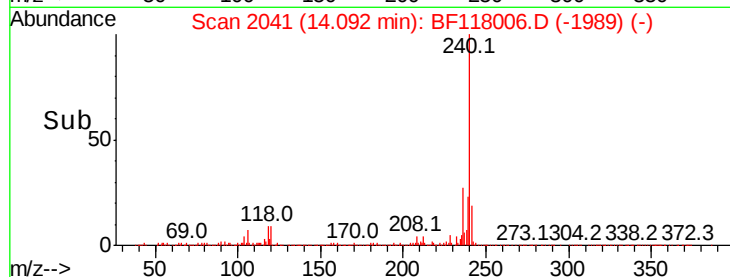
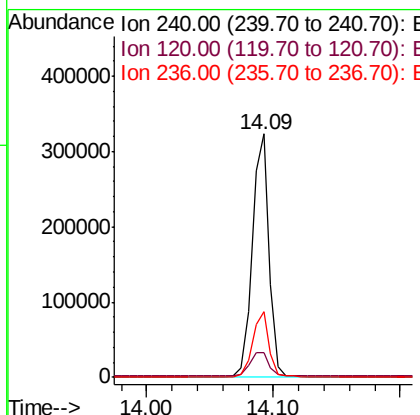
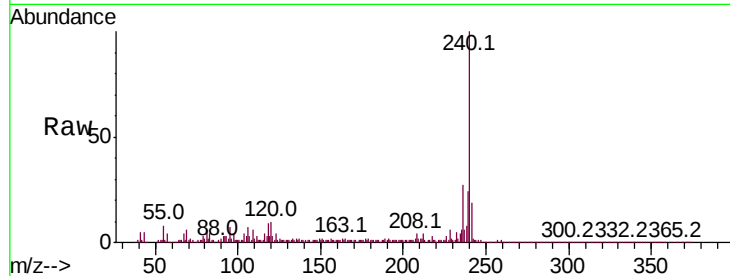
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.01 min
Lab File: BF118006.D
Acq: 26 Nov 2019 14:49

Instrument :
BNA_F
ClientSampleId :
IDLEWILD-BH-03A

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	10.2	9.5	14.3
236	26.7	21.3	31.9

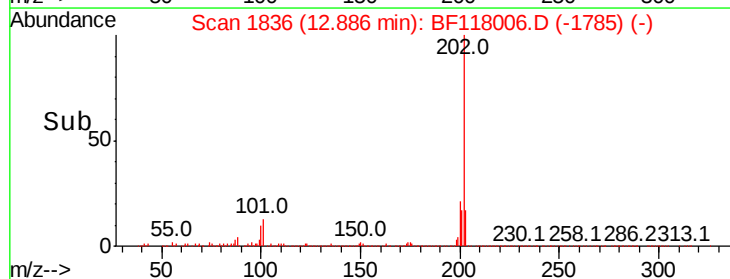
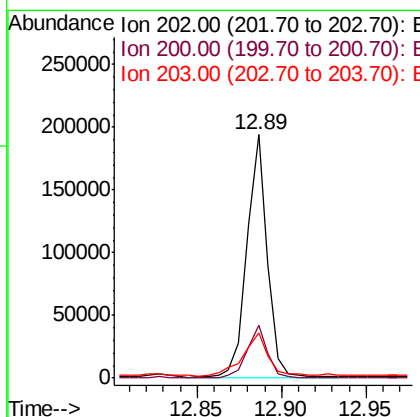
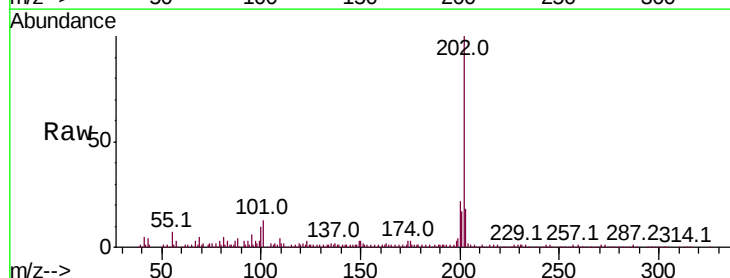
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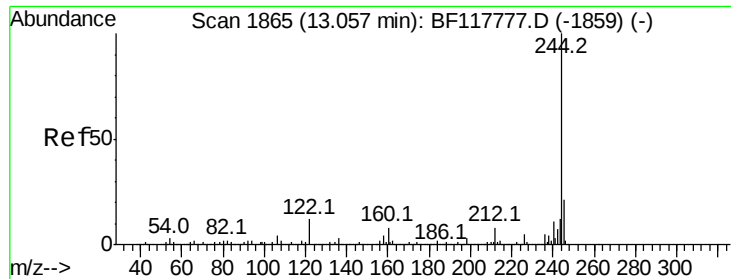
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#78
Pyrene
Concen: 6.759 ng
RT: 12.89 min Scan# 1836
Delta R.T. 0.00 min
Lab File: BF118006.D
Acq: 26 Nov 2019 14:49

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	21.6	17.8	26.8
203	18.4	14.6	22.0





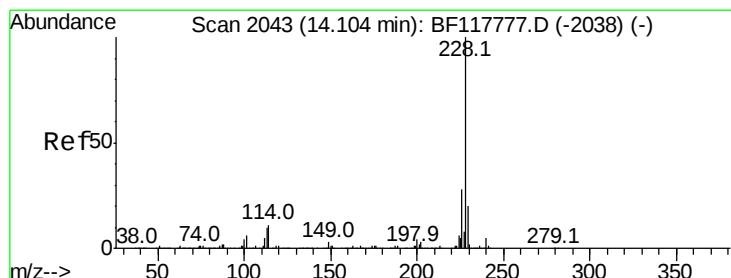
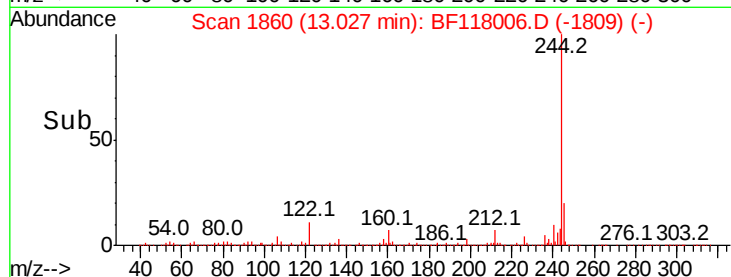
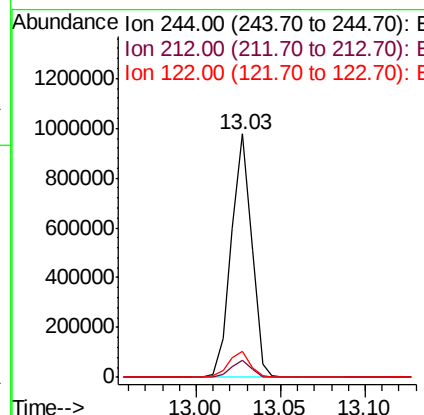
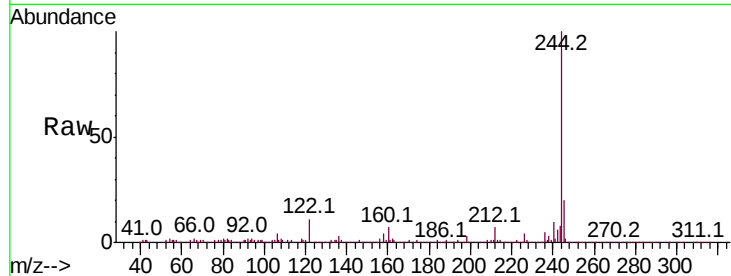
#79
 Terphenyl-d14
 Concen: 50.428 ng
 RT: 13.03 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: BF118006.D
 Acq: 26 Nov 2019 14:49

Instrument :
 BNA_F
 ClientSampleId :
 IDLEWILD-BH-03A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.3	9.5
122	10.8	9.4	14.2

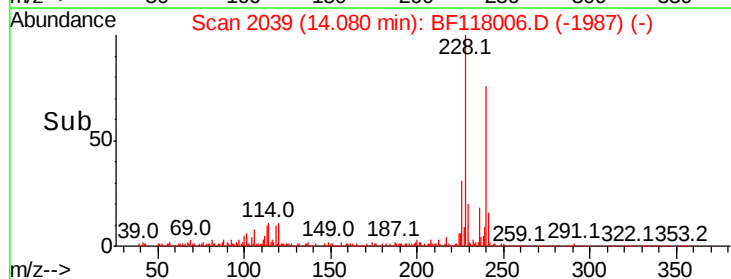
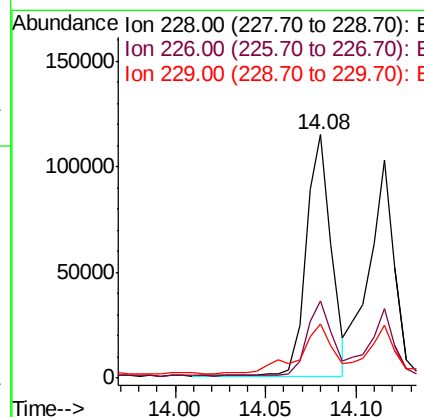
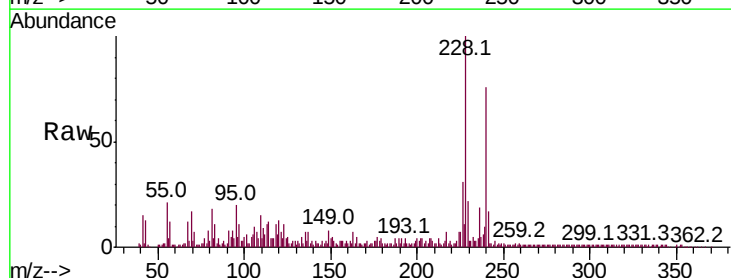
Manual Integrations
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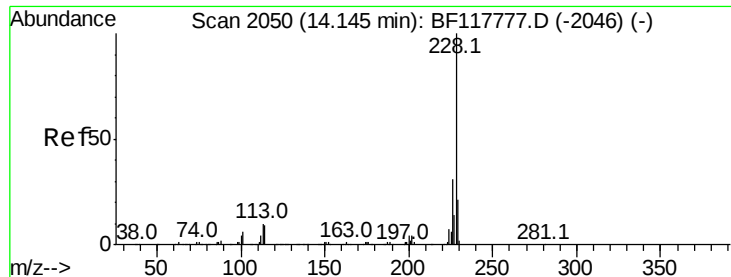
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#81
 Benzo(a)anthracene
 Concen: 5.628 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.01 min
 Lab File: BF118006.D
 Acq: 26 Nov 2019 14:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.2	33.2
229	22.2	15.9	23.9





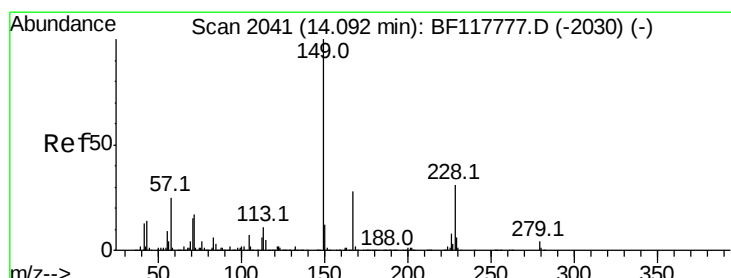
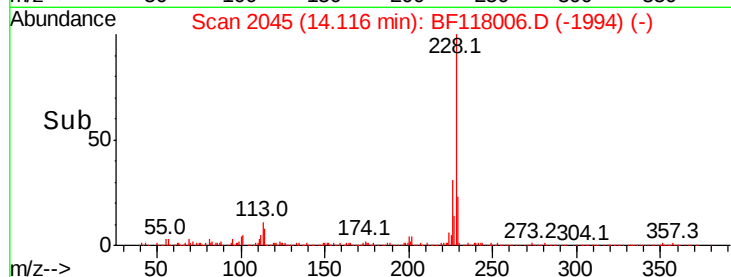
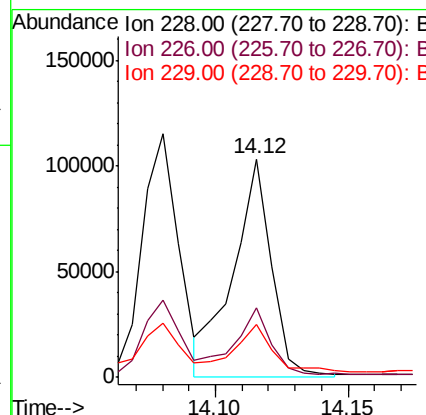
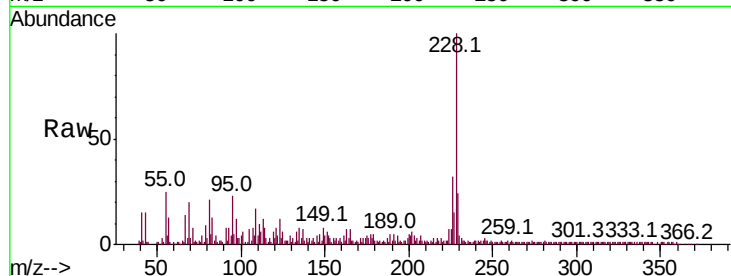
#83
Chrysene
Concen: 5.507 ng m
RT: 14.12 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BF118006.D
Acq: 26 Nov 2019 14:49

Instrument :
BNA_F
ClientSampleId :
IDLEWILD-BH-03A

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.4
229	24.5	16.6	25.0

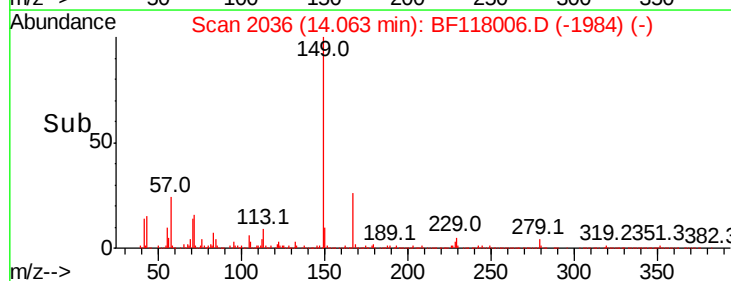
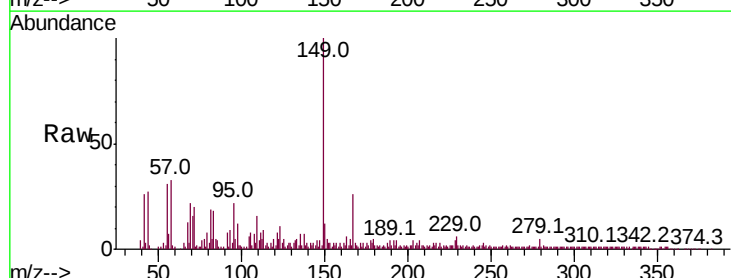
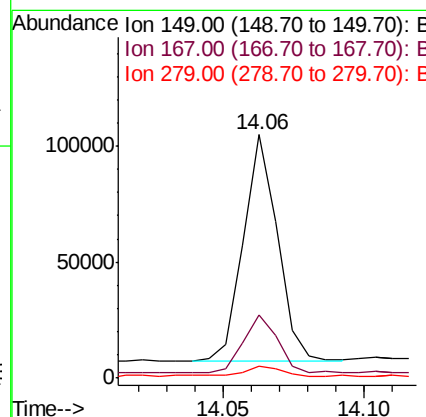
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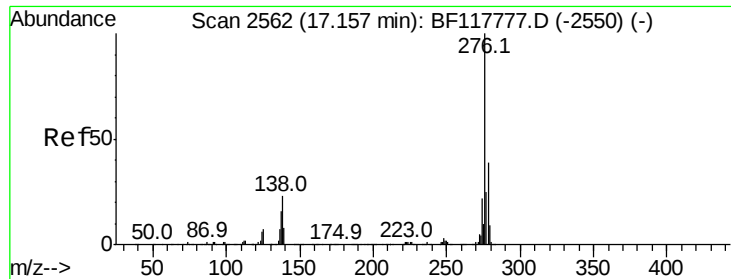
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#84
Bis(2-ethylhexyl)phthalate
Concen: 6.547 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF118006.D
Acq: 26 Nov 2019 14:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.7	22.2	33.2
279	4.9	3.4	5.2





#86

Indeno(1,2,3-cd)pyrene

Concen: 3.429 ng

RT: 17.13 min Scan# 2557

Delta R.T. 0.03 min

Lab File: BF118006.D

Acq: 26 Nov 2019 14:49

Instrument :

BNA_F

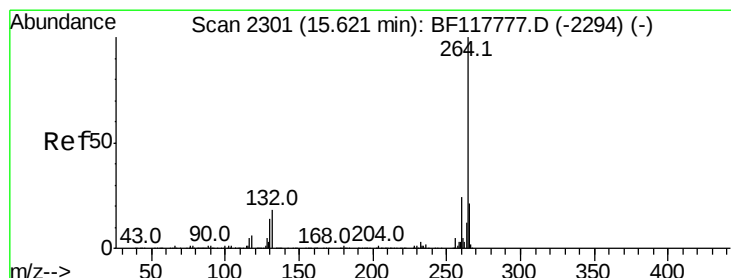
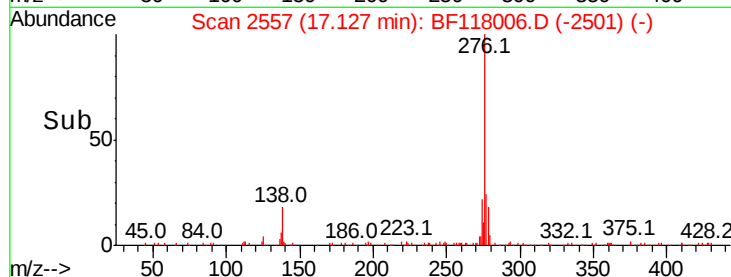
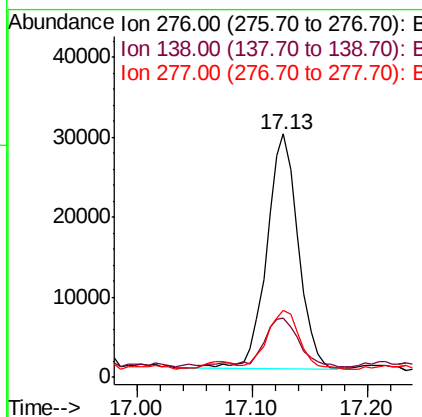
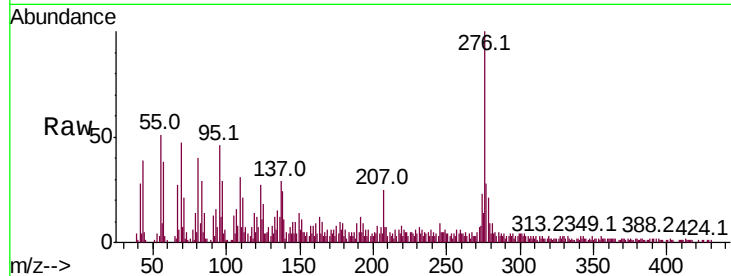
ClientSampleId :

IDLEWILD-BH-03A

Tot Ion:	276	Resp:	55410
Ion Ratio	Lower	Upper	
276	100		
138	22.8	20.9	31.3
277	26.2	20.3	30.5

Manual Integrations
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#87

Perylene-d12

Concen: 20.000 ng

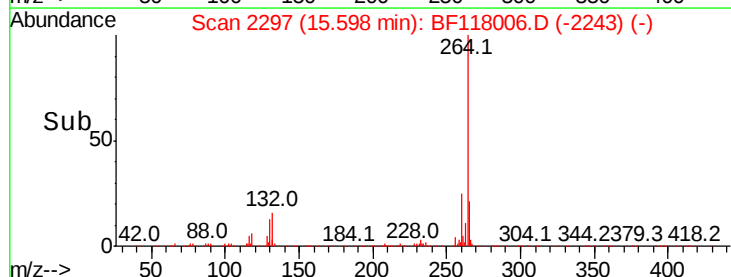
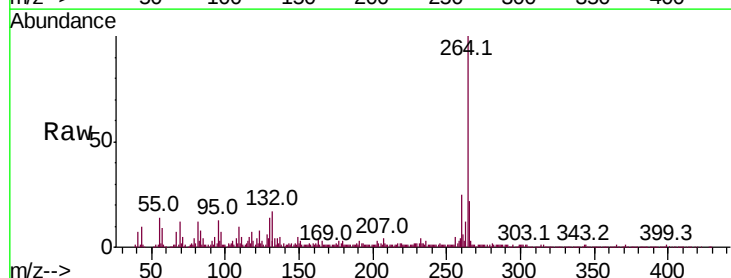
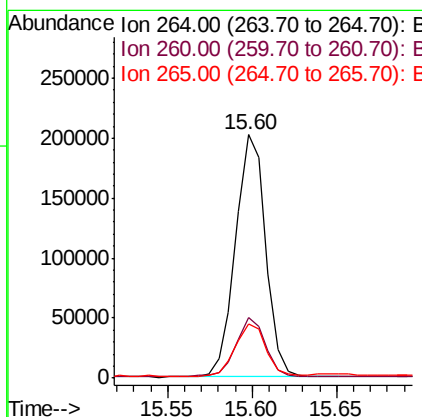
RT: 15.60 min Scan# 2297

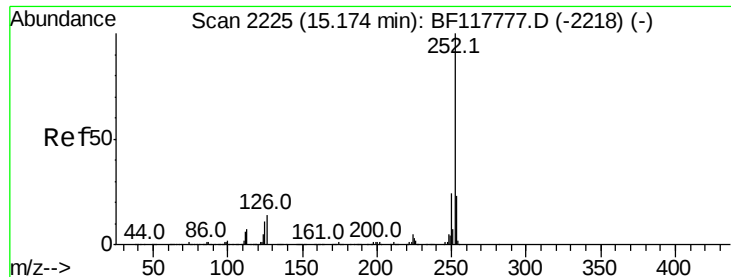
Delta R.T. 0.02 min

Lab File: BF118006.D

Acq: 26 Nov 2019 14:49

Tgt Ion:	264	Resp:	251603
Ion Ratio	Lower	Upper	
264	100		
260	25.1	19.4	29.0
265	22.1	17.1	25.7





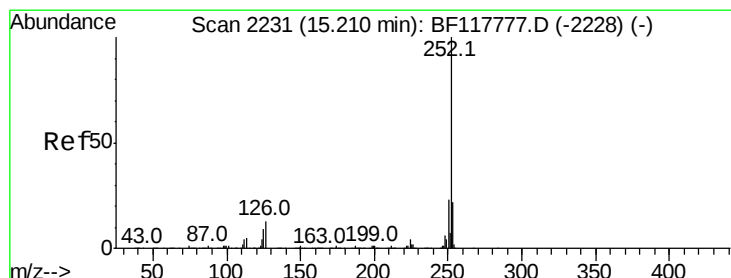
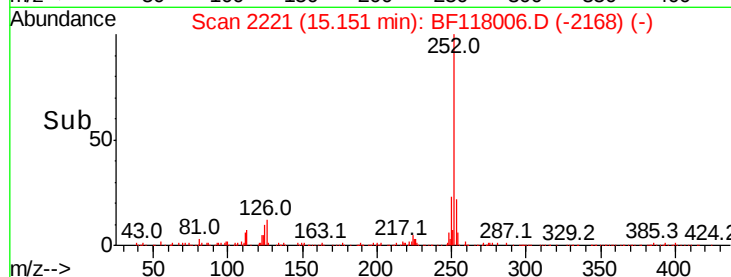
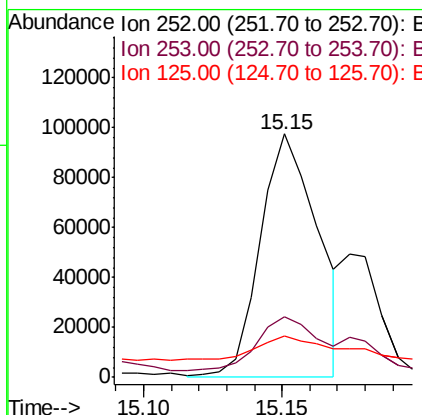
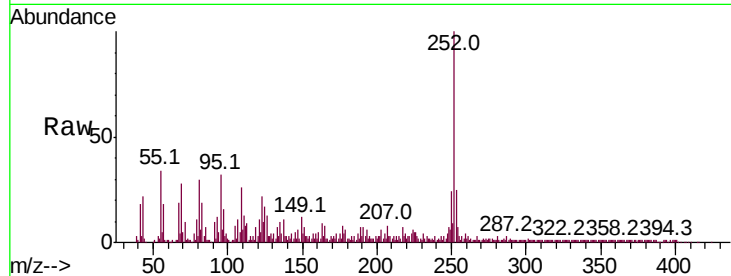
#88
Benzo(b)fluoranthene
Concen: 8.648 ng m
RT: 15.15 min Scan# 2221
Delta R.T. 0.01 min
Lab File: BF118006.D
Acq: 26 Nov 2019 14:49

Instrument :
BNA_F
ClientSampleId :
IDLEWILD-BH-03A

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.0	27.0
125	17.1	8.6	13.0

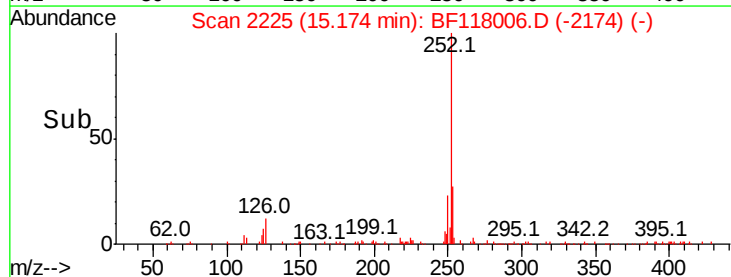
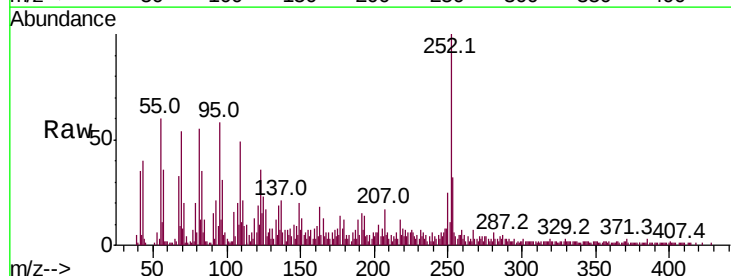
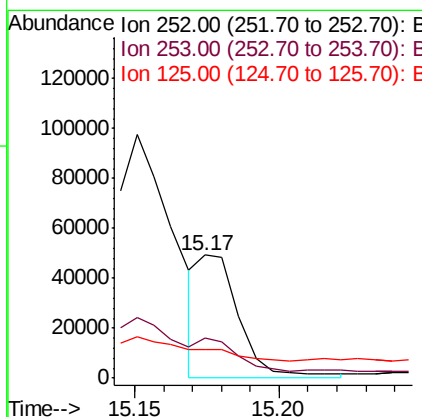
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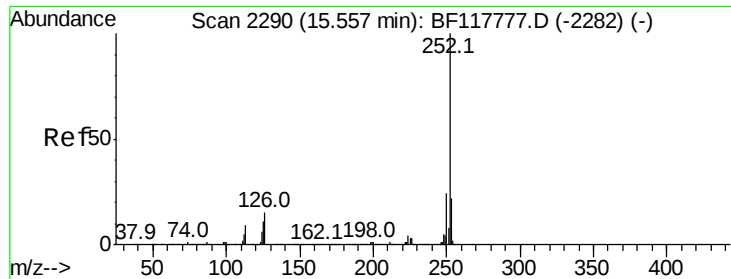
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#89
Benzo(k)fluoranthene
Concen: 3.229 ng m
RT: 15.17 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF118006.D
Acq: 26 Nov 2019 14:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.2	17.5	26.3
125	23.3	7.9	11.9





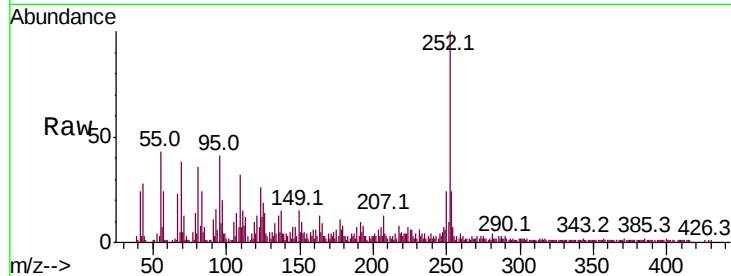
#90
Benzo(a)pyrene
Concen: 6.021 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF118006.D
Acq: 26 Nov 2019 14:49

Instrument :
BNA_F
ClientSampleId :
IDLEWILD-BH-03A

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.6
125	19.3	9.2	13.8

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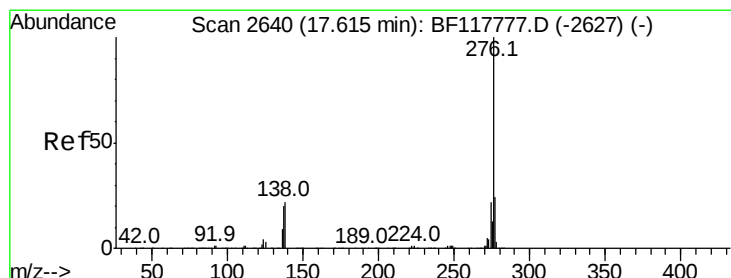
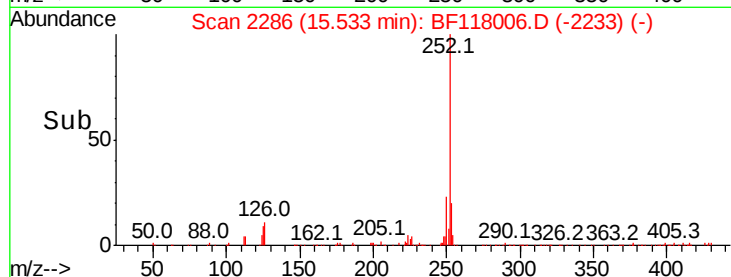
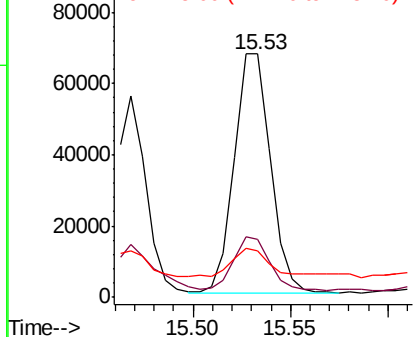


Abundance

Ion 252.00 (251.70 to 252.70): E

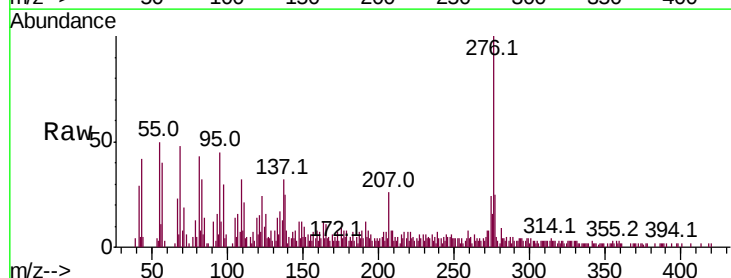
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 3.275 ng
RT: 17.59 min Scan# 2635
Delta R.T. 0.03 min
Lab File: BF118006.D
Acq: 26 Nov 2019 14:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.9	28.3
138	25.1	17.4	26.2



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

