

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111191.D
 Acq On : 7 Dec 2018 17:15
 Operator : JU/SJ
 Sample : J5996-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-01R-A

Quant Time: Dec 08 01:29:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	365642	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1480912	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	718217	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1274425	20.00	ng	0.00
76) Chrysene-d12	13.96	240	911317	20.00	ng	0.00
87) Perylene-d12	15.40	264	808092	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1601477	68.35	ng	0.00
7) Phenol-d6	6.43	99	1349841	44.72	ng	0.00
23) Nitrobenzene-d5	7.36	82	2054607	82.14	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	695691	121.86	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3300402	85.07	ng	0.00
79) Terphenyl-d14	12.91	244	3220860	72.38	ng	0.00

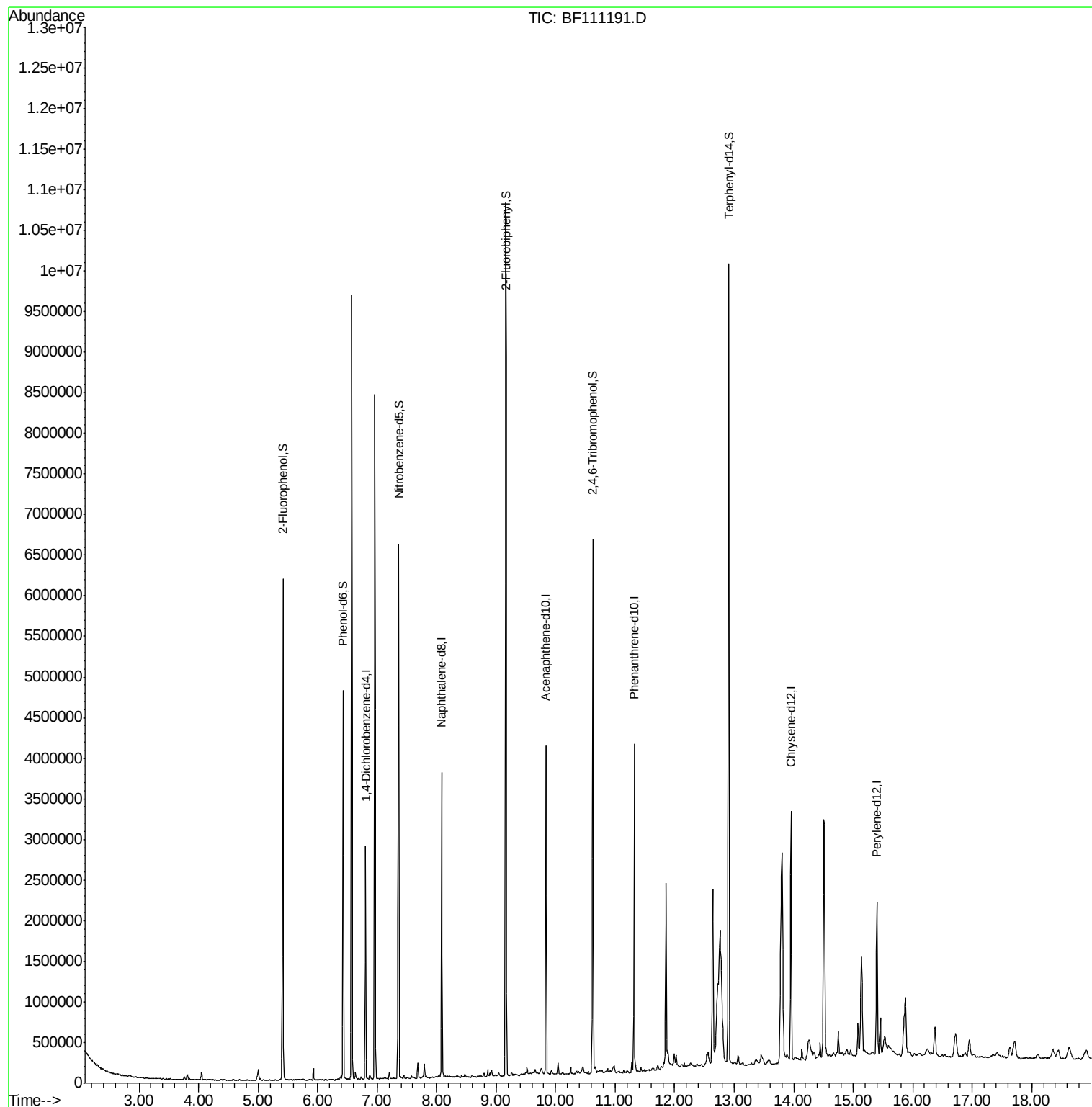
Target Compounds Qvalue

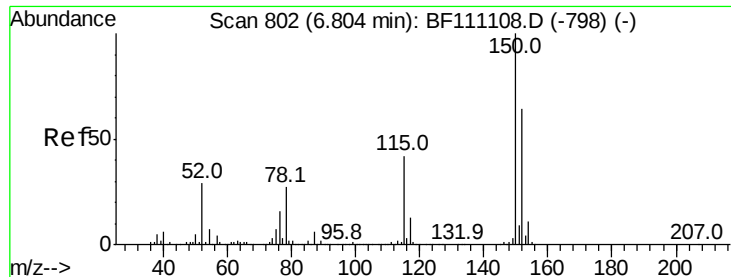
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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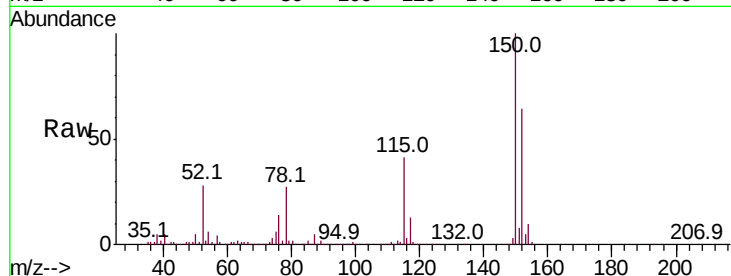


#1

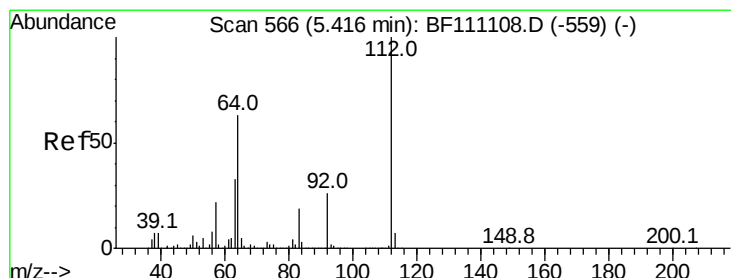
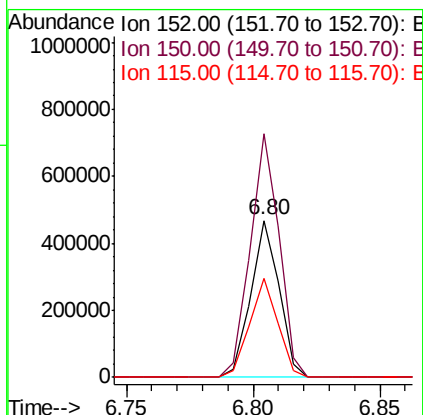
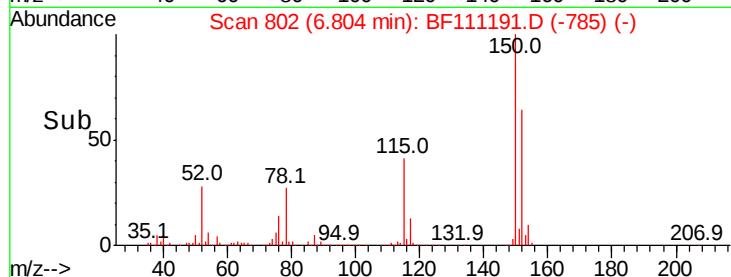
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111191.D
Acq: 7 Dec 2018 17:15

Instrument :
BNA_F
ClientSampleId :
NON-UST-01R-A

Tot Ion:152 Resp: 365642
Ion Ratio Lower Upper
152 100
150 155.3 124.6 187.0
115 63.5 52.2 78.2



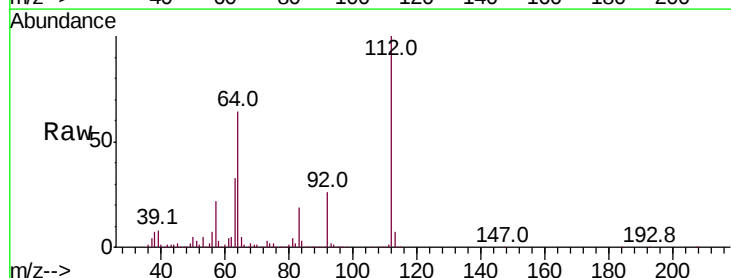
Abundance Ion 152.00 (151.70 to 152.70): E
1000000
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



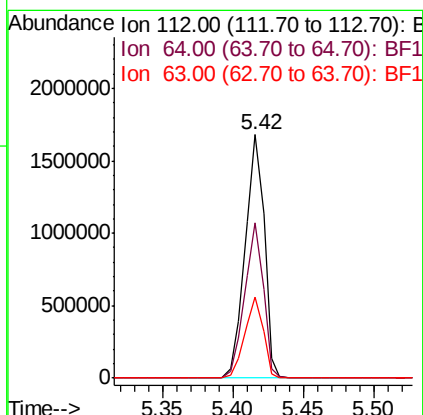
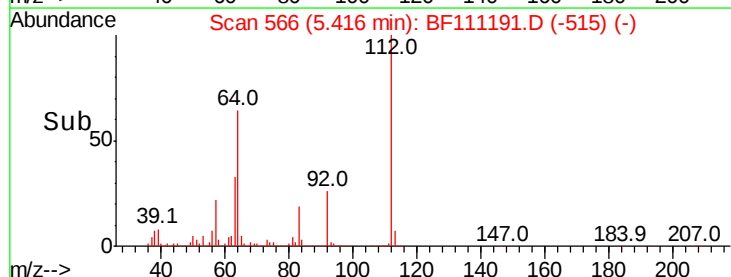
#5

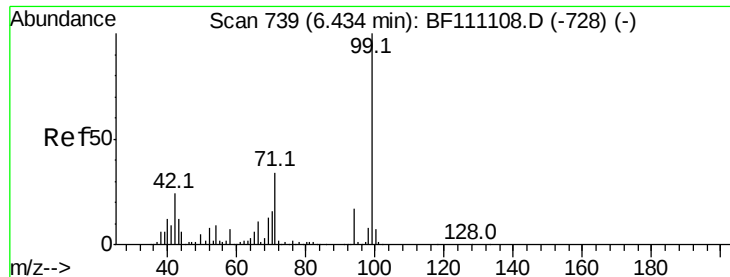
2-Fluorophenol
Concen: 68.347 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF111191.D
Acq: 7 Dec 2018 17:15

Tgt Ion:112 Resp: 1601477
Ion Ratio Lower Upper
112 100
64 64.0 50.2 75.4
63 33.4 26.6 39.8



Abundance Ion 112.00 (111.70 to 112.70): E
2000000
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 44.720 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111191.D

Acq: 7 Dec 2018 17:15

Instrument :

BNA_F

ClientSampleId :

NON-UST-01R-A

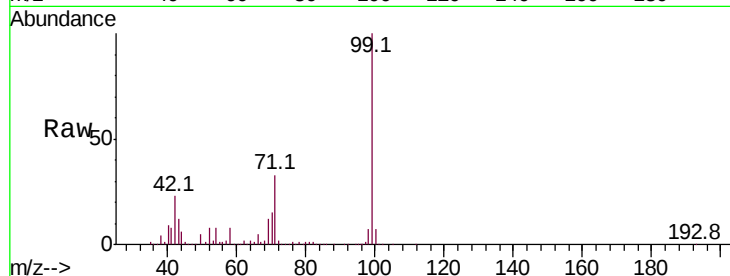
Tot Ion: 99 Resp: 1349841

Ion Ratio Lower Upper

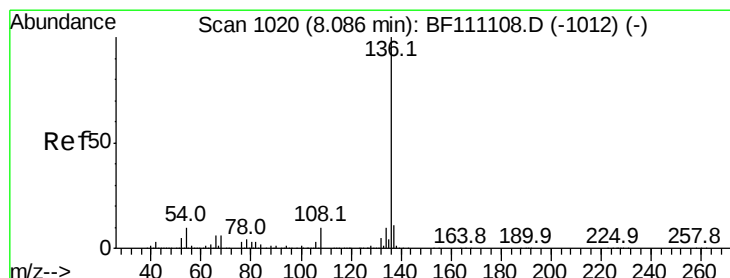
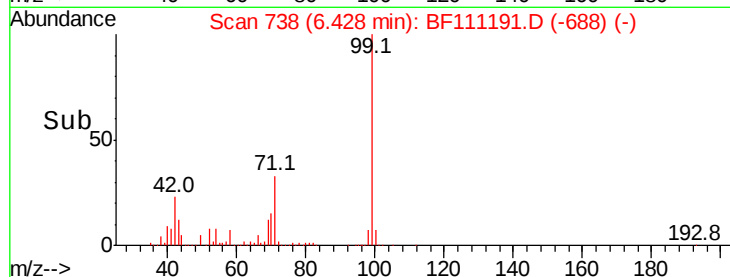
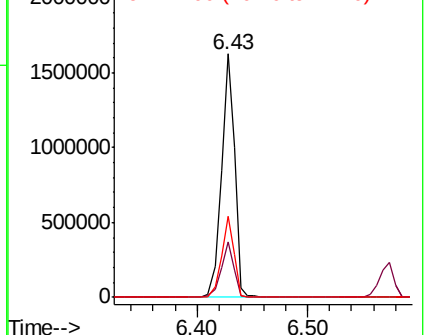
99 100

42 22.7 19.3 28.9

71 33.2 27.4 41.2



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# 1020

Delta R.T. -0.00 min

Lab File: BF111191.D

Acq: 7 Dec 2018 17:15

Tgt Ion:136 Resp: 1480912

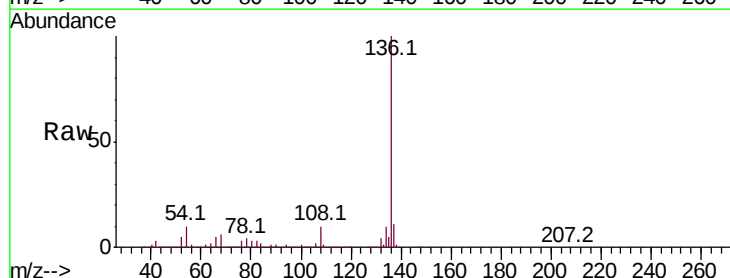
Ion Ratio Lower Upper

136 100

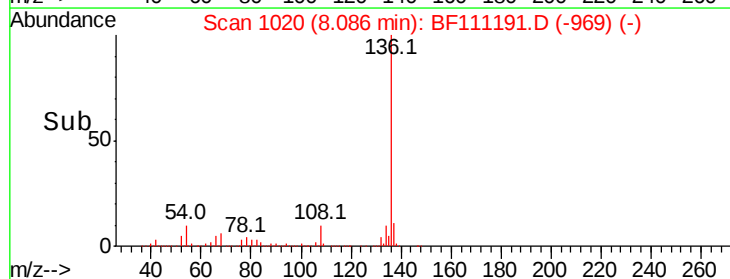
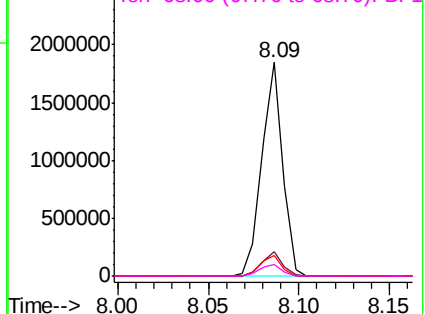
137 11.2 9.0 13.6

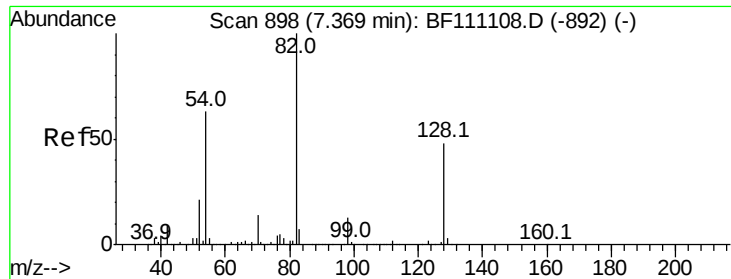
54 9.7 8.4 12.6

68 5.6 5.0 7.4



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

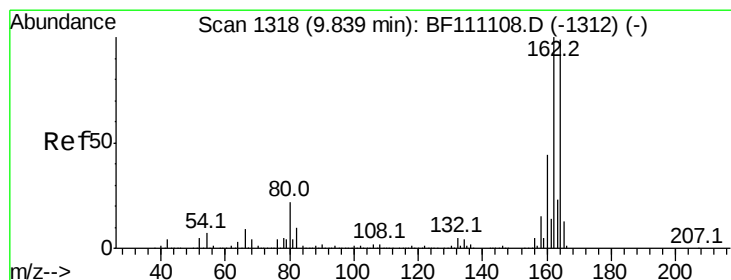
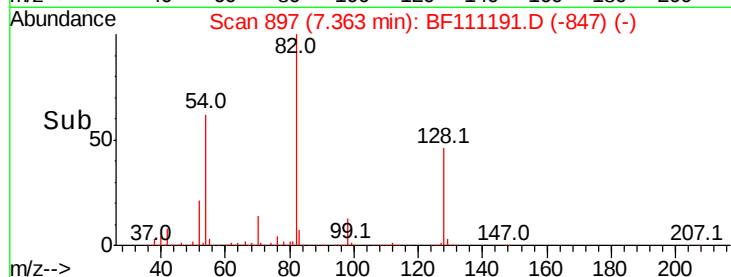
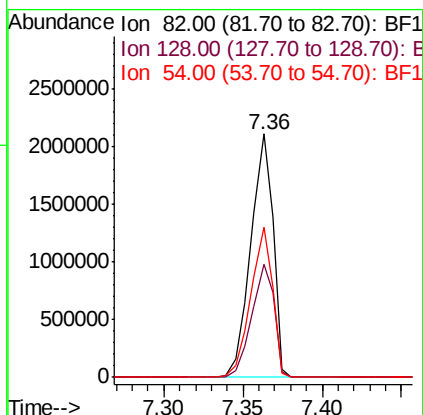
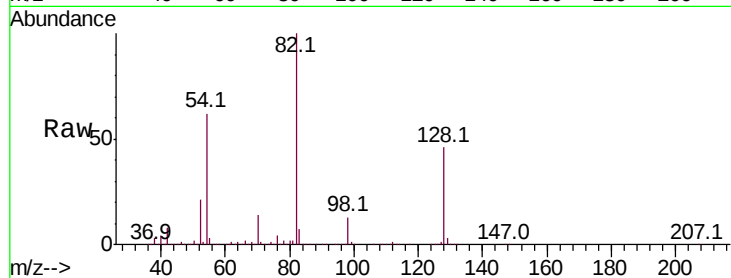




#23
Nitrobenzene-d5
Concen: 82.138 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111191.D
Acq: 7 Dec 2018 17:15

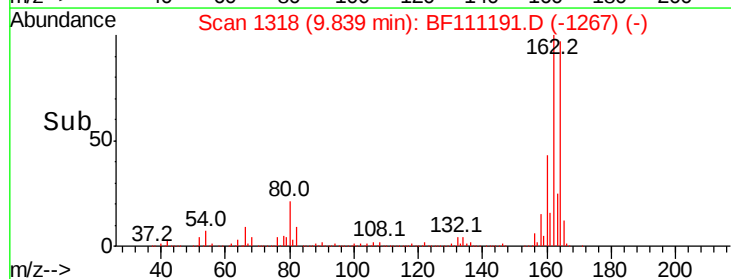
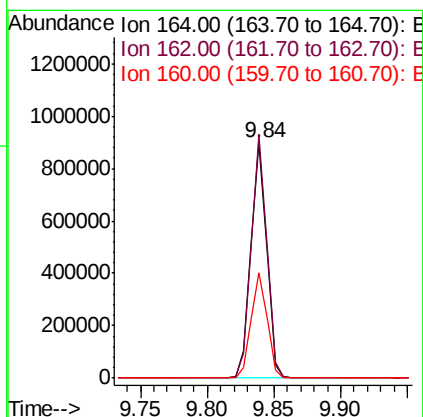
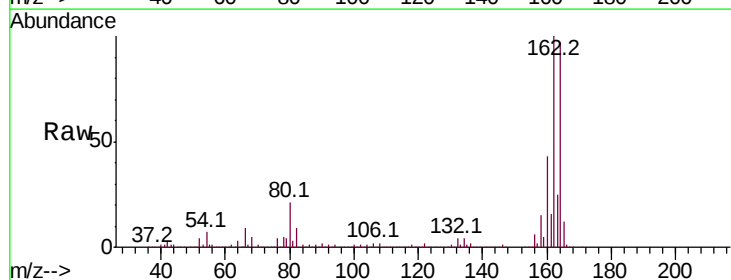
Instrument :
BNA_F
ClientSampleId :
NON-UST-01R-A

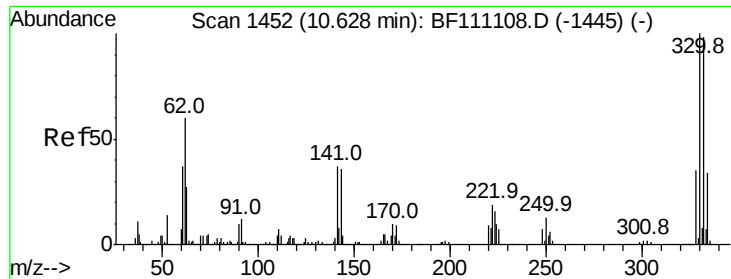
Tot Ion: 82 Resp: 2054607
Ion Ratio Lower Upper
82 100
128 46.3 38.1 57.1
54 61.5 50.3 75.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111191.D
Acq: 7 Dec 2018 17:15

Tgt Ion:164 Resp: 718217
Ion Ratio Lower Upper
164 100
162 103.6 80.6 120.8
160 44.9 35.5 53.3

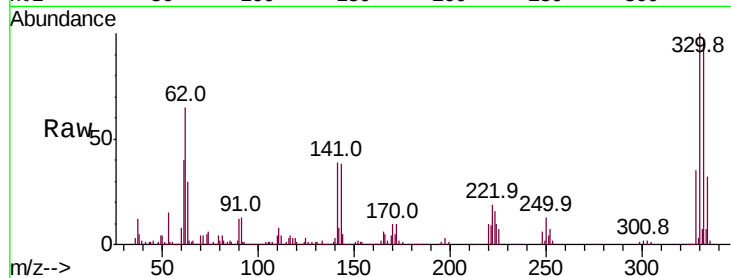




#42
 2,4,6-Tribromophenol
 Concen: 121.859 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF111191.D
 Acq: 7 Dec 2018 17:15

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-01R-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.2	115.8
141	40.8	36.1	54.1

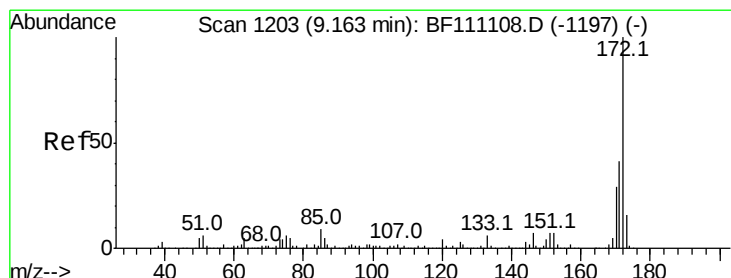
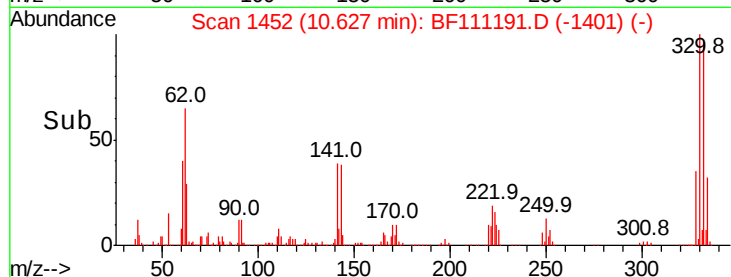
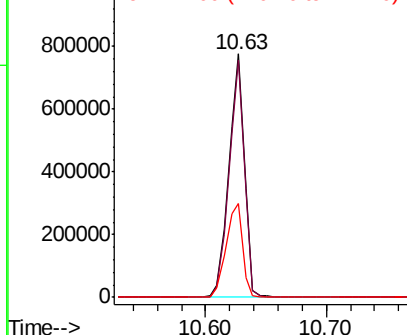


Abundance

Ion 329.80 (329.50 to 330.50): E

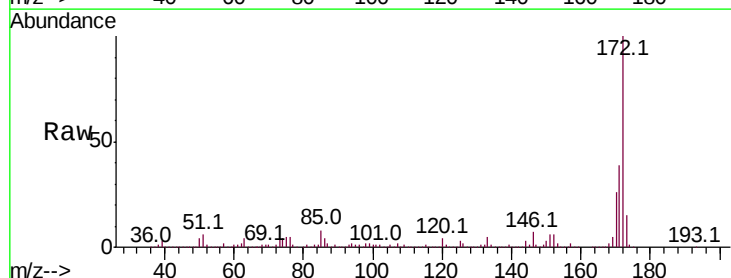
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 85.074 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF111191.D
 Acq: 7 Dec 2018 17:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	33.2	49.8
170	26.4	22.9	34.3

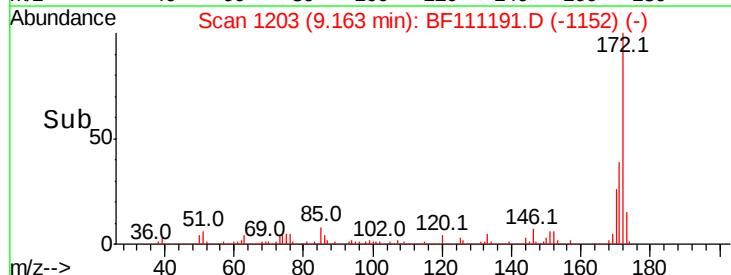
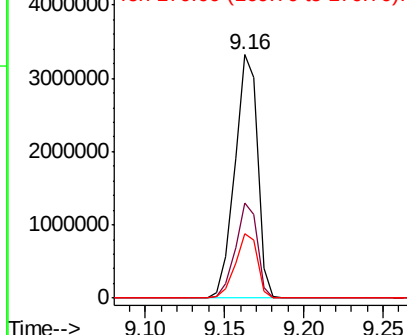


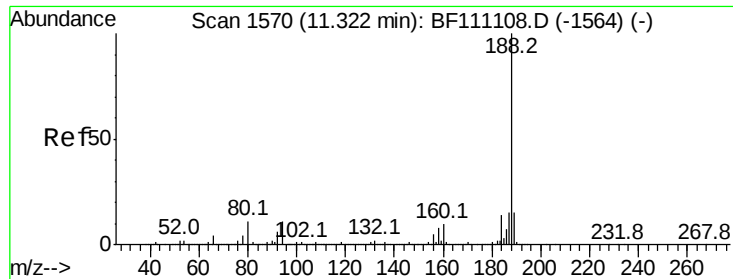
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF111191.D

Acq: 7 Dec 2018 17:15

Instrument :

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ClientSampleId :

NON-UST-01R-A

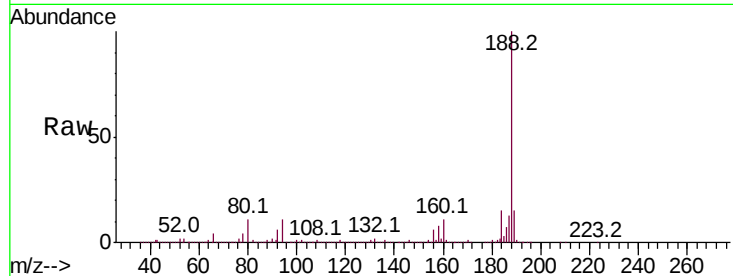
Tot Ion:188 Resp: 1274425

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

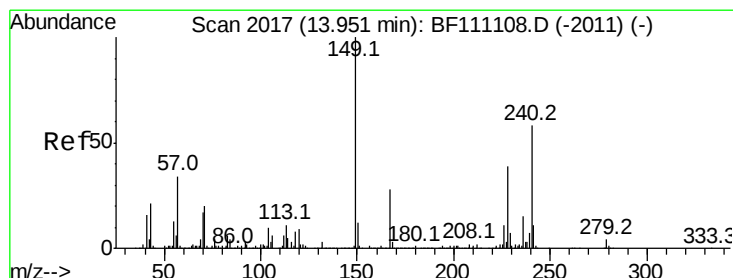
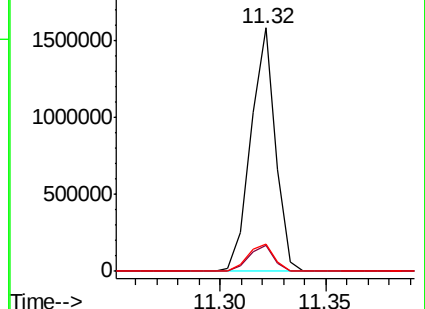
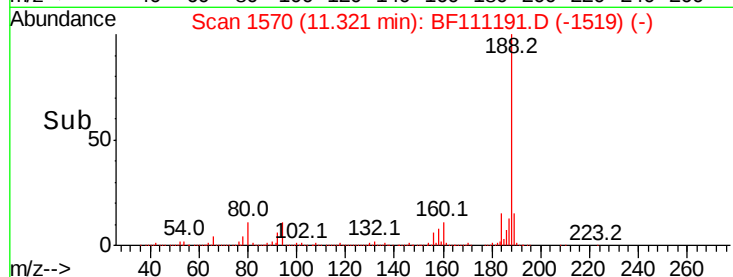
80 11.4 9.0 13.6



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: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF111191.D

Acq: 7 Dec 2018 17:15

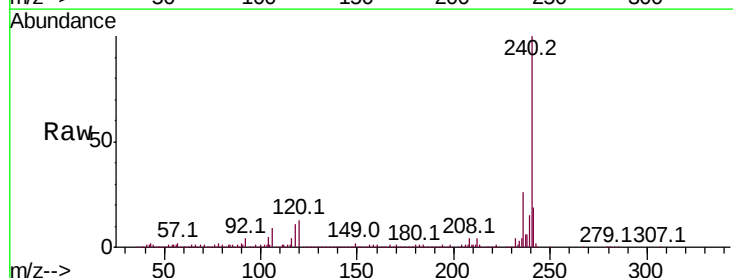
Tgt Ion:240 Resp: 911317

Ion Ratio Lower Upper

240 100

120 12.7 12.8 19.2#

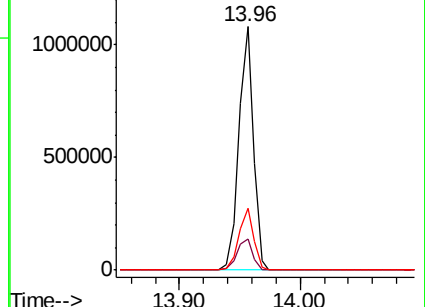
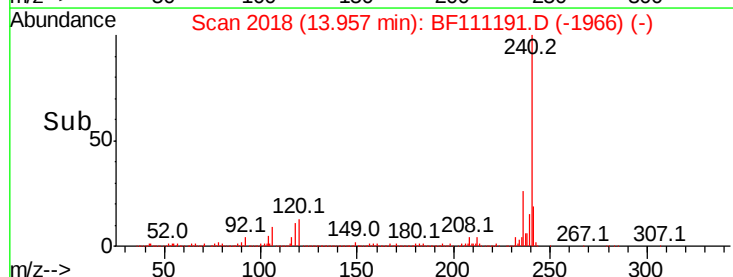
236 25.6 21.1 31.7

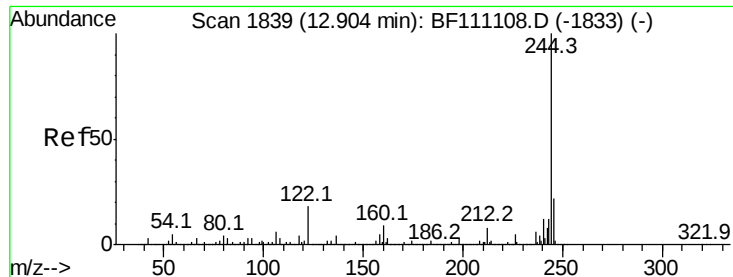


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



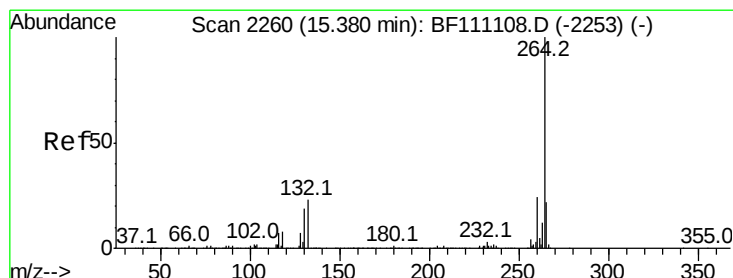
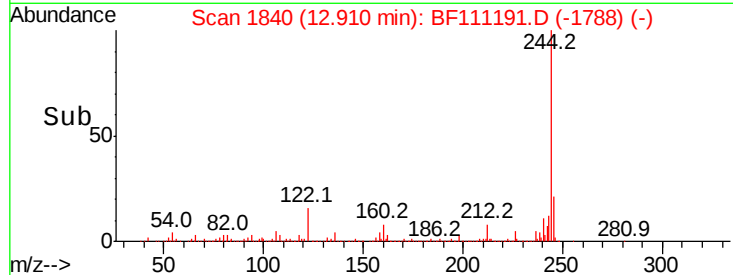
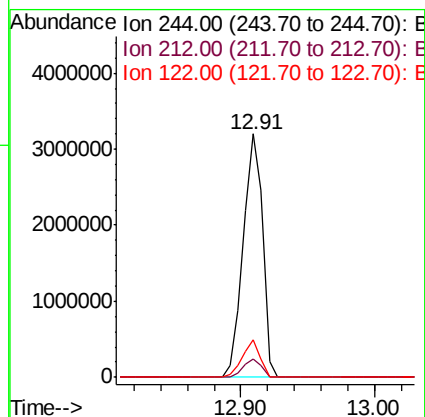
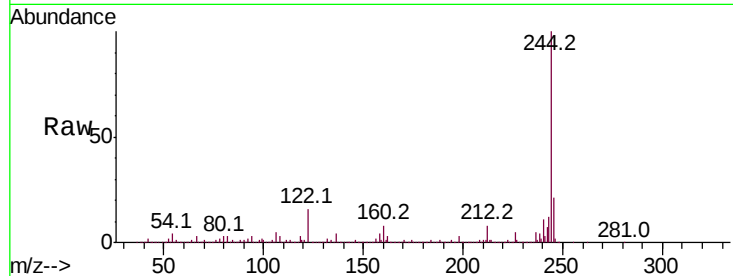


#79
 Terphenyl-d14
 Concen: 72.382 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111191.D
 Acq: 7 Dec 2018 17:15

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-01R-A

Tot Ion:244 Resp: 3220860

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.6	9.8
122	15.7	14.2	21.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2263
 Delta R.T. 0.02 min
 Lab File: BF111191.D
 Acq: 7 Dec 2018 17:15

Tgt Ion:264 Resp: 808092

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.4	29.0
265	21.6	17.4	26.0

