

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
 Data File : BF117296.D
 Acq On : 2 Oct 2019 13:44
 Operator : JU
 Sample : K5134-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-061

Quant Time: Oct 03 01:53:41 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

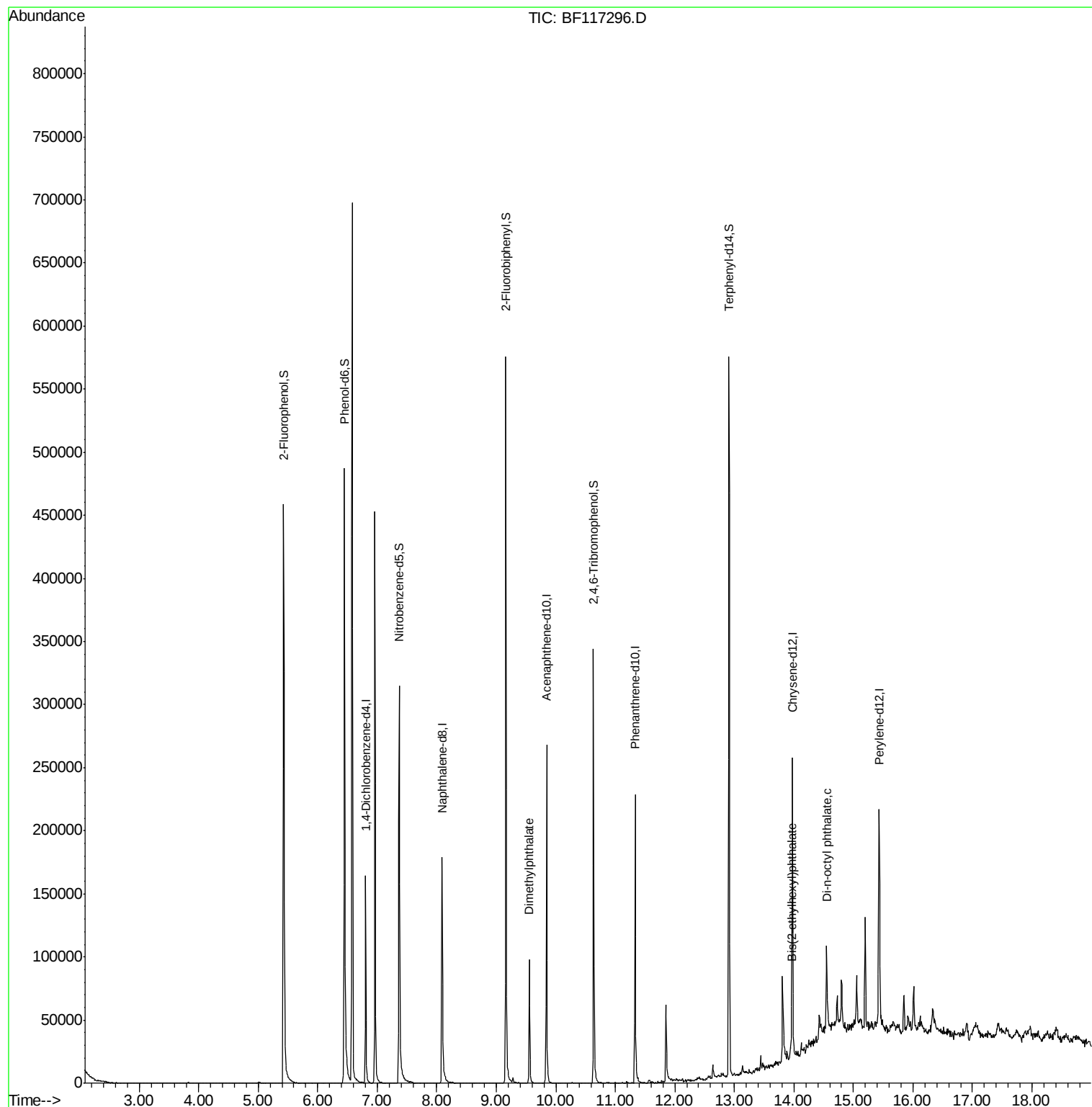
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	28517	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	115365	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	62111	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	98402	20.00	ng	0.00
76) Chrysene-d12	13.97	240	80179	20.00	ng	0.00
87) Perylene-d12	15.43	264	75621	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	159494	87.32	ng	-0.01
7) Phenol-d6	6.45	99	218140	92.41	ng	0.00
23) Nitrobenzene-d5	7.37	82	128815	58.67	ng	-0.02
42) 2,4,6-Tribromophenol	10.64	330	42340	81.56	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	191413	48.19	ng	-0.01
79) Terphenyl-d14	12.91	244	187994	43.83	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	42246	9.606	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	9676	2.361	ng	# 59
85) Di-n-octyl phthalate	14.55	149	37721	5.847	ng	# 76

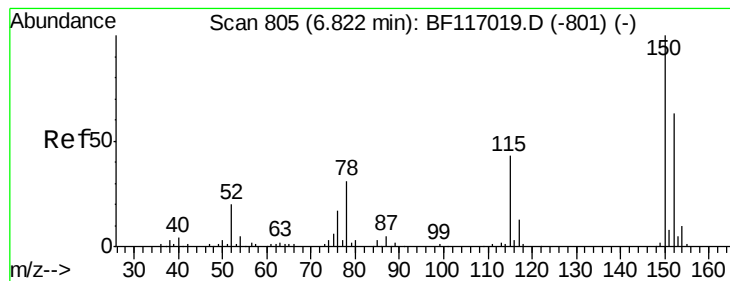
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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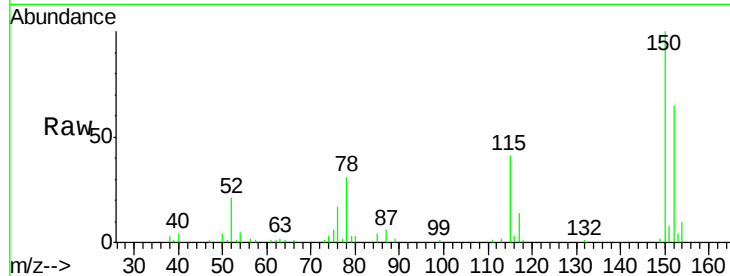


#1

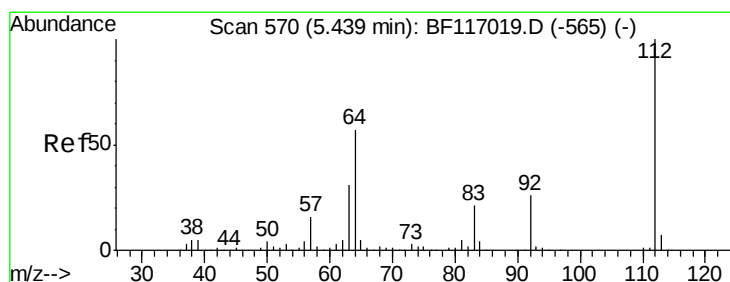
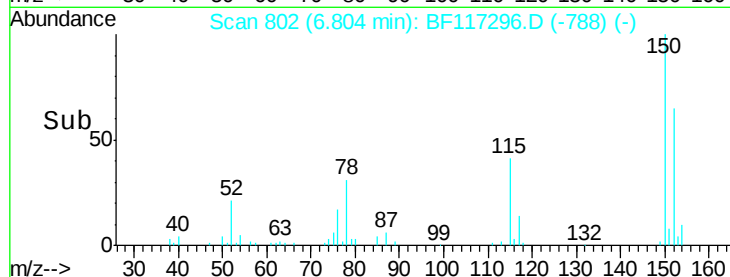
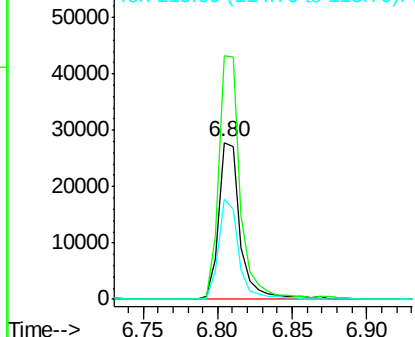
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117296.D
Acq: 2 Oct 2019 13:44

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-061

Tot Ion:152 Resp: 28517
Ion Ratio Lower Upper
152 100
150 155.0 127.5 191.3
115 63.8 55.0 82.4



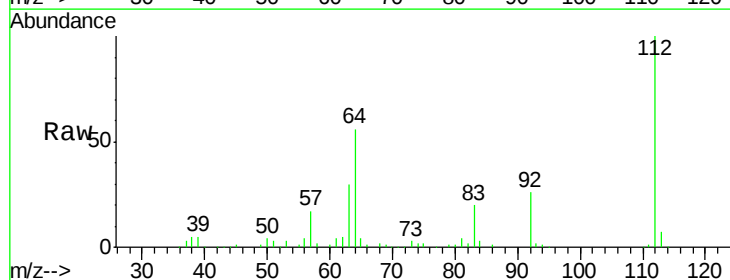
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



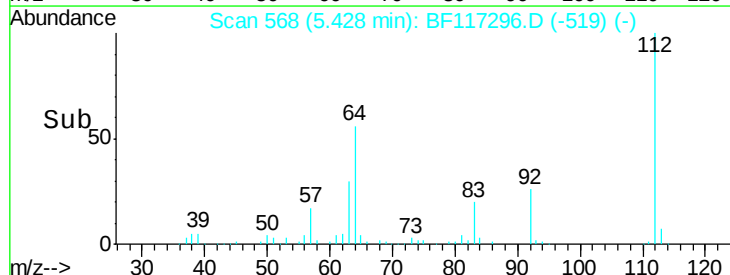
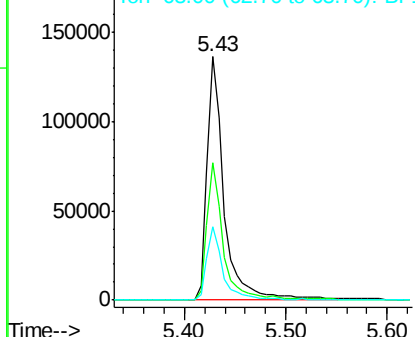
#5

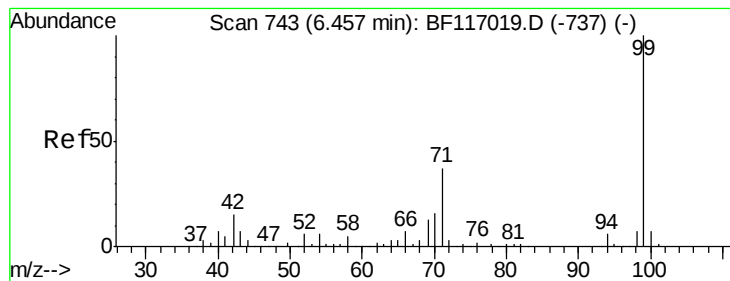
2-Fluorophenol
Concen: 87.320 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF117296.D
Acq: 2 Oct 2019 13:44

Tgt Ion:112 Resp: 159494
Ion Ratio Lower Upper
112 100
64 56.2 45.7 68.5
63 30.0 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: 92.410 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117296.D

Acq: 2 Oct 2019 13:44

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-061

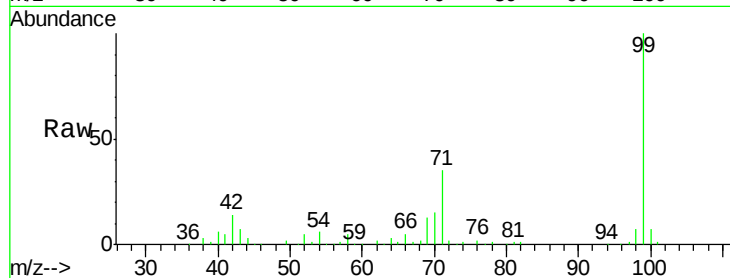
Tot Ion: 99 Resp: 218140

Ion Ratio Lower Upper

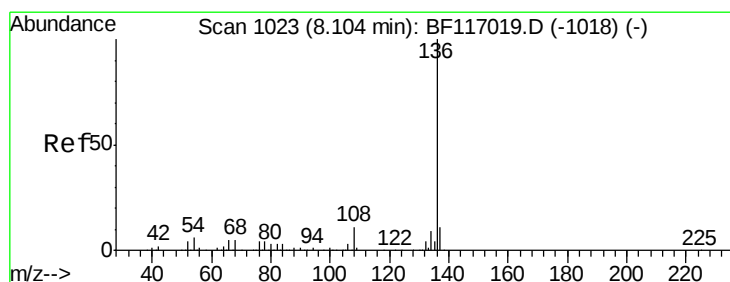
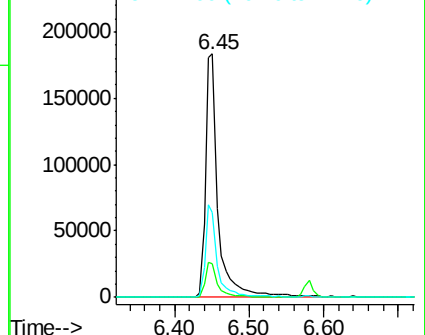
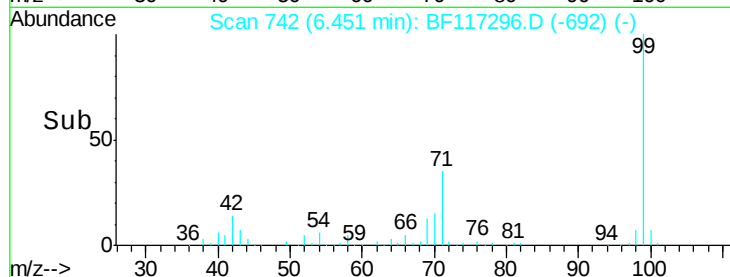
99 100

42 13.8 12.2 18.2

71 35.0 29.8 44.8



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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF117296.D

Acq: 2 Oct 2019 13:44

Tgt Ion: 136 Resp: 115365

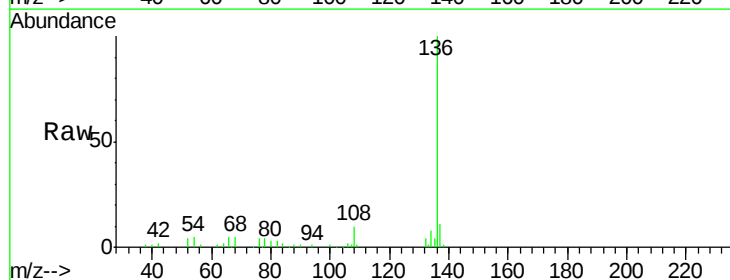
Ion Ratio Lower Upper

136 100

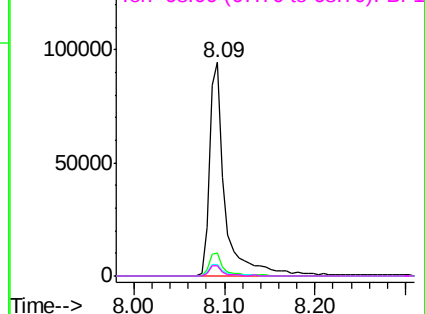
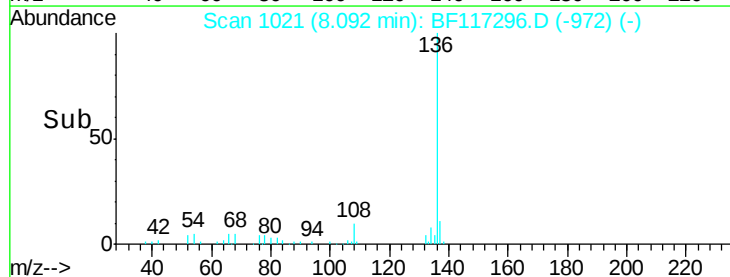
137 10.5 9.0 13.4

54 5.4 4.5 6.7

68 4.9 4.0 6.0



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

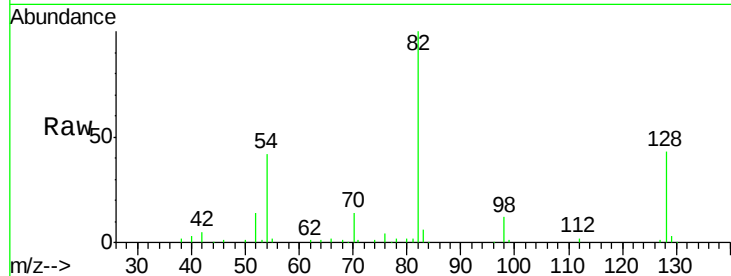




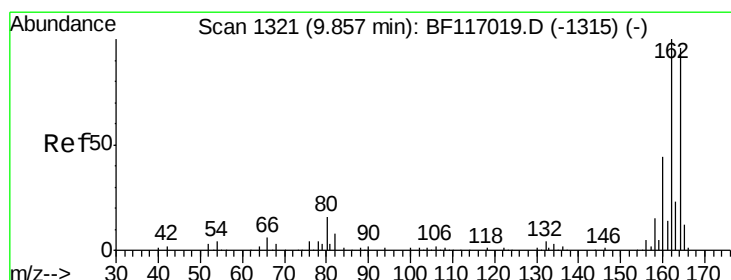
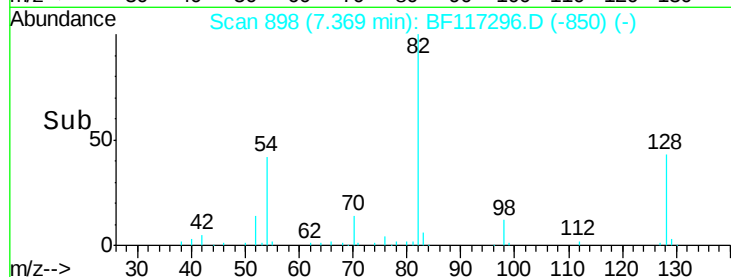
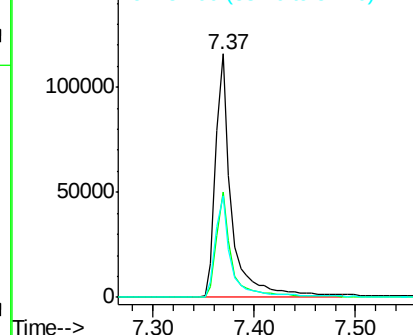
#23
 Nitrobenzene-d5
 Concen: 58.668 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF117296.D
 Acq: 2 Oct 2019 13:44

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-061

Tot Ion	82	Resp	128	15
Ion Ratio	100			
Lower	32.3			
Upper	48.5			
54	41.8		33.3	49.9

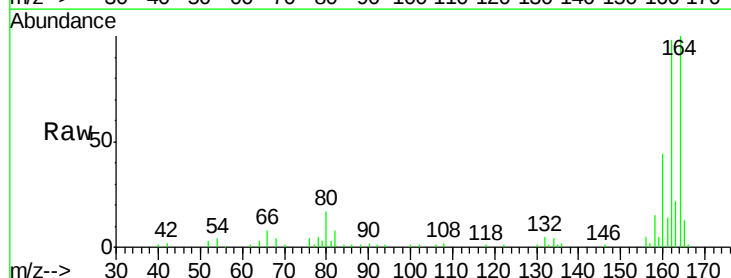


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

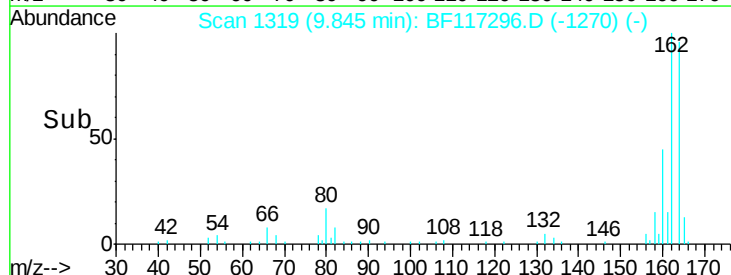
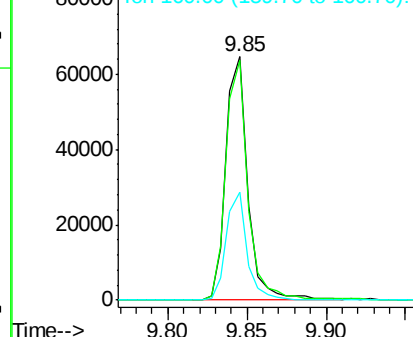


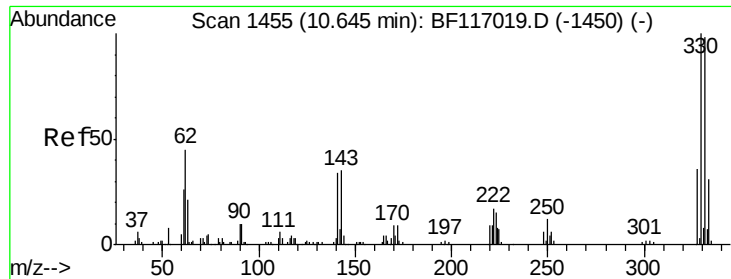
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF117296.D
 Acq: 2 Oct 2019 13:44

Tgt Ion	164	Resp	62	111
Ion Ratio	100			
Lower	83.4			
Upper	125.2			
162	98.4		36.4	54.6



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 81.563 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117296.D

Acq: 2 Oct 2019 13:44

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-061

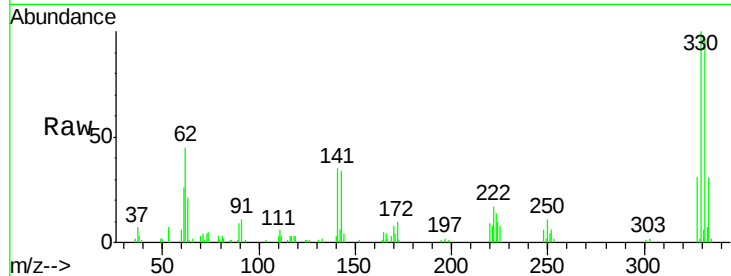
Tot Ion:330 Resp: 42340

Ion Ratio Lower Upper

330 100

332 94.6 78.0 117.0

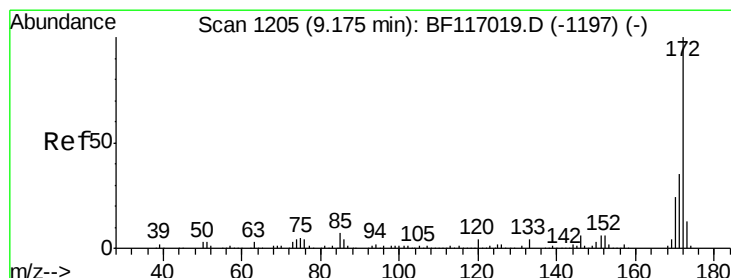
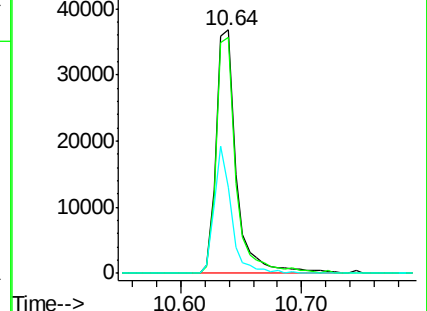
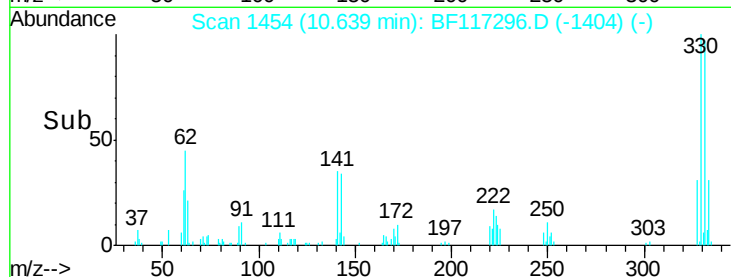
141 43.8 35.8 53.6



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: 48.186 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF117296.D

Acq: 2 Oct 2019 13:44

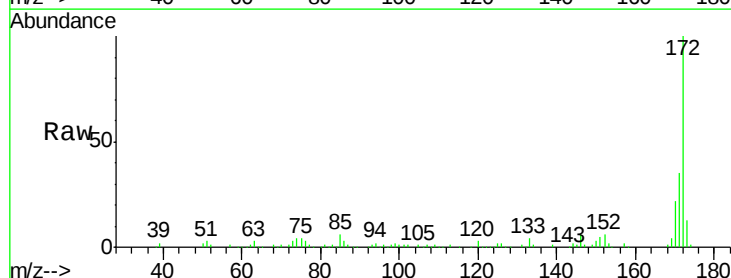
Tgt Ion:172 Resp: 191413

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

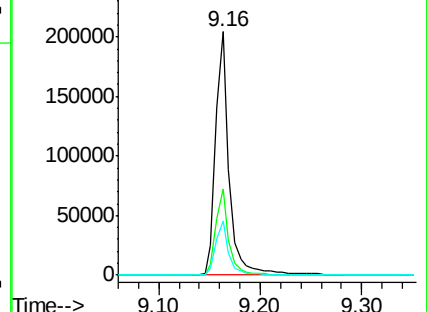
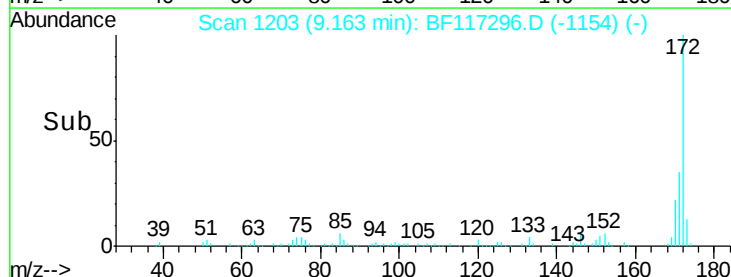
170 22.1 18.9 28.3

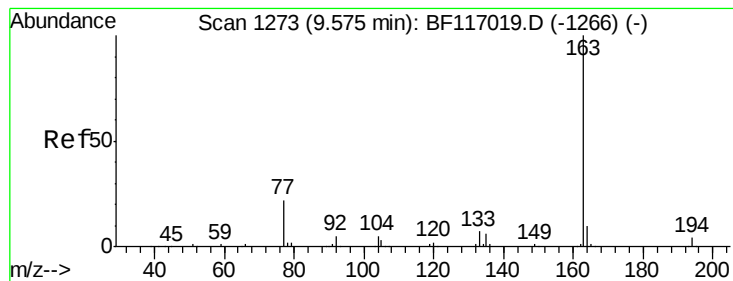


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 9.606 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF117296.D

Acq: 2 Oct 2019 13:44

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-061

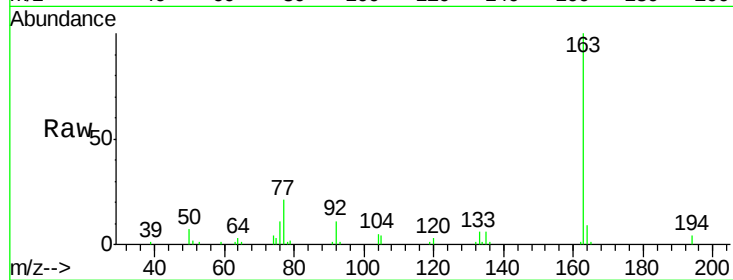
Tot Ion:163 Resp: 42246

Ion Ratio Lower Upper

163 100

194 3.5 2.9 4.3

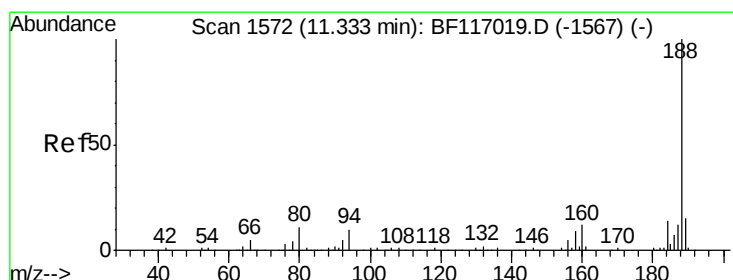
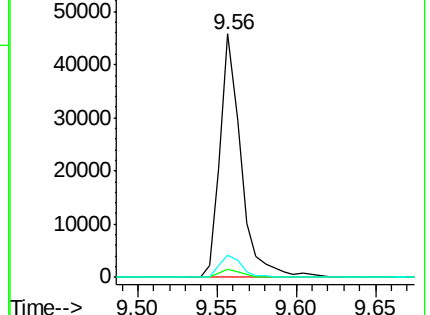
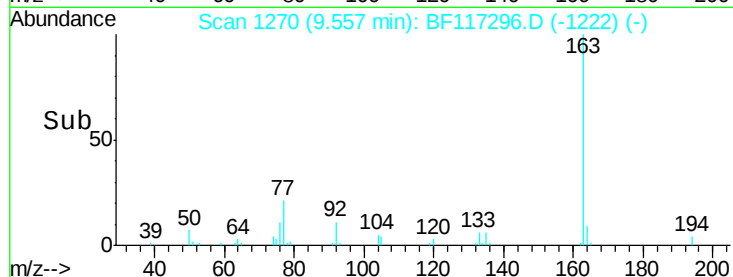
164 9.2 8.2 12.4



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: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF117296.D

Acq: 2 Oct 2019 13:44

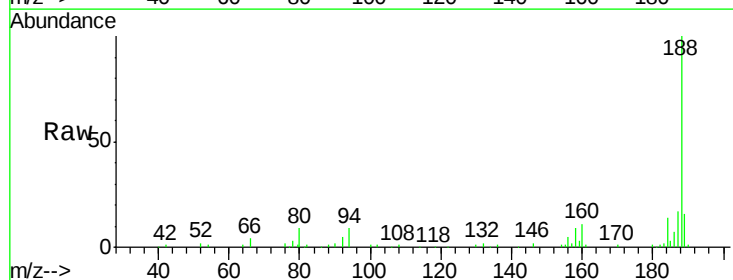
Tgt Ion:188 Resp: 98402

Ion Ratio Lower Upper

188 100

94 8.6 8.2 12.2

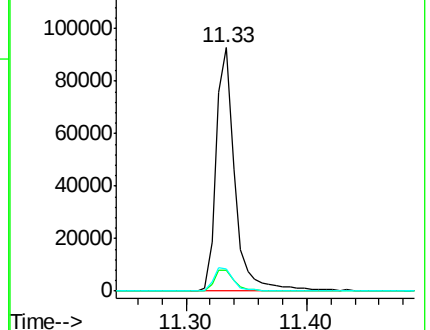
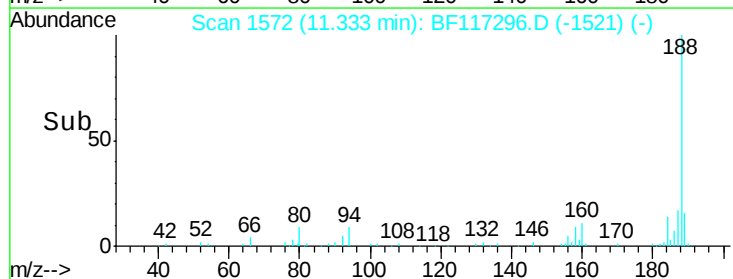
80 9.1 9.0 13.6

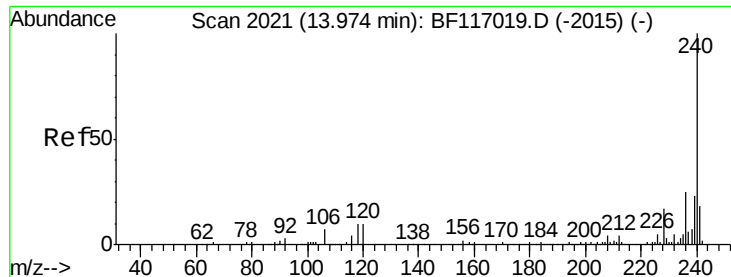


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

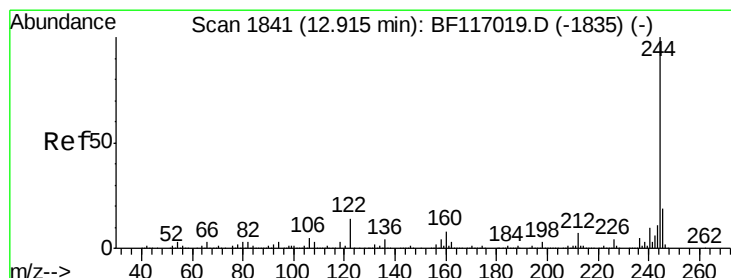
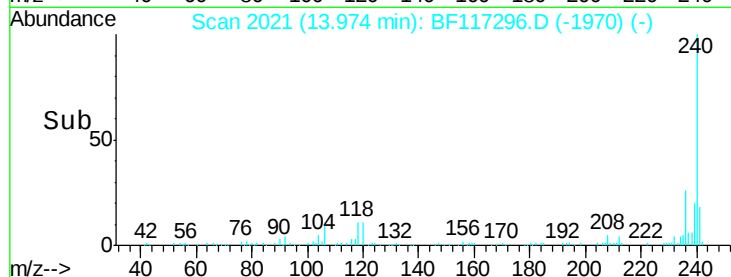
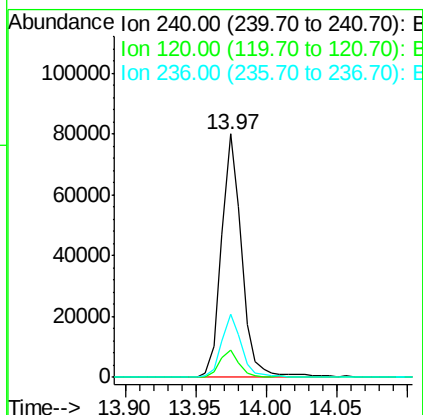
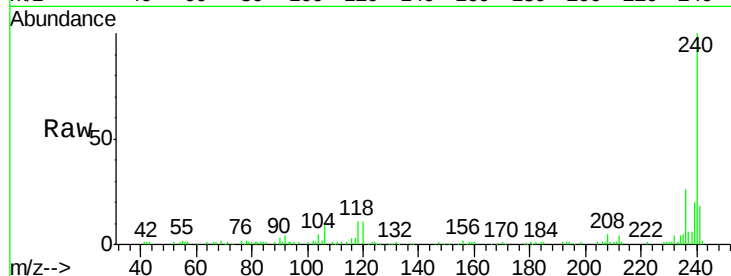




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF117296.D
Acq: 2 Oct 2019 13:44

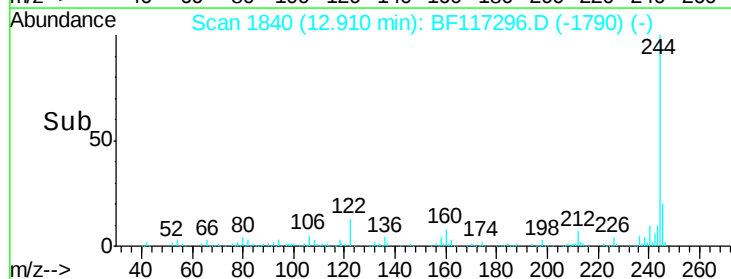
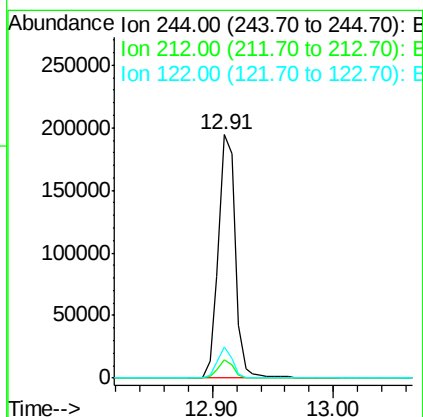
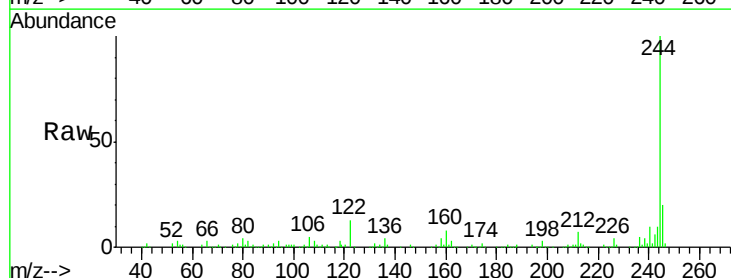
Instrument :
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FK-PS-01-061

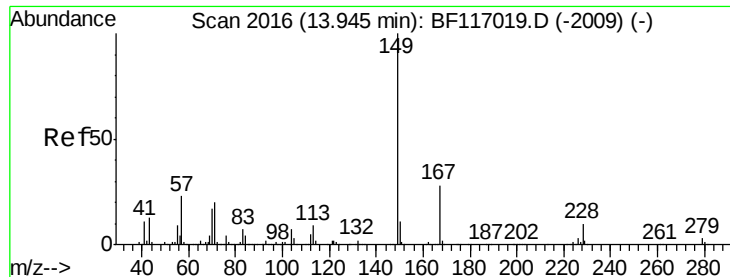
Tot Ion:240 Resp: 80179
Ion Ratio Lower Upper
240 100
120 11.3 8.3 12.5
236 25.9 20.3 30.5



#79
Terphenyl-d14
Concen: 43.827 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117296.D
Acq: 2 Oct 2019 13:44

Tgt Ion:244 Resp: 187994
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 12.9 11.3 16.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.361 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF117296.D

Acq: 2 Oct 2019 13:44

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-061

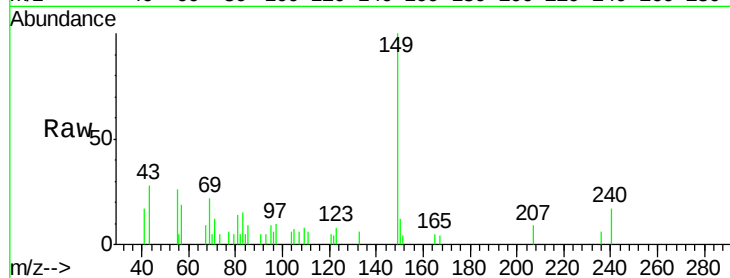
Tot Ion:149 Resp: 9676

Ion Ratio Lower Upper

149 100

167 4.3 22.2 33.2#

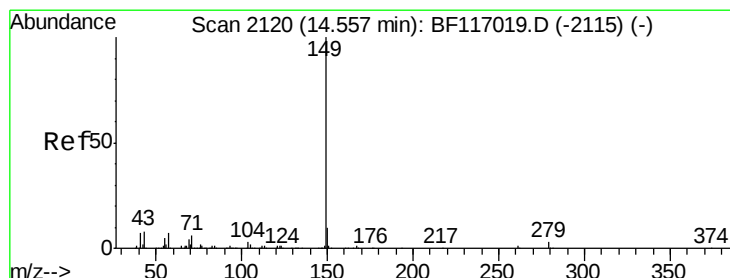
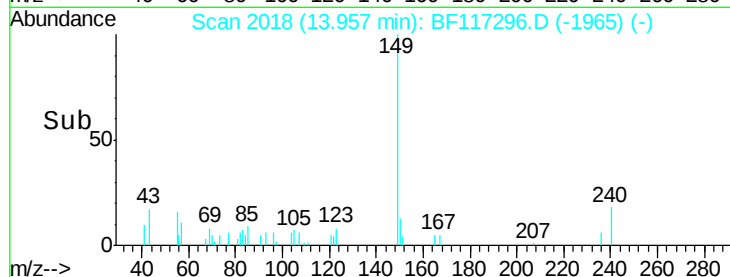
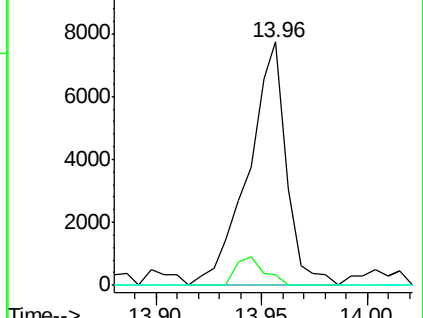
279 0.0 2.8 4.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 5.847 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BF117296.D

Acq: 2 Oct 2019 13:44

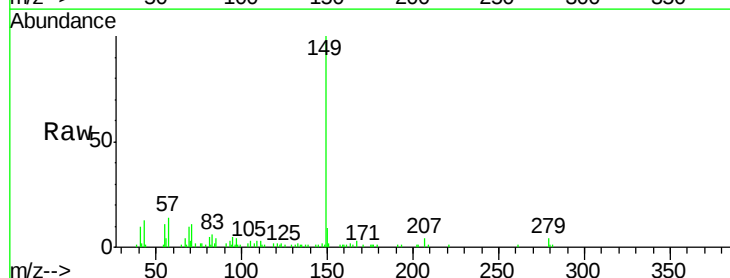
Tgt Ion:149 Resp: 37721

Ion Ratio Lower Upper

149 100

167 4.1 1.2 1.8#

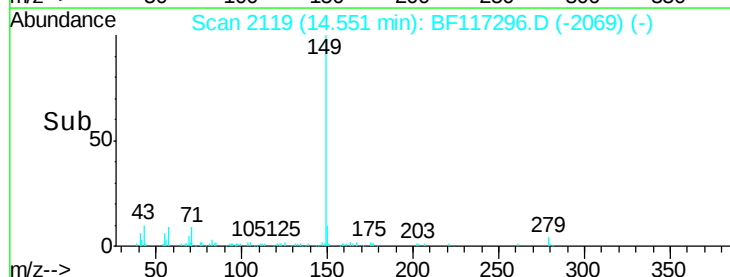
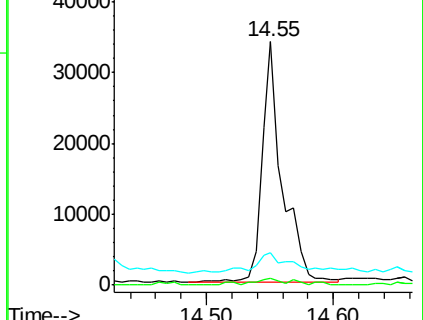
43 17.5 6.2 9.4#

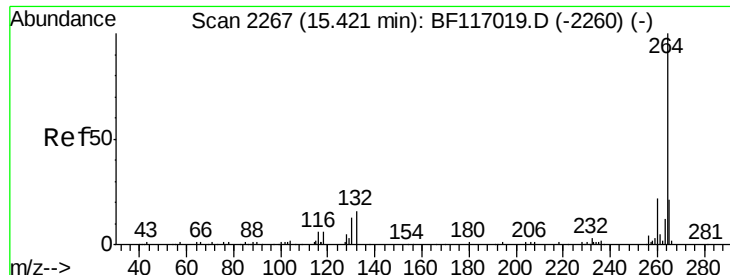


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

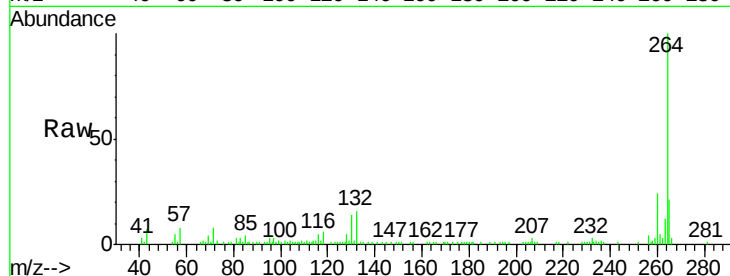




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF117296.D
 Acq: 2 Oct 2019 13:44

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-061

Tot Ion:264 Resp: 75621
 Ion Ratio Lower Upper
 264 100
 260 23.7 17.6 26.4
 265 20.6 16.6 24.8



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

