

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111729.D
 Acq On : 26 Dec 2018 22:25
 Operator : JU/SJ
 Sample : J6525-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-2(5)

Quant Time: Dec 27 03:39:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

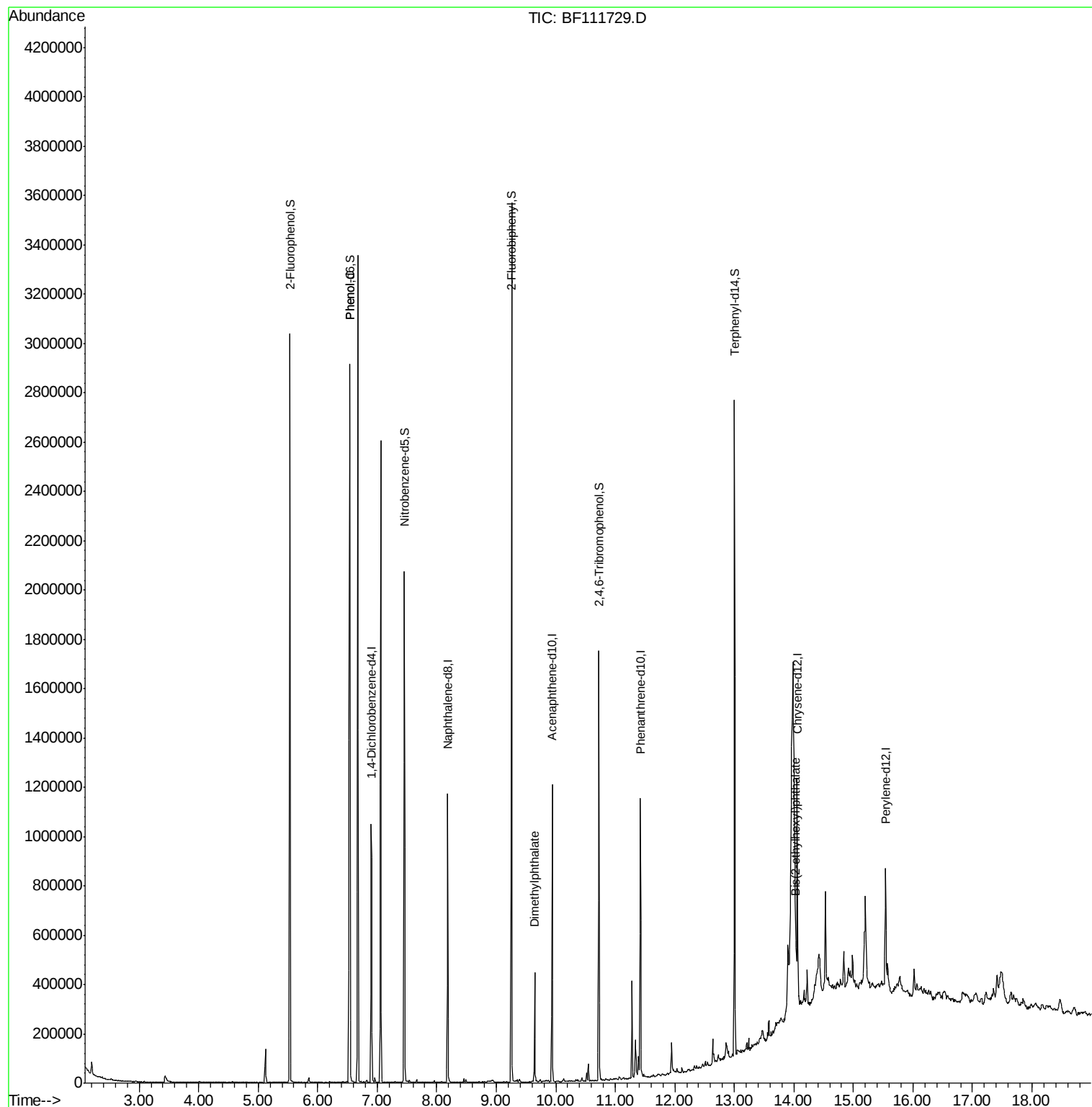
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	149067	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	532712	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	229330	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	368572	20.00	ng	0.00
76) Chrysene-d12	14.06	240	325707	20.00	ng	0.00
87) Perylene-d12	15.54	264	229730	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	736134	84.17	ng	0.02
7) Phenol-d6	6.54	99	927352	83.32	ng	0.02
23) Nitrobenzene-d5	7.46	82	573781	62.70	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	206997	76.39	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1018818	64.75	ng	0.00
79) Terphenyl-d14	13.00	244	863907	50.30	ng	0.00
Target Compounds						
10) Phenol	6.55	94	67747	5.395	ng	90
50) Dimethylphthalate	9.65	163	156903	9.356	ng	96
84) Bis(2-ethylhexyl)phthalate	14.04	149	39886	3.377	ng	# 95

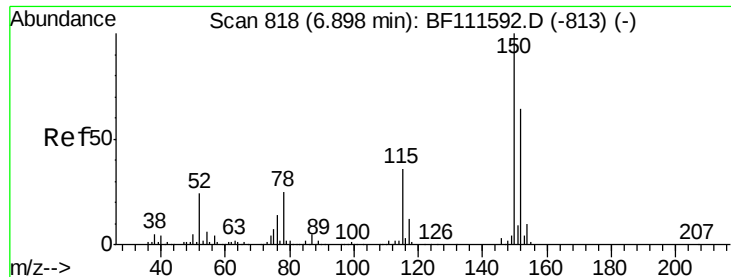
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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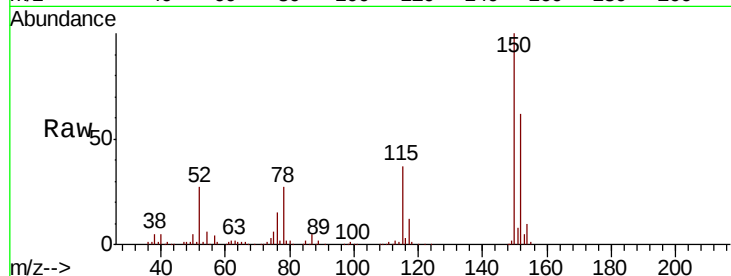


#1

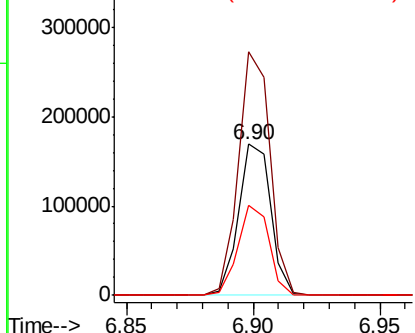
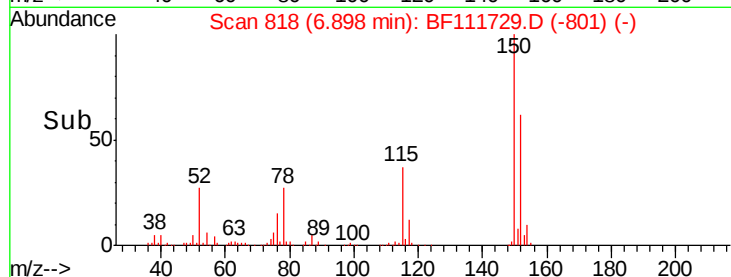
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

Instrument :
BNA_F
ClientSampleId :
S-2(5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	126.6	189.8
115	59.8	50.7	76.1



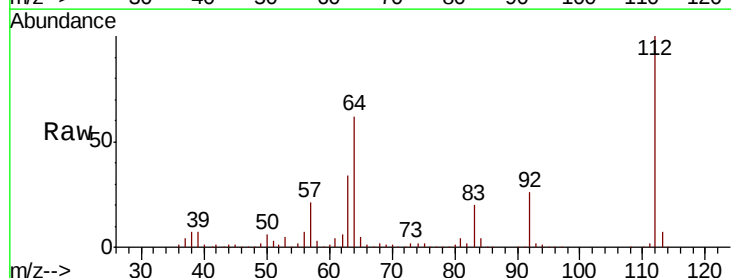
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



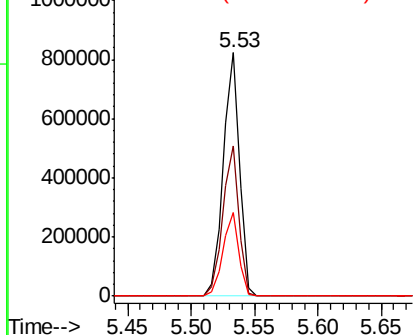
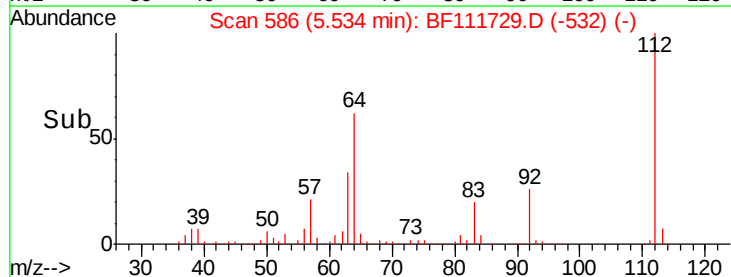
#5

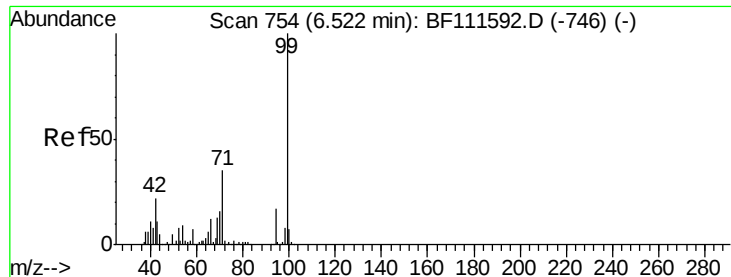
2-Fluorophenol
Concen: 84.175 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.7	51.8	77.6
63	34.5	26.8	40.2



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: 83.322 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111729.D

Acq: 26 Dec 2018 22:25

Instrument :

BNA_F

ClientSampleId :

S-2(5)

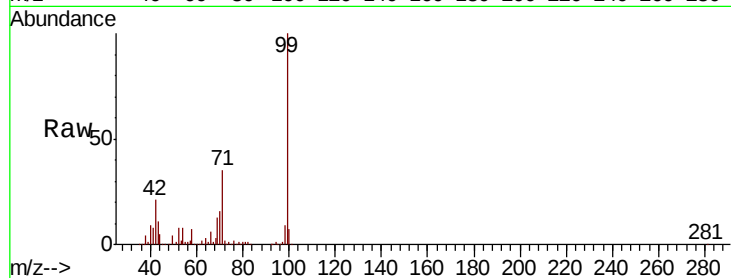
Tot Ion: 99 Resp: 927352

Ion Ratio Lower Upper

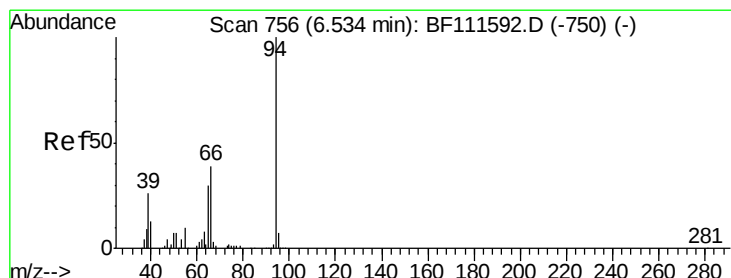
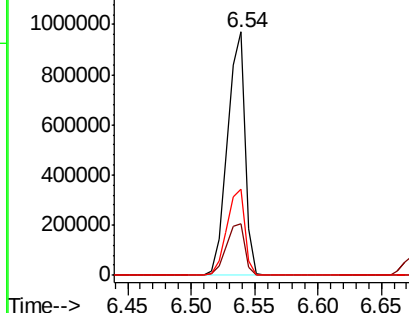
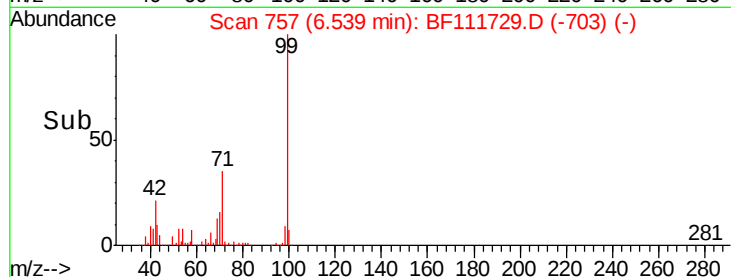
99 100

42 21.0 17.4 26.0

71 35.4 26.1 39.1



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



#10

Phenol

Concen: 5.395 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF111729.D

Acq: 26 Dec 2018 22:25

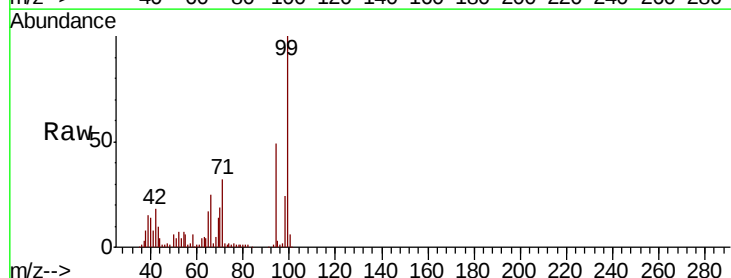
Tgt Ion: 94 Resp: 67747

Ion Ratio Lower Upper

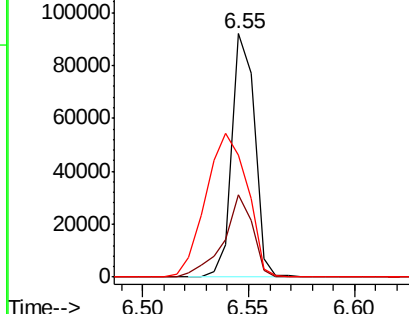
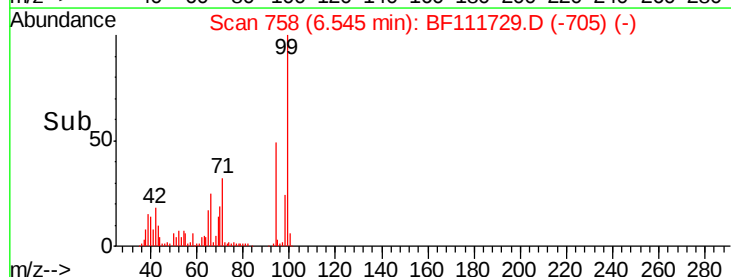
94 100

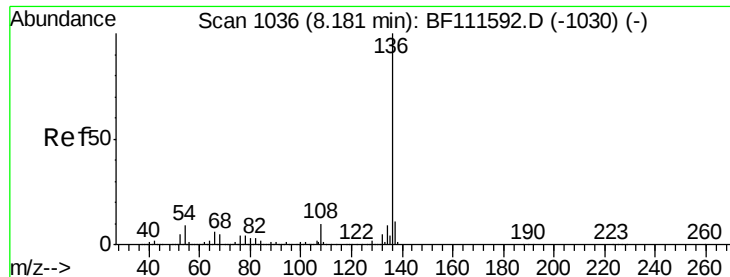
65 34.0 11.7 51.7

66 49.9 21.0 61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

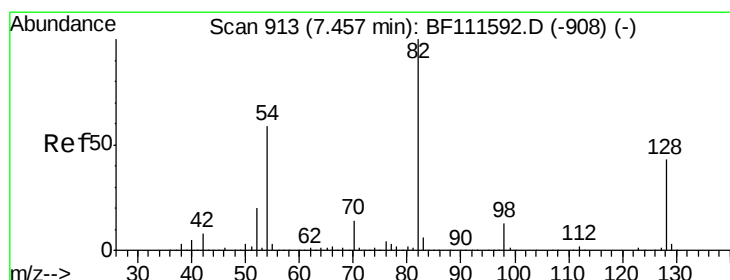
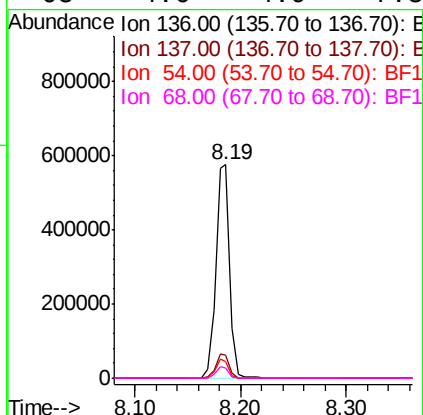
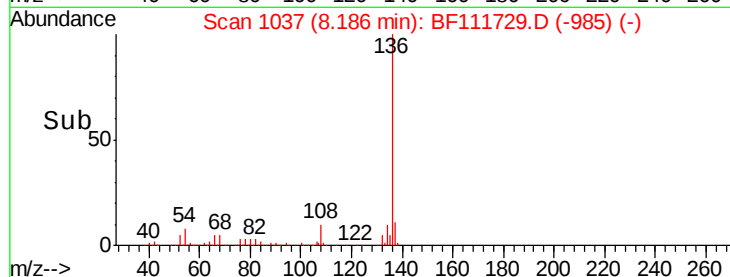
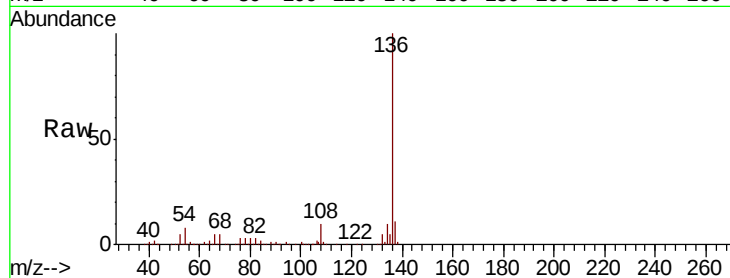




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

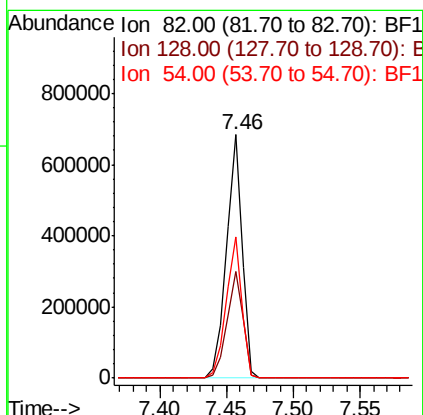
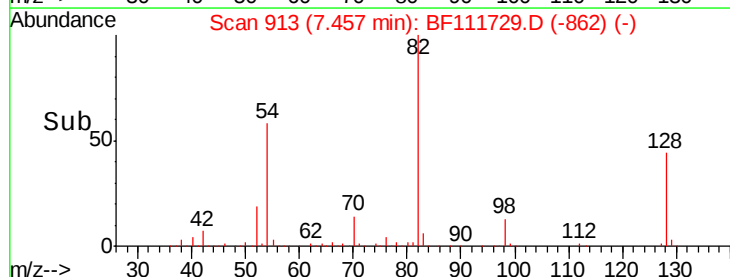
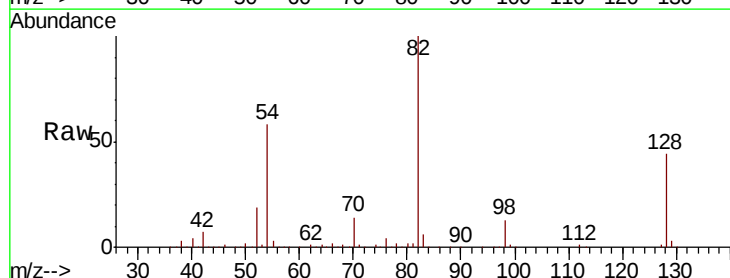
Instrument :
BNA_F
ClientSampleId :
S-2(5)

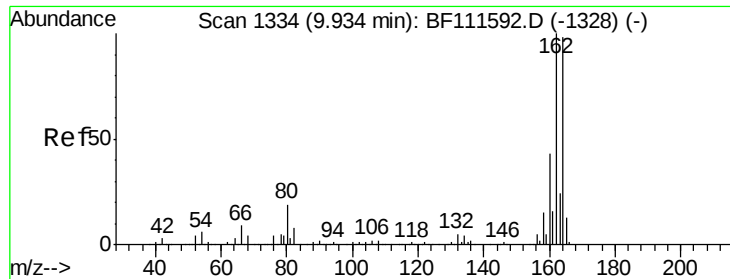
Tot Ion:136	Resp:	532712
Ion	Ratio	Lower Upper
136	100	
137	10.8	9.1 13.7
54	7.7	7.7 11.5
68	4.6	4.9 7.3#



#23
Nitrobenzene-d5
Concen: 62.695 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

Tgt Ion: 82	Resp:	573781
Ion	Ratio	Lower Upper
82	100	
128	43.8	37.4 56.2
54	57.8	47.6 71.4

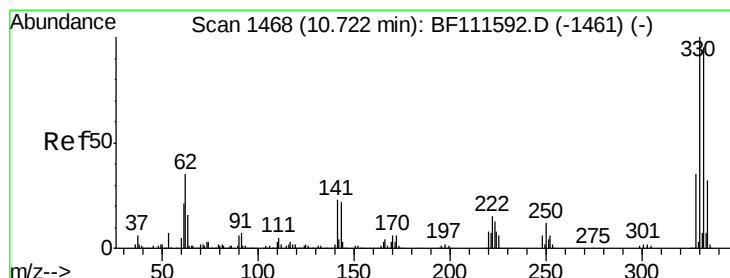
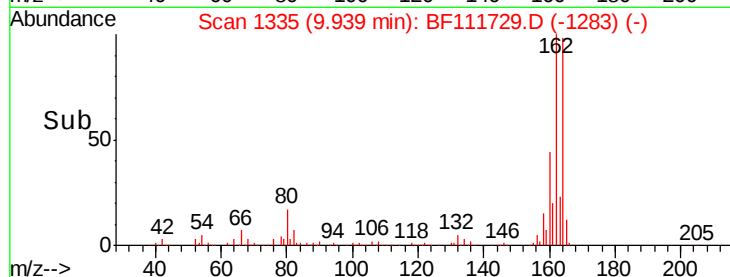
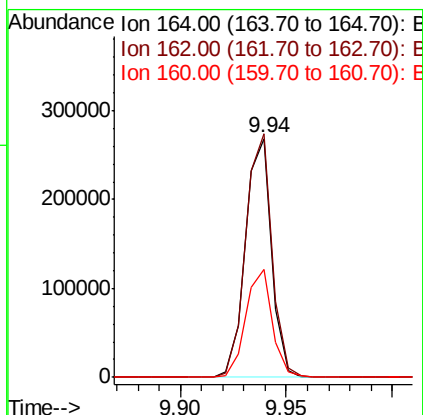
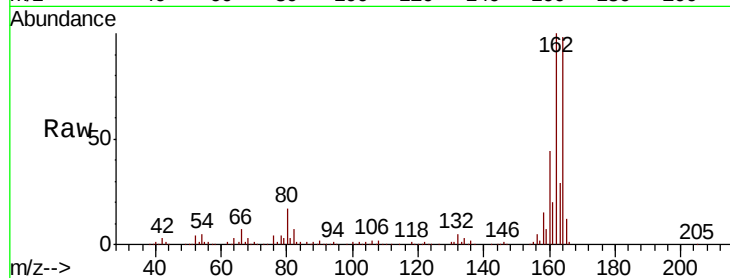




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF111729.D
 Acq: 26 Dec 2018 22:25

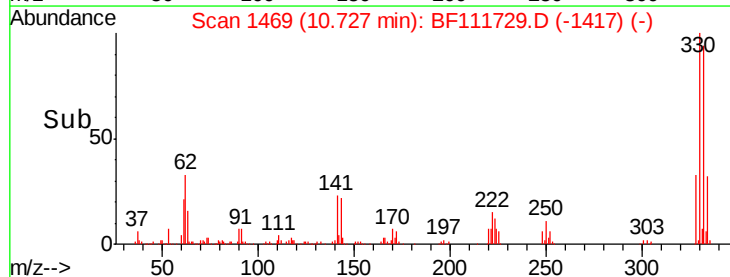
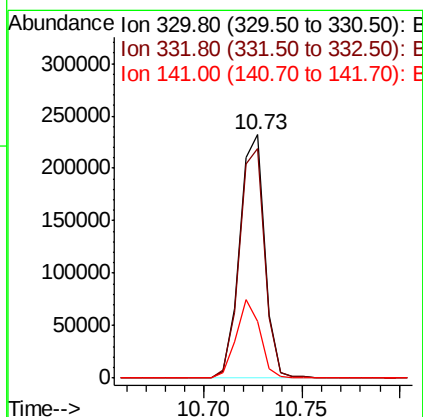
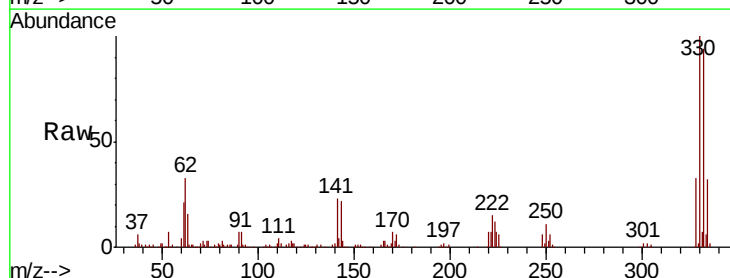
Instrument :
 BNA_F
 ClientSampleId :
 S-2(5)

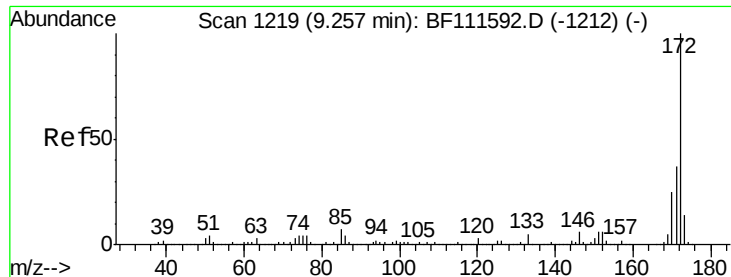
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.4	122.0
160	45.1	35.7	53.5



#42
 2,4,6-Tribromophenol
 Concen: 76.391 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.01 min
 Lab File: BF111729.D
 Acq: 26 Dec 2018 22:25

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.0	114.0
141	30.7	31.0	46.6#

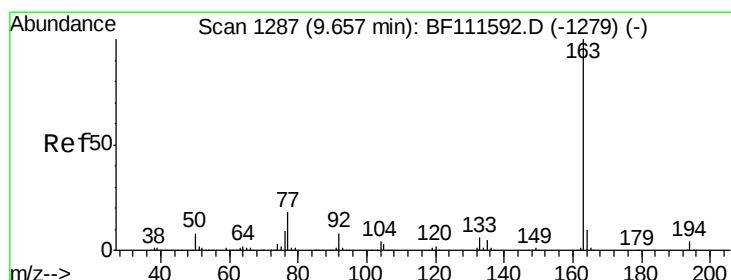
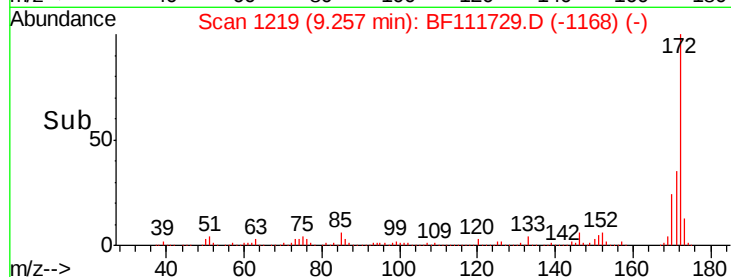
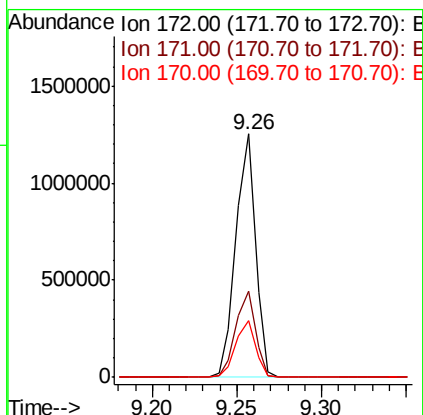
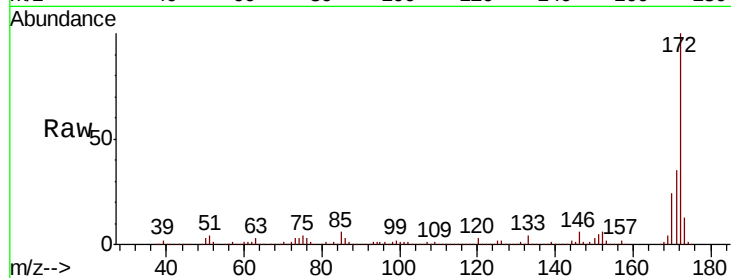




#45
2-Fluorobiphenyl
Concen: 64.754 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

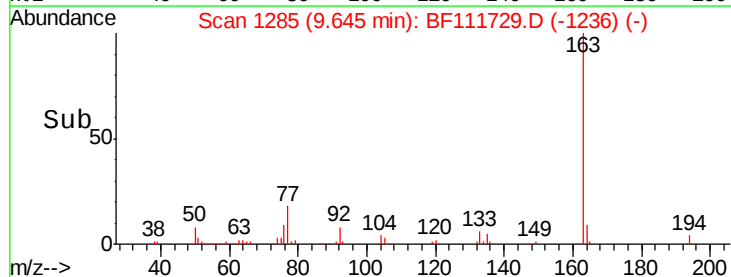
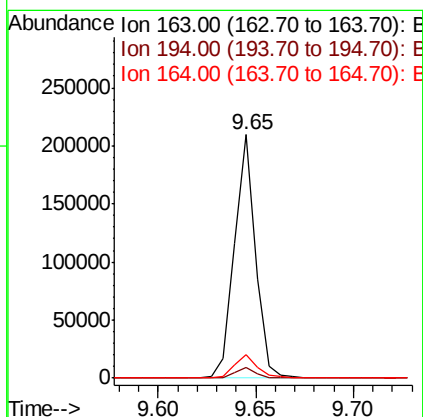
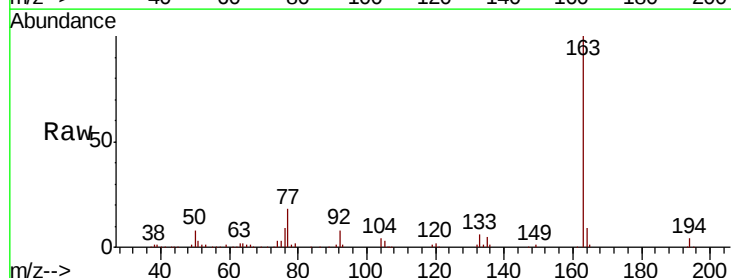
Instrument :
BNA_F
ClientSampleId :
S-2(5)

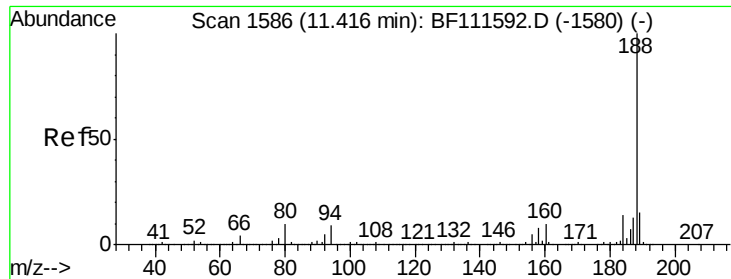
Tot Ion:172 Resp: 1018818
Ion Ratio Lower Upper
172 100
171 35.3 33.0 49.4
170 23.5 22.3 33.5



#50
Dimethylphthalate
Concen: 9.356 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

Tgt Ion:163 Resp: 156903
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.6
164 9.4 8.9 13.3

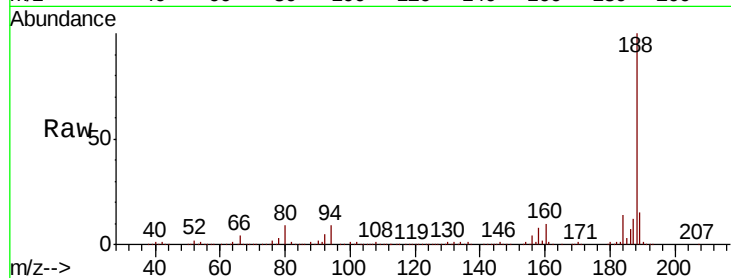




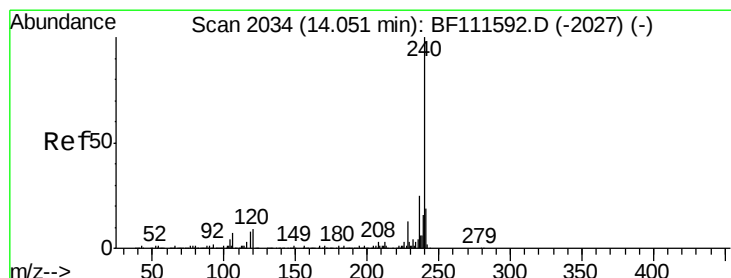
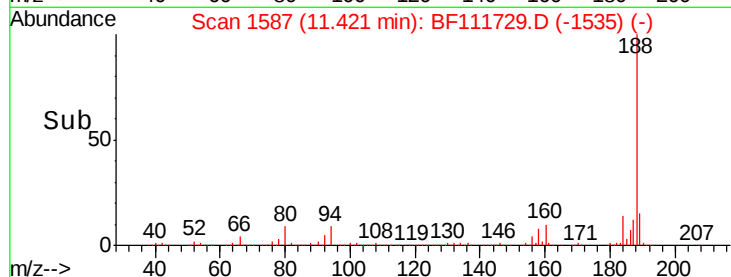
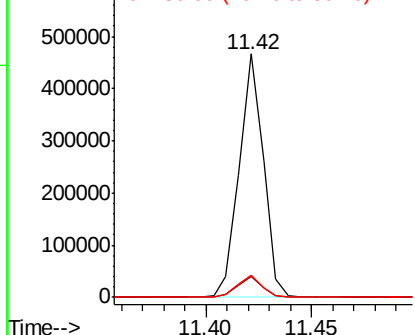
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

Instrument :
BNA_F
ClientSampleId :
S-2(5)

Tot Ion:188 Resp: 368572
Ion Ratio Lower Upper
188 100
94 8.7 9.6 14.4#
80 8.9 9.8 14.6#

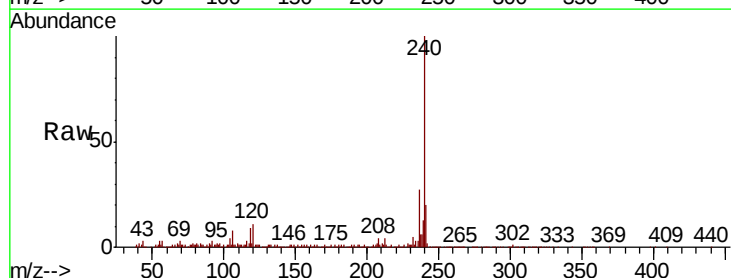


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

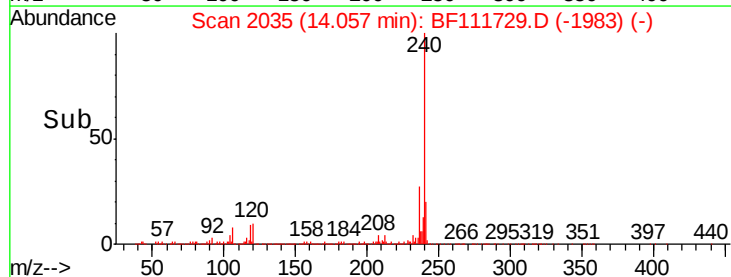
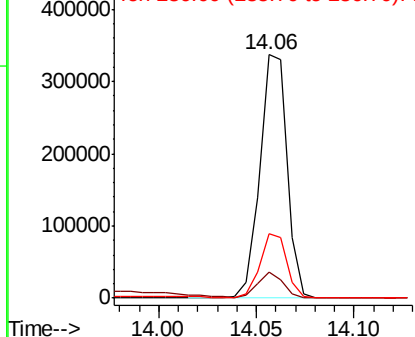


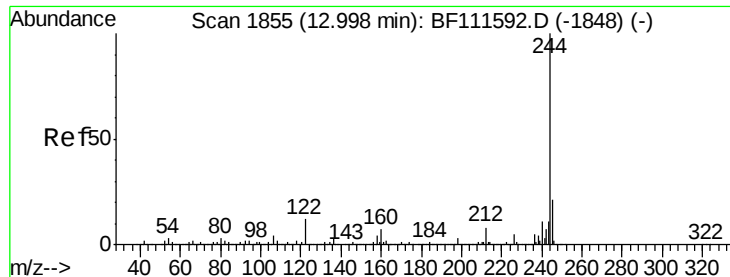
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

Tgt Ion:240 Resp: 325707
Ion Ratio Lower Upper
240 100
120 10.5 12.2 18.2#
236 26.7 20.2 30.2



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





#79

Terphenyl-d14

Concen: 50.301 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF111729.D

Acq: 26 Dec 2018 22:25

Instrument :

BNA_F

ClientSampleId :

S-2(5)

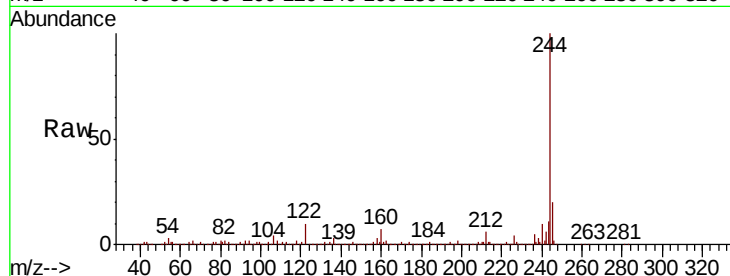
Tot Ion:244 Resp: 863907

Ion Ratio Lower Upper

244 100

212 6.3 5.7 8.5

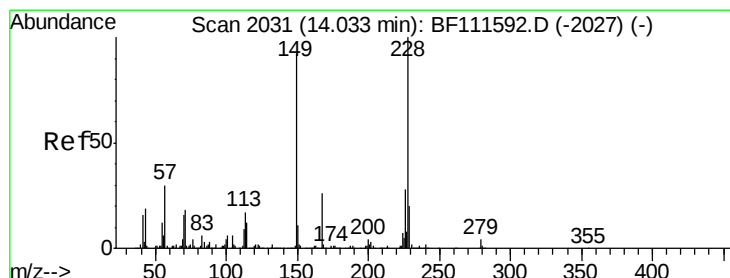
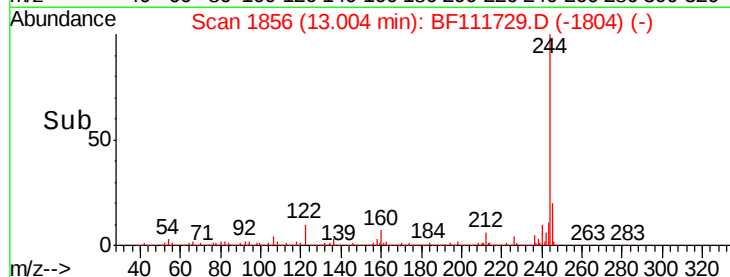
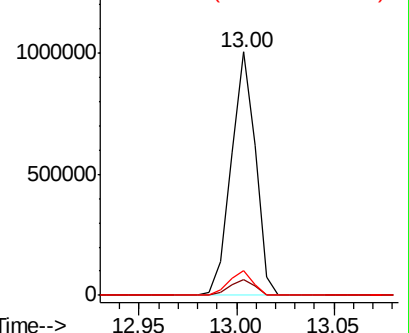
122 10.2 13.1 19.7#



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.377 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF111729.D

Acq: 26 Dec 2018 22:25

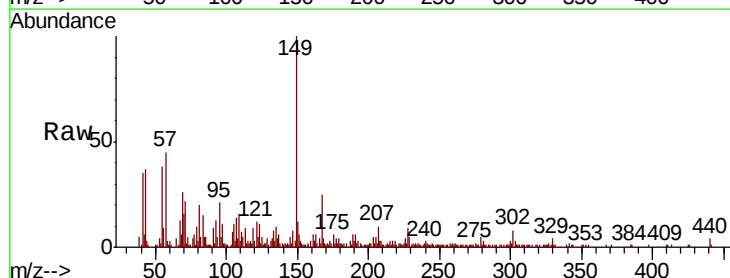
Tgt Ion:149 Resp: 39886

Ion Ratio Lower Upper

149 100

167 25.2 22.5 33.7

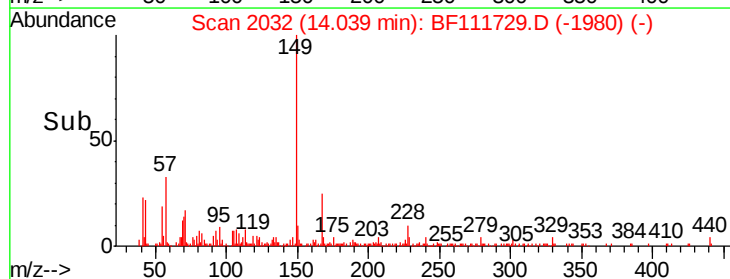
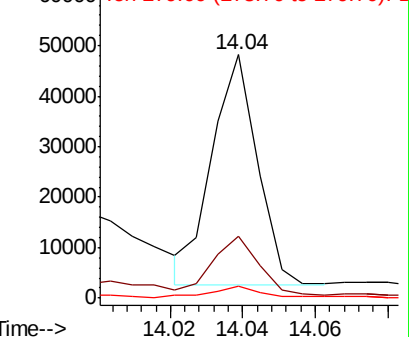
279 4.8 2.6 4.0#

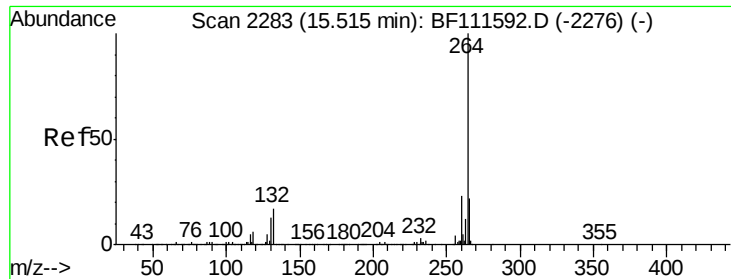


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.02 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

Instrument :
BNA_F
ClientSampleId :
S-2(5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.3	27.5
265	22.2	17.7	26.5

