

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
 Data File : BF114207.D
 Acq On : 12 May 2019 21:42
 Operator : JU/SJ
 Sample : K2767-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS011-0206-01

Quant Time: May 13 07:49:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	270058	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1035781	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	471173	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	829278	20.00	ng	0.00
76) Chrysene-d12	14.01	240	628289	20.00	ng	-0.01
87) Perylene-d12	15.49	264	567102	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	1287325	76.71	ng	0.00
7) Phenol-d6	6.49	99	1664394	83.86	ng	0.00
23) Nitrobenzene-d5	7.41	82	1047120	56.73	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	366719	75.28	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1720197	55.23	ng	0.00
79) Terphenyl-d14	12.95	244	1433840	47.04	ng	0.00

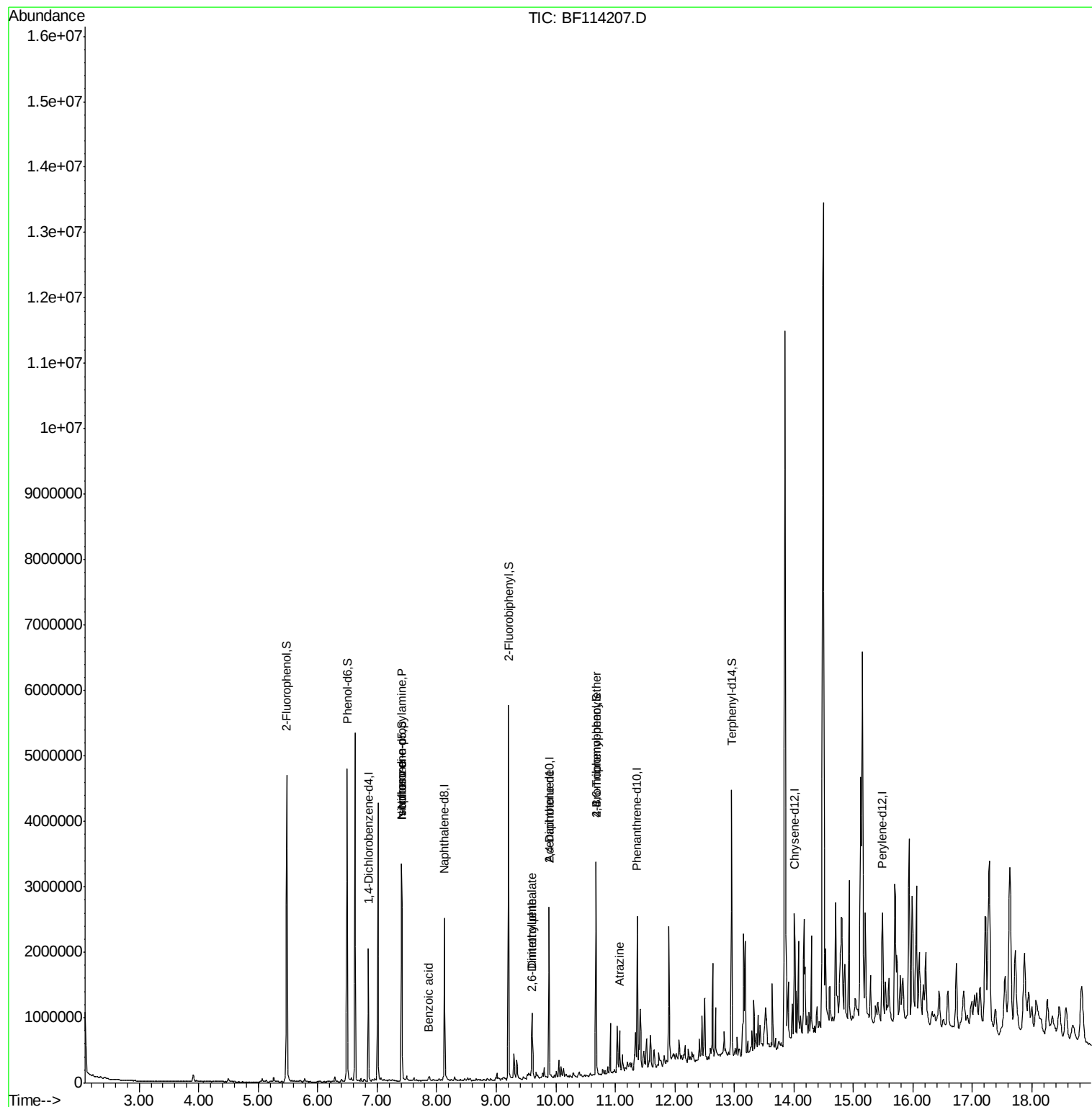
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	136992	10.889	ng	# 76
25) Isophorone	7.41	82	1043085	30.473	ng	# 64
32) Benzoic acid	7.86	122	9689	7.831	ng	93
50) Dimethylphthalate	9.60	163	366693	10.602	ng	99
51) 2,6-Dinitrotoluene	9.61	165	15360	2.002	ng	# 84
57) 2,4-Dinitrotoluene	9.89	165	60881	5.847	ng	# 26
67) 4-Bromophenyl-phenylether	10.67	248	23995	2.628	ng	# 1
69) Atrazine	11.07	200	68543	8.751	ng	# 35

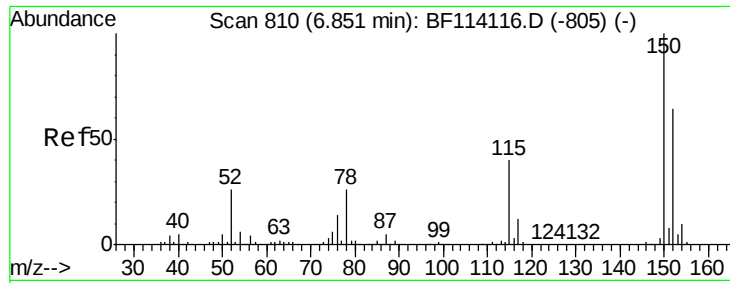
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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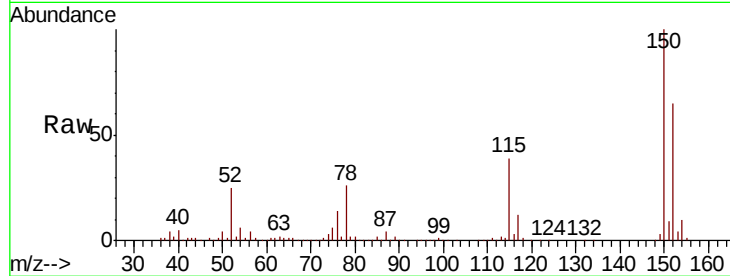


#1

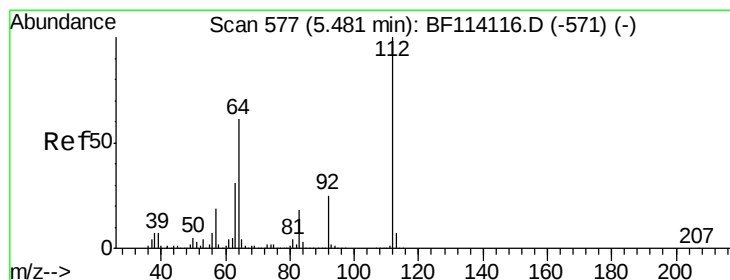
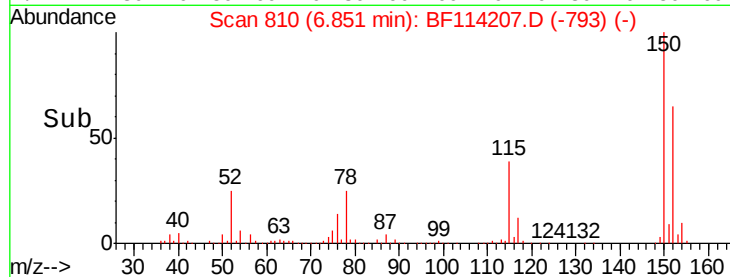
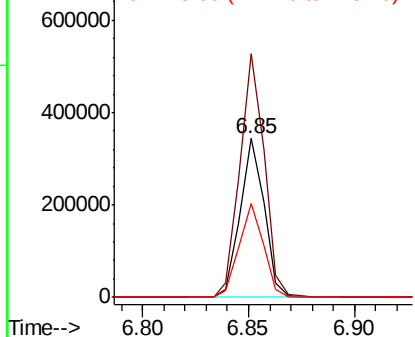
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114207.D
Acq: 12 May 2019 21:42

Instrument :
BNA_F
ClientSampleId :
P026-SS011-0206-01

Tgt Ion:152 Resp: 270058
Ion Ratio Lower Upper
152 100
150 153.1 124.3 186.5
115 59.0 49.1 73.7



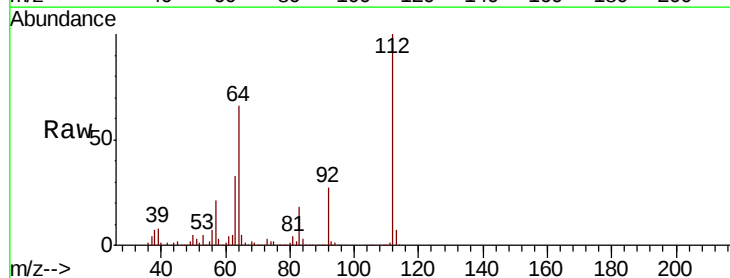
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



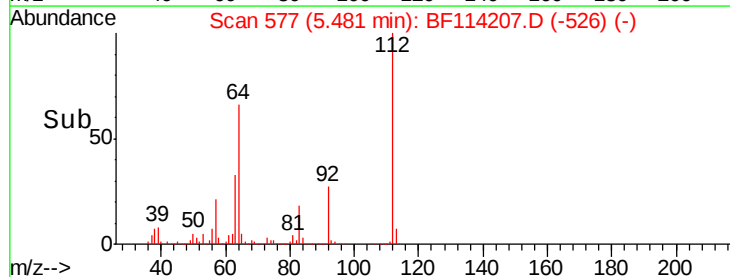
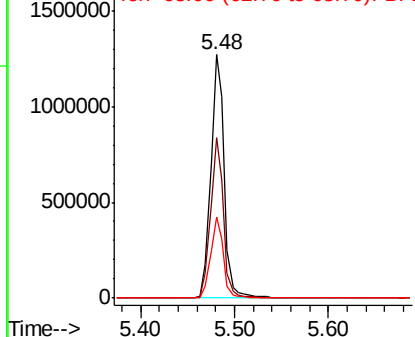
#5

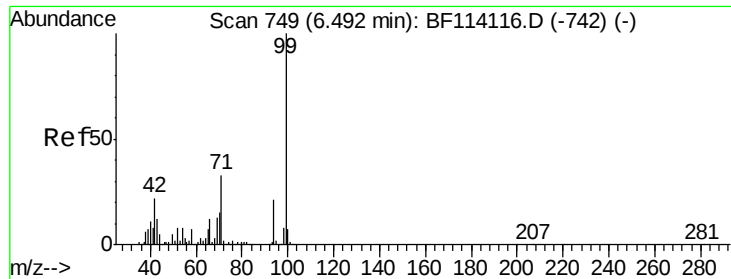
2-Fluorophenol
Concen: 76.711 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114207.D
Acq: 12 May 2019 21:42

Tgt Ion:112 Resp: 1287325
Ion Ratio Lower Upper
112 100
64 65.6 49.0 73.6
63 33.3 24.6 37.0



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: 83.857 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114207.D

Acq: 12 May 2019 21:42

Instrument :

BNA_F

ClientSampleId :

P026-SS011-0206-01

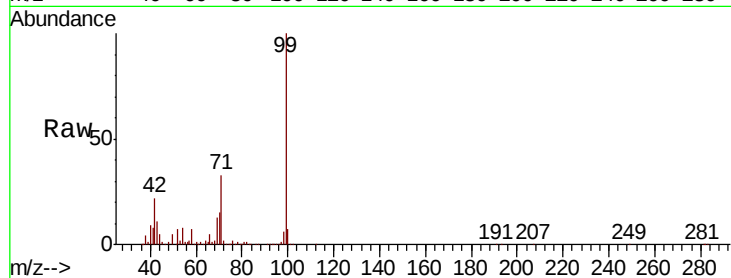
Tgt Ion: 99 Resp: 1664394

Ion Ratio Lower Upper

99 100

42 22.2 17.9 26.9

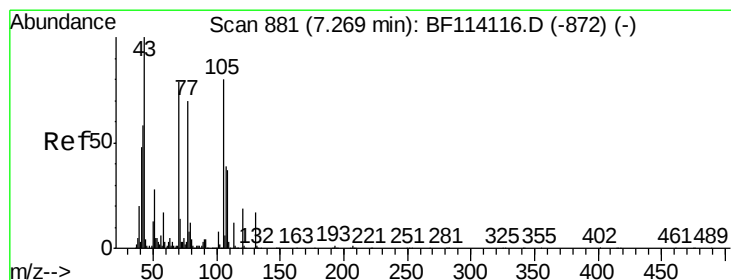
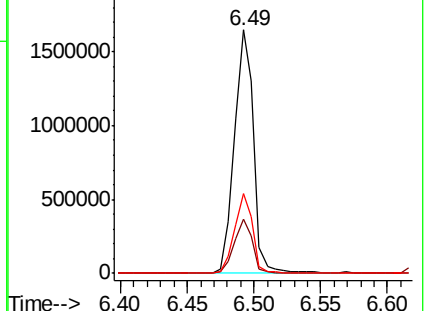
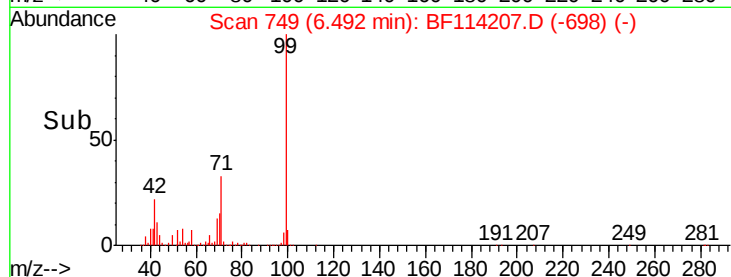
71 32.5 26.2 39.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.889 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114207.D

Acq: 12 May 2019 21:42

Tgt Ion: 70 Resp: 136992

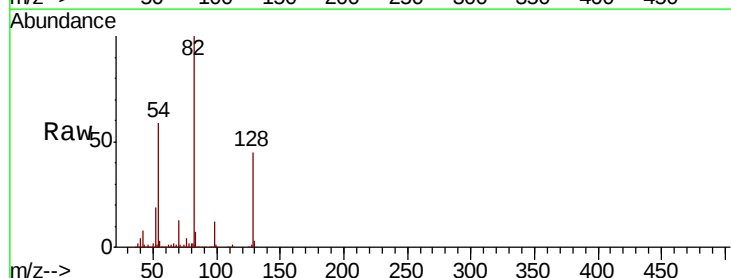
Ion Ratio Lower Upper

70 100

42 57.4 58.6 87.8#

101 0.0 7.8 11.8#

130 2.2 17.1 25.7#

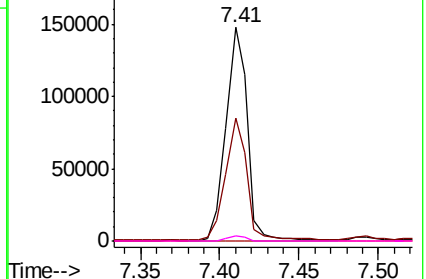
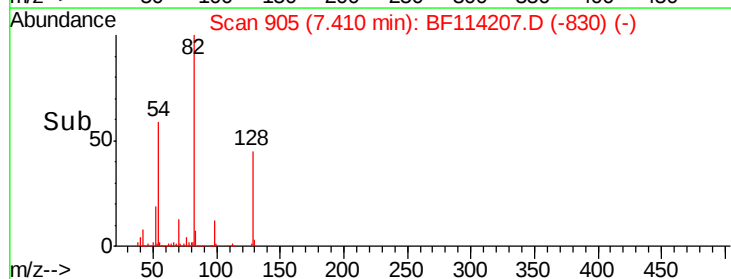


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

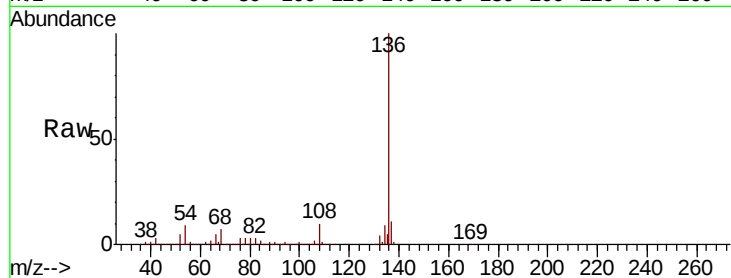




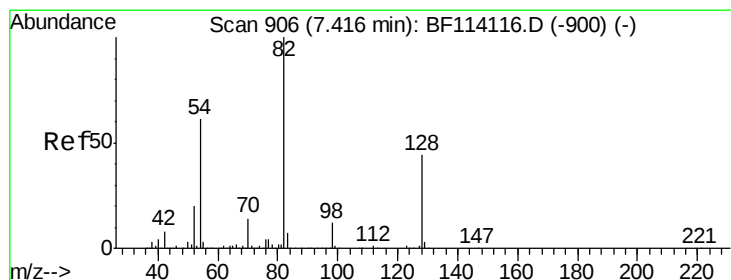
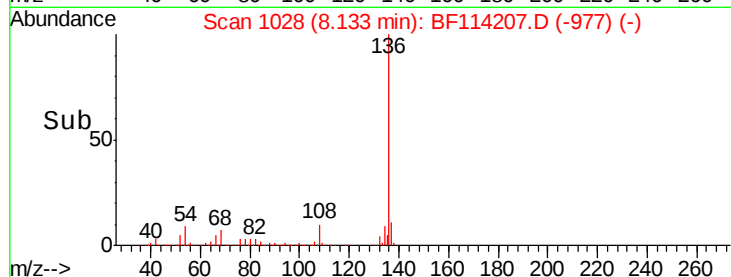
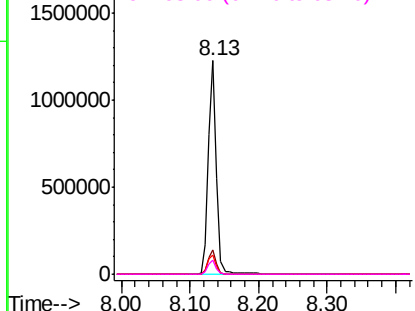
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114207.D
Acq: 12 May 2019 21:42

Instrument :
BNA_F
ClientSampleId :
P026-SS011-0206-01

Tgt Ion:	136	Resp:	1035781
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	9.1	7.8	11.8
68	6.6	5.1	7.7

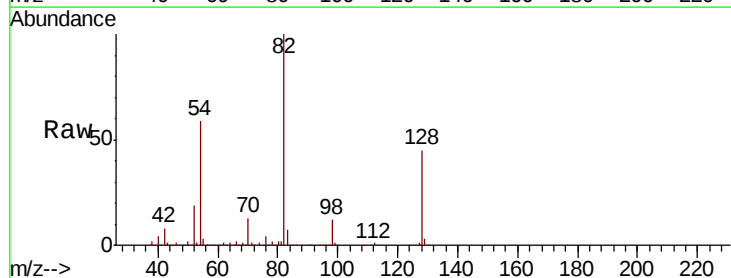


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

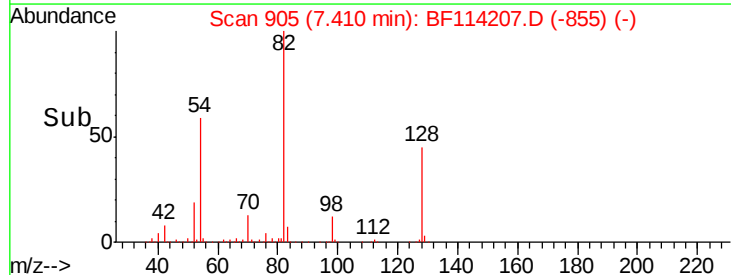
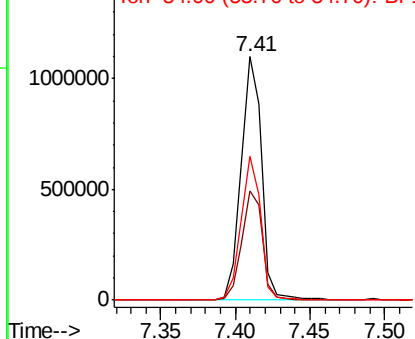


#23
Nitrobenzene-d5
Concen: 56.734 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114207.D
Acq: 12 May 2019 21:42

Tgt Ion:	82	Resp:	1047120
Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.5	53.3
54	59.0	48.5	72.7



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: 30.473 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114207.D

Acq: 12 May 2019 21:42

Instrument :

BNA_F

ClientSampleId :

P026-SS011-0206-01

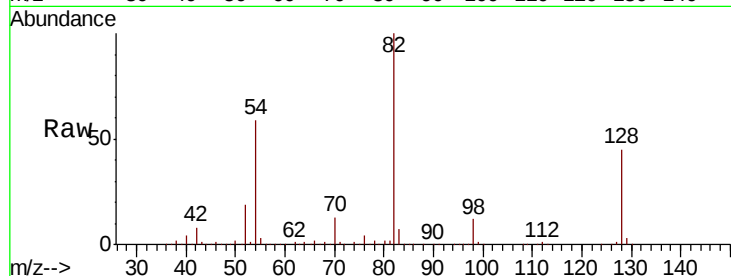
Tgt Ion: 82 Resp: 1043085

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

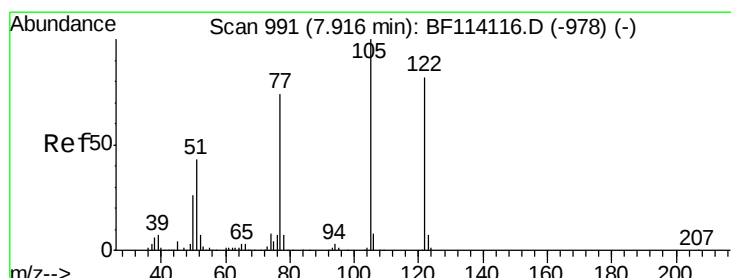
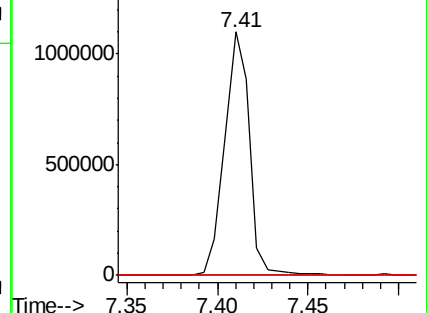
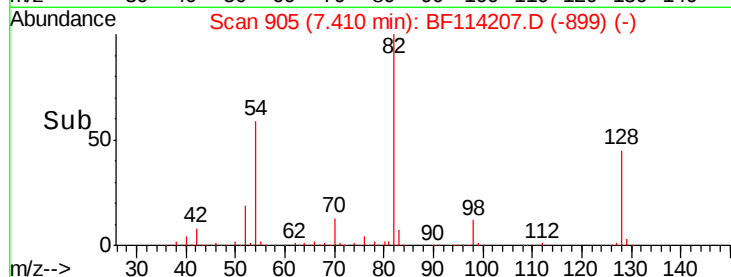
138 0.0 14.8 22.2#



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



#32

Benzoic acid

Concen: 7.831 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.06 min

Lab File: BF114207.D

Acq: 12 May 2019 21:42

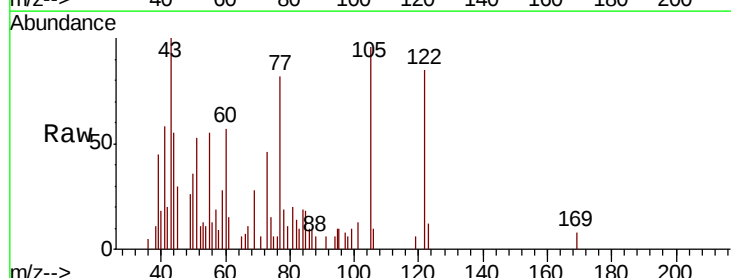
Tgt Ion: 122 Resp: 9689

Ion Ratio Lower Upper

122 100

105 113.3 99.9 139.9

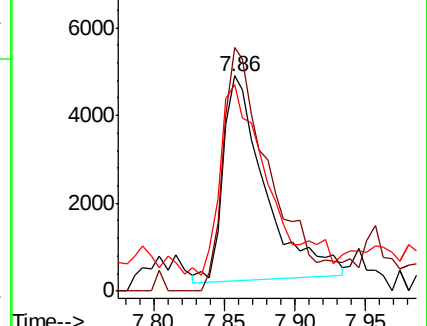
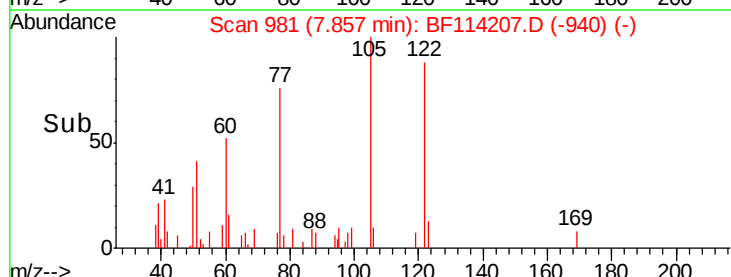
77 96.2 69.4 109.4

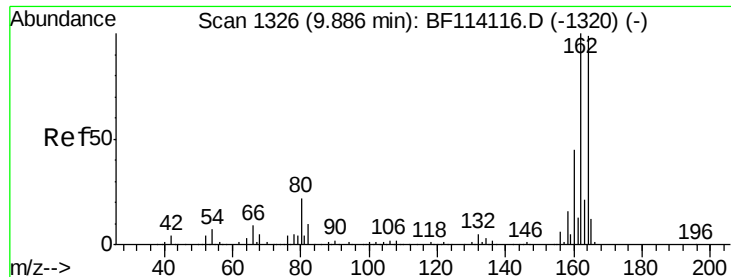


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

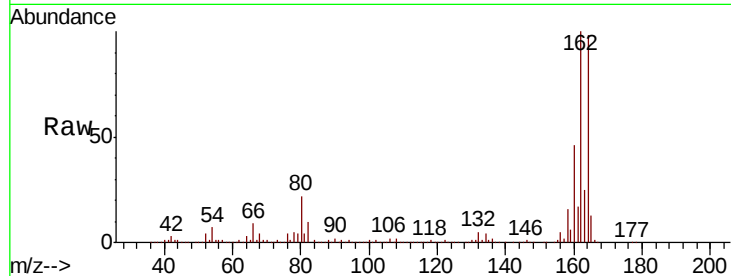




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114207.D
Acq: 12 May 2019 21:42

Instrument :
BNA_F
ClientSampleId :
P026-SS011-0206-01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	120.8
160	46.5	36.5	54.7

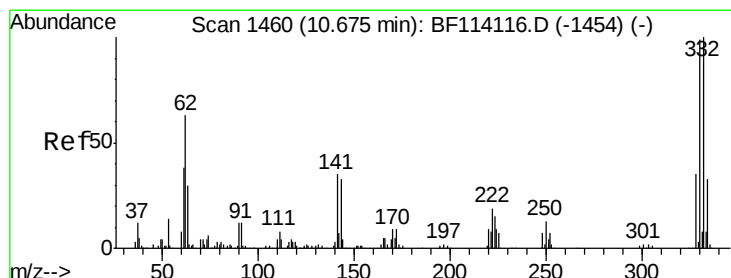
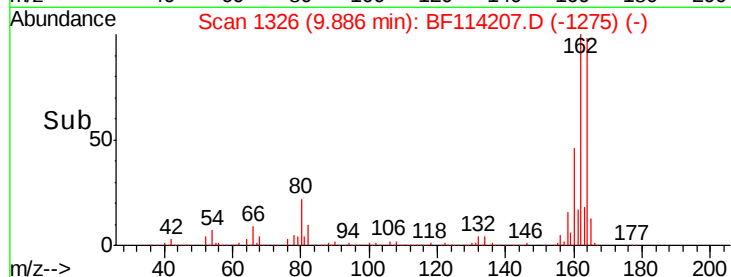
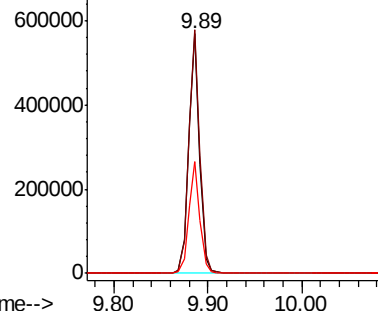


Abundance

Ion 164.00 (163.70 to 164.70): E

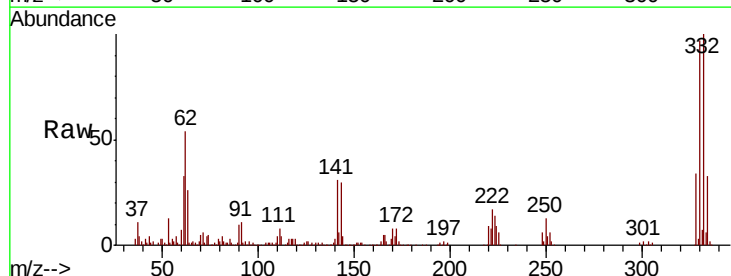
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 75.284 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF114207.D
Acq: 12 May 2019 21:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	103.8	81.4	122.2
141	32.6	26.6	40.0

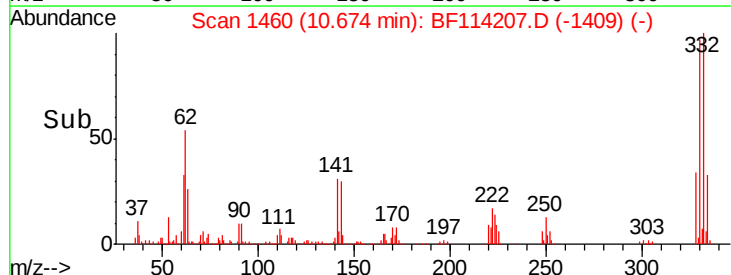
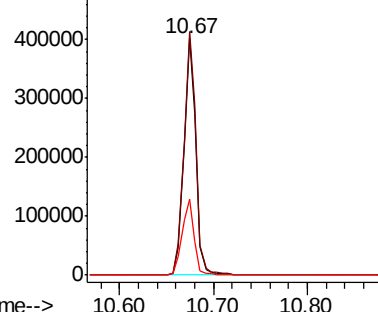


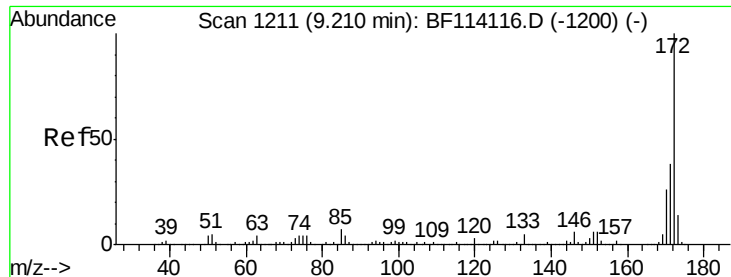
Abundance

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: 55.226 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF114207.D

Acq: 12 May 2019 21:42

Instrument :

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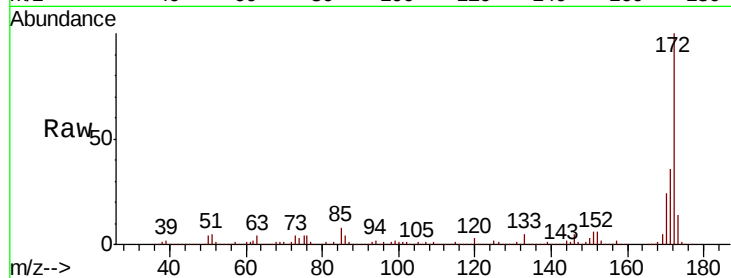
Tgt Ion:172 Resp: 1720197

Ion Ratio Lower Upper

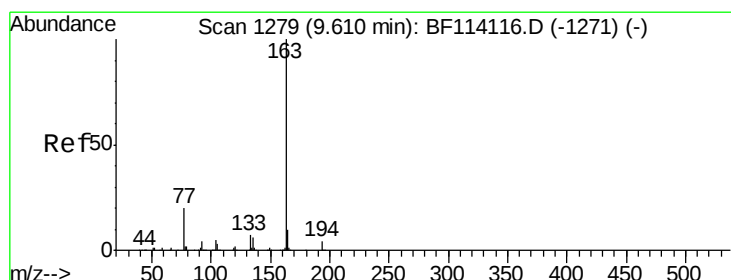
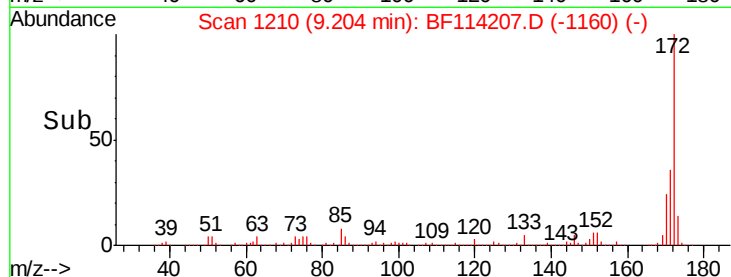
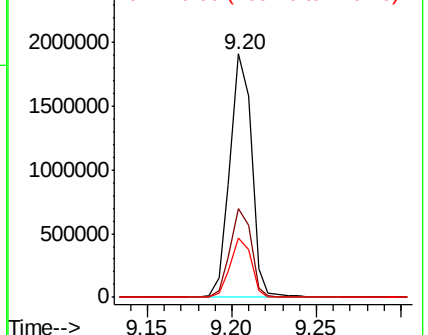
172 100

171 36.4 30.7 46.1

170 24.2 20.5 30.7



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: 10.602 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF114207.D

Acq: 12 May 2019 21:42

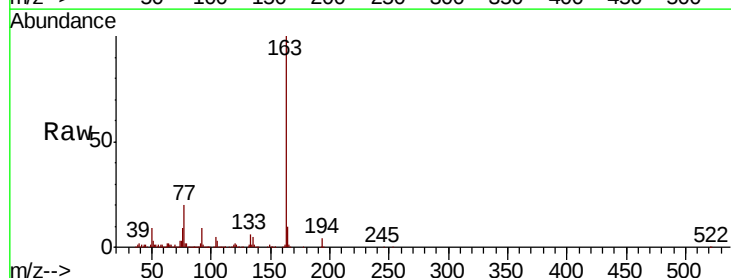
Tgt Ion:163 Resp: 366693

Ion Ratio Lower Upper

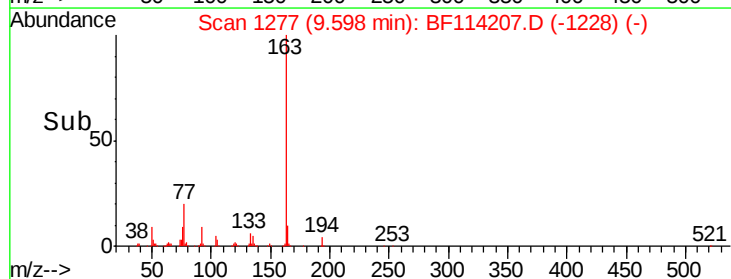
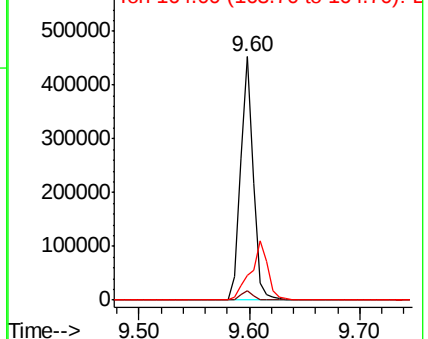
163 100

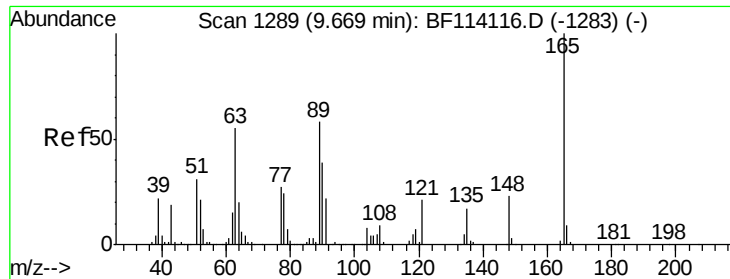
194 3.8 3.4 5.0

164 10.4 8.2 12.2



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





#51

2,6-Dinitrotoluene

Concen: 2.002 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.06 min

Lab File: BF114207.D

Acq: 12 May 2019 21:42

Instrument :

BNA_F

ClientSampleId :

P026-SS011-0206-01

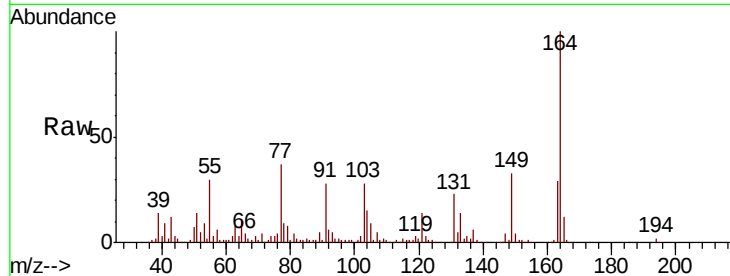
Tgt Ion:165 Resp: 15360

Ion Ratio Lower Upper

165 100

63 66.5 50.2 75.4

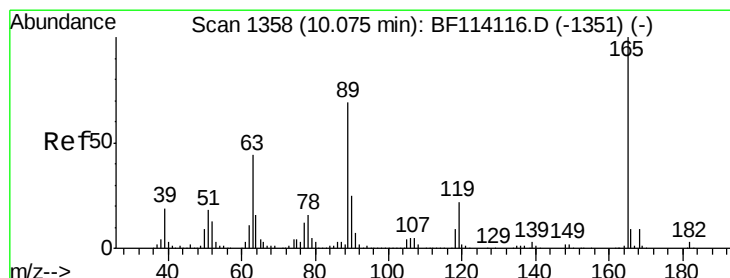
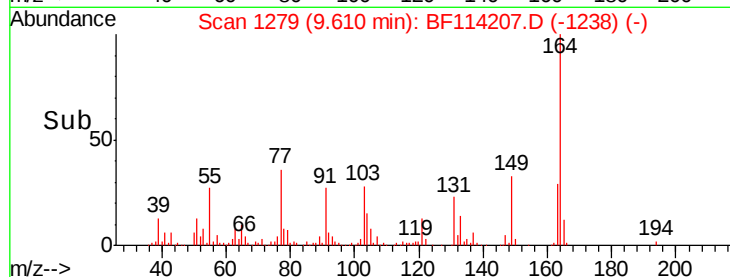
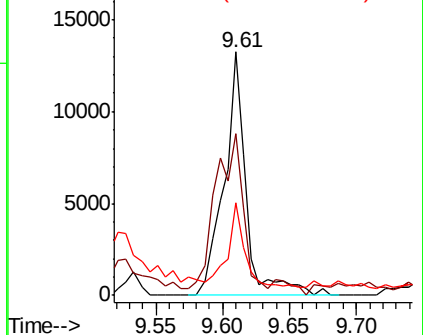
89 38.0 46.6 69.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57

2,4-Dinitrotoluene

Concen: 5.847 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.19 min

Lab File: BF114207.D

Acq: 12 May 2019 21:42

Tgt Ion:165 Resp: 60881

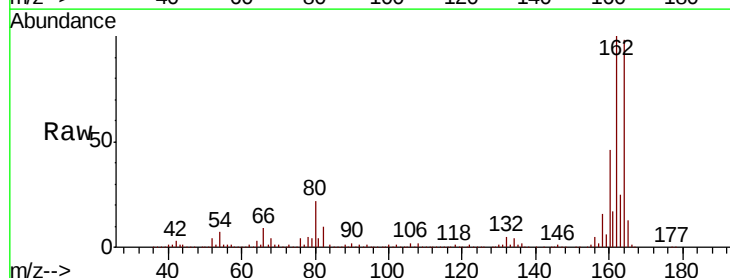
Ion Ratio Lower Upper

165 100

63 1.7 35.5 53.3#

89 1.7 55.2 82.8#

182 0.0 2.2 3.2#

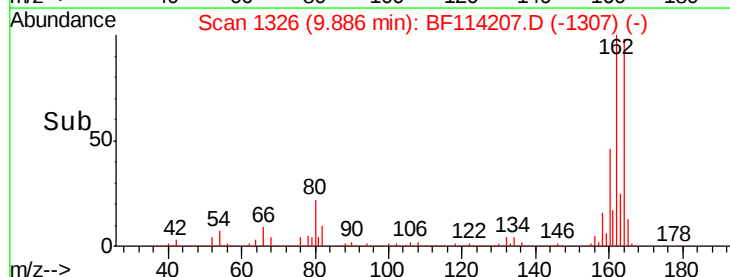
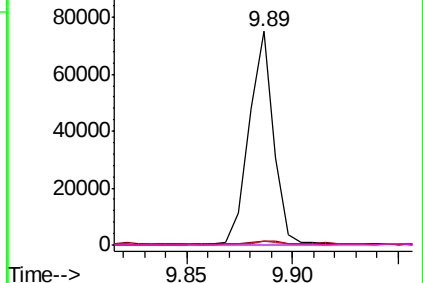


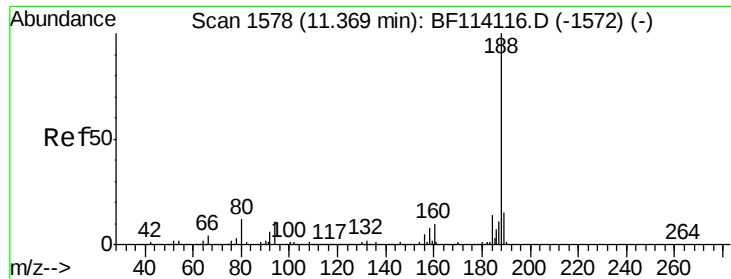
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF114207.D

Acq: 12 May 2019 21:42

Instrument :

BNA_F

ClientSampleId :

P026-SS011-0206-01

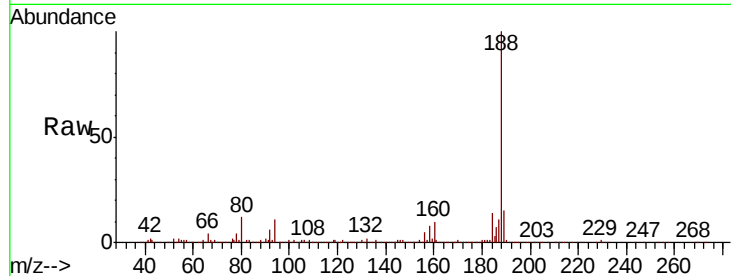
Tgt Ion:188 Resp: 829278

Ion Ratio Lower Upper

188 100

94 11.4 8.4 12.6

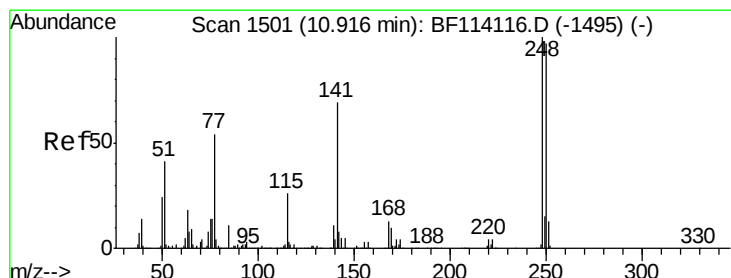
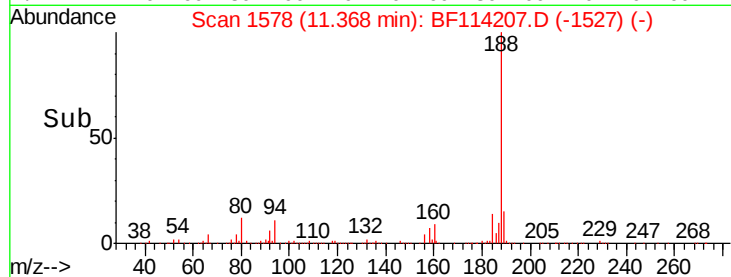
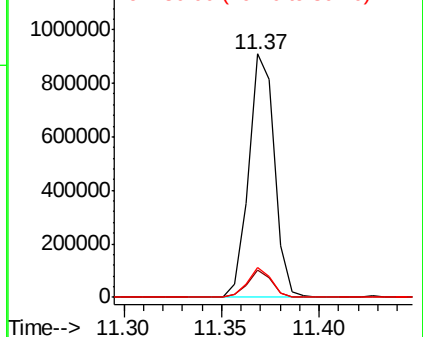
80 12.3 9.2 13.8



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



#67

4-Bromophenyl-phenylether

Concen: 2.628 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.24 min

Lab File: BF114207.D

Acq: 12 May 2019 21:42

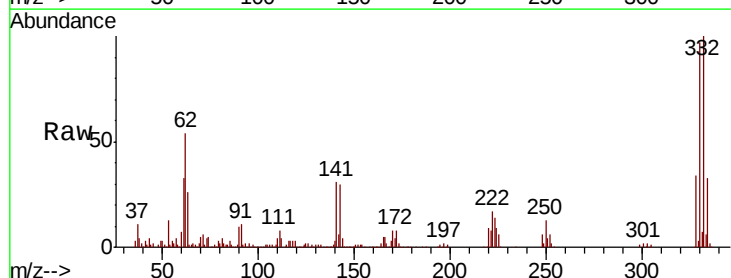
Tgt Ion:248 Resp: 23995

Ion Ratio Lower Upper

248 100

250 200.5 77.4 116.2#

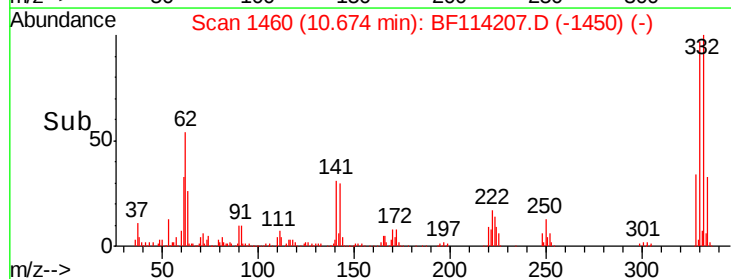
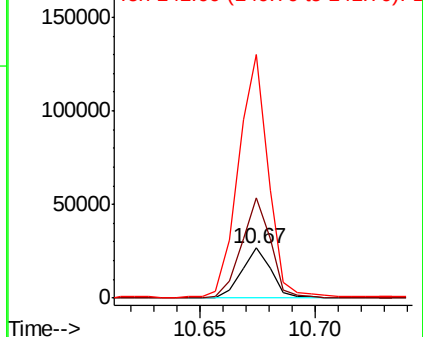
141 488.5 55.6 83.4#

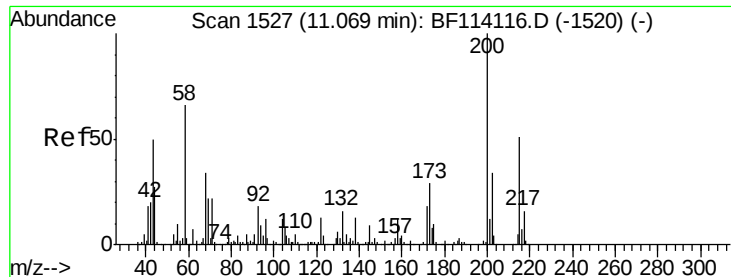


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

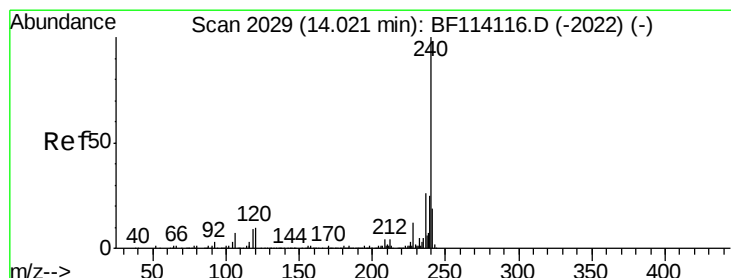
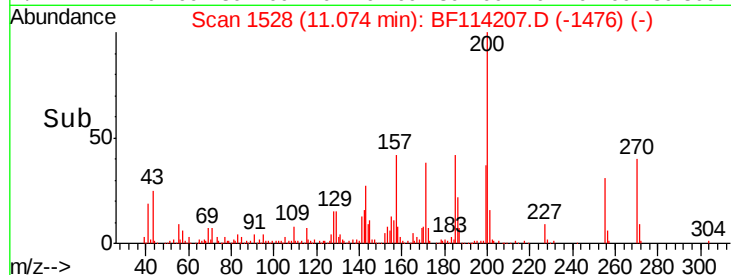
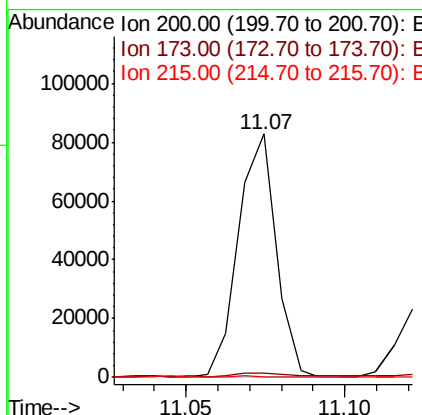
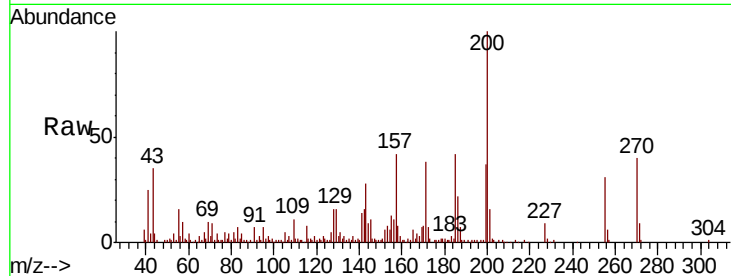




#69
Atrazine
Concen: 8.751 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF114207.D
Acq: 12 May 2019 21:42

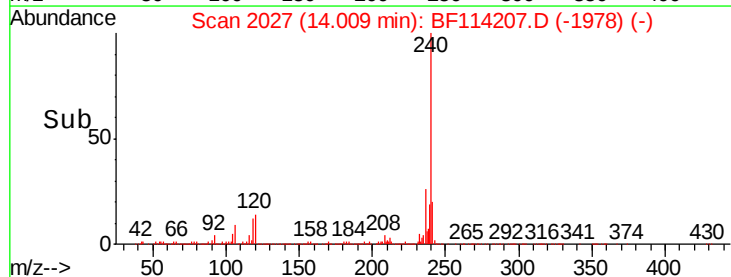
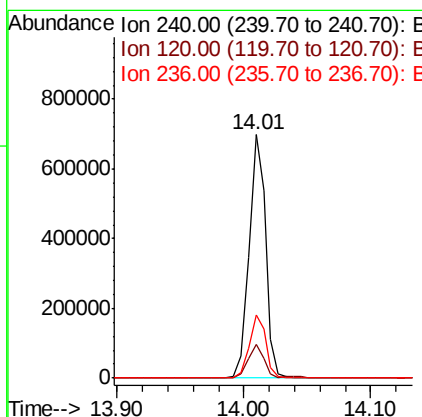
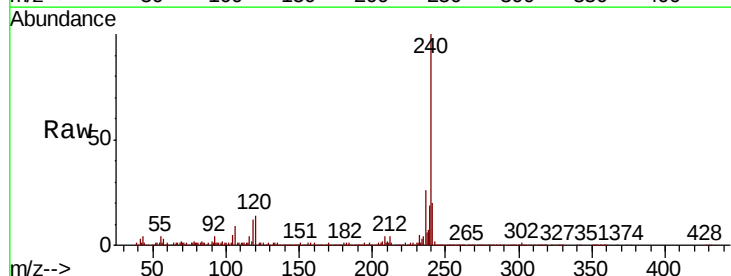
Instrument :
BNA_F
ClientSampleId :
P026-SS011-0206-01

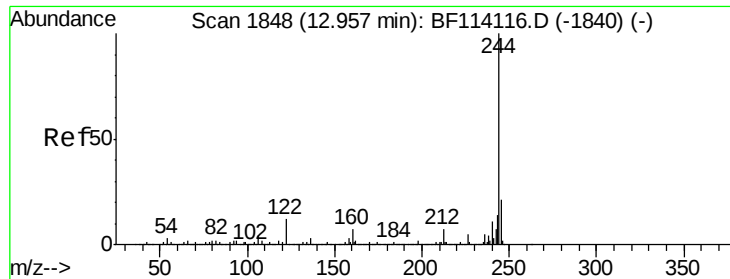
Tgt Ion:200 Resp: 68543
Ion Ratio Lower Upper
200 100
173 1.9 8.9 48.9#
215 0.0 30.7 70.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114207.D
Acq: 12 May 2019 21:42

Tgt Ion:240 Resp: 628289
Ion Ratio Lower Upper
240 100
120 13.9 8.3 12.5#
236 26.1 20.8 31.2





#79

Terphenyl-d14

Concen: 47.045 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114207.D

Acq: 12 May 2019 21:42

Instrument :

BNA_F

ClientSampleId :

P026-SS011-0206-01

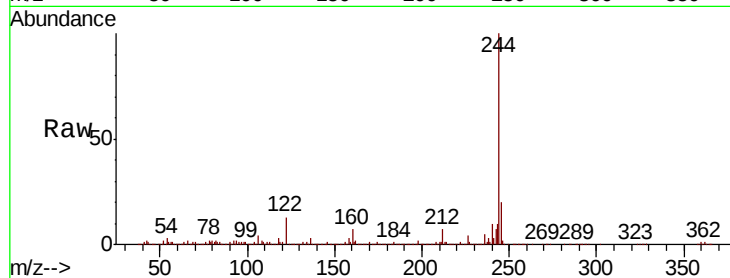
Tgt Ion:244 Resp: 1433840

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

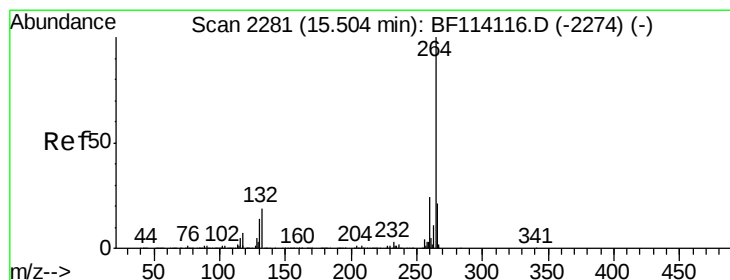
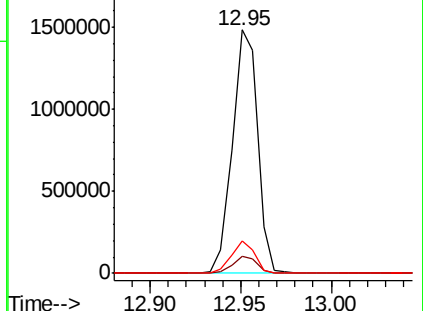
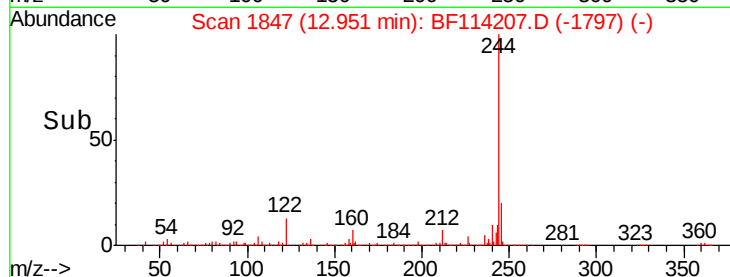
122 13.3 9.4 14.2



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: 15.49 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BF114207.D

Acq: 12 May 2019 21:42

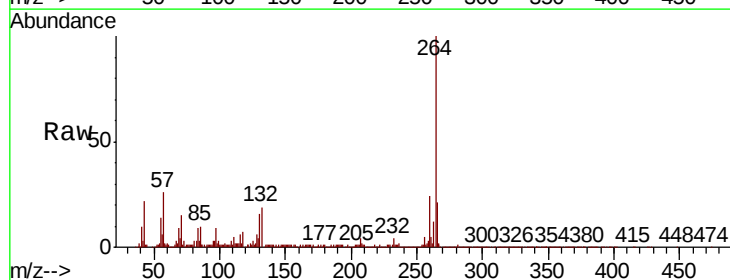
Tgt Ion:264 Resp: 567102

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

265 21.0 16.9 25.3



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

