

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121118\
 Data File : BF111293.D
 Acq On : 11 Dec 2018 23:17
 Operator : JU/SJ
 Sample : J6157-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-6-TOTAL

Quant Time: Dec 12 00:27:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

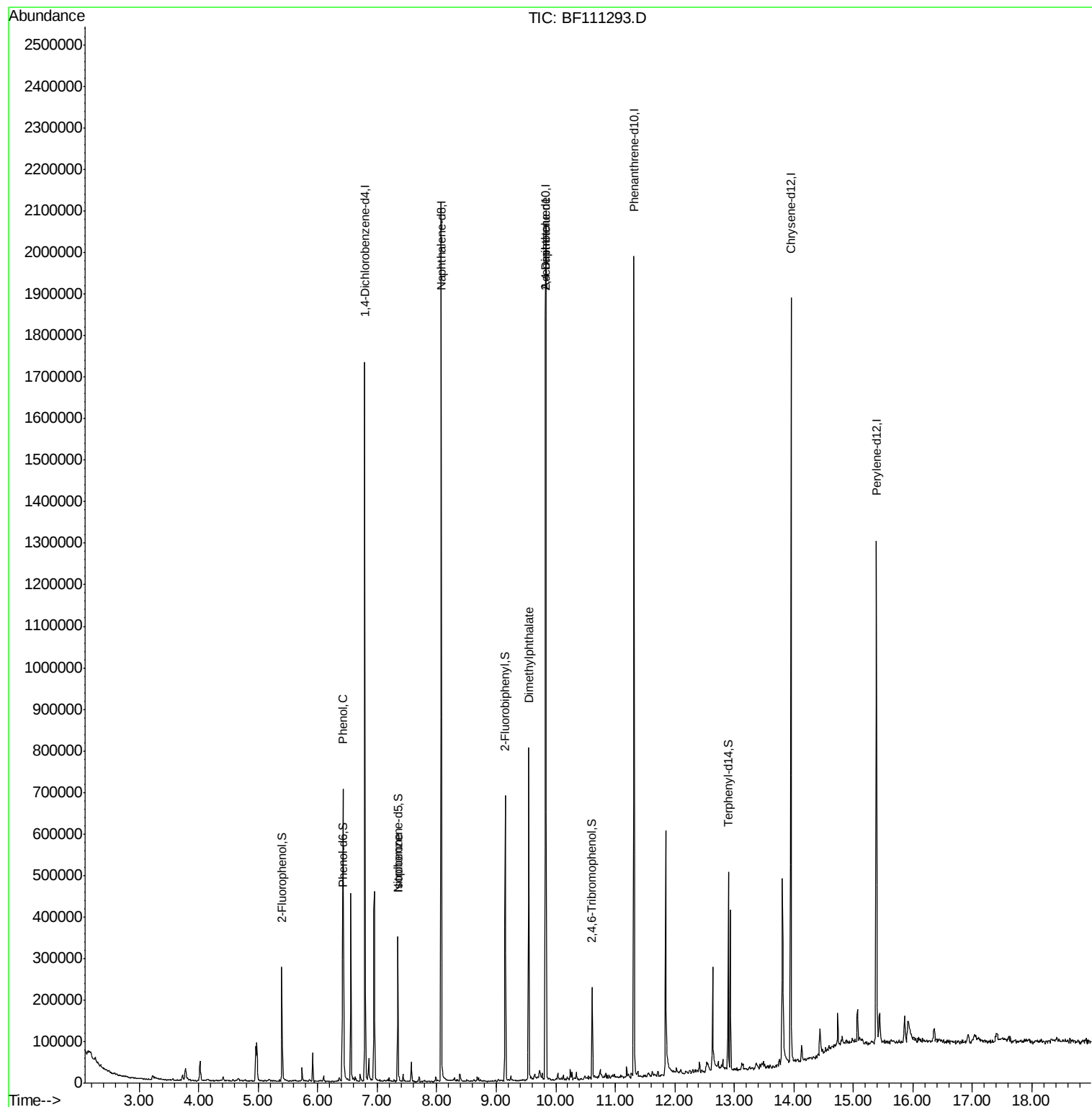
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	229179	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	895584	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	403900	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	739727	20.00	ng	0.00
76) Chrysene-d12	13.95	240	582621	20.00	ng	0.00
87) Perylene-d12	15.39	264	499405	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	77922	5.37	ng	-0.01
7) Phenol-d6	6.42	99	80130	4.44	ng	-0.02
23) Nitrobenzene-d5	7.35	82	97132	6.08	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	20931	5.85	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	179696	2.48	ng	-0.01
79) Terphenyl-d14	12.90	244	141089	5.81	ng	0.00
Target Compounds						
9) Benzaldehyde	6.33	77	296	Below Cal	#	40
10) Phenol	6.43	94	191660	9.088 ng		94
25) Isophorone	7.35	82	95152	3.499 ng	#	64
46) 1,1'-Biphenyl	9.25	154	237	Below Cal	#	40
50) Dimethylphthalate	9.55	163	277275	9.304 ng		95
57) 2,4-Dinitrotoluene	9.83	165	51196	6.310 ng	#	25

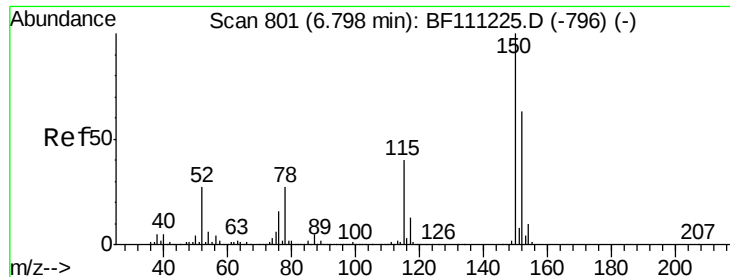
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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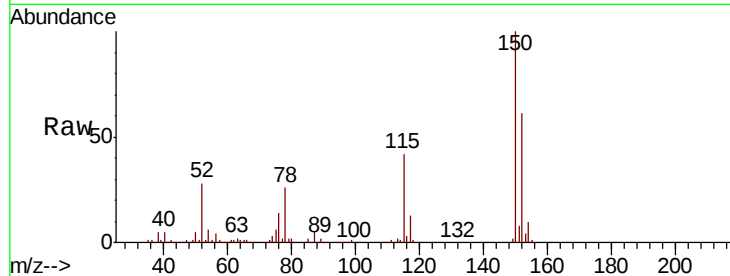


#1

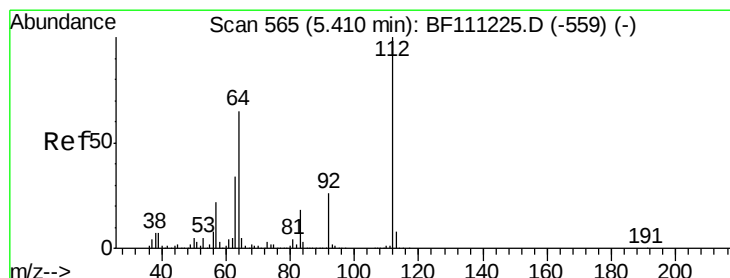
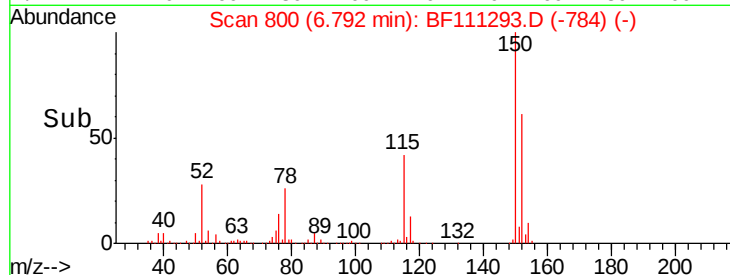
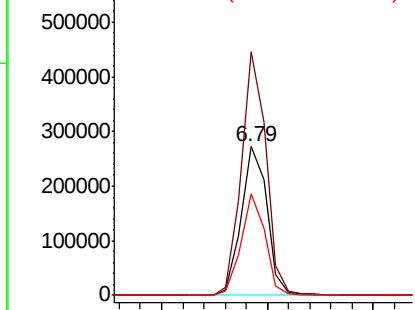
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF111293.D
Acq: 11 Dec 2018 23:17

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-6-TOTAL

Tgt Ion:152 Resp: 229179
Ion Ratio Lower Upper
152 100
150 163.8 126.6 189.8
115 68.2 50.7 76.1



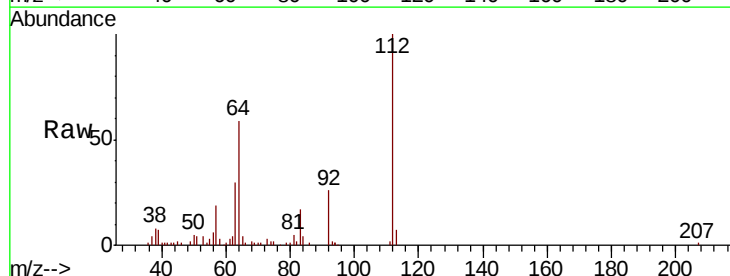
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



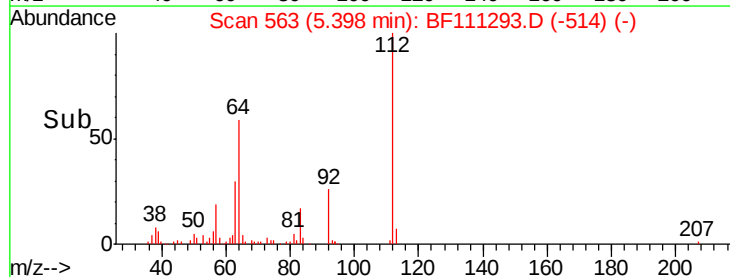
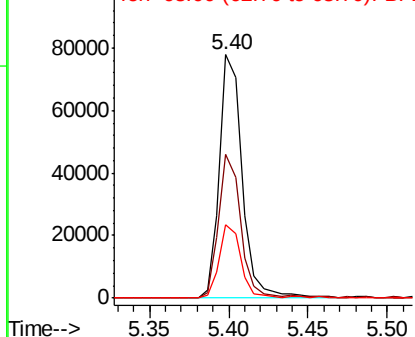
#5

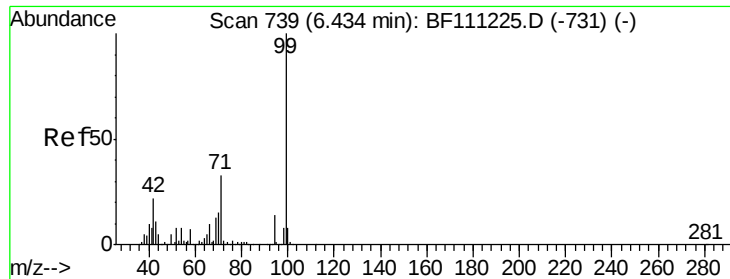
2-Fluorophenol
Concen: 5.369 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF111293.D
Acq: 11 Dec 2018 23:17

Tgt Ion:112 Resp: 77922
Ion Ratio Lower Upper
112 100
64 59.1 51.8 77.6
63 30.3 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: 4.443 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF111293.D

Acq: 11 Dec 2018 23:17

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-6-TOTAL

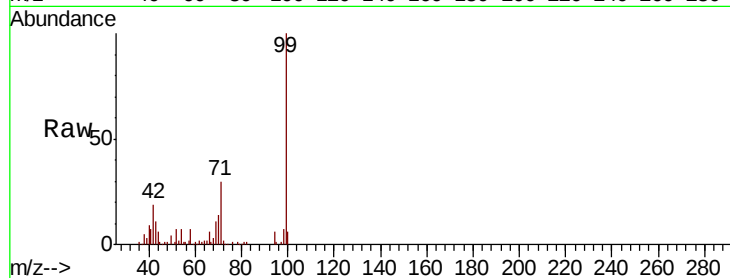
Tgt Ion: 99 Resp: 80130

Ion Ratio Lower Upper

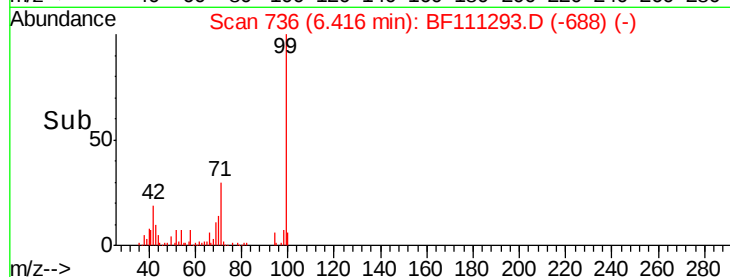
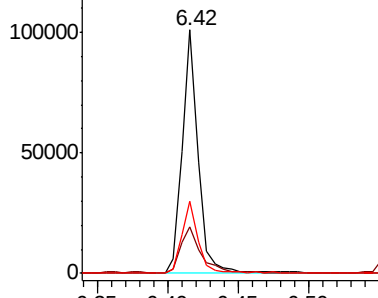
99 100

42 19.1 17.4 26.0

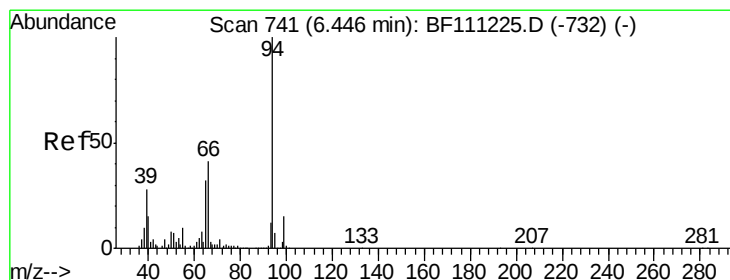
71 29.7 26.1 39.1



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



Time-->



#10

Phenol

Concen: 9.088 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF111293.D

Acq: 11 Dec 2018 23:17

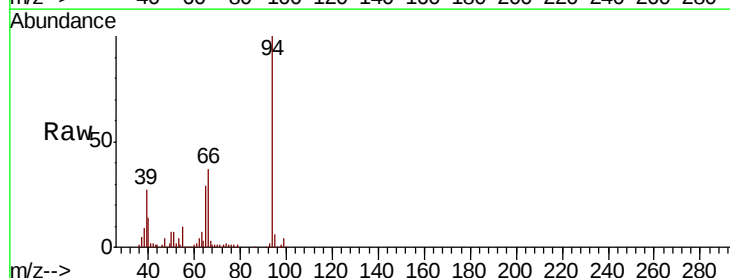
Tgt Ion: 94 Resp: 191660

Ion Ratio Lower Upper

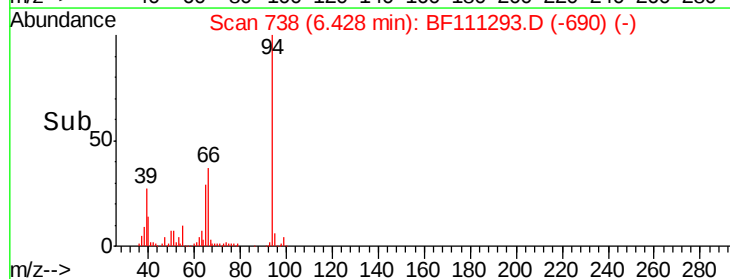
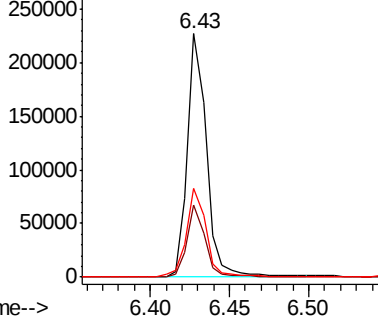
94 100

65 29.4 11.7 51.7

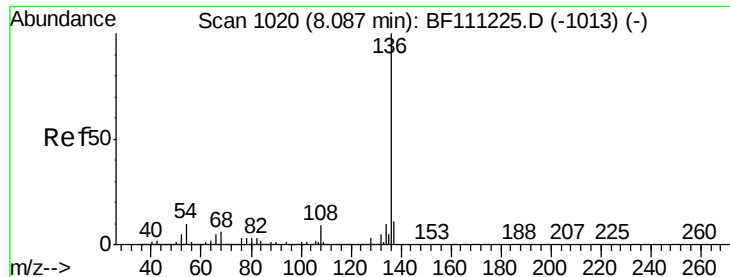
66 36.7 21.0 61.0



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



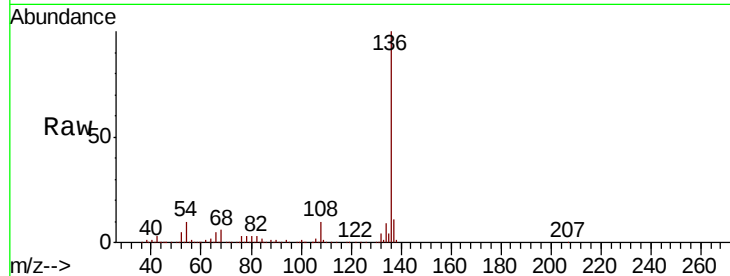
Time-->



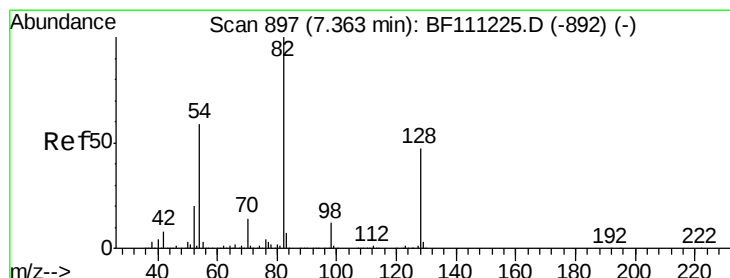
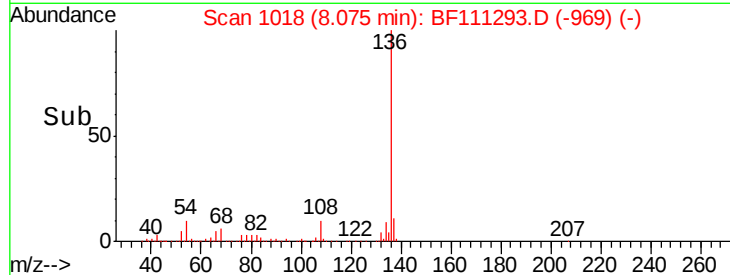
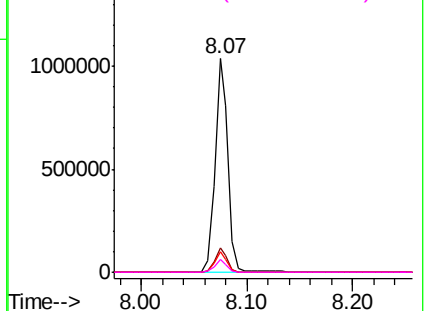
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111293.D
Acq: 11 Dec 2018 23:17

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-6-TOTAL

Tgt Ion:	136	Resp:	895584
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.9	7.7	11.5
68	5.7	4.9	7.3

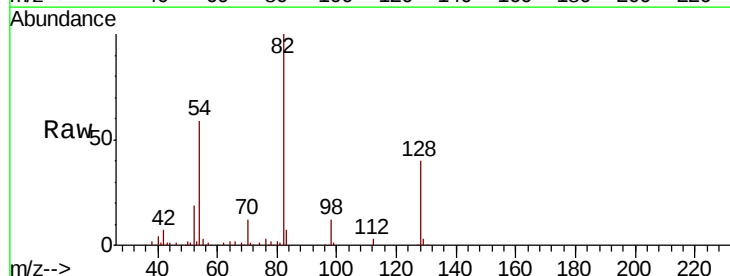


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

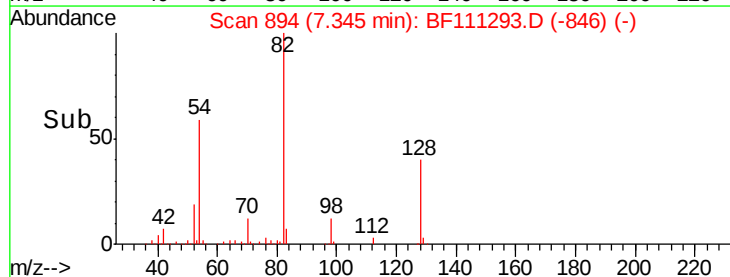
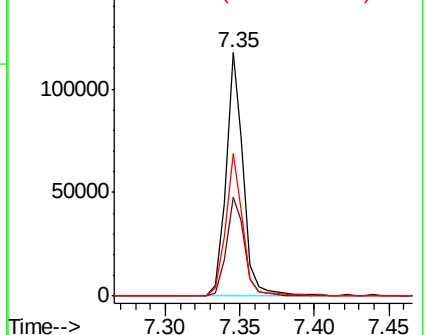


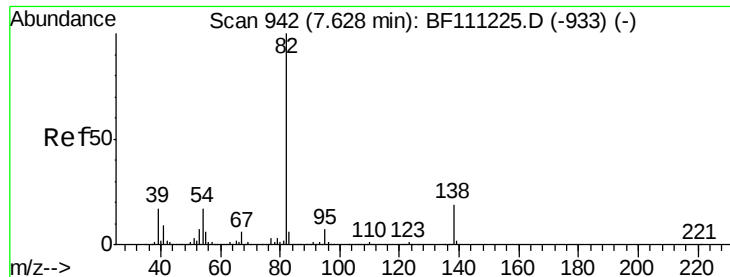
#23
Nitrobenzene-d5
Concen: 6.083 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF111293.D
Acq: 11 Dec 2018 23:17

Tgt Ion:	82	Resp:	97132
Ion	Ratio	Lower	Upper
82	100		
128	40.4	37.4	56.2
54	58.7	47.6	71.4



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

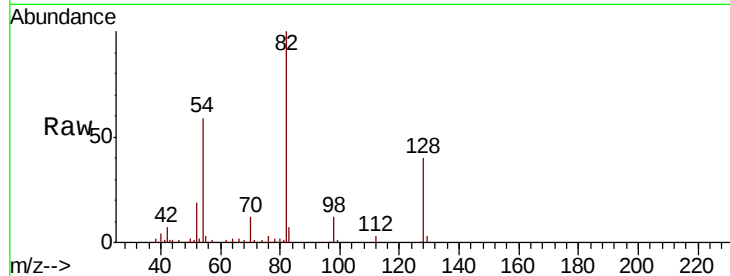




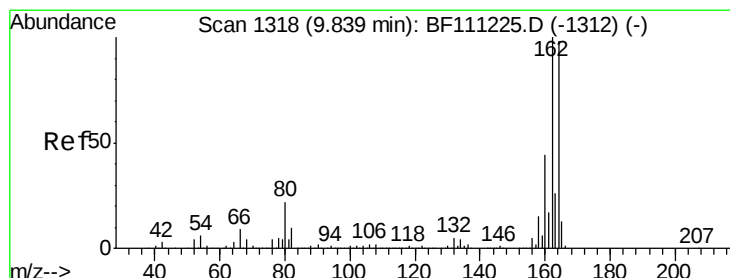
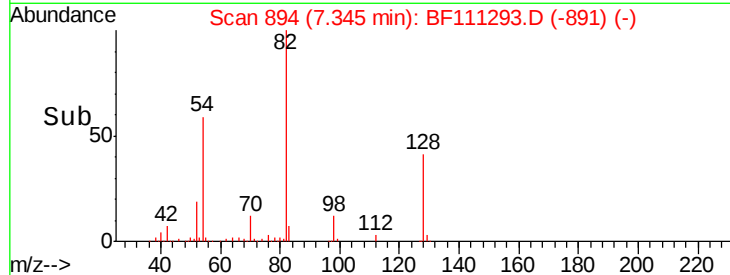
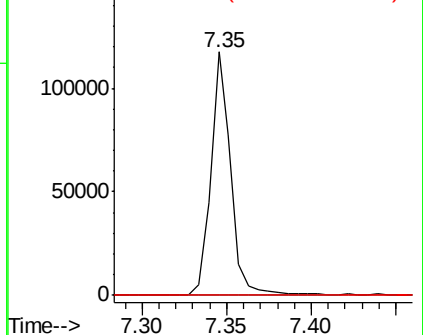
#25
Isophorone
Concen: 3.499 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.28 min
Lab File: BF111293.D
Acq: 11 Dec 2018 23:17

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-6-TOTAL

Tgt Ion: 82 Resp: 95152
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#

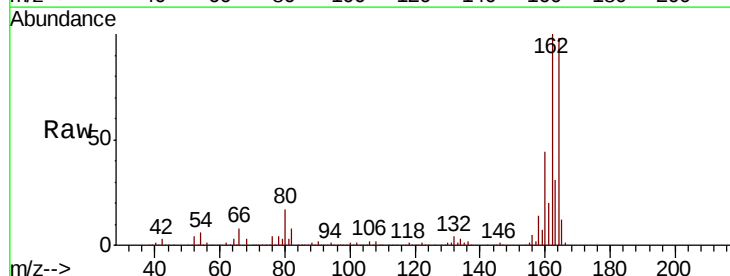


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

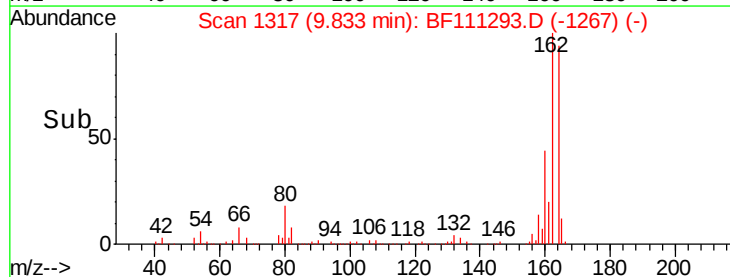
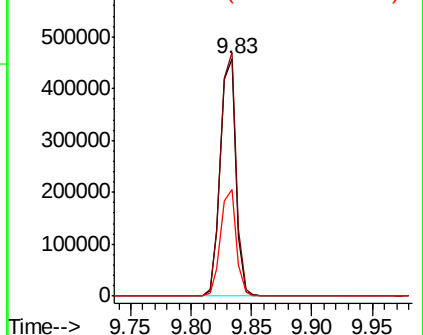


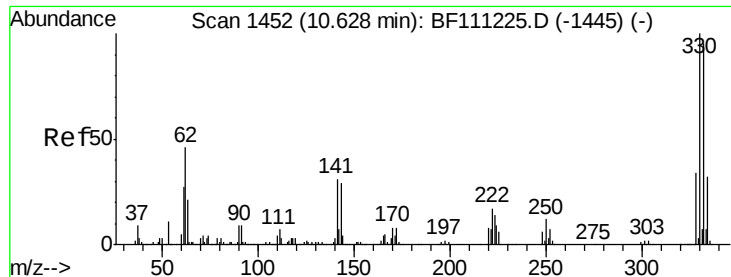
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF111293.D
Acq: 11 Dec 2018 23:17

Tgt Ion: 164 Resp: 403900
Ion Ratio Lower Upper
164 100
162 102.5 81.4 122.0
160 45.1 35.7 53.5



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: 5.850 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111293.D

Acq: 11 Dec 2018 23:17

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-6-TOTAL

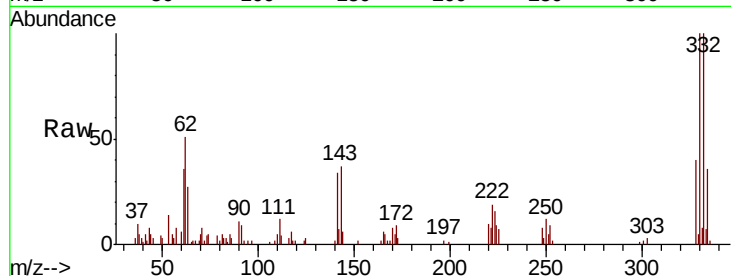
Tgt Ion:330 Resp: 20931

Ion Ratio Lower Upper

330 100

332 97.1 76.0 114.0

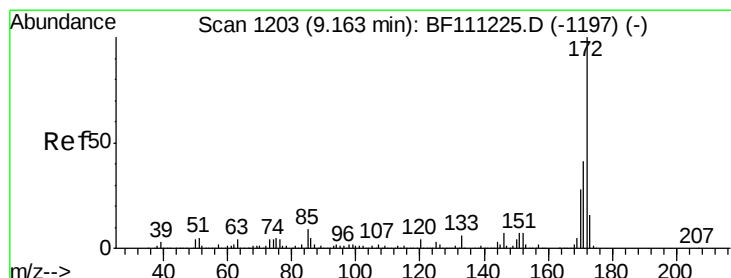
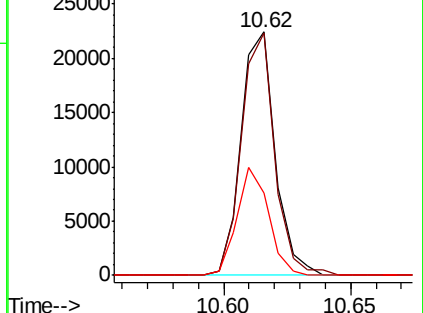
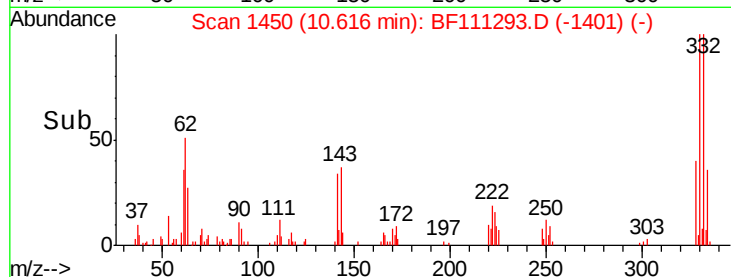
141 41.0 31.0 46.6



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: 2.475 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF111293.D

Acq: 11 Dec 2018 23:17

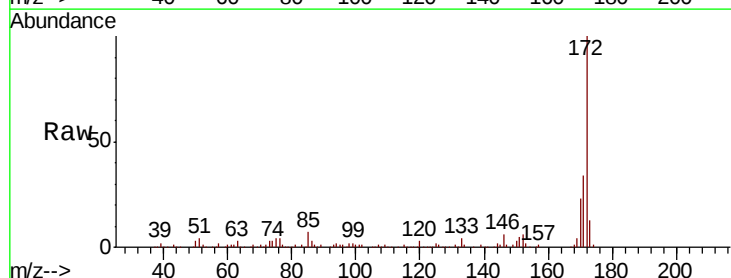
Tgt Ion:172 Resp: 179696

Ion Ratio Lower Upper

172 100

171 34.1 33.0 49.4

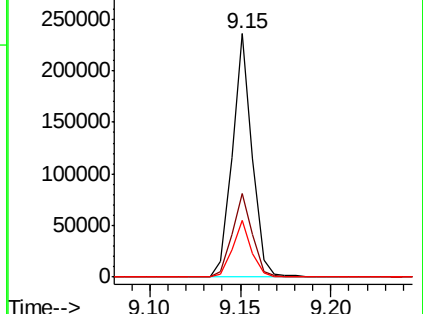
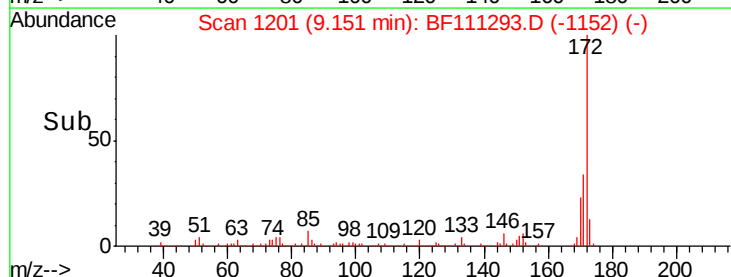
170 23.5 22.3 33.5

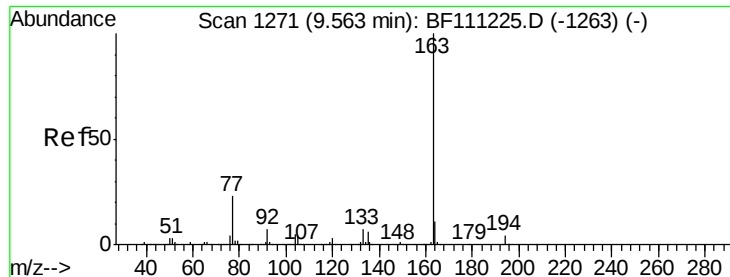


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

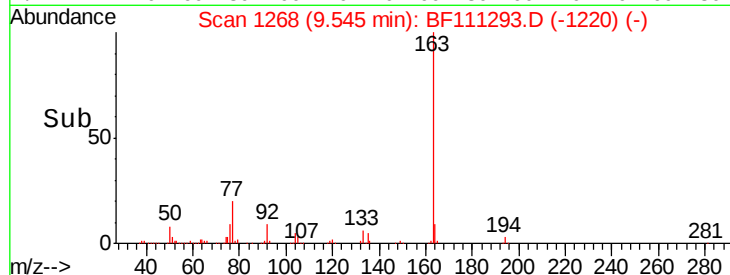
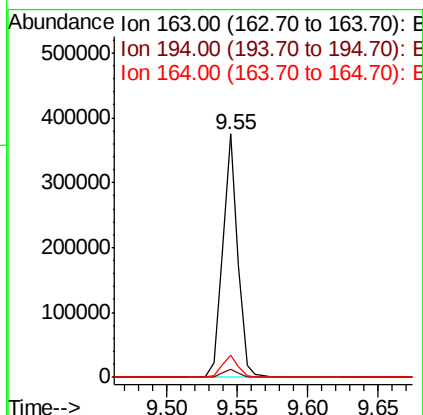
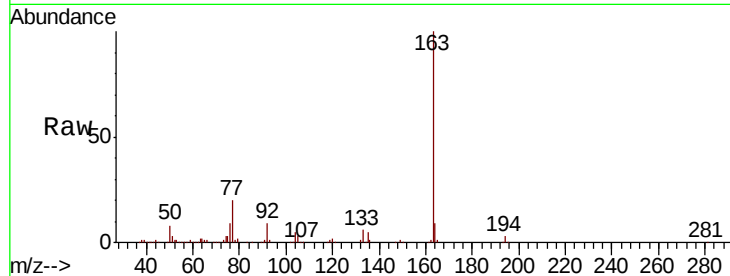




#50
Dimethylphthalate
Concen: 9.304 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111293.D
Acq: 11 Dec 2018 23:17

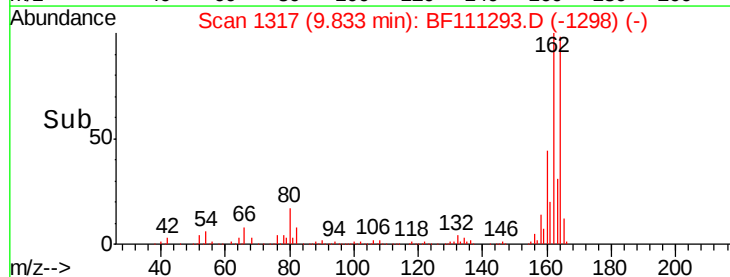
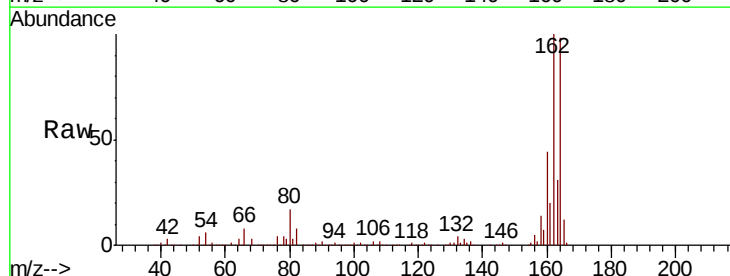
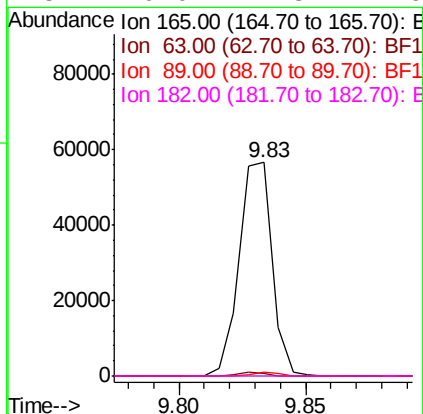
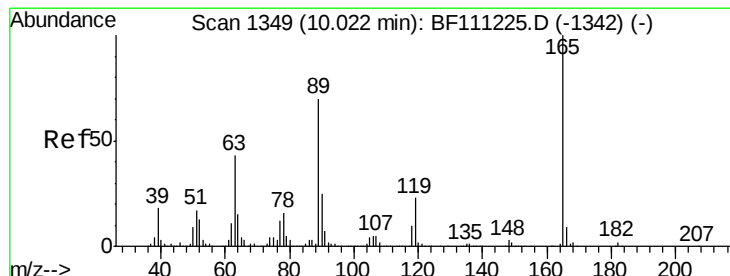
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-6-TOTAL

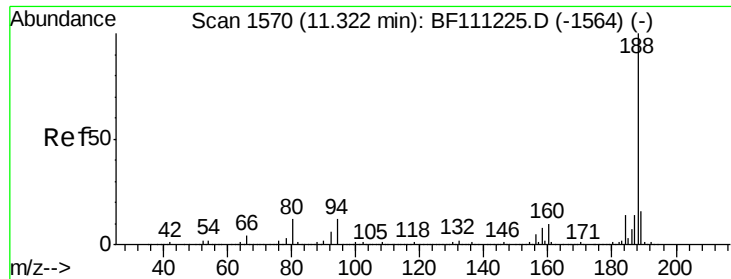
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.6
164	8.9	8.9	13.3



#57
2,4-Dinitrotoluene
Concen: 6.310 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BF111293.D
Acq: 11 Dec 2018 23:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.6	52.0#
89	2.1	56.2	84.4#
182	0.0	1.8	2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF111293.D

Acq: 11 Dec 2018 23:17

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-6-TOTAL

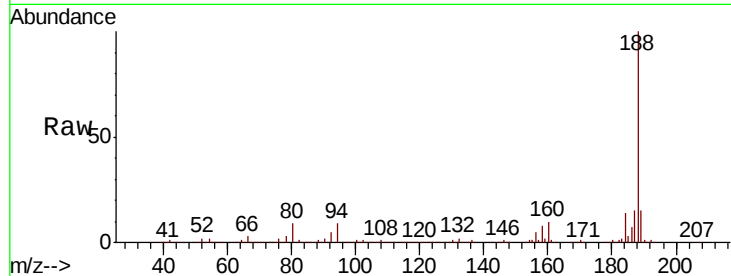
Tgt Ion:188 Resp: 739727

Ion Ratio Lower Upper

188 100

94 9.1 9.6 14.4#

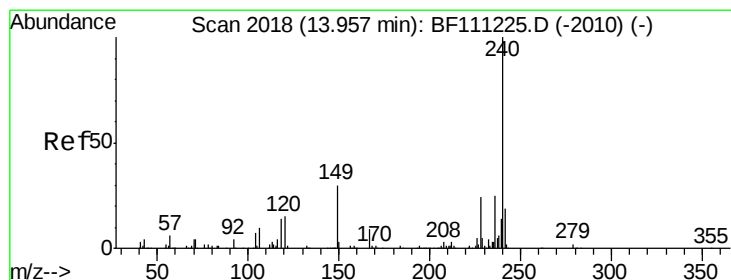
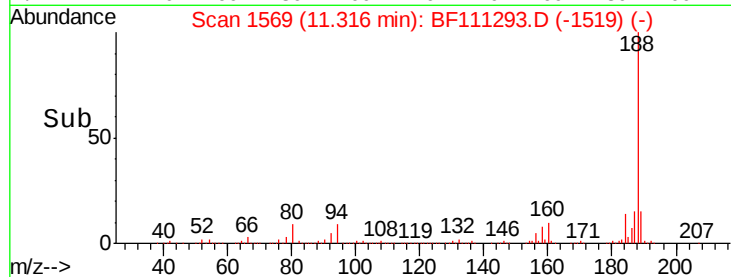
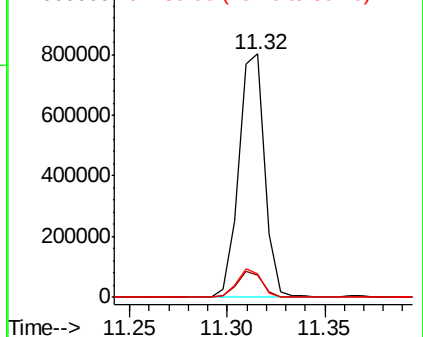
80 9.5 9.8 14.6#



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: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF111293.D

Acq: 11 Dec 2018 23:17

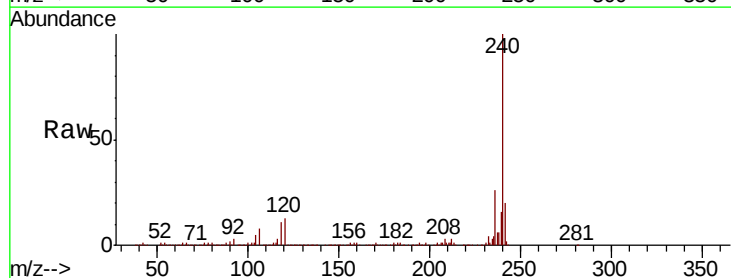
Tgt Ion:240 Resp: 582621

Ion Ratio Lower Upper

240 100

120 12.7 12.2 18.2

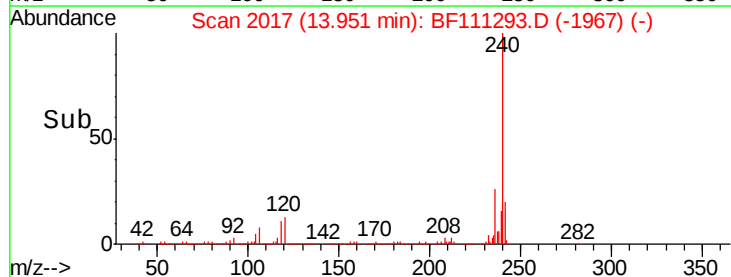
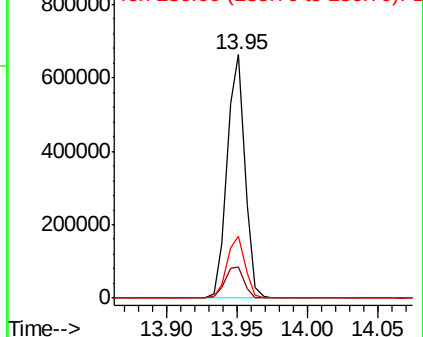
236 25.5 20.2 30.2

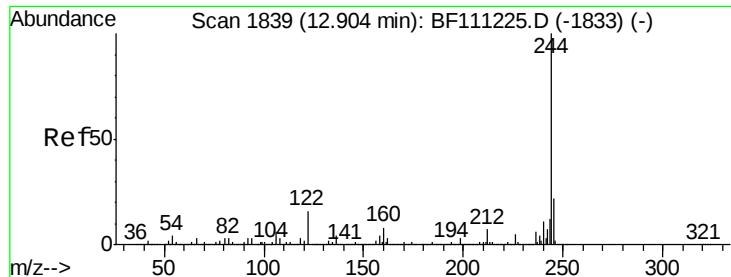


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 5.809 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF111293.D

Acq: 11 Dec 2018 23:17

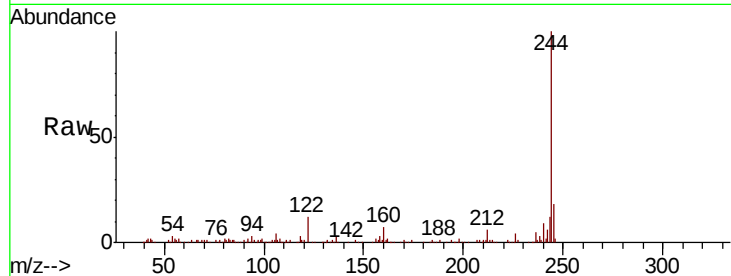
Instrument :

BNA_F

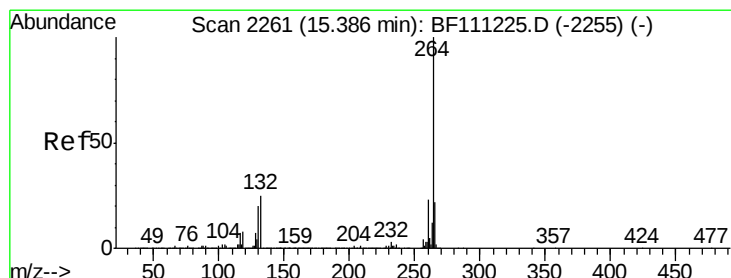
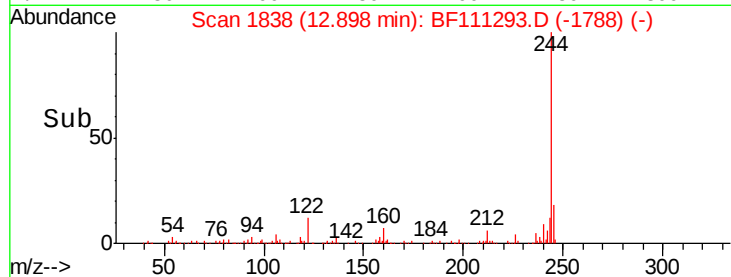
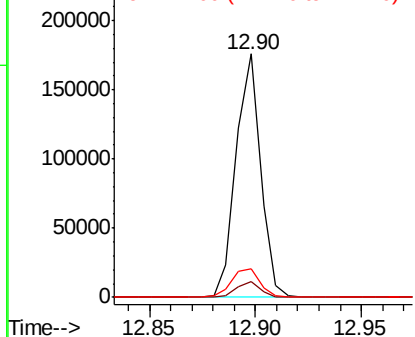
ClientSampleId :

COMPOSITE-6-TOTAL

Tgt Ion:	244	Resp:	141089
Ion Ratio	Lower	Upper	
244	100		
212	6.3	5.7	8.5
122	11.8	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



#87

Perylene-d12

Concen: 20.000 ng

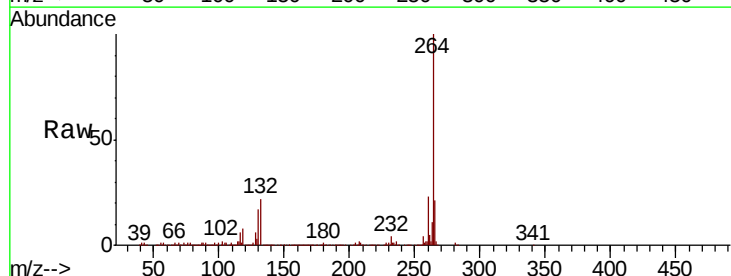
RT: 15.39 min Scan# 2261

Delta R.T. -0.00 min

Lab File: BF111293.D

Acq: 11 Dec 2018 23:17

Tgt Ion:	264	Resp:	499405
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.3	27.5
265	21.0	17.7	26.5



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

