

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113420.D
 Acq On : 29 Mar 2019 18:26
 Operator : JU/SJ
 Sample : K2131-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-035-B

Manual Integrations
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Quant Time: Mar 30 01:44:09 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	152676	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	572803	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	279407	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	590430	20.00	ng	0.00
76) Chrysene-d12	13.84	240	465567	20.00	ng	0.00
87) Perylene-d12	15.24	264	442542	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	944756	101.18	ng	0.00
7) Phenol-d6	6.35	99	1240814	105.05	ng	0.00
23) Nitrobenzene-d5	7.26	82	750460	77.76	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	343002	99.38	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1312989	70.68	ng	0.00
79) Terphenyl-d14	12.79	244	1417282	67.10	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.45	163	112688	5.442	ng	Qvalue 100
75) Fluoranthene	12.42	202	105024	3.168	ng	98
78) Pyrene	12.64	202	98726	3.060	ng	98
88) Benzo(b)fluoranthene	14.84	252	84680m	3.080	ng	
90) Benzo(a)pyrene	15.18	252	58728	2.410	ng	# 95

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

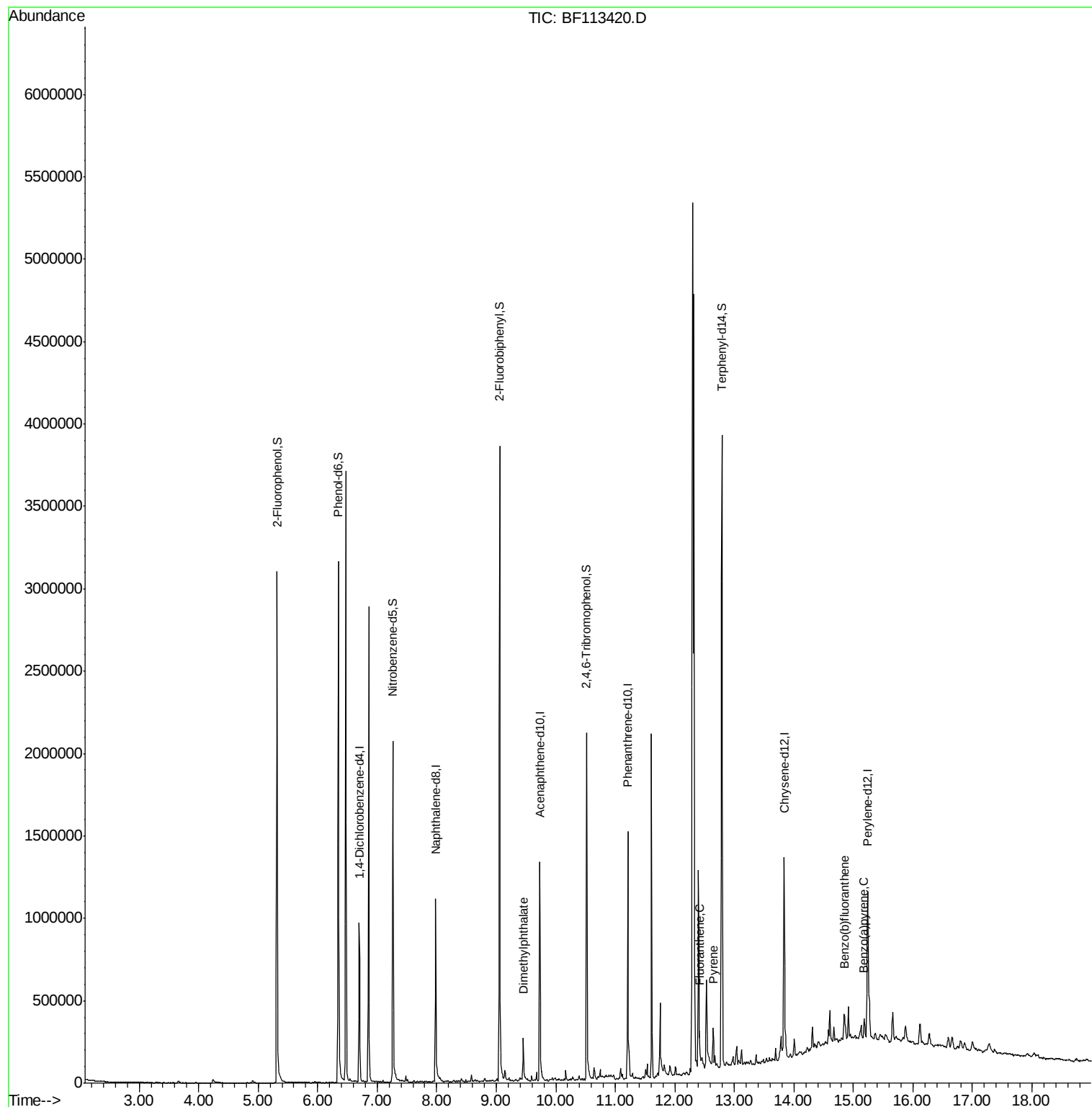
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113420.D
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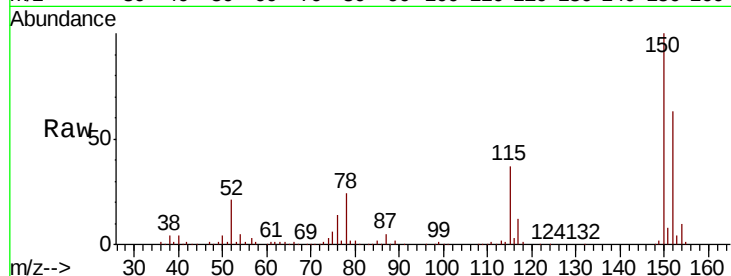
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF113420.D
 Acq: 29 Mar 2019 18:26

Instrument :
 BNA_F
 ClientSampled :
 FK-GF-02-035-B

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.7	187.1
115	58.5	46.0	69.0

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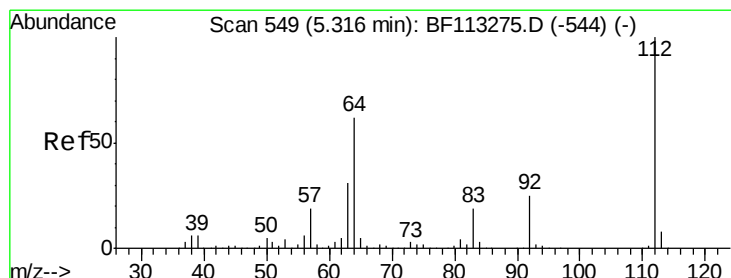
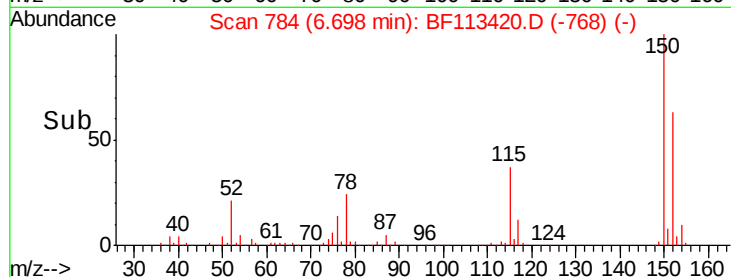
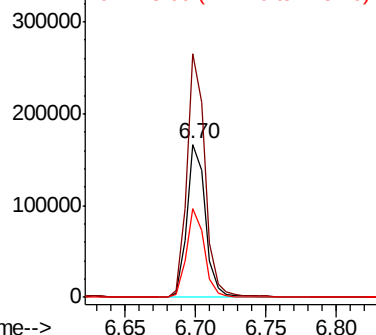


Abundance

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: 101.181 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF113420.D
 Acq: 29 Mar 2019 18:26

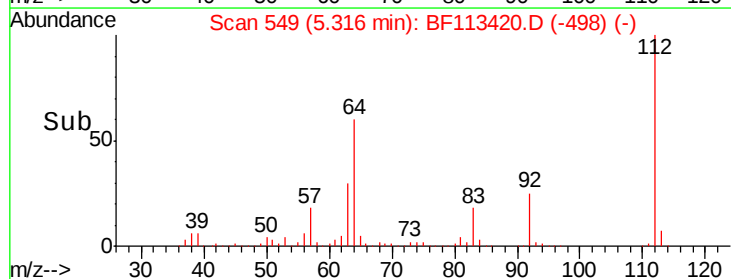
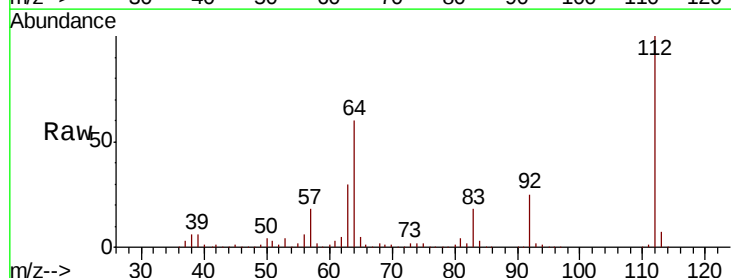
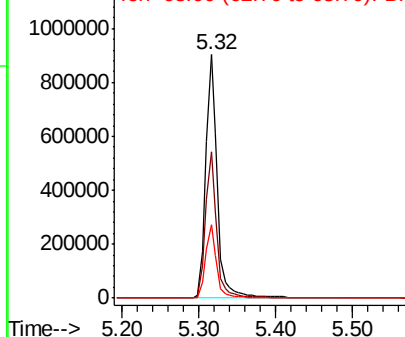
Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	49.2	73.8
63	30.3	24.9	37.3

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





#7

Phenol-d6

Concen: 105.045 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113420.D

Acq: 29 Mar 2019 18:26

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-035-B

Tgt Ion: 99 Resp: 1240814

Ion Ratio Lower Upper

99 100

42 17.8 14.8 22.2

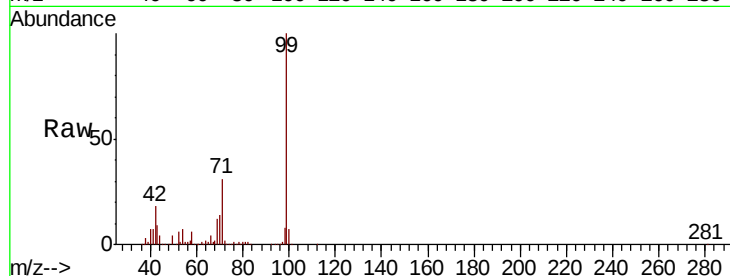
71 31.4 24.9 37.3

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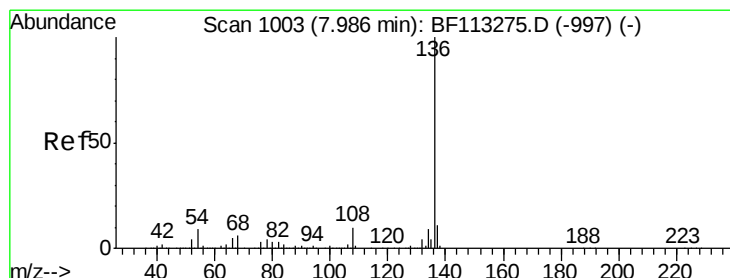
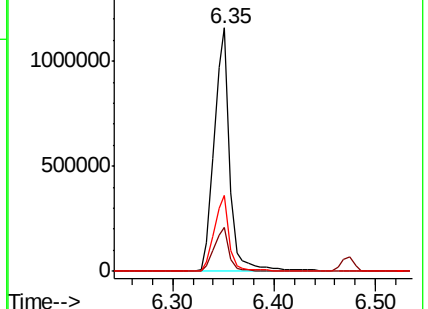
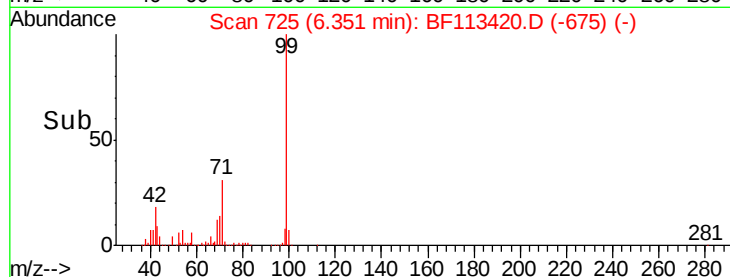
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF113420.D

Acq: 29 Mar 2019 18:26

Tgt Ion: 136 Resp: 572803

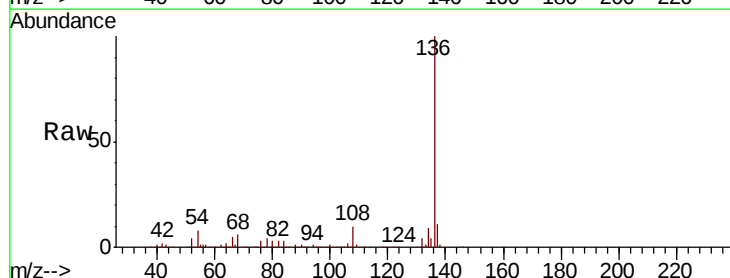
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.4 7.0 10.6

68 6.1 4.8 7.2

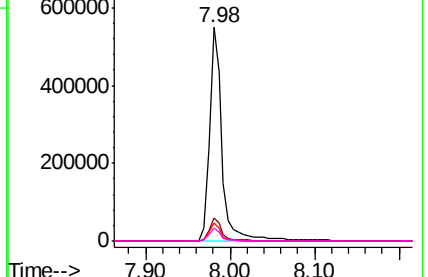
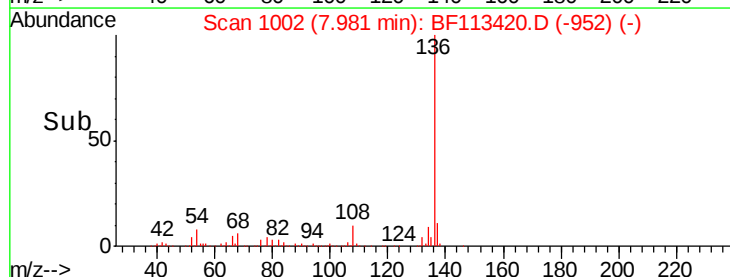


Abundance Ion 136.00 (135.70 to 136.70): E

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





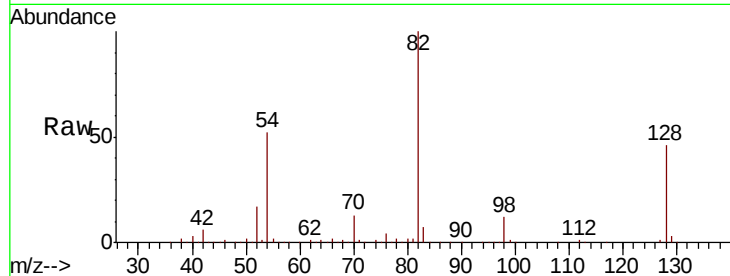
#23
Nitrobenzene-d5
Concen: 77.763 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF113420.D
Acq: 29 Mar 2019 18:26

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-035-B

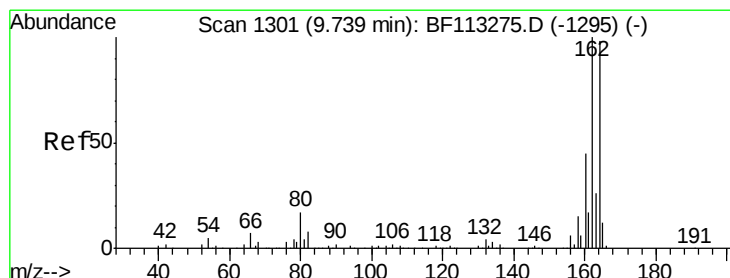
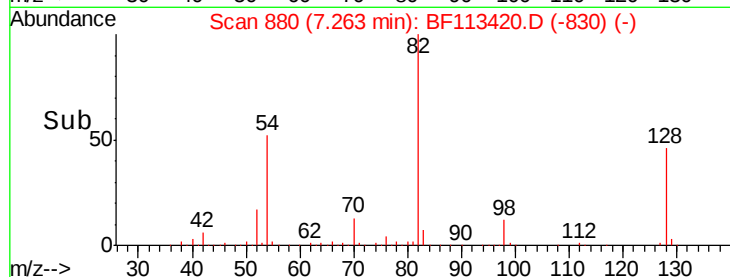
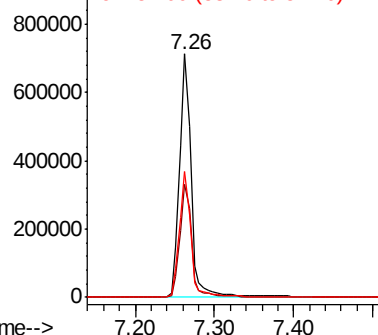
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.5	54.7
54	51.7	42.2	63.2

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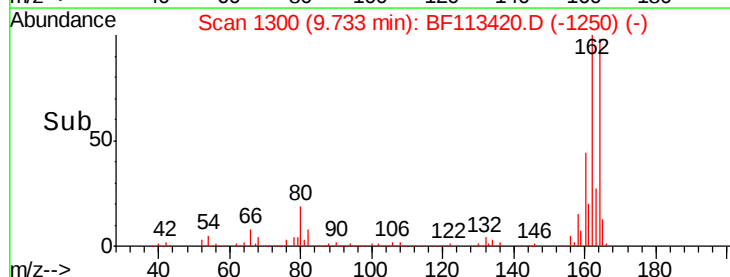
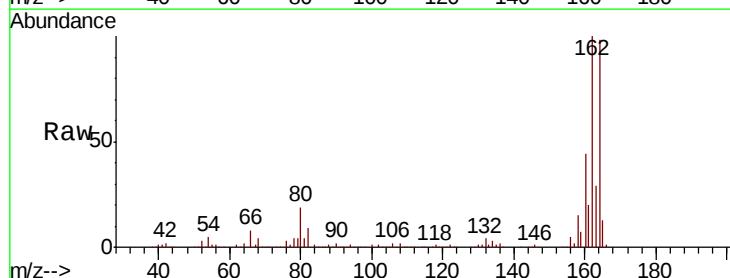
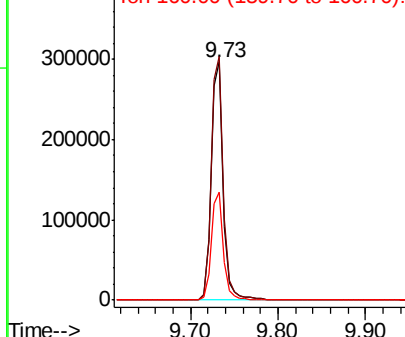
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

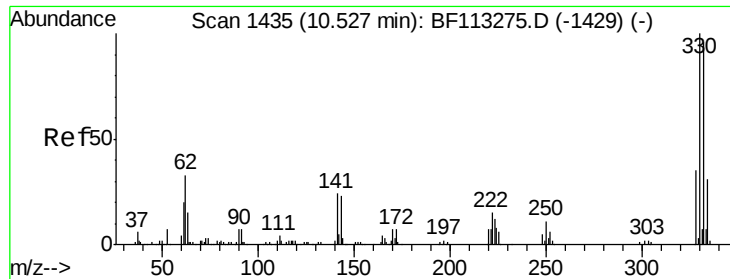


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113420.D
Acq: 29 Mar 2019 18:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.8	122.6
160	45.4	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: 99.383 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113420.D

Acq: 29 Mar 2019 18:26

Instrument :

BNA_F

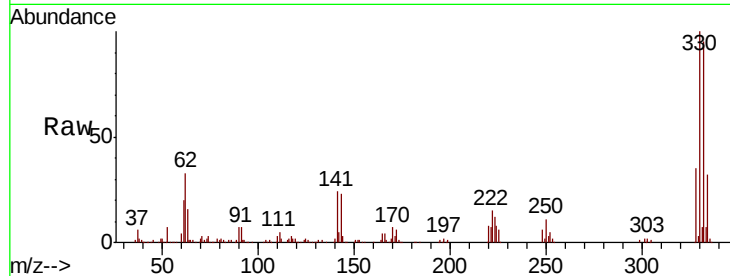
ClientSampleId :

FK-GF-02-035-B

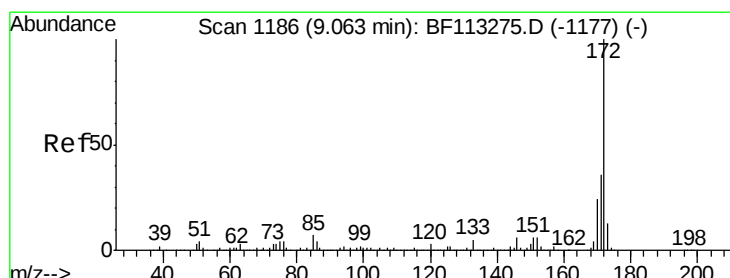
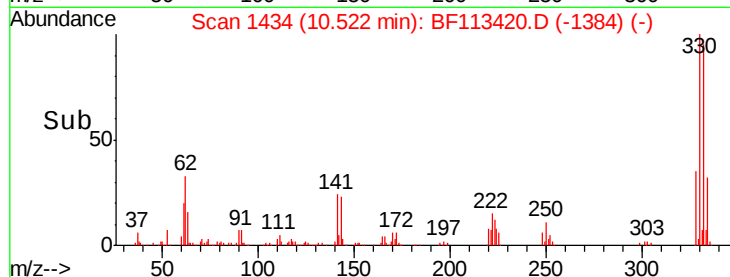
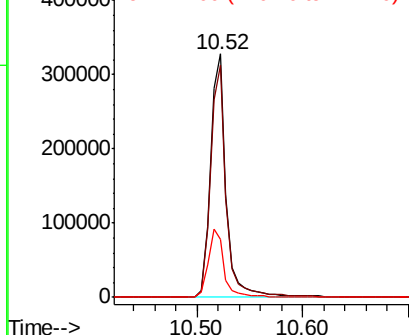
Tgt Ion:	330	Resp:	343002
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.8	116.6
141	28.3	22.7	34.1

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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: 70.683 ng

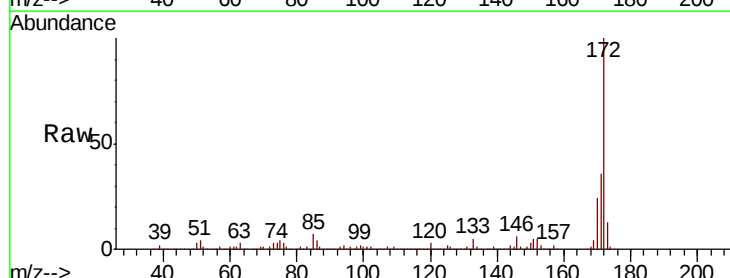
RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

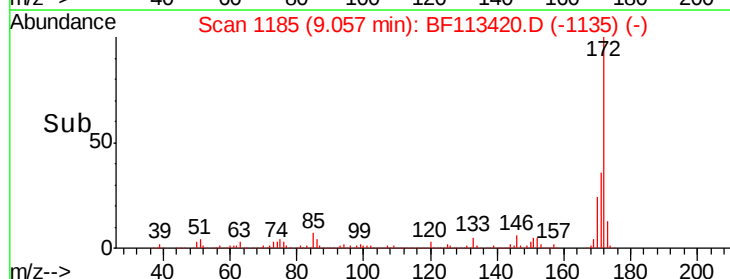
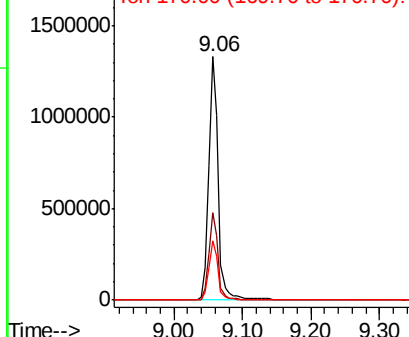
Lab File: BF113420.D

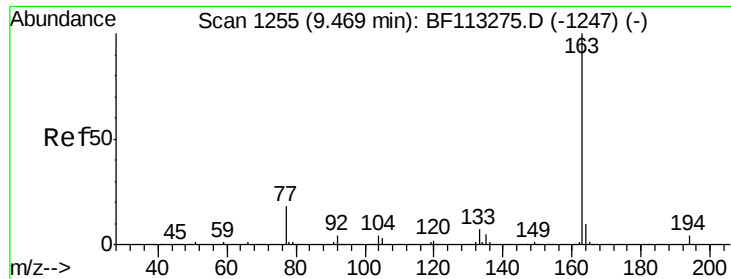
Acq: 29 Mar 2019 18:26

Tgt Ion:	172	Resp:	1312989
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.0	43.6
170	24.4	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





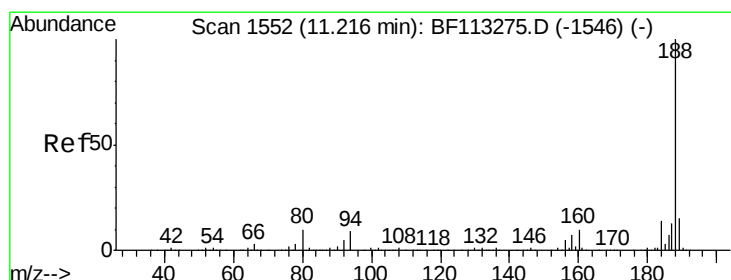
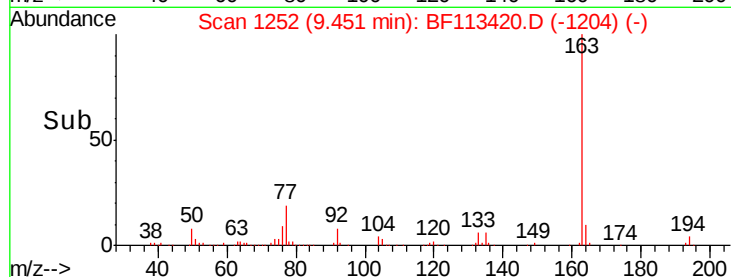
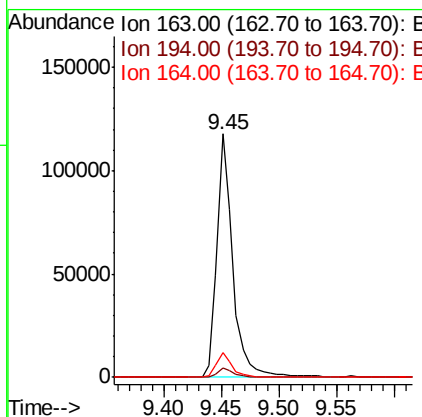
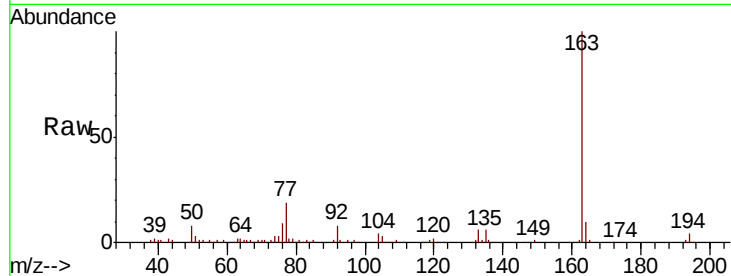
#50
Dimethylphthalate
Concen: 5.442 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF113420.D
Acq: 29 Mar 2019 18:26

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-035-B

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	112688		
194	3.7		3.0	4.6
164	10.0		8.1	12.1

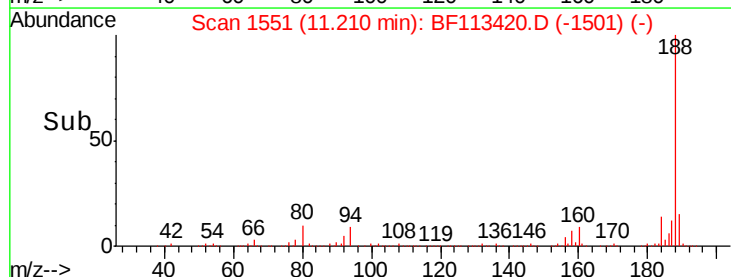
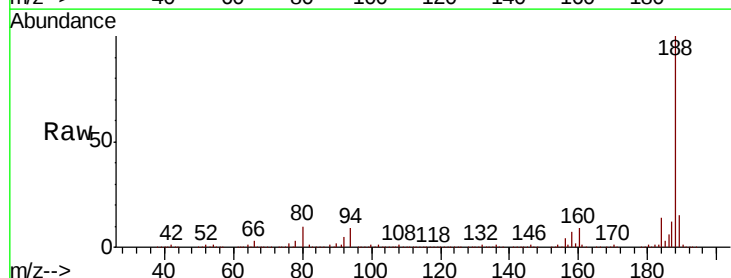
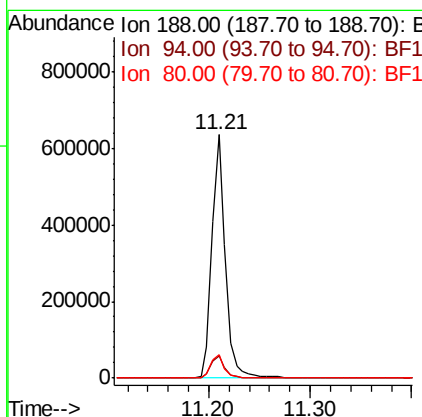
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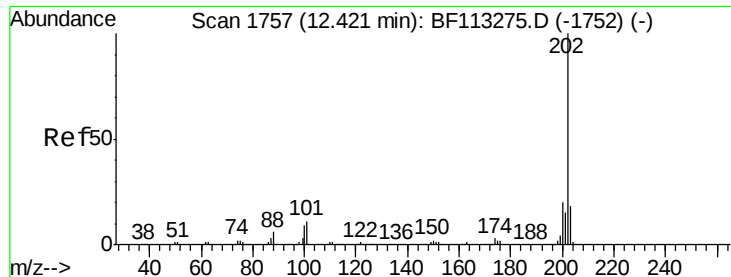
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113420.D
Acq: 29 Mar 2019 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	590430		
94	9.1		7.0	10.6
80	9.7		7.7	11.5





#75

Fluoranthene

Concen: 3.168 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF113420.D

Acq: 29 Mar 2019 18:26

Instrument :

BNA_F

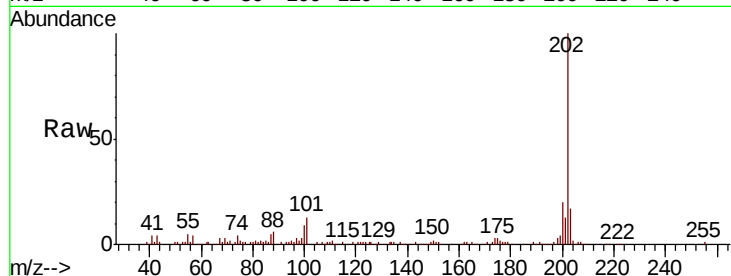
ClientSampled :

FK-GF-02-035-B

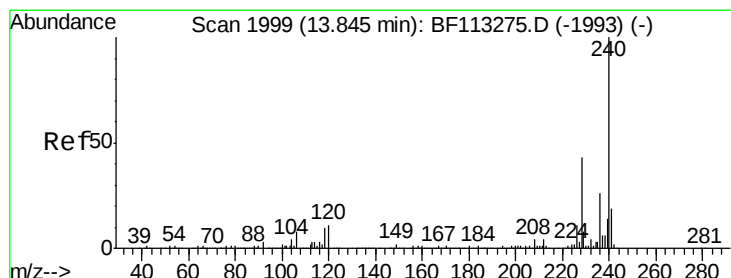
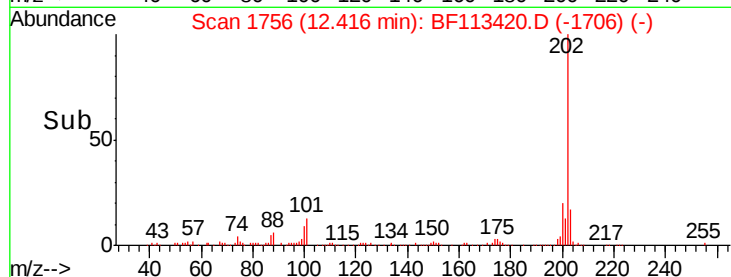
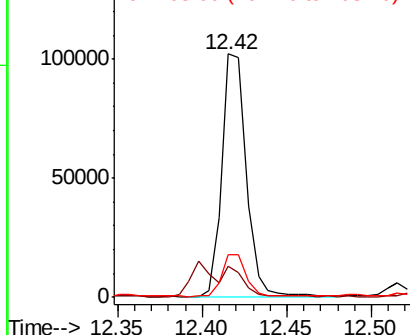
Tgt	Ion:202	Resp:	105024
Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.4
203	17.4	0.0	38.0

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

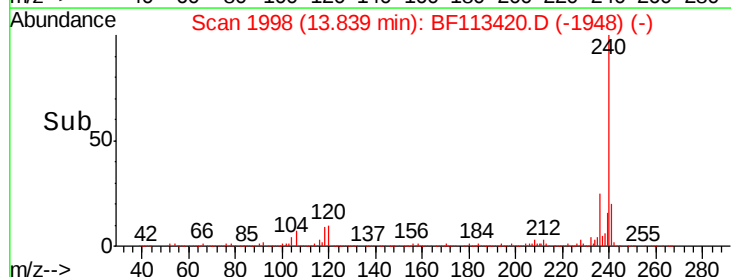
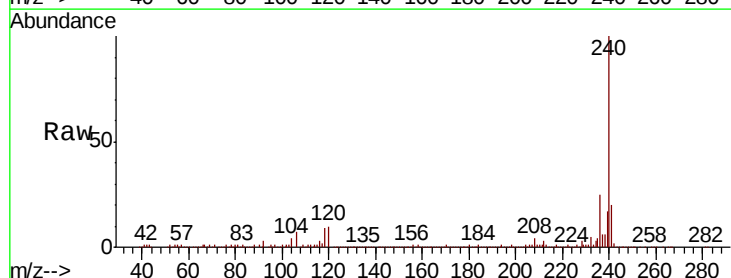
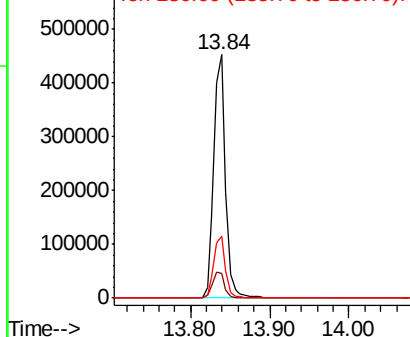
Delta R.T. -0.01 min

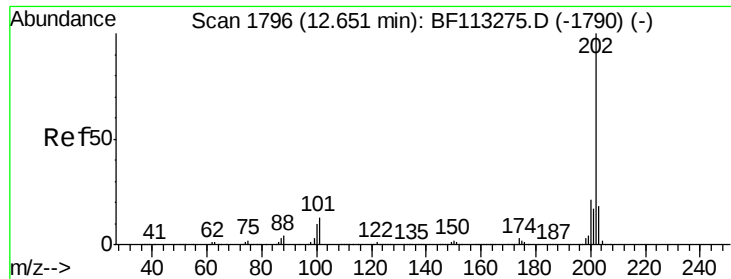
Lab File: BF113420.D

Acq: 29 Mar 2019 18:26

Tgt	Ion:240	Resp:	465567
Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.8	13.2
236	25.3	20.9	31.3

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





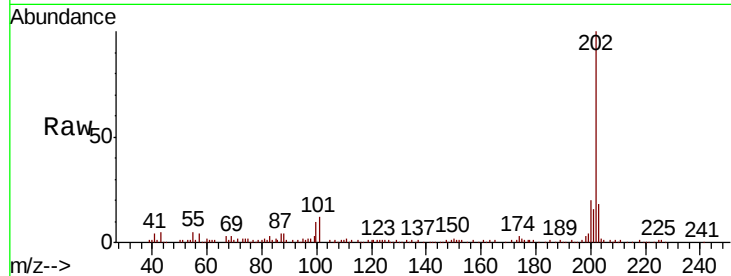
#78
Pyrene
Concen: 3.060 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF113420.D
Acq: 29 Mar 2019 18:26

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-035-B

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.7	16.8	25.2
203	17.6	14.4	21.6

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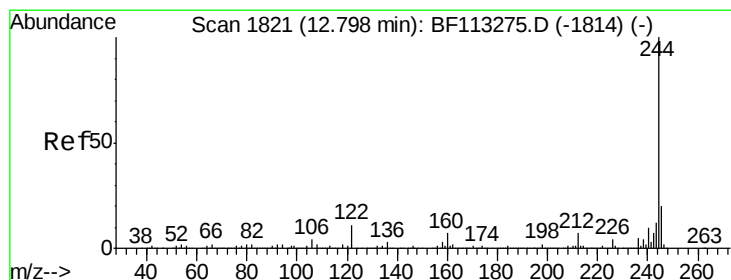
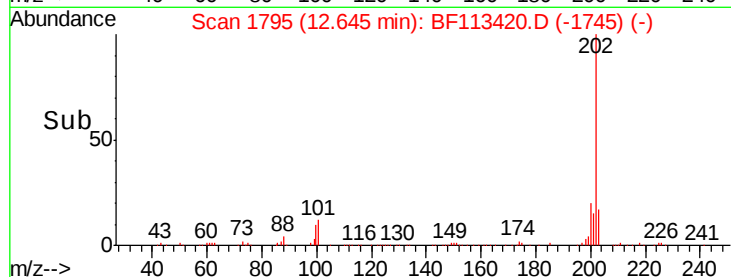
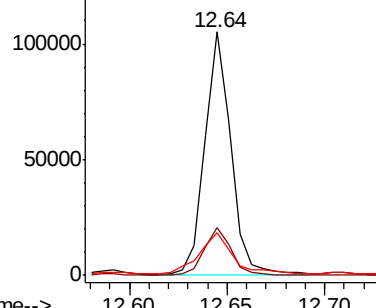


Abundance

Ion 202.00 (201.70 to 202.70): E

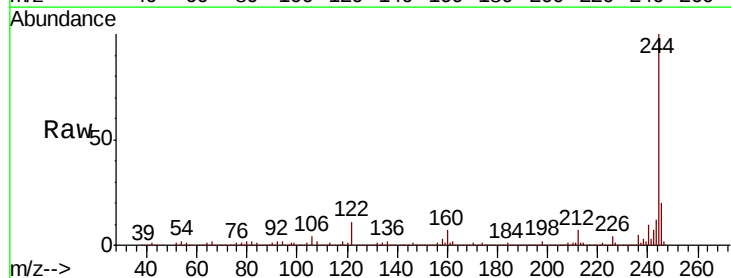
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 67.099 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF113420.D
Acq: 29 Mar 2019 18:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	10.9	8.6	13.0

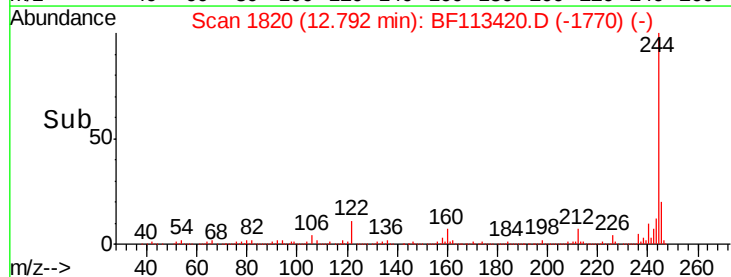
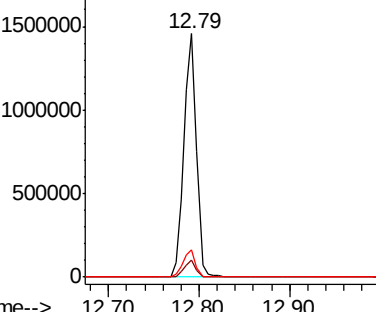


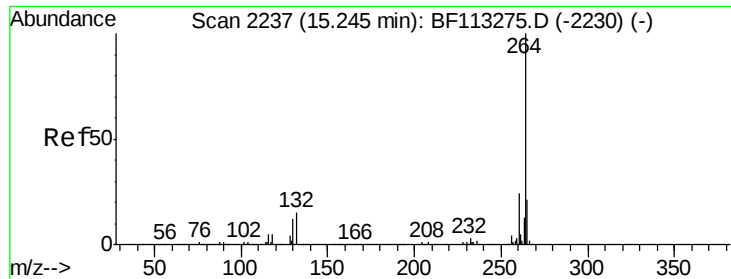
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF113420.D

Acq: 29 Mar 2019 18:26

Instrument :

BNA_F

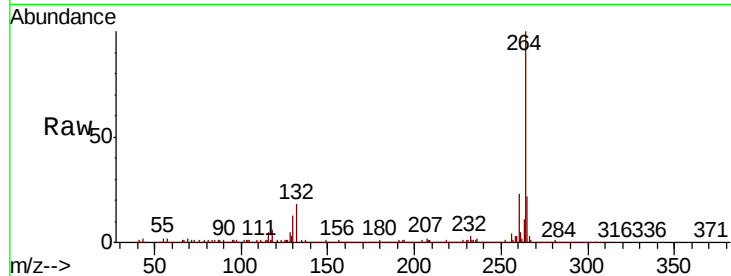
ClientSampleId :

FK-GF-02-035-B

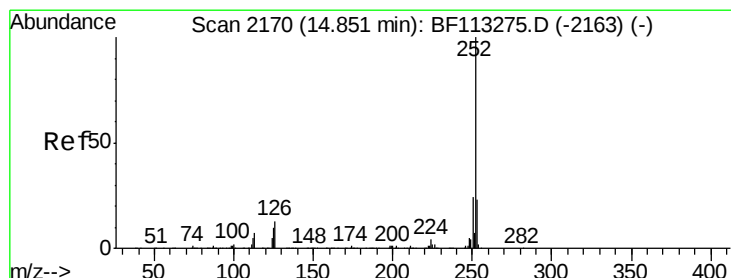
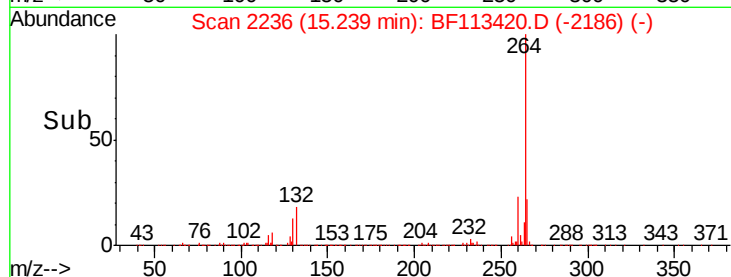
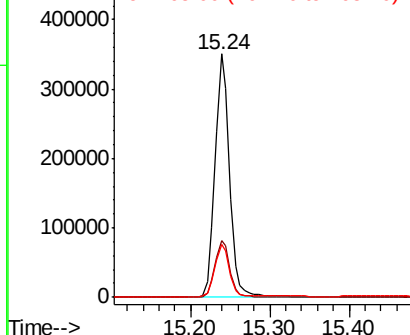
Tgt Ion:	264	Resp:	442542
Ion Ratio		Lower	Upper
264	100		
260	23.3	19.1	28.7
265	21.8	17.1	25.7

Manual Integrations
APPROVED

Sohil
4/1/2019 5:46:33 PM



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: 3.080 ng m

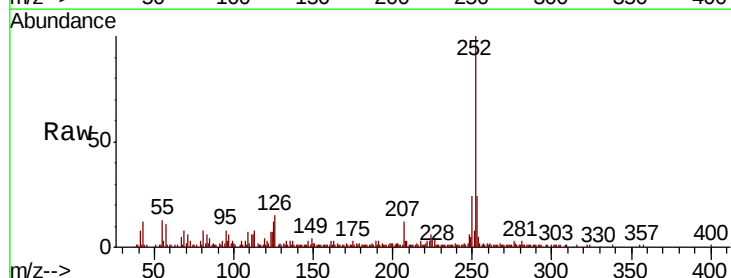
RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

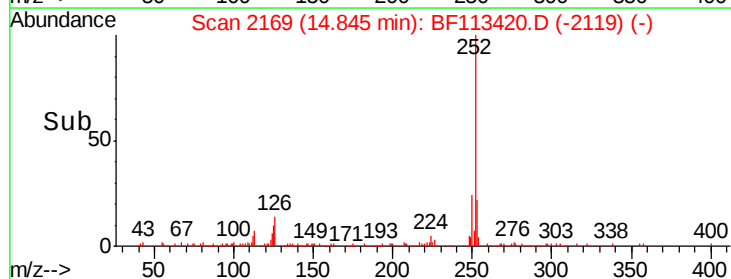
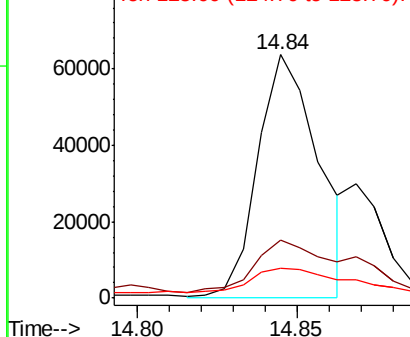
Lab File: BF113420.D

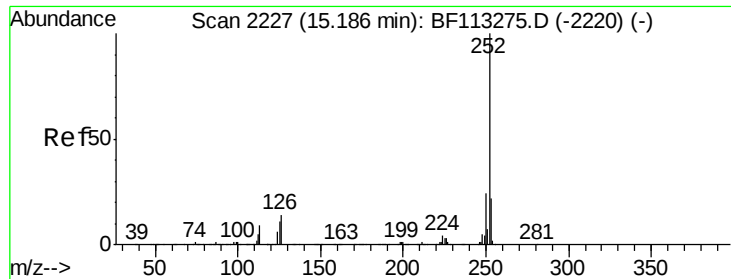
Acq: 29 Mar 2019 18:26

Tgt Ion:	252	Resp:	84680
Ion Ratio		Lower	Upper
252	100		
253	23.9	18.0	27.0
125	12.3	7.6	11.4#



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





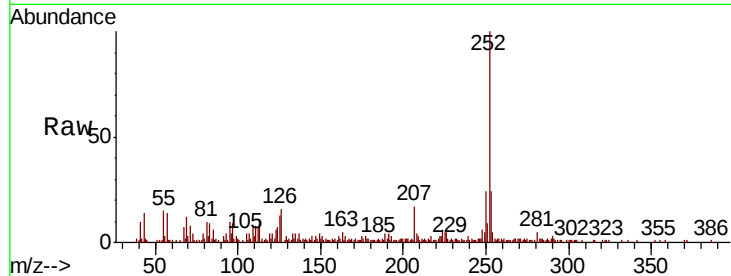
#90
Benzo(a)pyrene
Concen: 2.410 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF113420.D
Acq: 29 Mar 2019 18:26

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-035-B

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.9	26.9
125	13.3	8.8	13.2

Manual Integrations
APPROVED

Sohil
4/1/2019 5:46:33 PM



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

