

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
 Data File : BF111287.D
 Acq On : 11 Dec 2018 20:09
 Operator : JU/SJ
 Sample : J6157-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-3-TOTAL

Quant Time: Dec 12 00:59:16 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

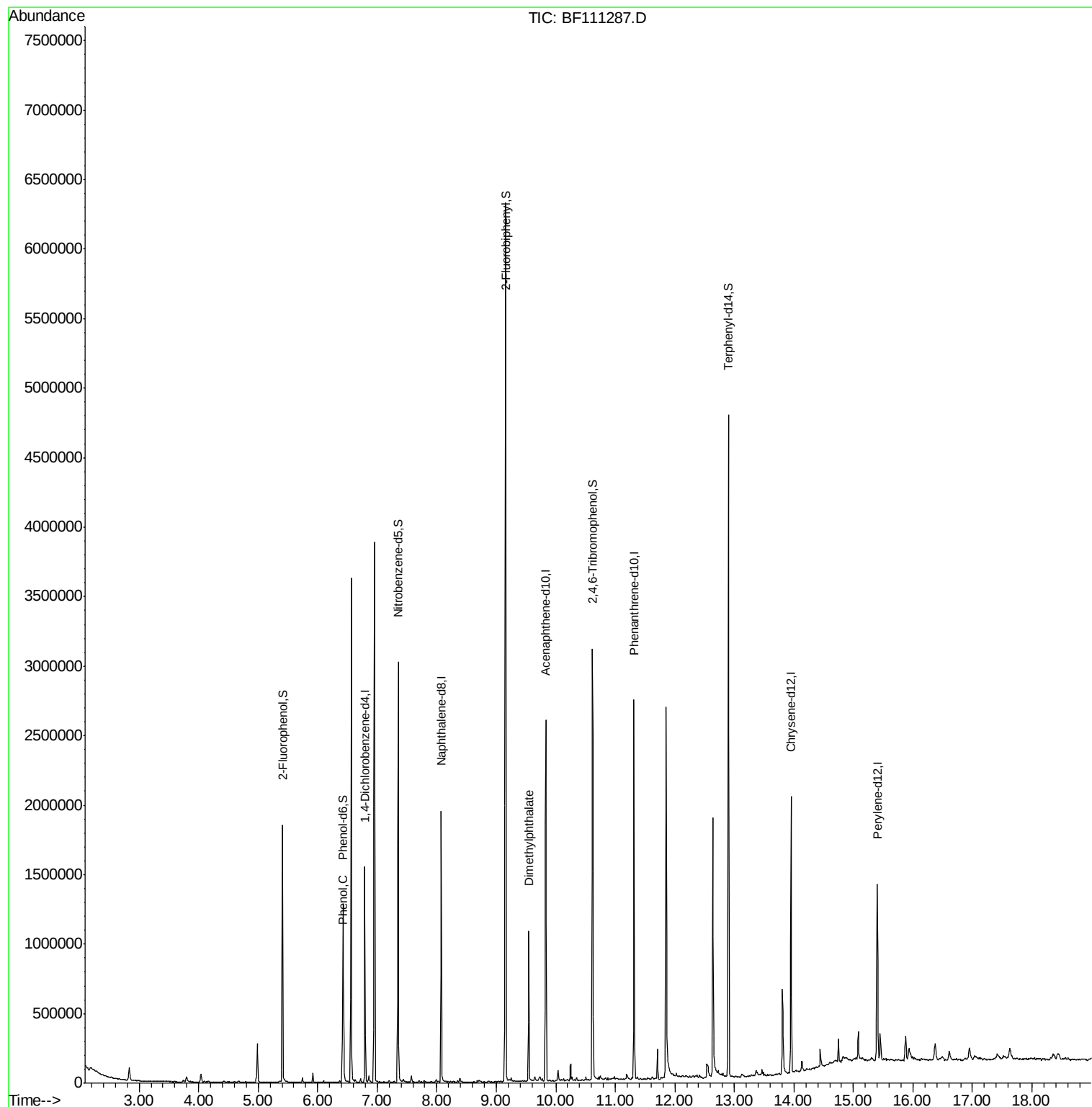
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	224834	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	917140	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	485809	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	905471	20.00	ng	0.00
76) Chrysene-d12	13.95	240	689125	20.00	ng	0.00
87) Perylene-d12	15.40	264	559975	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	518589	36.42	ng	0.00
7) Phenol-d6	6.42	99	379684	21.46	ng	-0.01
23) Nitrobenzene-d5	7.35	82	933728	57.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	320008	74.36	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1951151	64.89	ng	0.00
79) Terphenyl-d14	12.90	244	1490369	51.88	ng	0.00
Target Compounds						
10) Phenol	6.43	94	194063	9.379	ng	92
50) Dimethylphthalate	9.55	163	373143	10.410	ng	99

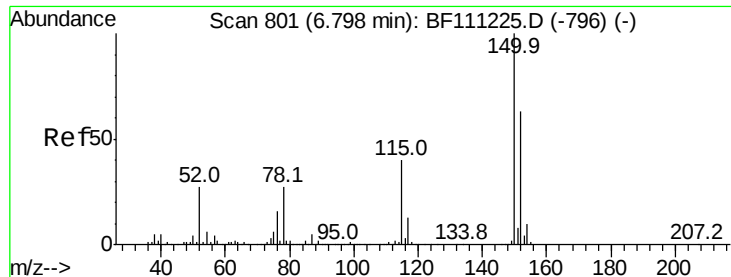
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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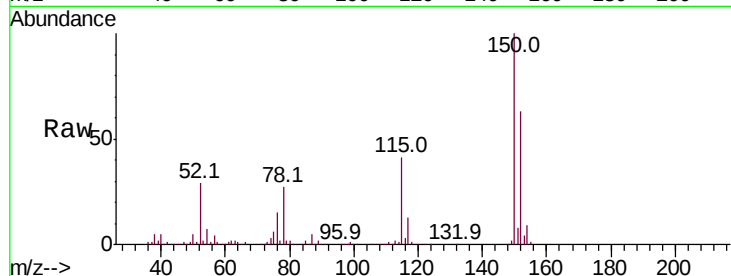


#1

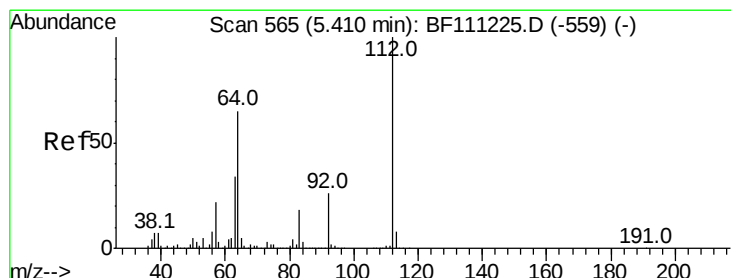
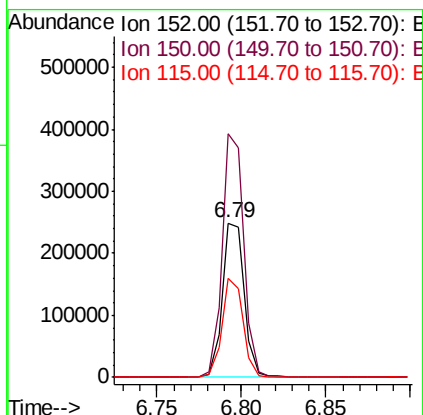
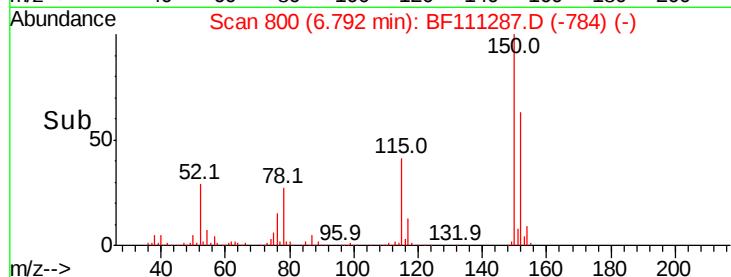
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF111287.D
Acq: 11 Dec 2018 20:09

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-3-TOTAL

Tot Ion:152 Resp: 224834
Ion Ratio Lower Upper
152 100
150 157.8 126.6 189.8
115 64.2 50.7 76.1



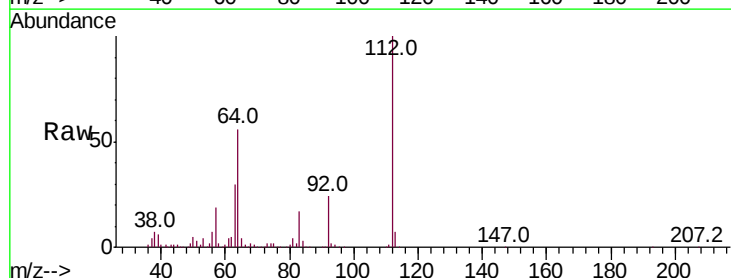
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



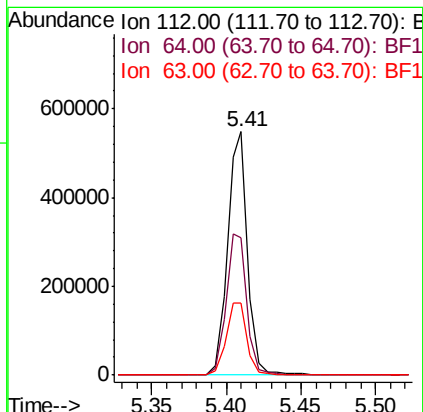
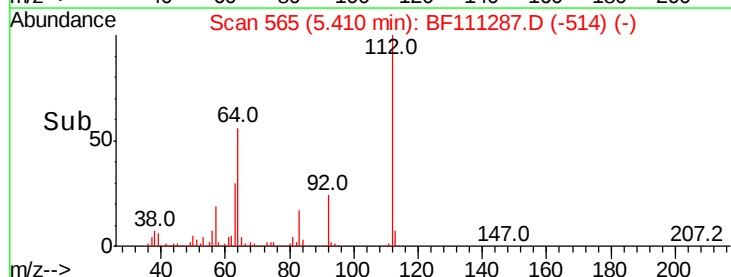
#5

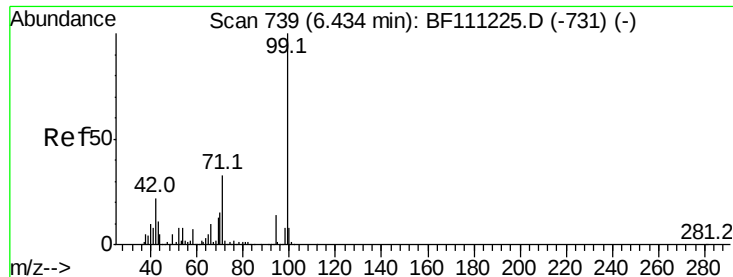
2-Fluorophenol
Concen: 36.422 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF111287.D
Acq: 11 Dec 2018 20:09

Tgt Ion:112 Resp: 518589
Ion Ratio Lower Upper
112 100
64 56.3 51.8 77.6
63 29.6 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: 21.457 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111287.D

Acq: 11 Dec 2018 20:09

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-3-TOTAL

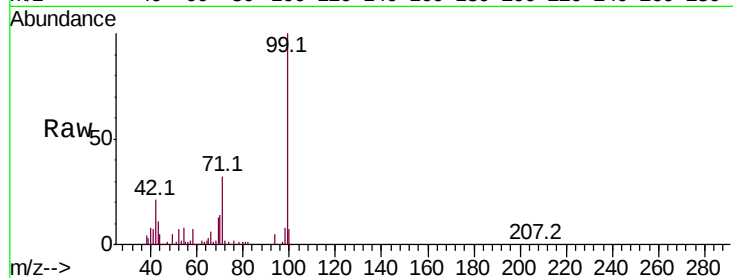
Tot Ion: 99 Resp: 379684

Ion Ratio Lower Upper

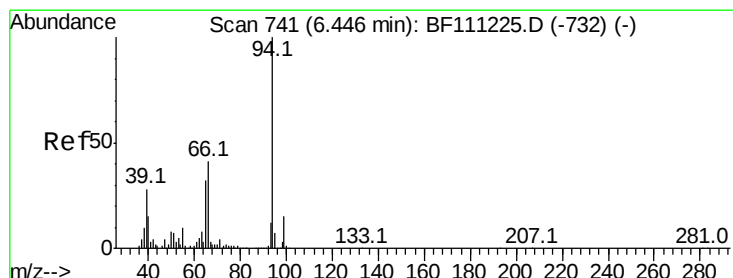
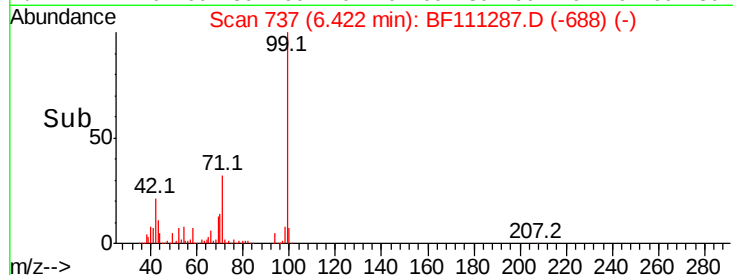
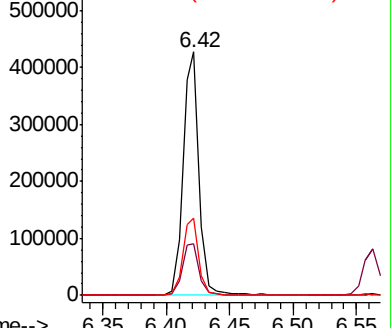
99 100

42 21.4 17.4 26.0

71 31.5 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: 9.379 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111287.D

Acq: 11 Dec 2018 20:09

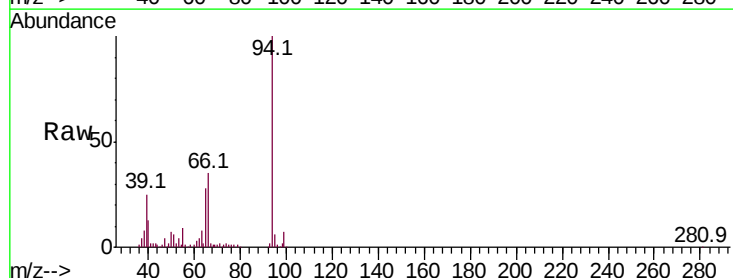
Tgt Ion: 94 Resp: 194063

Ion Ratio Lower Upper

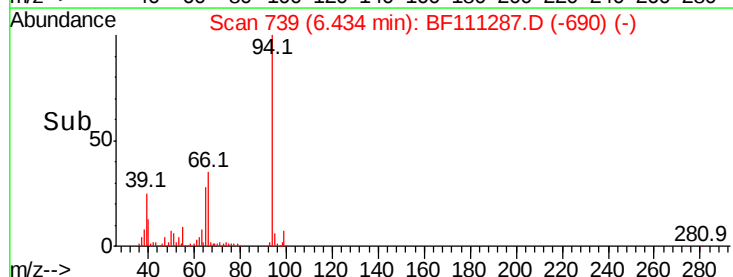
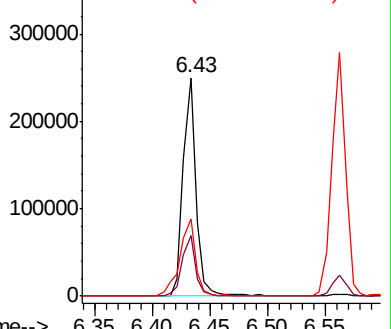
94 100

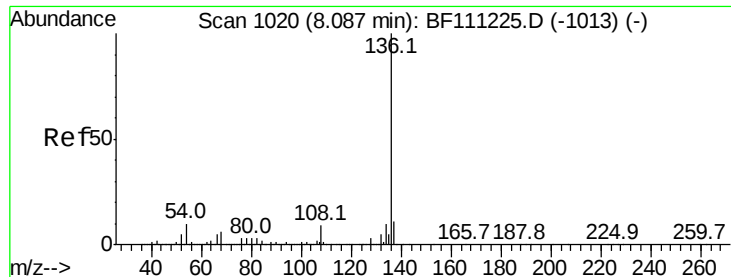
65 27.6 11.7 51.7

66 35.3 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

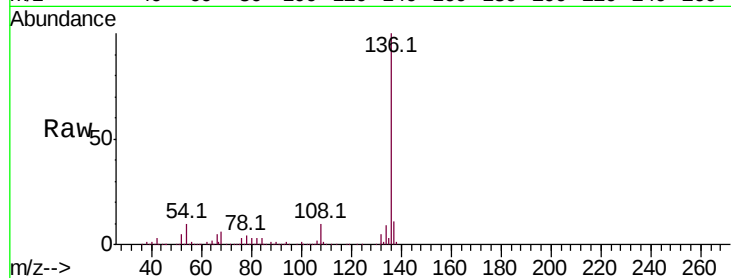




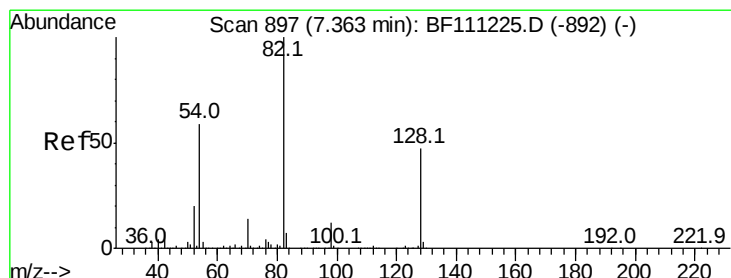
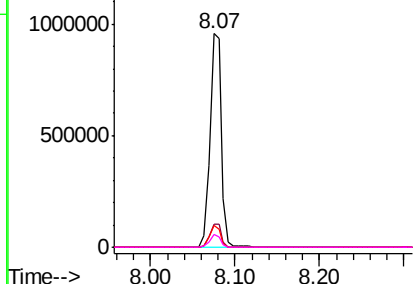
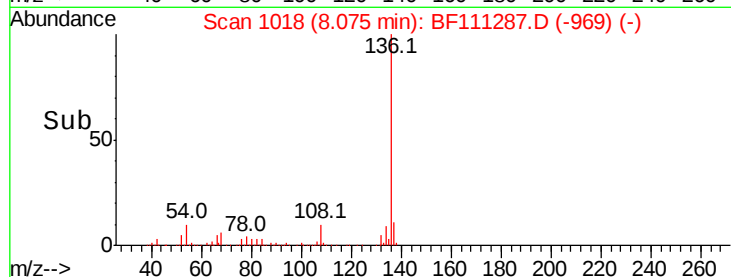
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111287.D
Acq: 11 Dec 2018 20:09

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-3-TOTAL

Tot Ion:	136	Resp:	917140
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	10.2	7.7	11.5
68	5.8	4.9	7.3

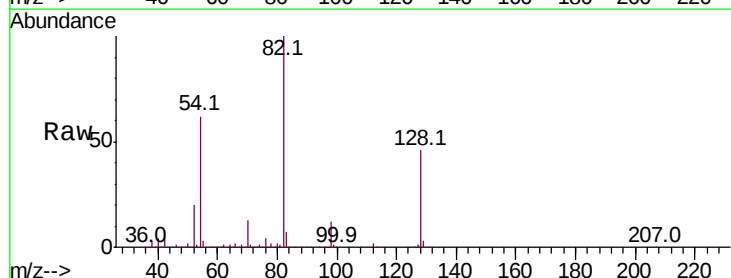


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

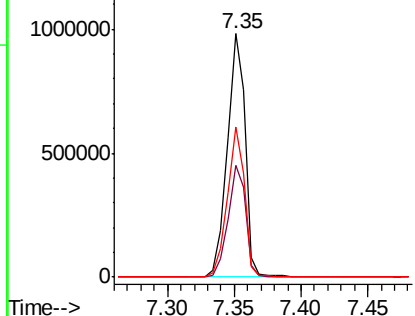
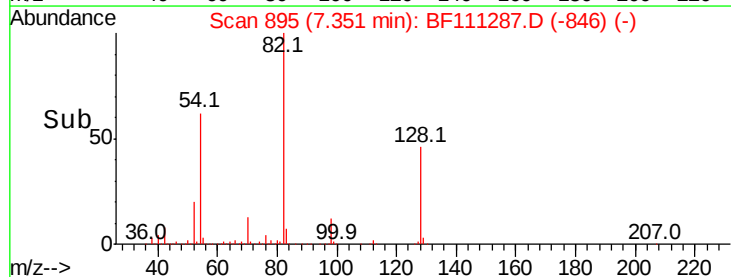


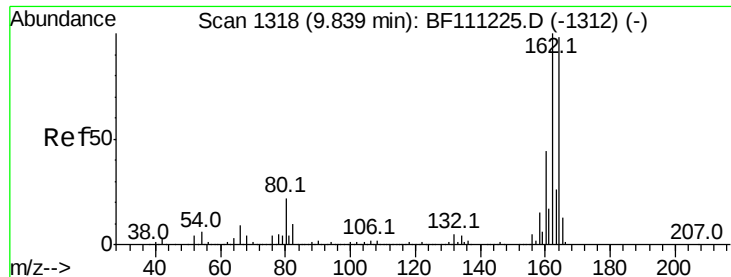
#23
Nitrobenzene-d5
Concen: 57.103 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111287.D
Acq: 11 Dec 2018 20:09

Tgt Ion:	82	Resp:	933728
Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.4	56.2
54	61.8	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

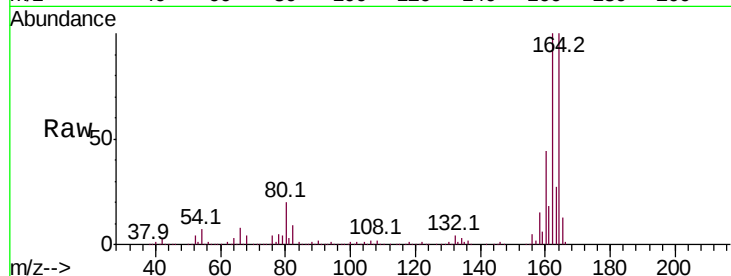




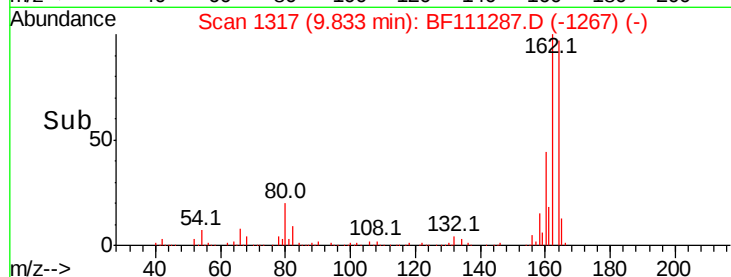
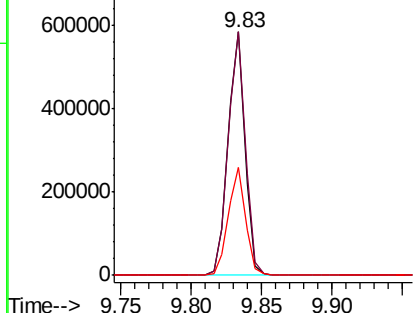
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF111287.D
 Acq: 11 Dec 2018 20:09

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-3-TOTAL

Tot Ion:164 Resp: 485809
 Ion Ratio Lower Upper
 164 100
 162 100.0 81.4 122.0
 160 44.4 35.7 53.5

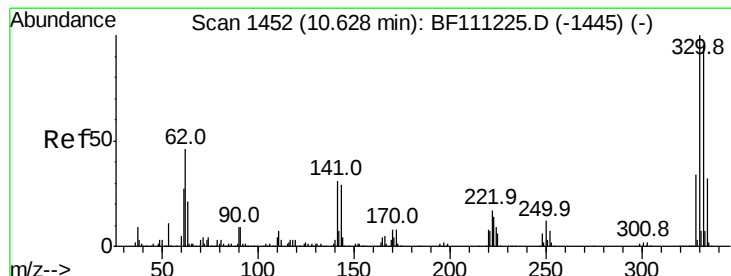


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

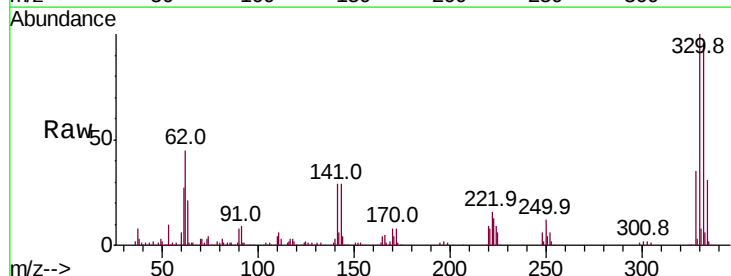
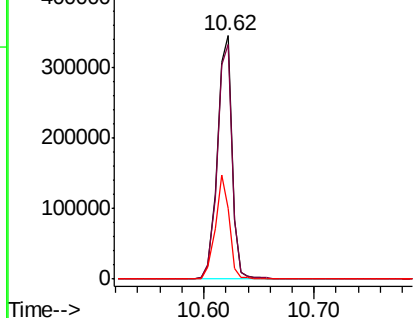


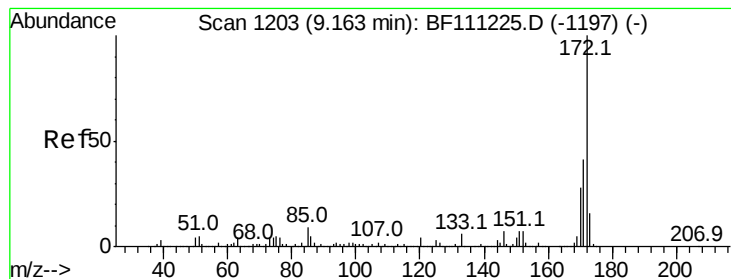
#42
 2,4,6-Tribromophenol
 Concen: 74.363 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF111287.D
 Acq: 11 Dec 2018 20:09

Tgt Ion:330 Resp: 320008
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.0 114.0
 141 40.0 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: 64.886 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF111287.D

Acq: 11 Dec 2018 20:09

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-3-TOTAL

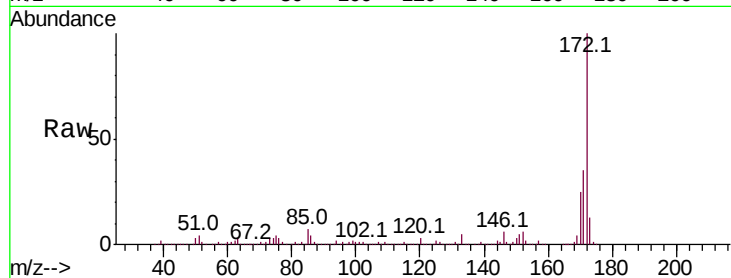
Tot Ion:172 Resp: 1951151

Ion Ratio Lower Upper

172 100

171 35.4 33.0 49.4

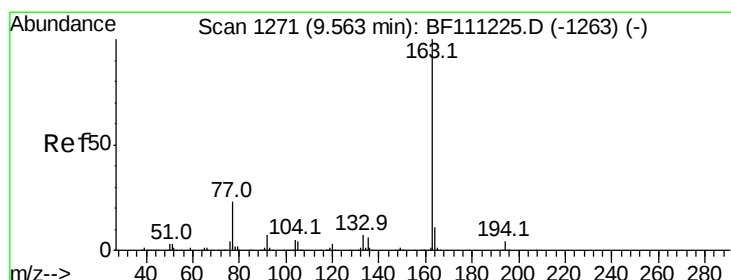
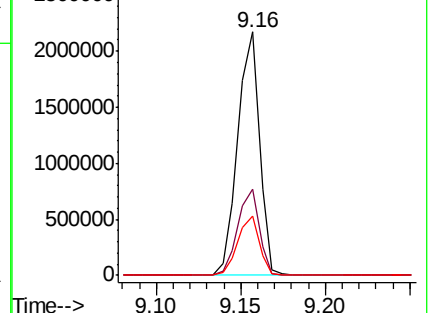
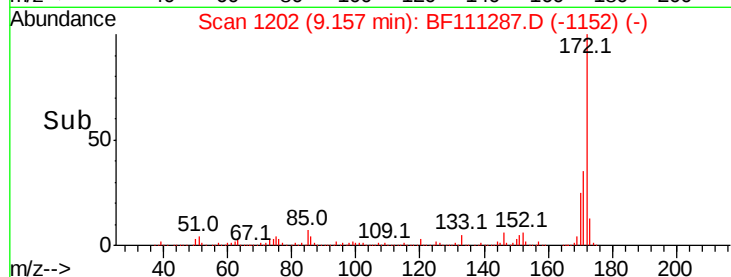
170 24.5 22.3 33.5



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: 10.410 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF111287.D

Acq: 11 Dec 2018 20:09

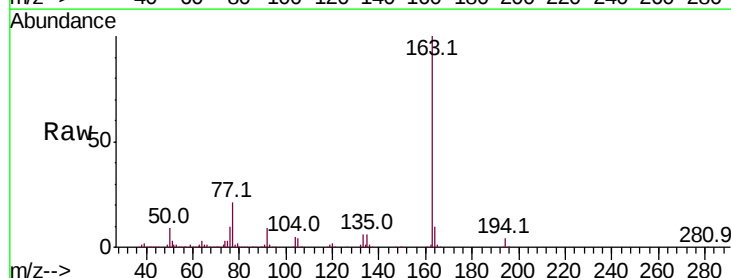
Tgt Ion:163 Resp: 373143

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

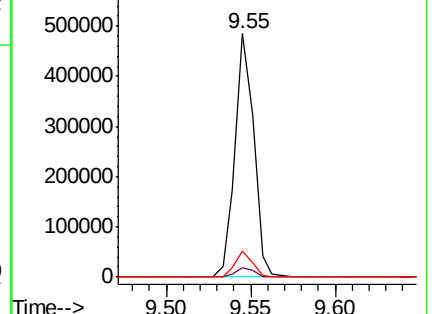
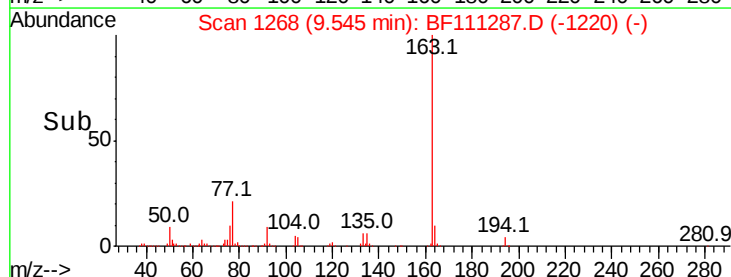
164 10.5 8.9 13.3

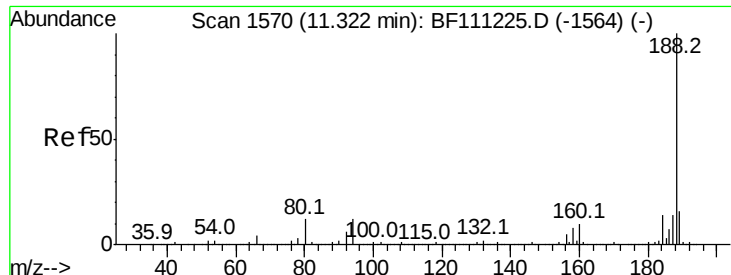


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF111287.D

Acq: 11 Dec 2018 20:09

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-3-TOTAL

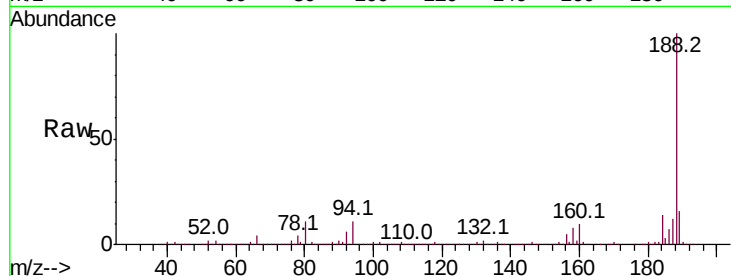
Tot Ion:188 Resp: 905471

Ion Ratio Lower Upper

188 100

94 10.9 9.6 14.4

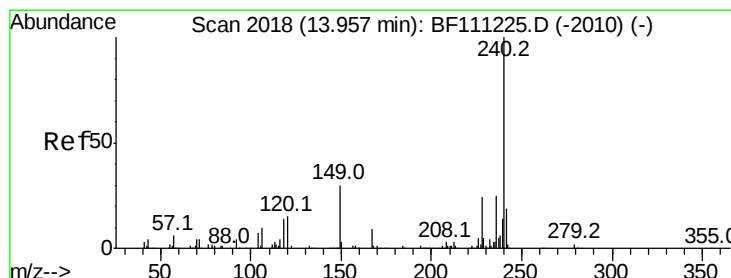
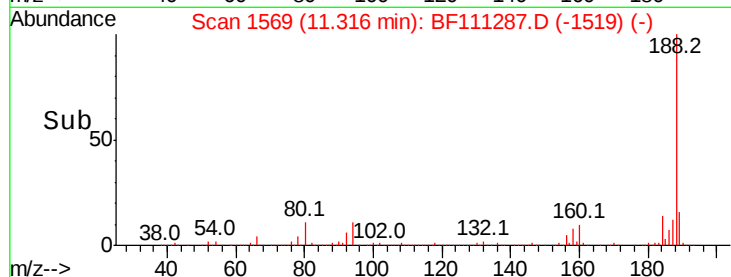
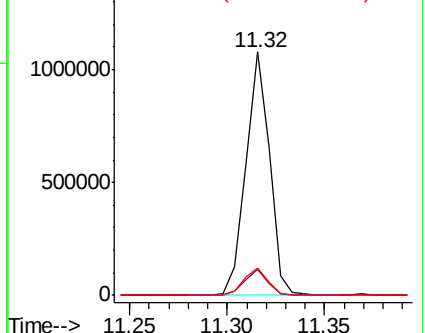
80 11.5 9.8 14.6



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: BF111287.D

Acq: 11 Dec 2018 20:09

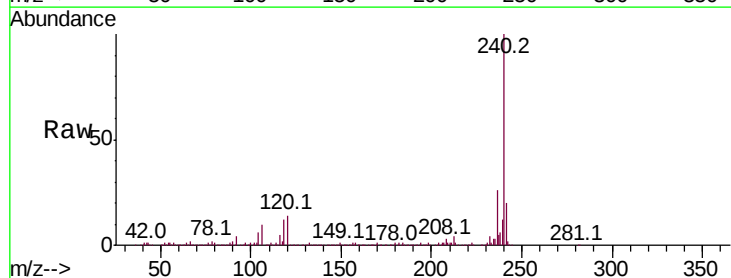
Tgt Ion:240 Resp: 689125

Ion Ratio Lower Upper

240 100

120 13.9 12.2 18.2

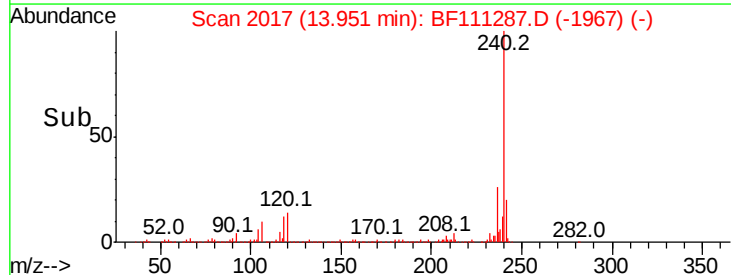
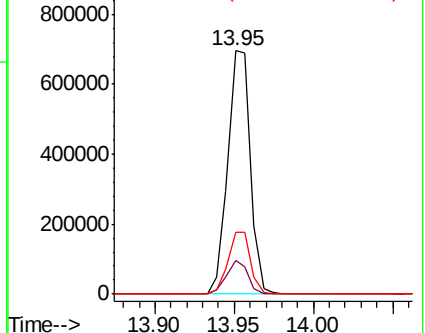
236 25.6 20.2 30.2

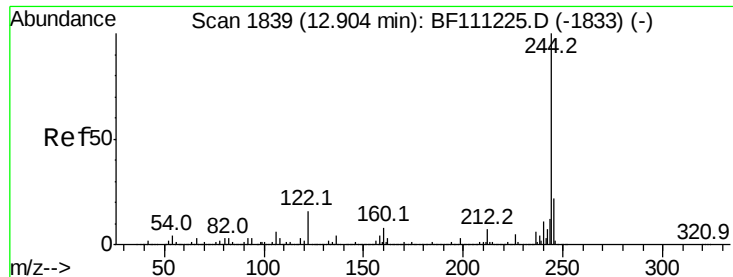


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



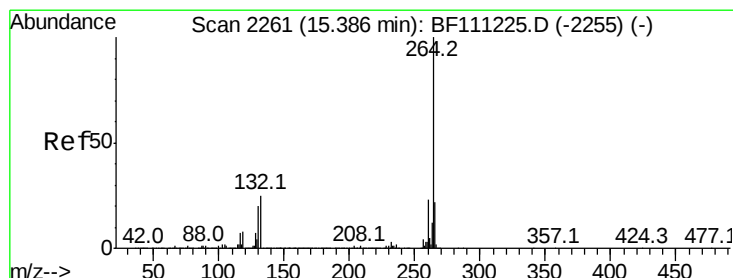
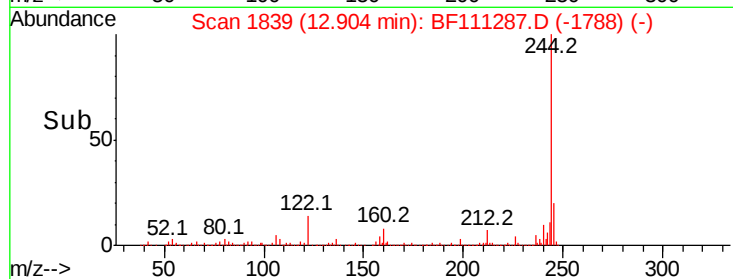
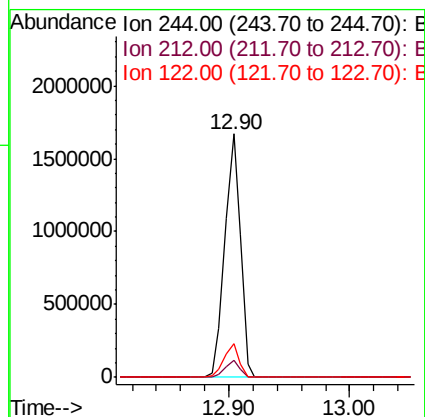
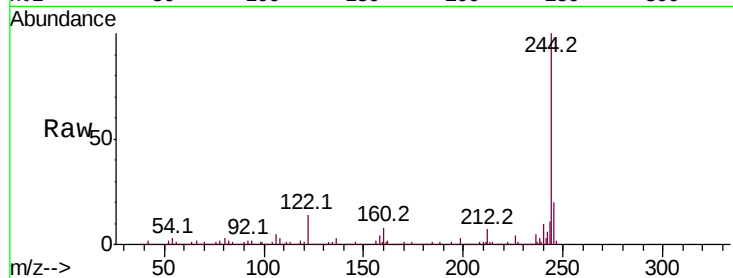


#79
 Terphenyl-d14
 Concen: 51.875 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BF111287.D
 Acq: 11 Dec 2018 20:09

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-3-TOTAL

Tot Ion:244 Resp: 1490369

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	13.6	13.1	19.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2264
 Delta R.T. 0.02 min
 Lab File: BF111287.D
 Acq: 11 Dec 2018 20:09

Tgt Ion:264 Resp: 559975

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.3	27.5
265	21.2	17.7	26.5

