

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113432.D
 Acq On : 30 Mar 2019 00:12
 Operator : JU/SJ
 Sample : K2132-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-036-B

Manual Integrations
 APPROVED

Sohil
 4/1/2019 5:46:40 PM

Quant Time: Mar 30 03:34:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	121625	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	451213	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	216472	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	434273	20.00	ng	0.00
76) Chrysene-d12	13.84	240	406523	20.00	ng	0.00
87) Perylene-d12	15.25	264	315723	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	904886	121.65	ng	0.00
7) Phenol-d6	6.35	99	1185907	126.03	ng	0.00
23) Nitrobenzene-d5	7.27	82	719921	94.70	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	336461	125.83	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1215371	88.78	ng	0.00
79) Terphenyl-d14	12.79	244	1359636	73.72	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.45	163	82094	5.117	ng	Qvalue # 98
71) Phenanthrene	11.23	178	51902	2.407	ng	99
75) Fluoranthene	12.42	202	119606	4.906	ng	99
78) Pyrene	12.64	202	120344	4.272	ng	97
81) Benzo(a)anthracene	13.83	228	68184	2.930	ng	92
83) Chrysene	13.87	228	73581	3.113	ng	96
88) Benzo(b)fluoranthene	14.85	252	80205m	4.089	ng	
90) Benzo(a)pyrene	15.19	252	53172	3.058	ng	# 88
92) Benzo(g,h,i)perylene	17.02	276	31809	2.098	ng	# 87

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

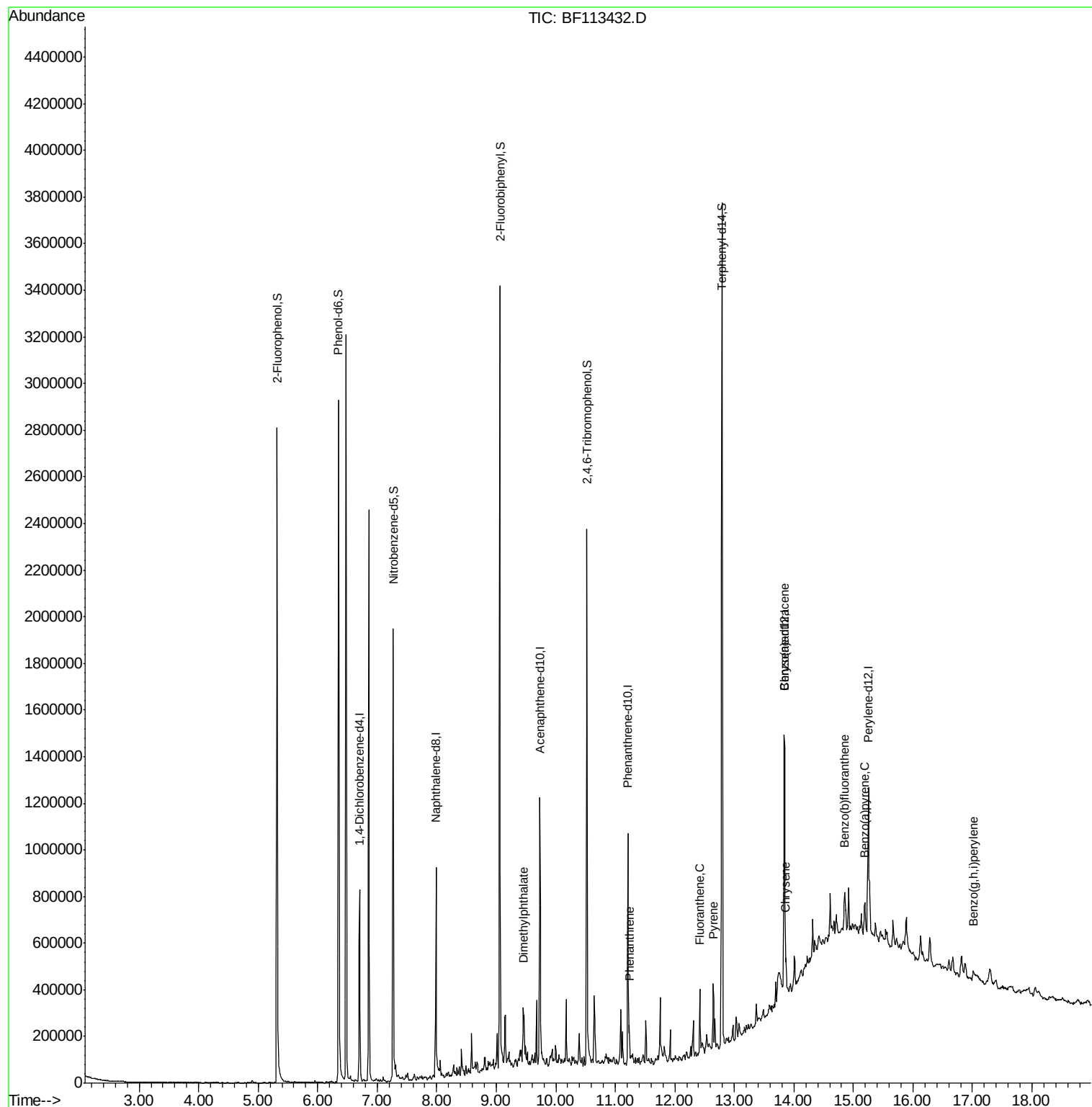
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
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ALS Vial : 22 Sample Multiplier: 1

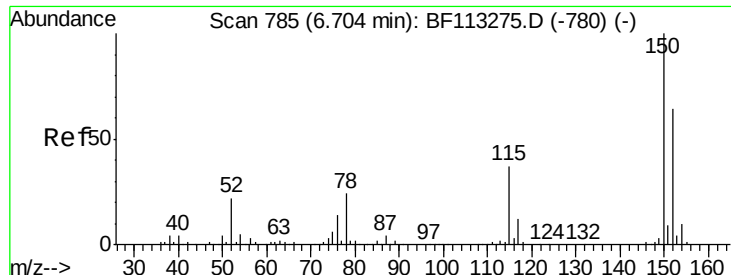
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-036-B

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#1

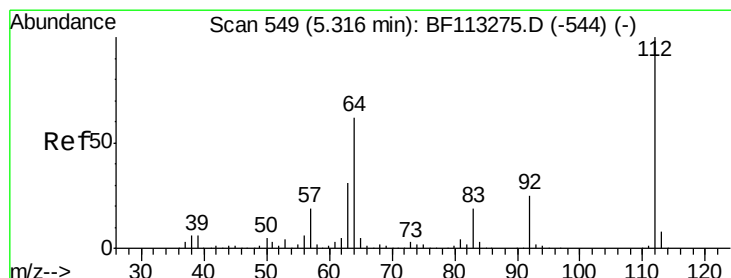
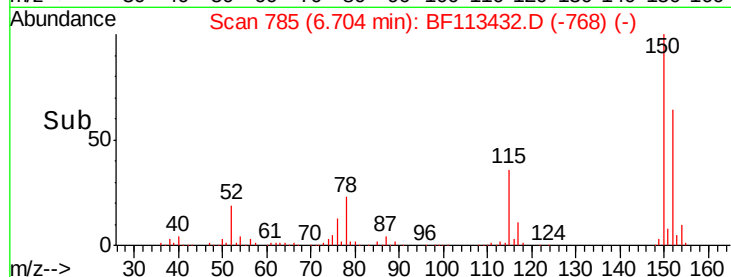
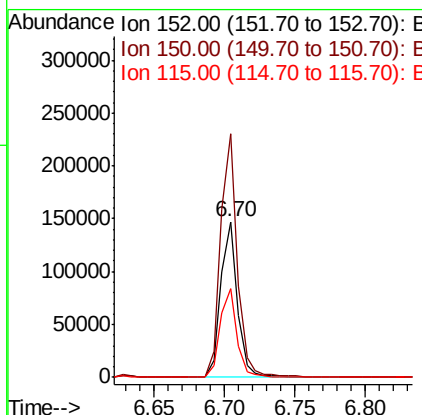
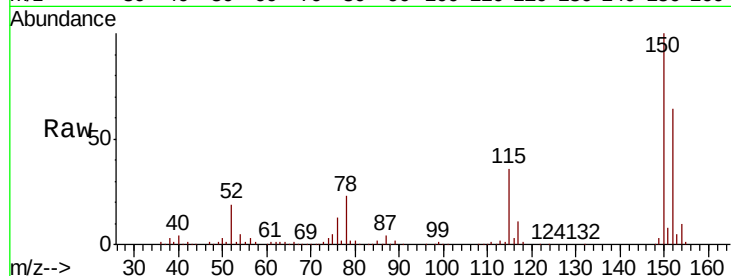
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-036-B

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.7	187.1
115	56.7	46.0	69.0

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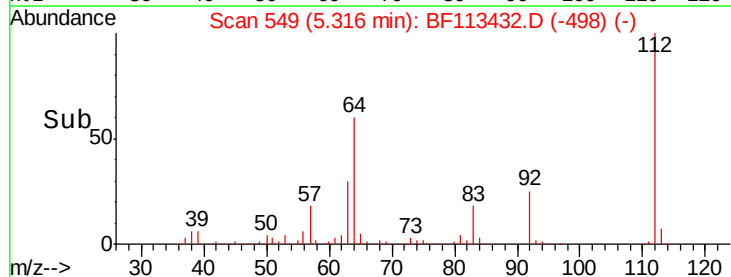
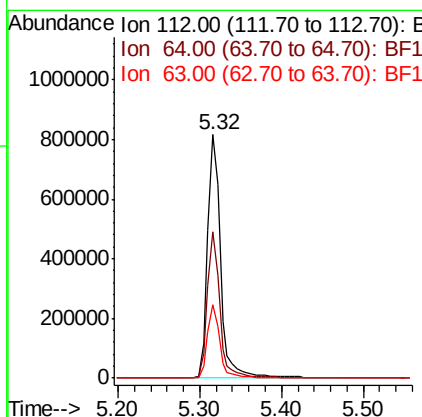
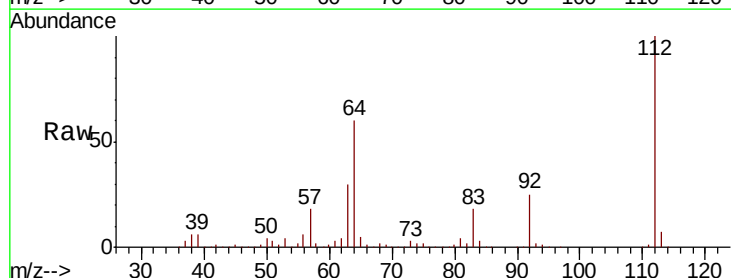
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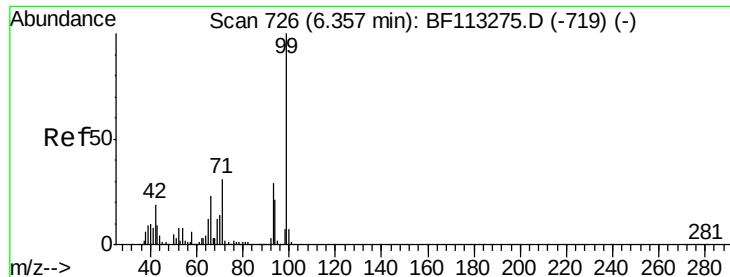


#5

2-Fluorophenol
Concen: 121.652 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	49.2	73.8
63	30.3	24.9	37.3





#7

Phenol-d6

Concen: 126.028 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113432.D

Acq: 30 Mar 2019 00:12

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-036-B

Tgt Ion: 99 Resp: 1185907

Ion Ratio Lower Upper

99 100

42 18.4 14.8 22.2

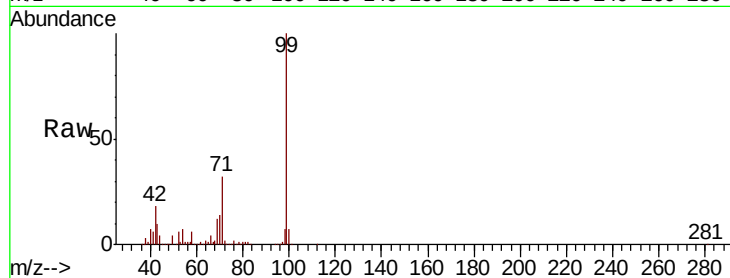
71 31.6 24.9 37.3

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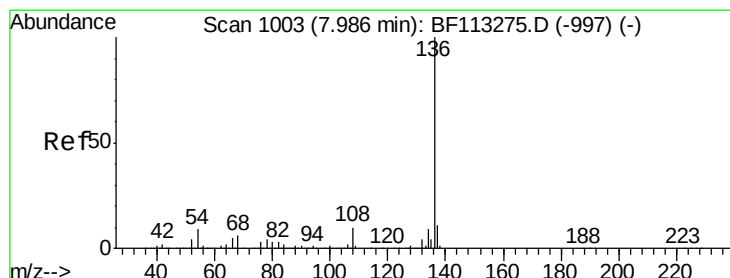
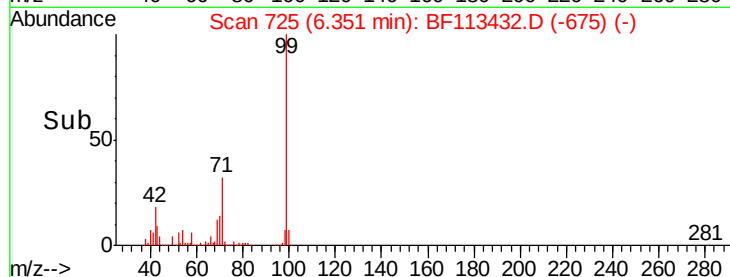
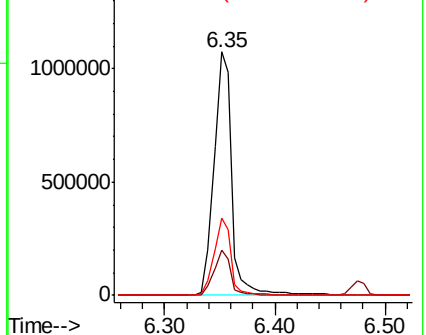
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF113432.D

Acq: 30 Mar 2019 00:12

Tgt Ion: 136 Resp: 451213

Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.6 7.0 10.6

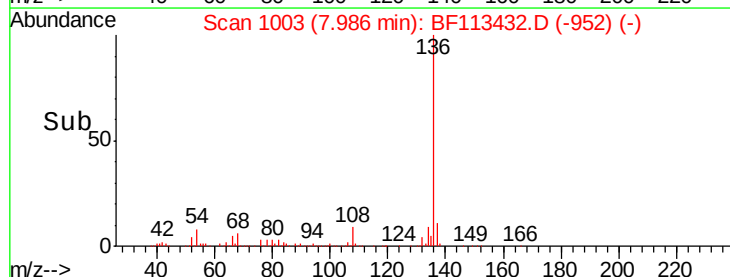
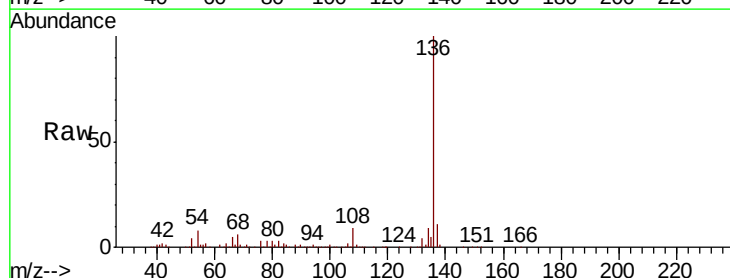
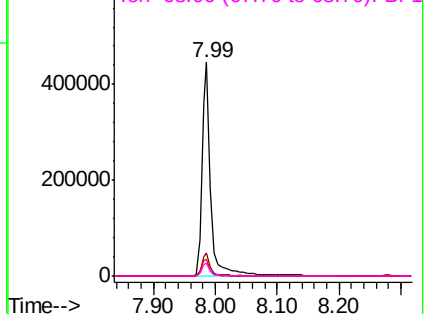
68 5.8 4.8 7.2

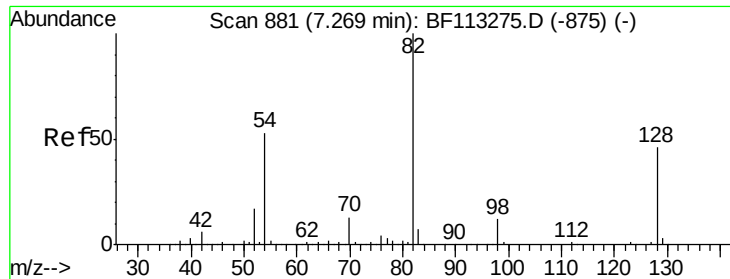
Abundance Ion 136.00 (135.70 to 136.70): E

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





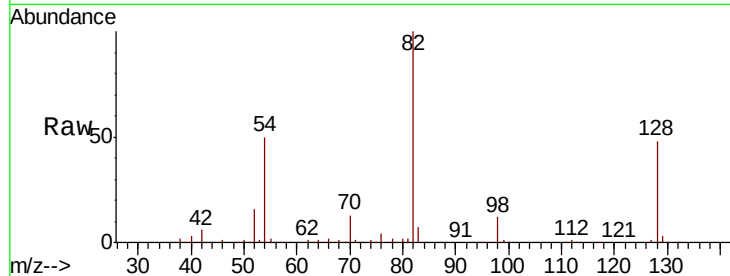
#23
Nitrobenzene-d5
Concen: 94.701 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-036-B

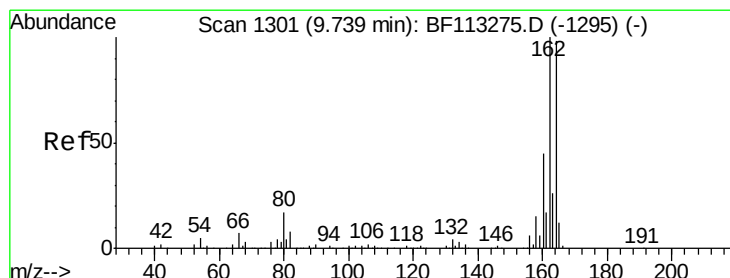
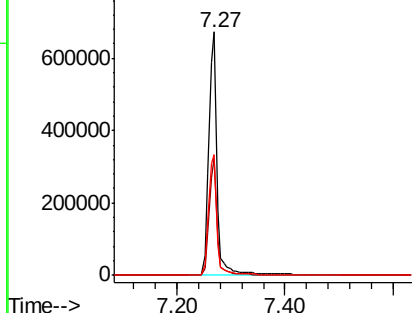
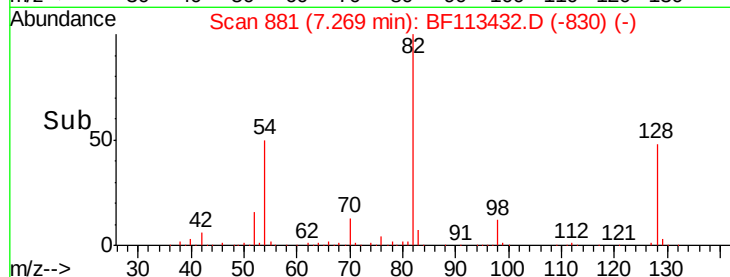
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	719921		
128	47.8	36.5	54.7	
54	49.8	42.2	63.2	

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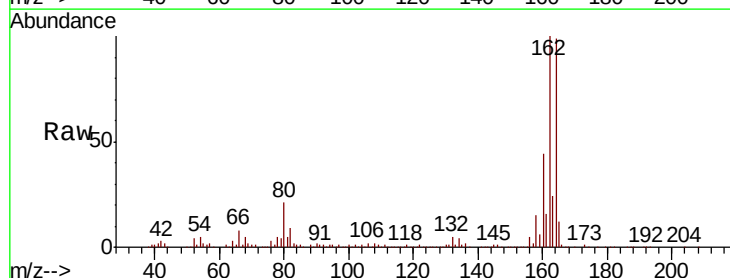


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

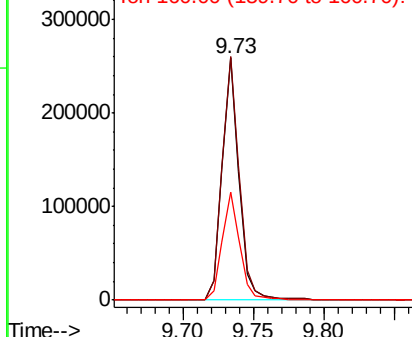
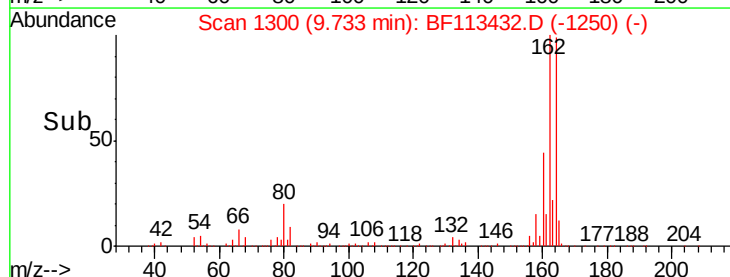


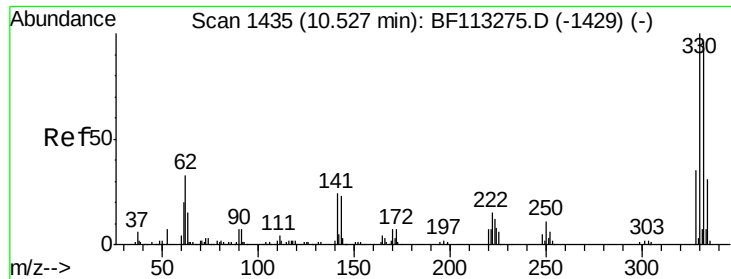
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	216472		
162	100.6	81.8	122.6	
160	44.3	36.4	54.6	



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





#42

2,4,6-Tribromophenol

Concen: 125.830 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113432.D

Acq: 30 Mar 2019 00:12

Instrument :

BNA_F

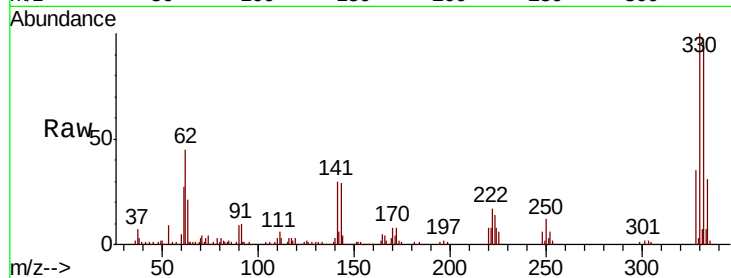
ClientSampleId :

FK-GF-02-036-B

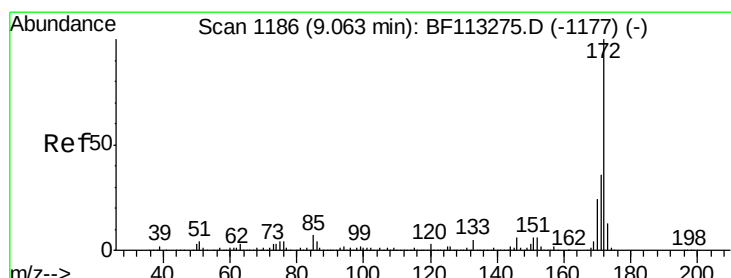
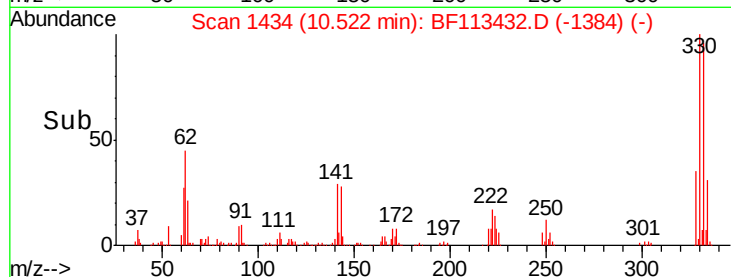
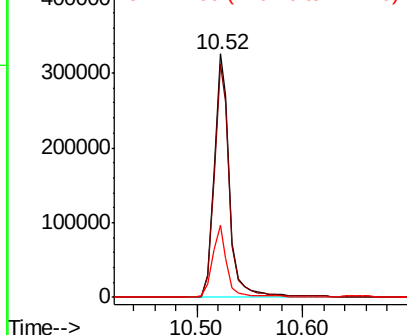
Tgt Ion:	330	Resp:	336461
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.8	116.6
141	27.2	22.7	34.1

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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: 88.784 ng

RT: 9.06 min Scan# 1186

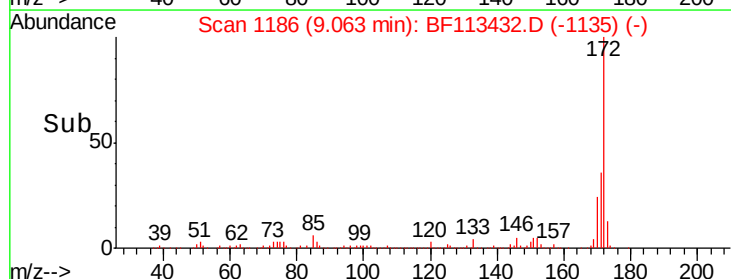
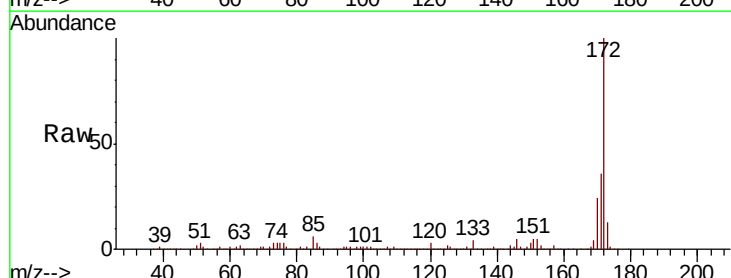
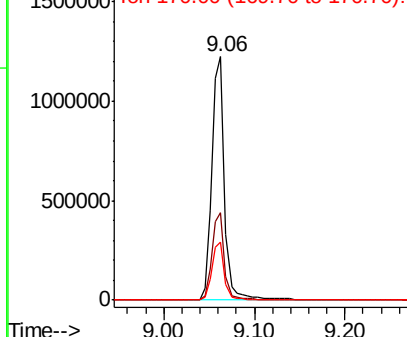
Delta R.T. 0.00 min

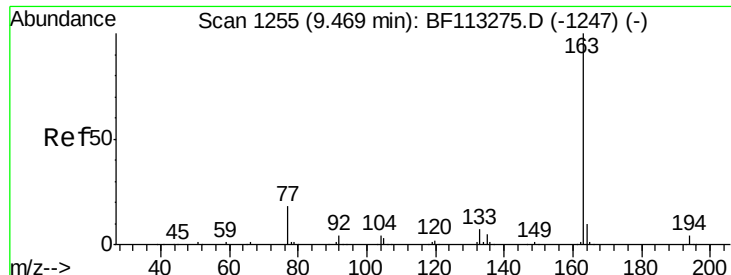
Lab File: BF113432.D

Acq: 30 Mar 2019 00:12

Tgt Ion:	172	Resp:	1215371
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.0	43.6
170	23.9	19.5	29.3

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





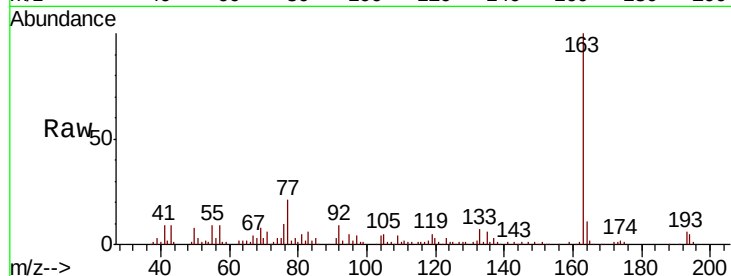
#50
Dimethylphthalate
Concen: 5.117 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-036-B

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.0	4.6#
164	10.8	8.1	12.1

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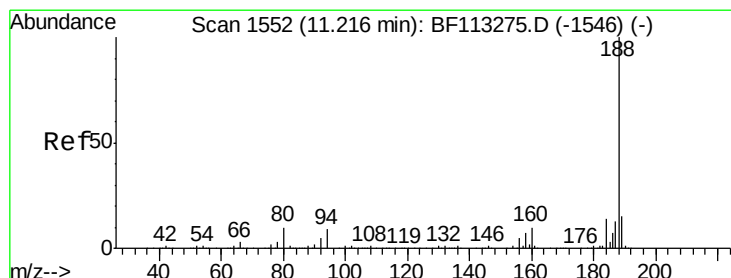
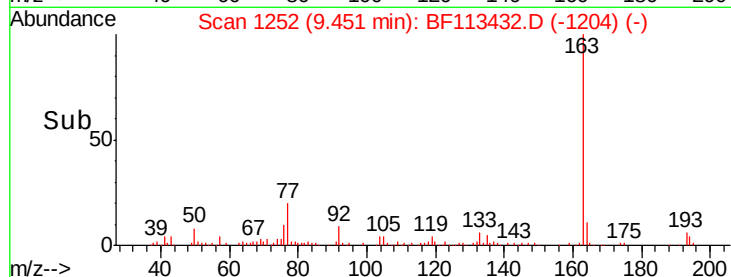
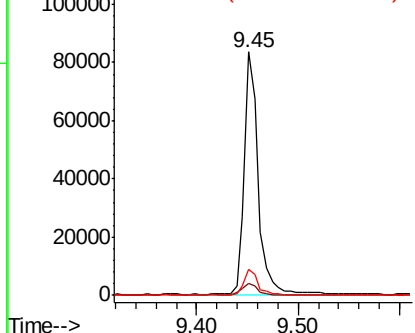


Abundance

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: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

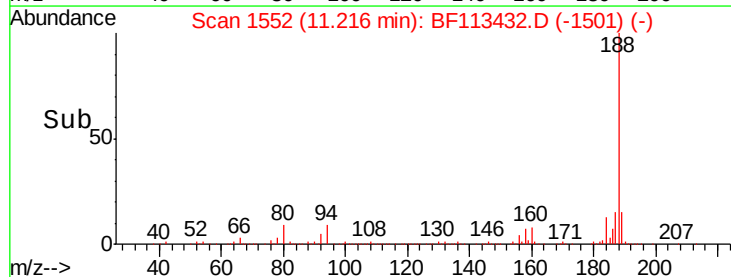
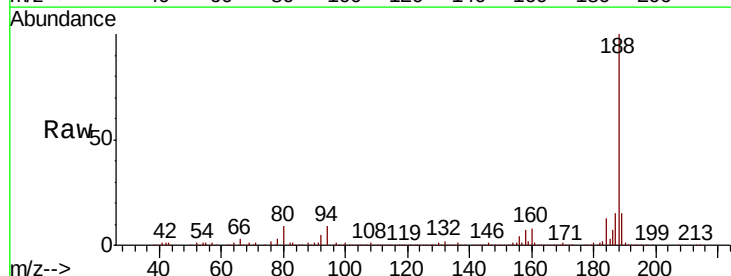
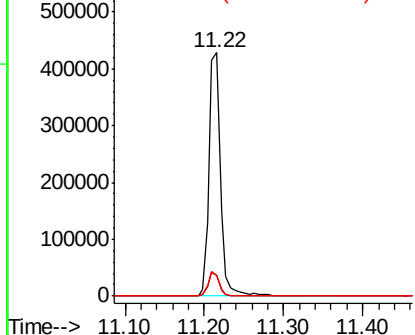
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.6
80	8.6	7.7	11.5

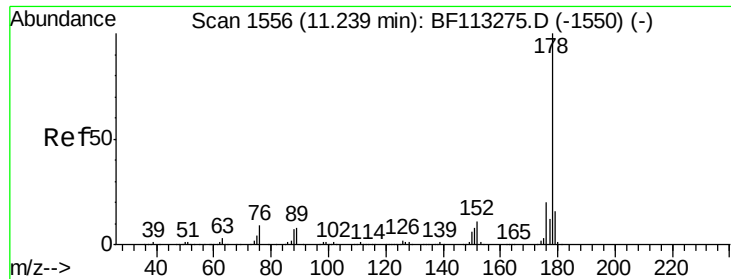
Abundance

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: 2.407 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF113432.D

Acq: 30 Mar 2019 00:12

Instrument :

BNA_F

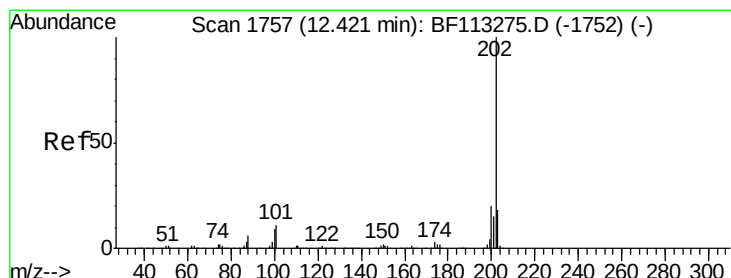
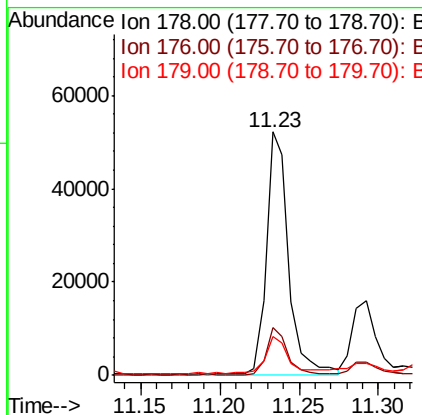
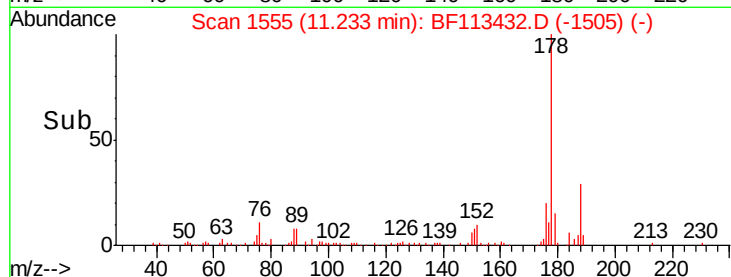
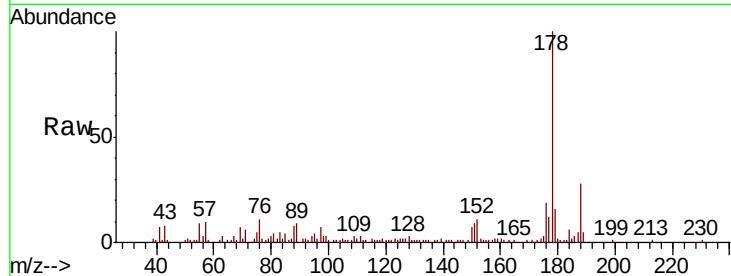
ClientSampleId :

FK-GF-02-036-B

Tgt Ion:	178	Resp:	51902
Ion Ratio	Lower	Upper	
178	100		
176	19.5	16.2	24.2
179	16.1	12.7	19.1

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#75

Fluoranthene

Concen: 4.906 ng

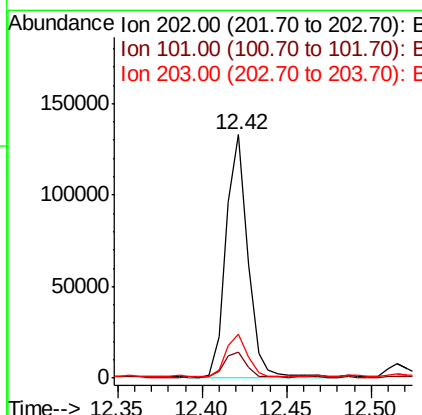
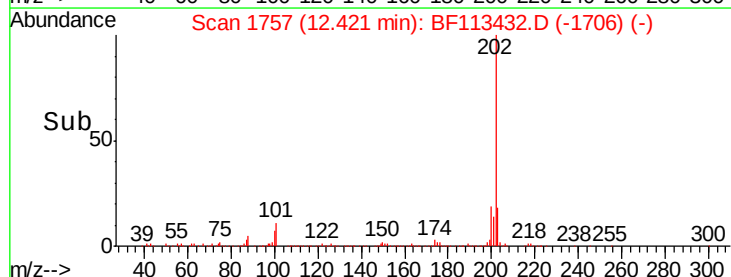
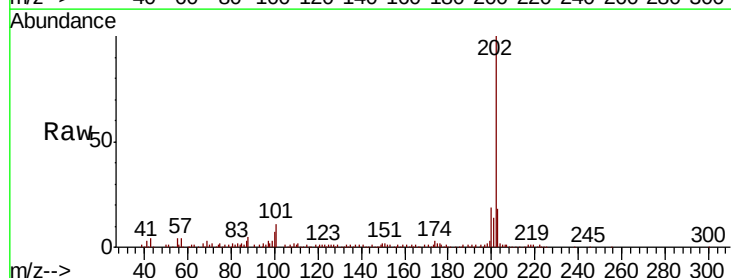
RT: 12.42 min Scan# 1757

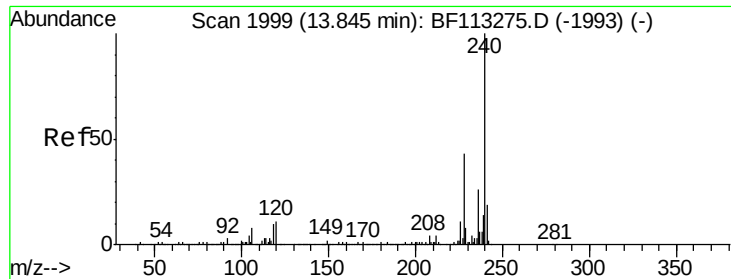
Delta R.T. 0.00 min

Lab File: BF113432.D

Acq: 30 Mar 2019 00:12

Tgt Ion:	202	Resp:	119606
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	31.4
203	17.9	0.0	38.0





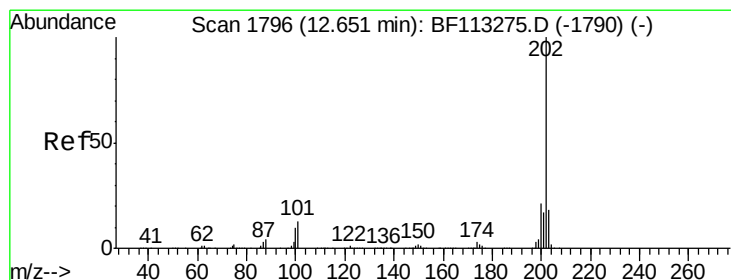
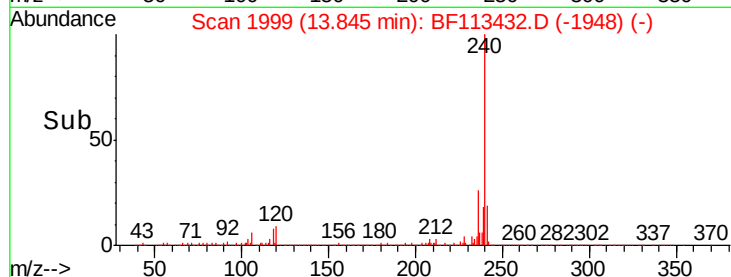
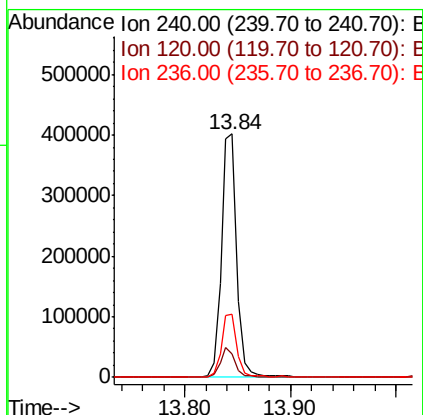
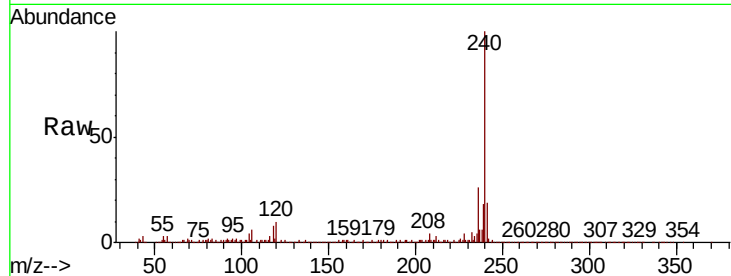
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-036-B

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	406523		
120	9.6		8.8	13.2
236	26.0		20.9	31.3

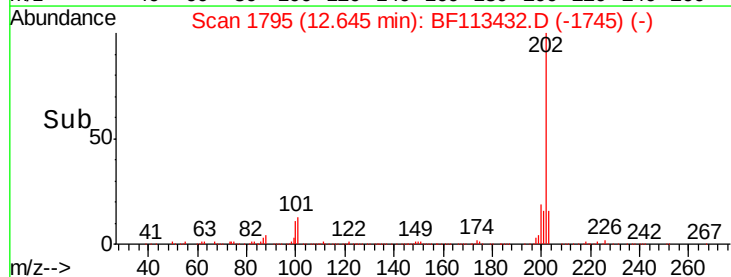
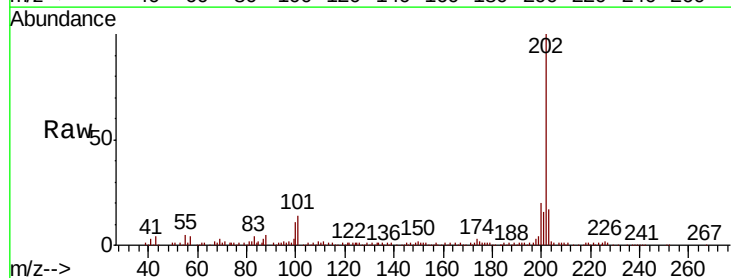
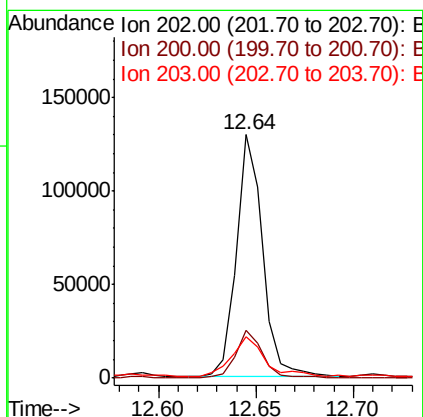
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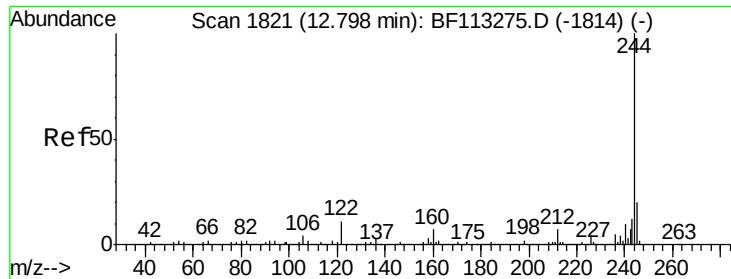
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#78
Pyrene
Concen: 4.272 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	120344		
200	19.6		16.8	25.2
203	17.0		14.4	21.6





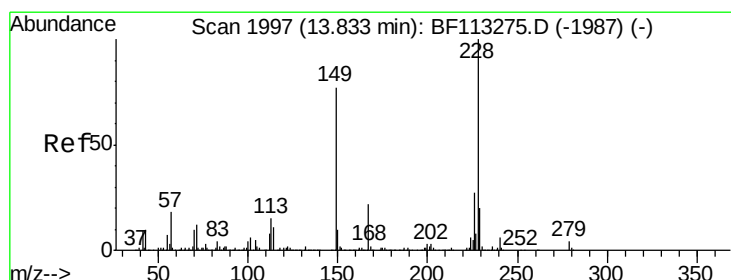
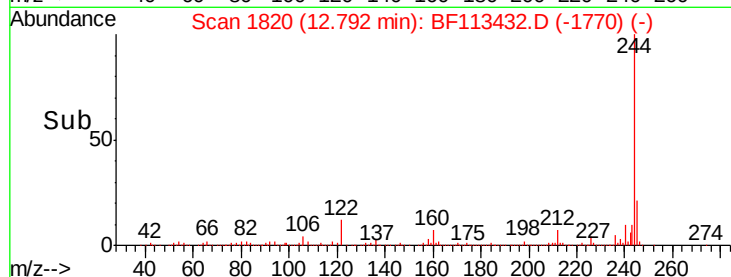
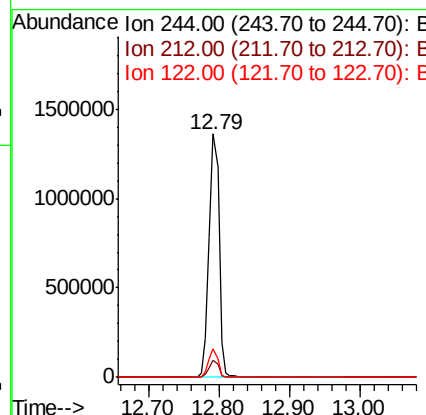
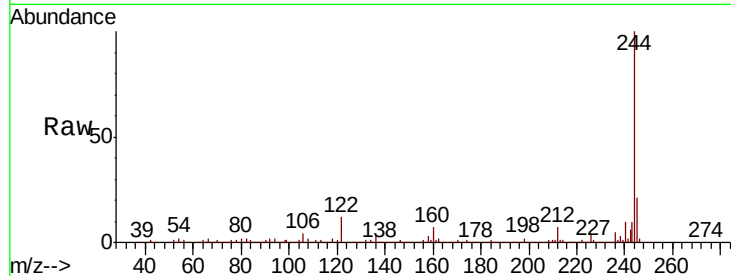
#79
 Terphenyl-d14
 Concen: 73.719 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BF113432.D
 Acq: 30 Mar 2019 00:12

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-036-B

Tgt Ion:244 Resp: 1359636
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 11.9 8.6 13.0

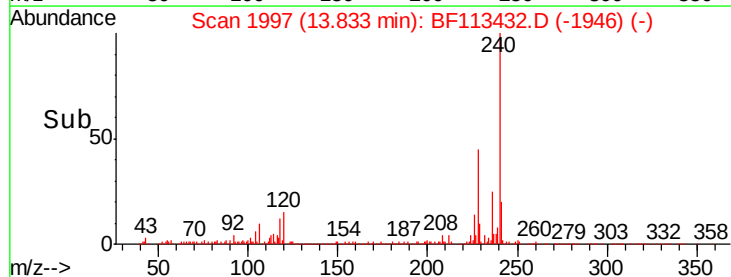
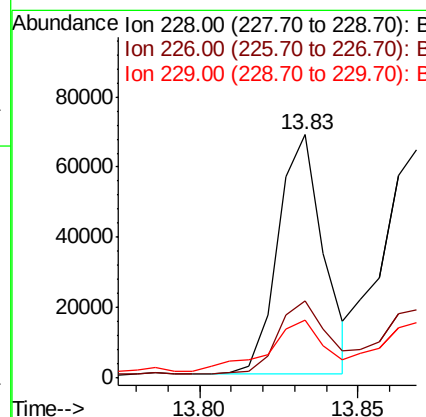
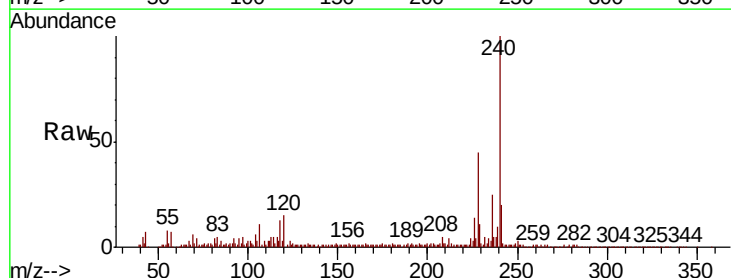
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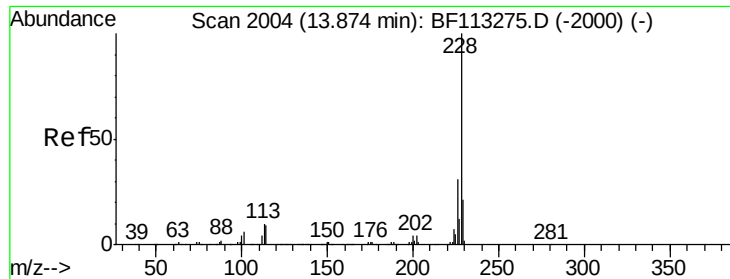
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#81
 Benzo(a)anthracene
 Concen: 2.930 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BF113432.D
 Acq: 30 Mar 2019 00:12

Tgt Ion:228 Resp: 68184
 Ion Ratio Lower Upper
 228 100
 226 31.9 21.8 32.8
 229 23.6 16.2 24.4





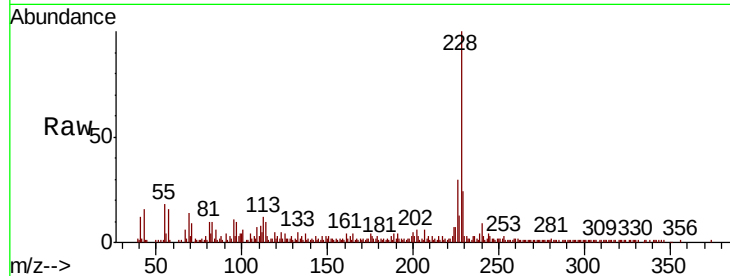
#83
Chrysene
Concen: 3.113 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-036-B

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.3	36.5
229	24.0	16.3	24.5

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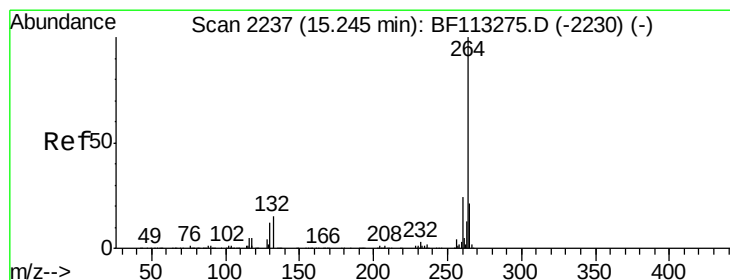
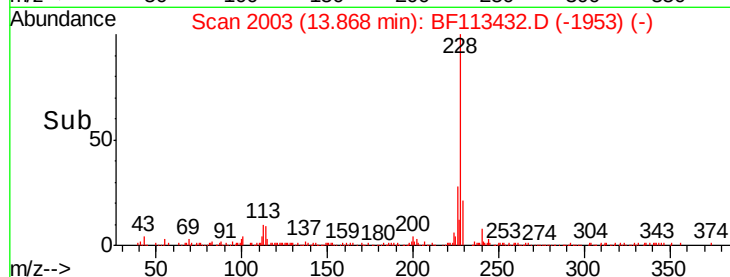
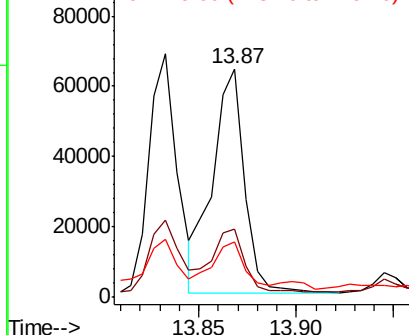


Abundance

Ion 228.00 (227.70 to 228.70): E

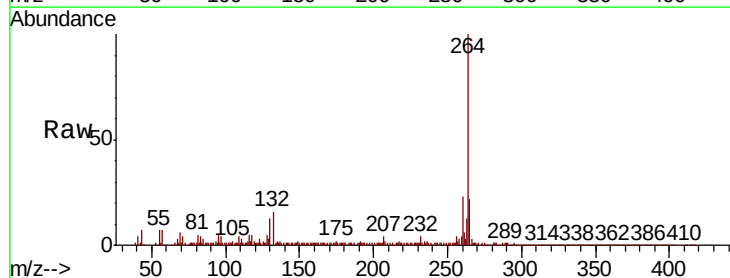
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.1	28.7
265	21.8	17.1	25.7

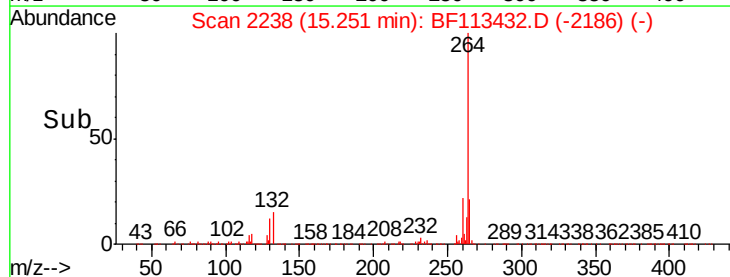
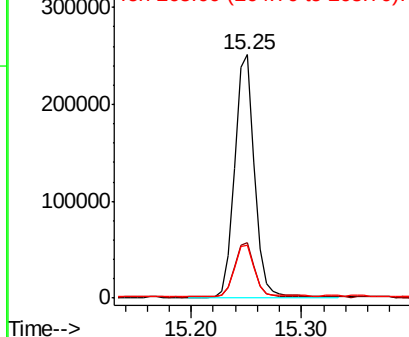


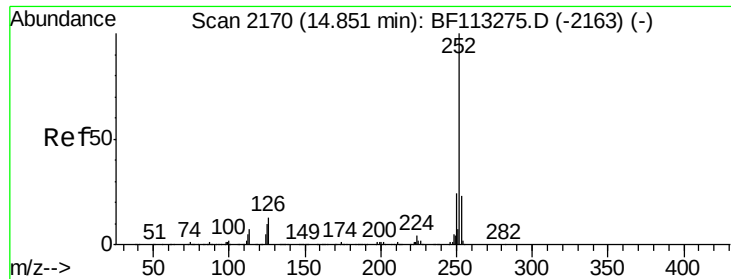
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





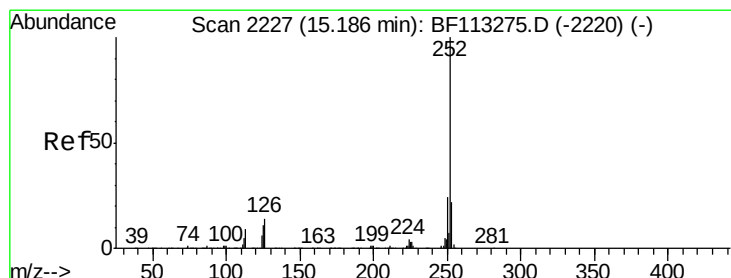
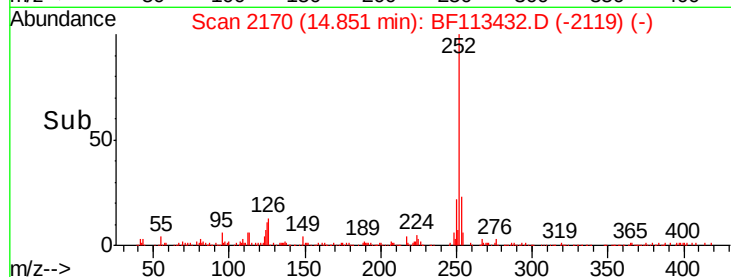
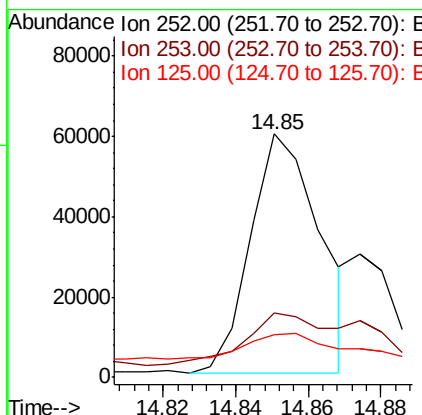
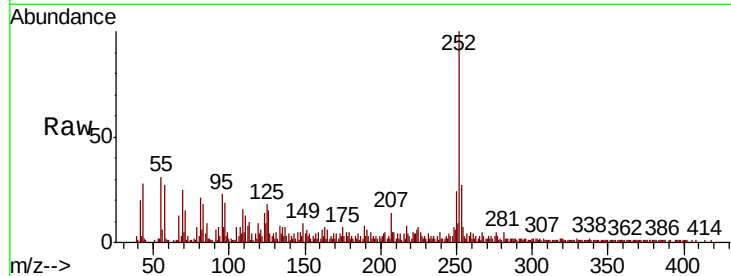
#88
Benzo(b)fluoranthene
Concen: 4.089 ng m
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-036-B

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	80205		
253	26.6	18.0	27.0	
125	17.5	7.6	11.4	

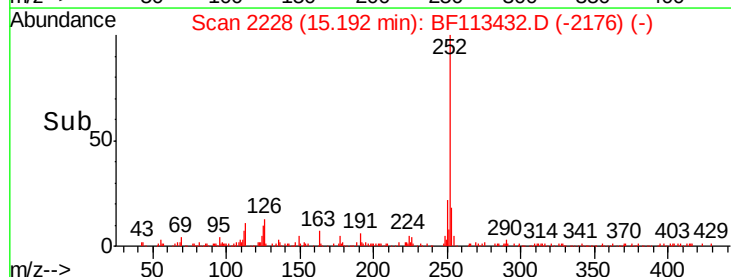
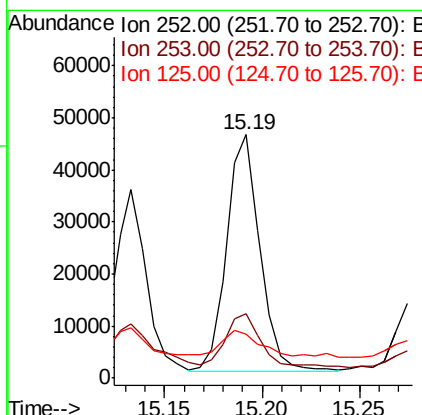
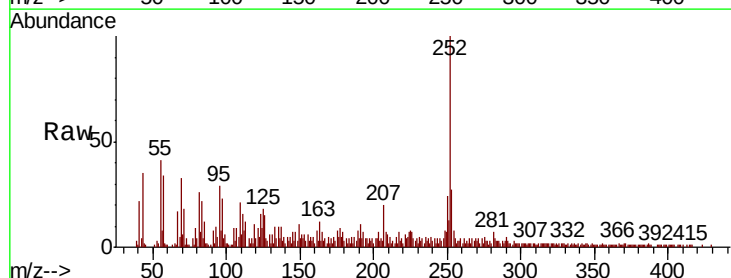
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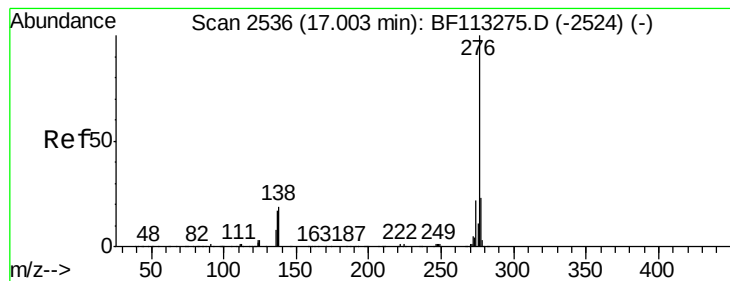
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#90
Benzo(a)pyrene
Concen: 3.058 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	53172		
253	26.5	17.9	26.9	
125	18.1	8.8	13.2	





#92

Benzo(g,h,i)perylene

Concen: 2.098 ng

RT: 17.02 min Scan# 2538

Delta R.T. 0.01 min

Lab File: BF113432.D

Acq: 30 Mar 2019 00:12

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-036-B

Tgt Ion:	276	Resp:	31809
Ion Ratio		Lower	Upper
276	100		
277	28.2	18.8	28.2#
138	26.8	15.6	23.4#

Manual Integrations
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