

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
 Data File : BF115306.D
 Acq On : 29 Jun 2019 2:21
 Operator : HP/JU
 Sample : K3531-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-043-A

Quant Time: Jun 29 07:06:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

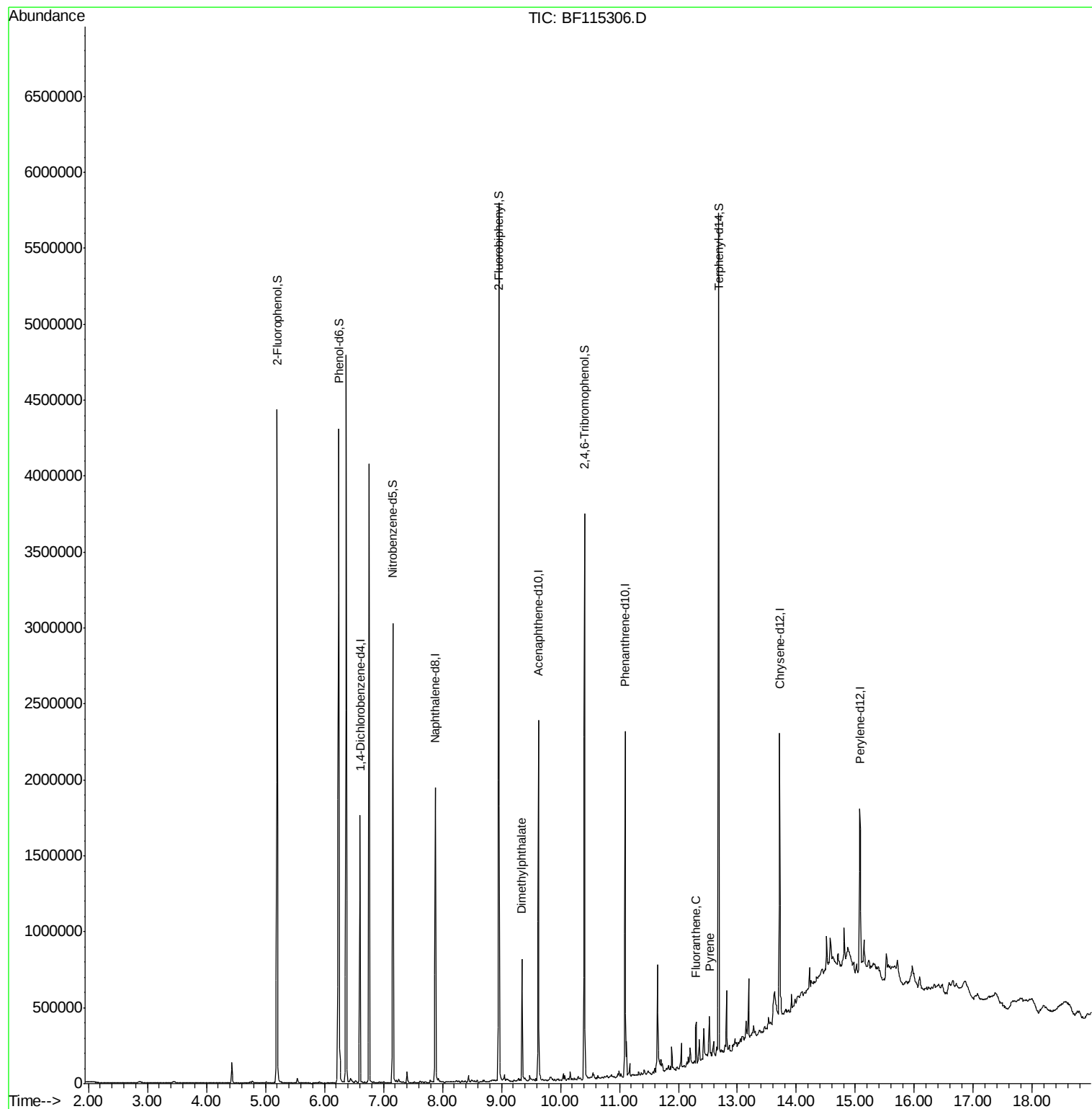
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	241415	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	926506	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	446434	20.00	ng	0.00
64) Phenanthrene-d10	11.09	188	829421	20.00	ng	0.00
76) Chrysene-d12	13.72	240	607986	20.00	ng	0.00
87) Perylene-d12	15.08	264	454128	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1392878	89.04	ng	0.01
7) Phenol-d6	6.24	99	1767277	93.07	ng	0.00
23) Nitrobenzene-d5	7.16	82	1023478	67.95	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	470437	99.93	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	1838671	69.96	ng	0.00
79) Terphenyl-d14	12.68	244	1884505	65.90	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.35	163	304950	9.284	ng	99
75) Fluoranthene	12.30	202	108288	2.430	ng	95
78) Pyrene	12.52	202	105306	2.254	ng	98

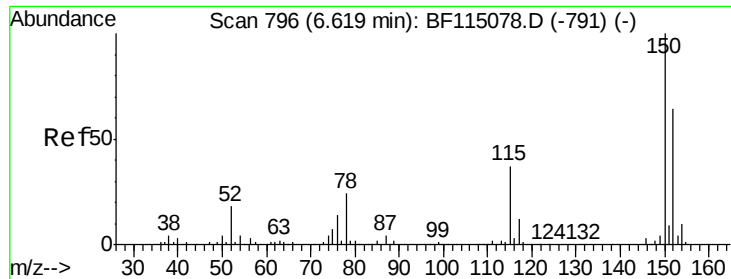
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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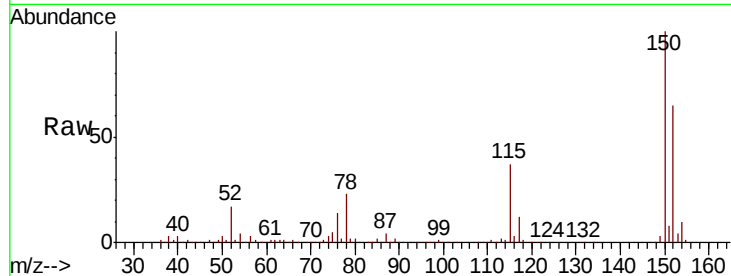


#1

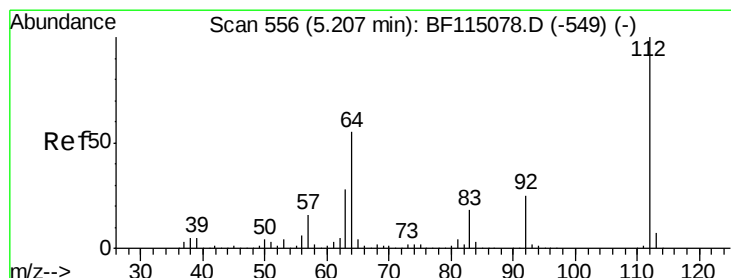
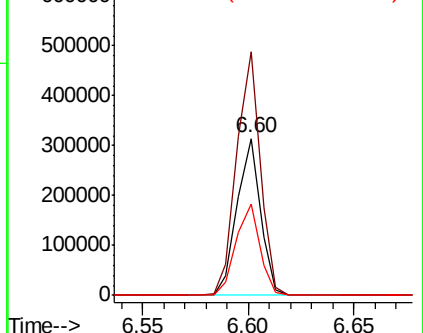
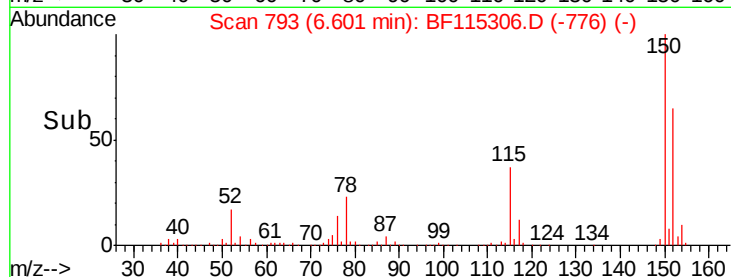
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.60 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF115306.D
 Acq: 29 Jun 2019 2:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-043-A

Tot Ion:152 Resp: 241415
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.2 186.2
 115 57.8 46.1 69.1



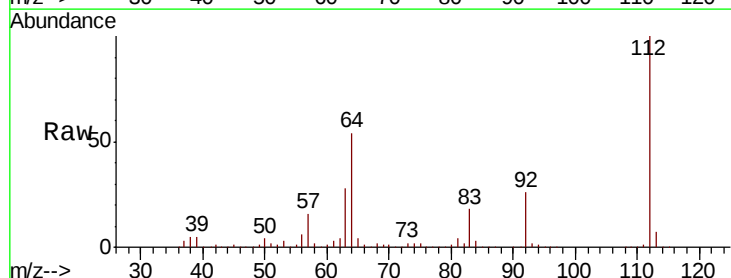
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



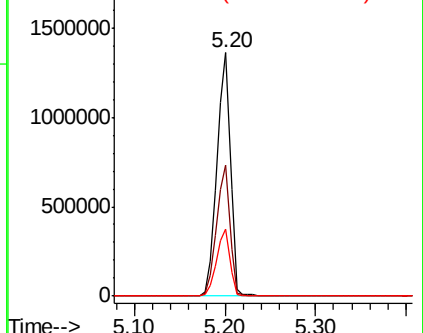
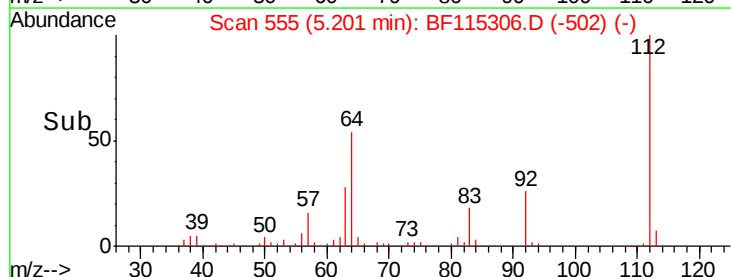
#5

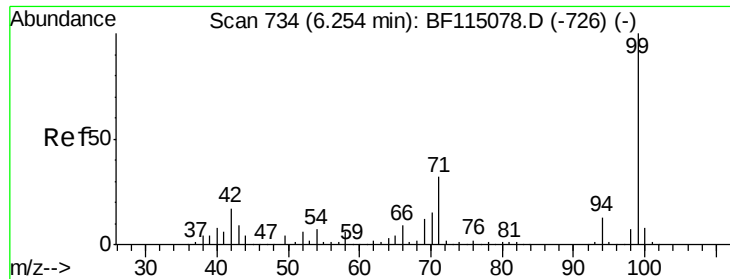
2-Fluorophenol
 Concen: 89.035 ng
 RT: 5.20 min Scan# 555
 Delta R.T. 0.01 min
 Lab File: BF115306.D
 Acq: 29 Jun 2019 2:21

Tgt Ion:112 Resp: 1392878
 Ion Ratio Lower Upper
 112 100
 64 53.8 43.8 65.6
 63 27.5 22.2 33.4



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: 93.073 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115306.D

Acq: 29 Jun 2019 2:21

Instrument :

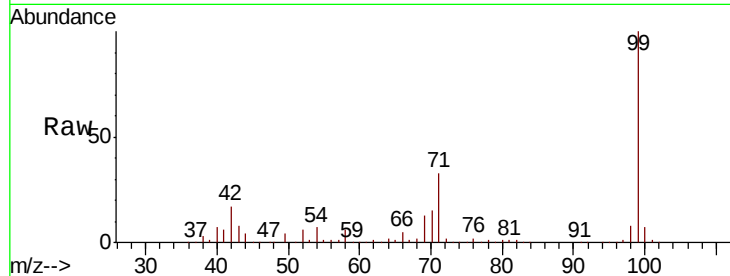
BNA_F

ClientSampleId :

FK-GF-02-043-A

Tot Ion: 99 Resp: 1767277

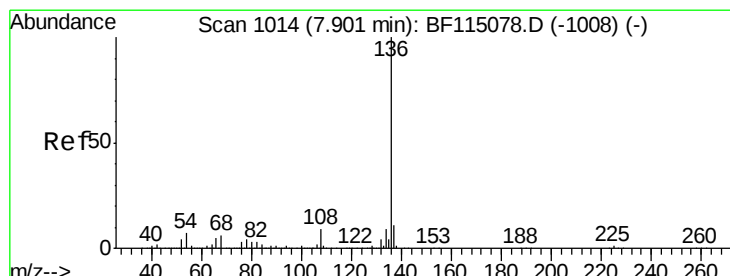
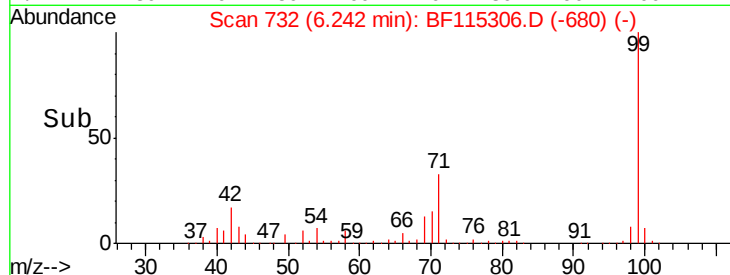
Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.6	20.4
71	33.0	25.5	38.3



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: 7.88 min Scan# 1010

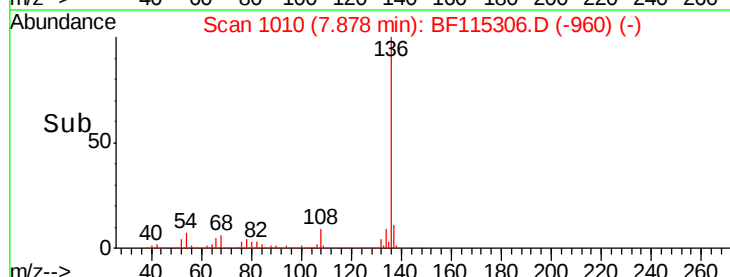
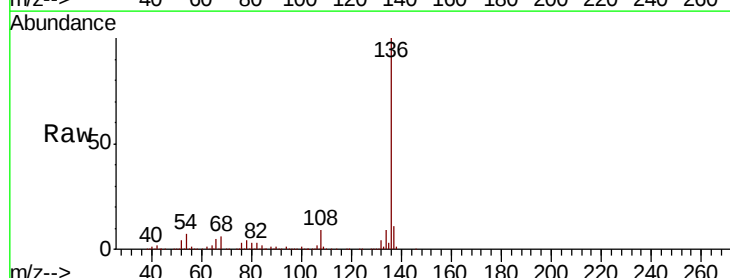
Delta R.T. -0.01 min

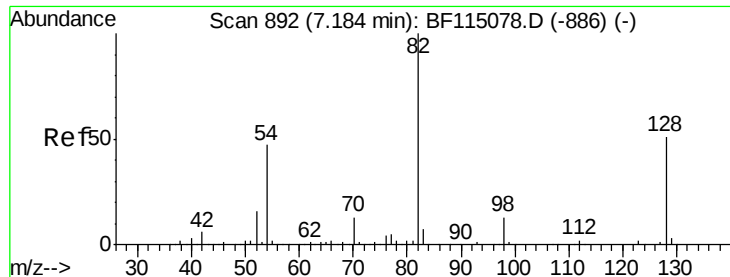
Lab File: BF115306.D

Acq: 29 Jun 2019 2:21

Tgt Ion: 136 Resp: 926506

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.4	5.6	8.4
68	6.3	4.8	7.2





#23

Nitrobenzene-d5

Concen: 67.954 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF115306.D

Acq: 29 Jun 2019 2:21

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-043-A

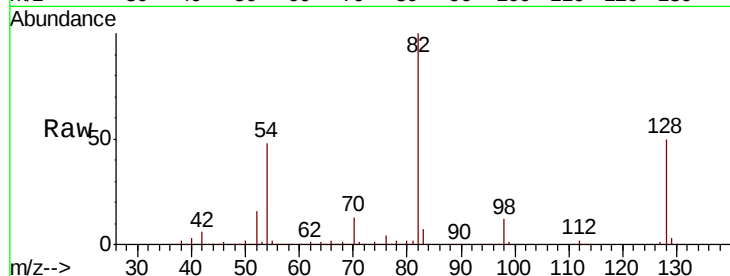
Tot Ion: 82 Resp: 1023478

Ion Ratio Lower Upper

82 100

128 50.0 40.4 60.6

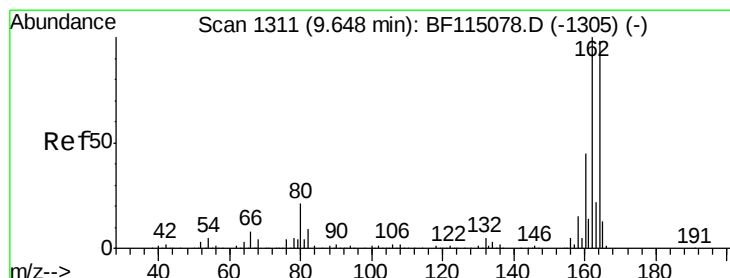
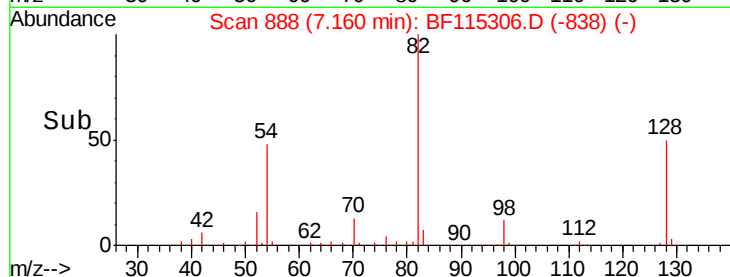
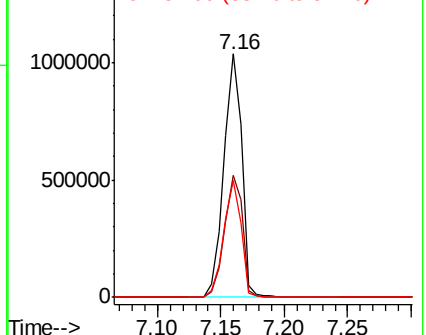
54 47.8 37.5 56.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.62 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF115306.D

Acq: 29 Jun 2019 2:21

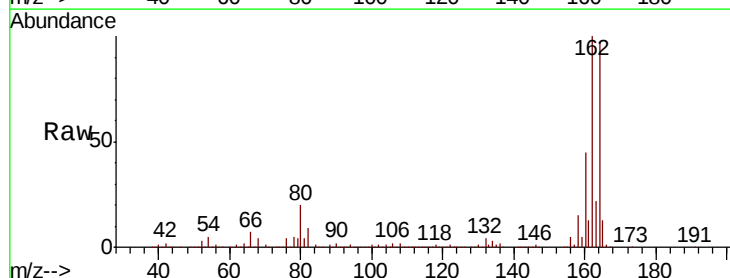
Tgt Ion:164 Resp: 446434

Ion Ratio Lower Upper

164 100

162 103.0 81.7 122.5

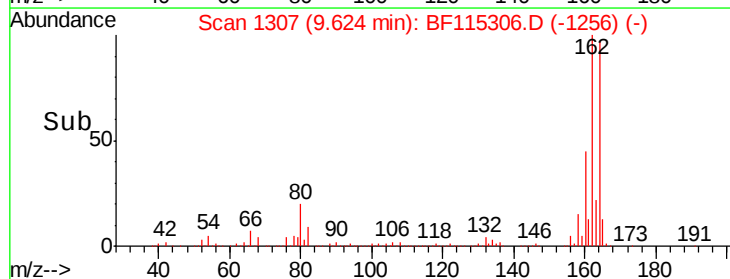
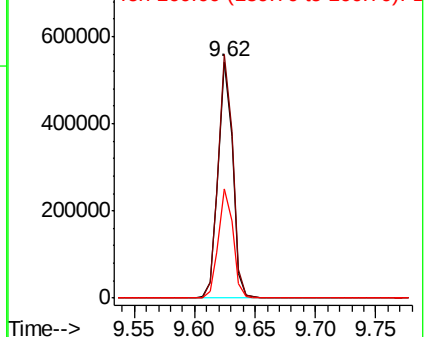
160 46.3 37.0 55.4

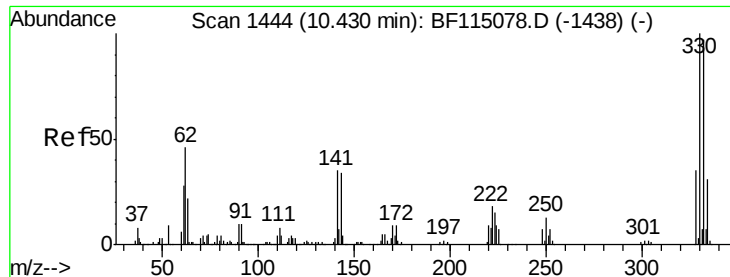


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

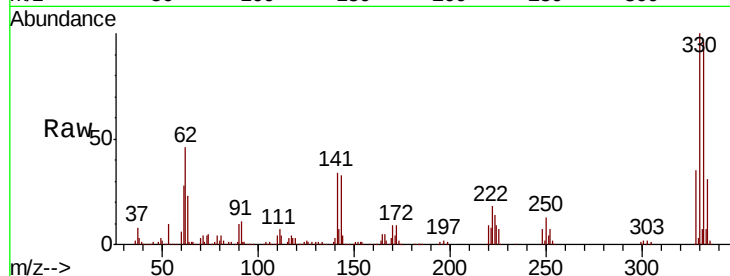




#42
 2,4,6-Tribromophenol
 Concen: 99.927 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF115306.D
 Acq: 29 Jun 2019 2:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-043-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.3	115.9
141	32.7	28.2	42.2

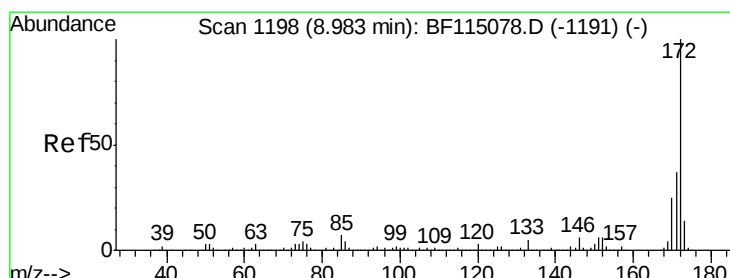
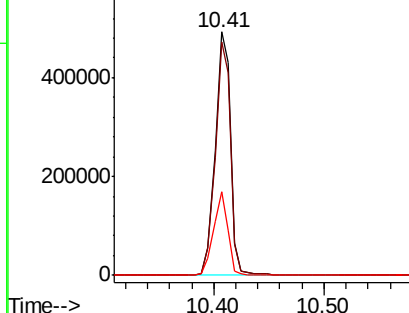
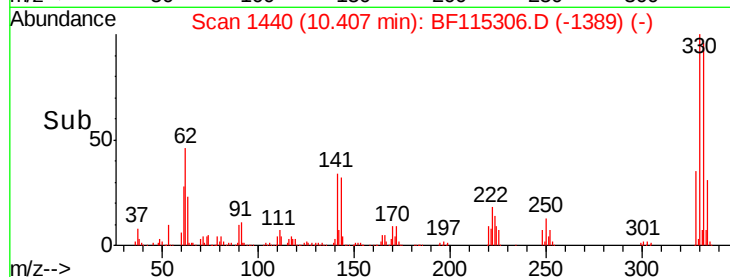


Abundance

Ion 329.80 (329.50 to 330.50): E

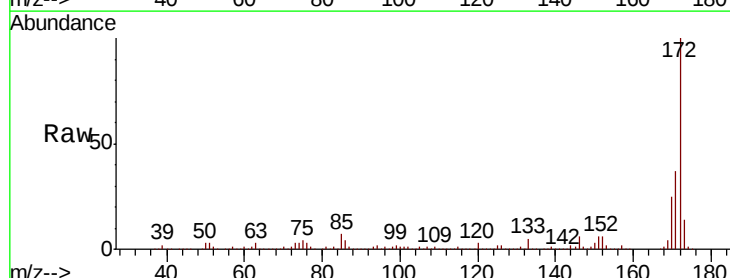
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 69.959 ng
 RT: 8.96 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF115306.D
 Acq: 29 Jun 2019 2:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.8	44.6
170	25.0	20.3	30.5

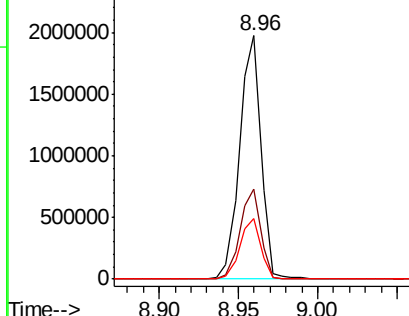
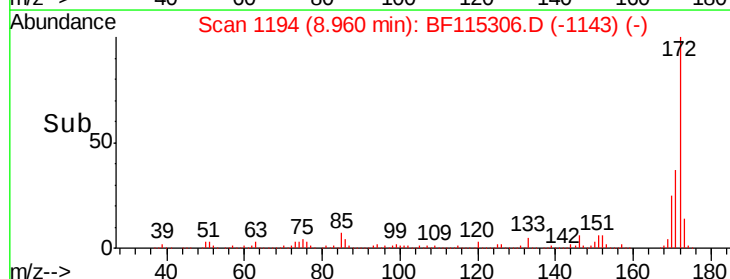


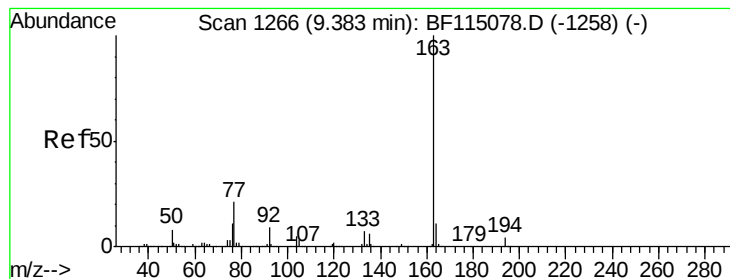
Abundance

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: 9.284 ng

RT: 9.35 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF115306.D

Acq: 29 Jun 2019 2:21

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-043-A

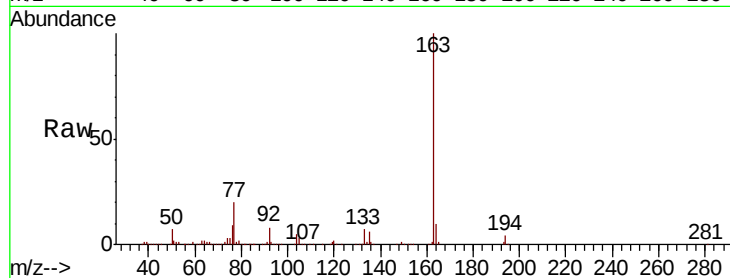
Tot Ion:163 Resp: 304950

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

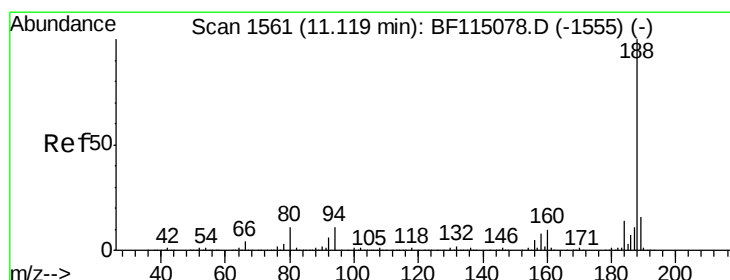
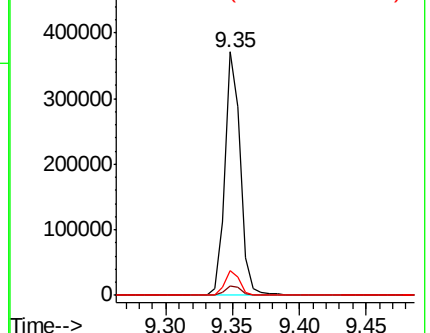
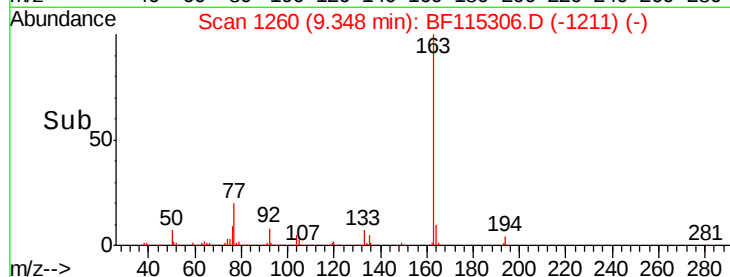
164 10.3 8.6 13.0



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: 11.09 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF115306.D

Acq: 29 Jun 2019 2:21

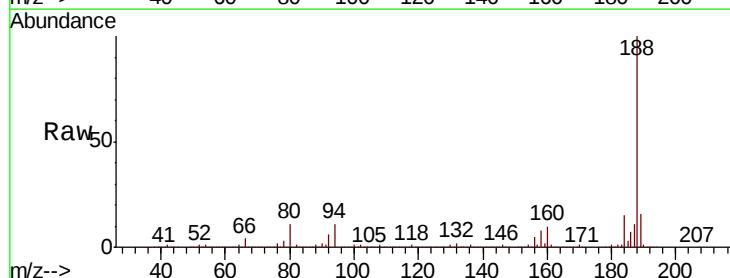
Tgt Ion:188 Resp: 829421

Ion Ratio Lower Upper

188 100

94 10.6 8.6 12.8

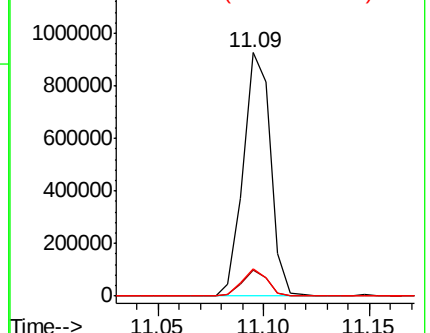
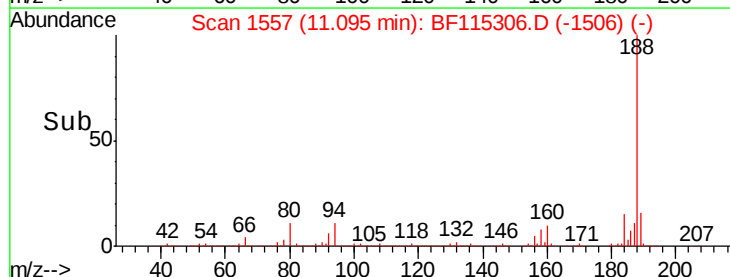
80 11.1 8.8 13.2

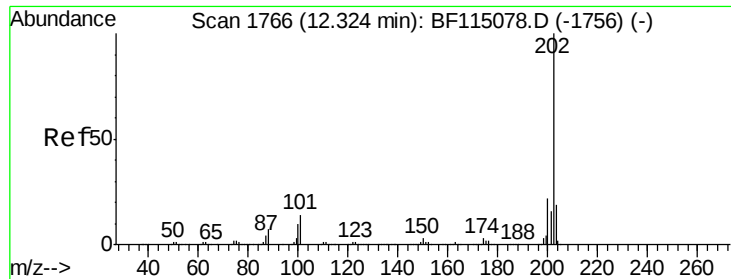


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 2.430 ng

RT: 12.30 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF115306.D

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FK-GF-02-043-A

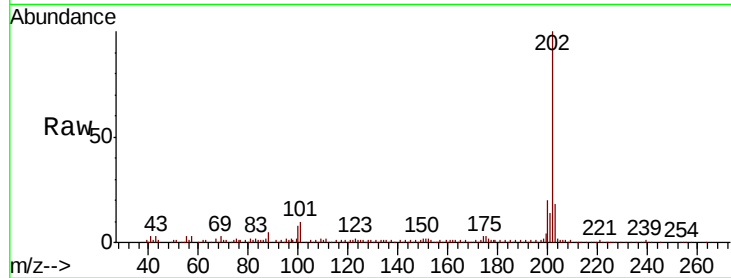
Tot Ion:202 Resp: 108288

Ion Ratio Lower Upper

202 100

101 10.3 0.0 34.0

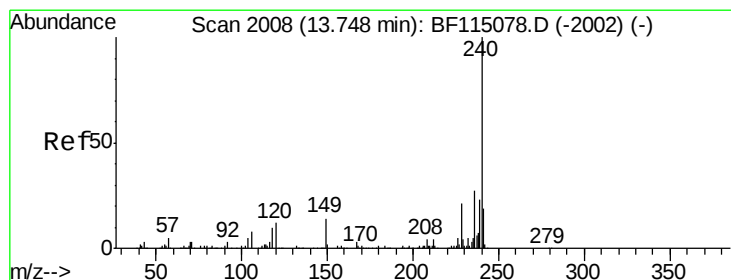
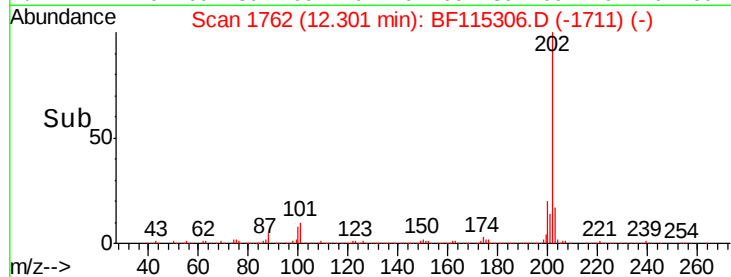
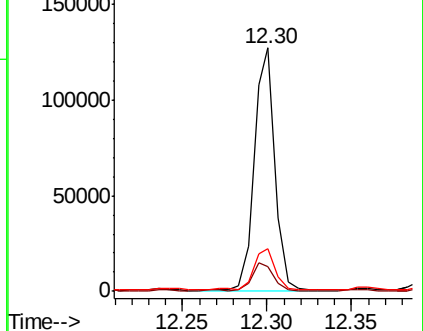
203 17.7 0.0 38.8



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: 13.72 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF115306.D

Acq: 29 Jun 2019 2:21

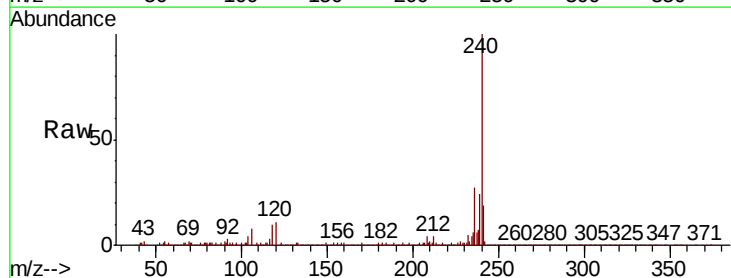
Tgt Ion:240 Resp: 607986

Ion Ratio Lower Upper

240 100

120 11.4 9.4 14.2

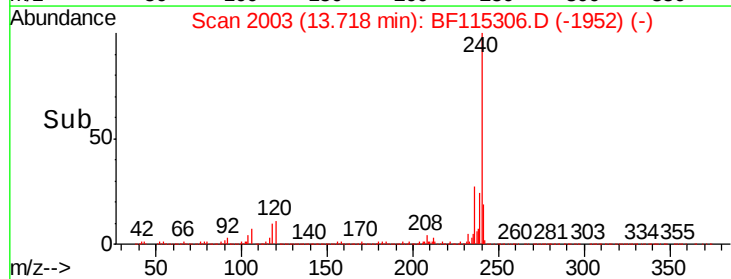
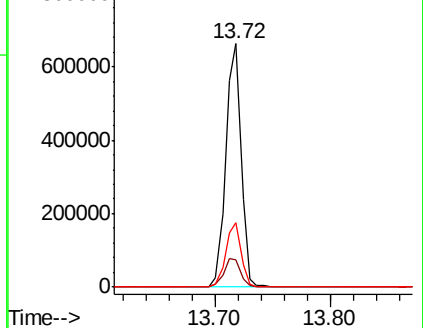
236 26.7 21.7 32.5

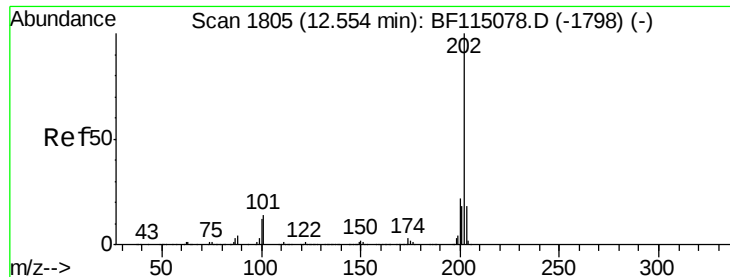


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

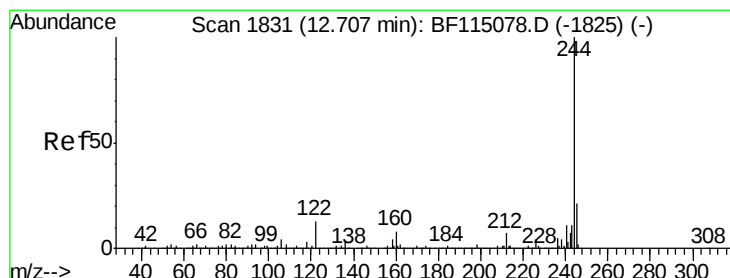
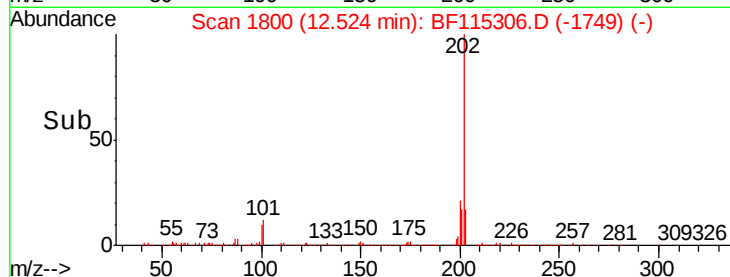
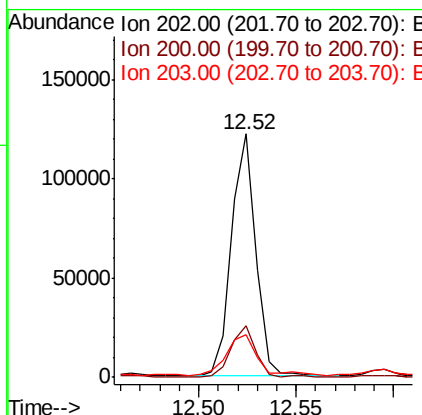
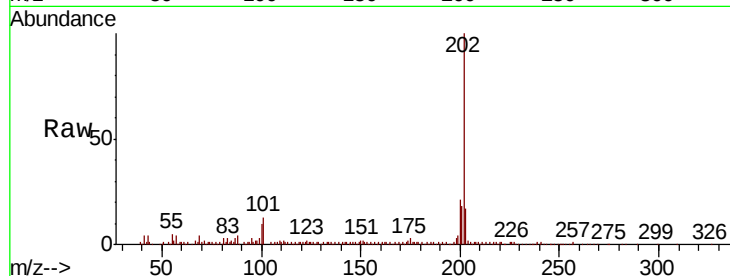




#78
Pvrene
Concen: 2.254 ng
RT: 12.52 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BF115306.D
Acq: 29 Jun 2019 2:21

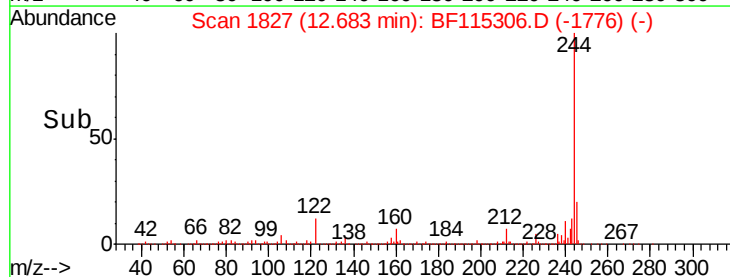
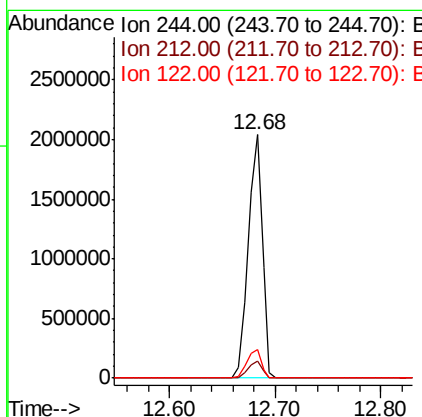
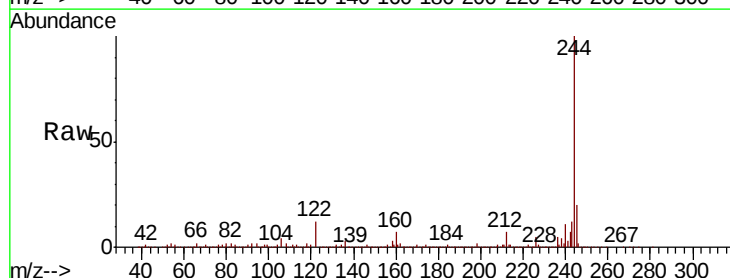
Instrument :
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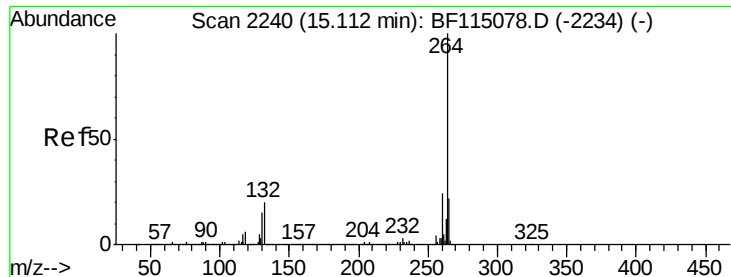
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.9	26.9
203	17.3	14.6	21.8



#79
Terphenyl-d14
Concen: 65.902 ng
RT: 12.68 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF115306.D
Acq: 29 Jun 2019 2:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	11.9	10.4	15.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.08 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF115306.D
Acq: 29 Jun 2019 2:21

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-043-A

Tot Ion:264 Resp: 454128
Ion Ratio Lower Upper
264 100
260 24.6 19.6 29.4
265 22.0 17.3 25.9

