

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
 Data File : BF114156.D
 Acq On : 11 May 2019 14:54
 Operator : JU/SJ
 Sample : K2763-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS006-0206-01

Quant Time: May 12 05:52:27 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	304560	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1128782	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	573271	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1121970	20.00	ng	0.00
76) Chrysene-d12	14.00	240	635488	20.00	ng	-0.02
87) Perylene-d12	15.47	264	678084	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	2215294	117.05	ng	0.00
7) Phenol-d6	6.49	99	2955010	132.02	ng	0.00
23) Nitrobenzene-d5	7.41	82	1893210	94.13	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	710486	119.88	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2797482	73.82	ng	0.00
79) Terphenyl-d14	12.95	244	2400887	77.88	ng	0.00

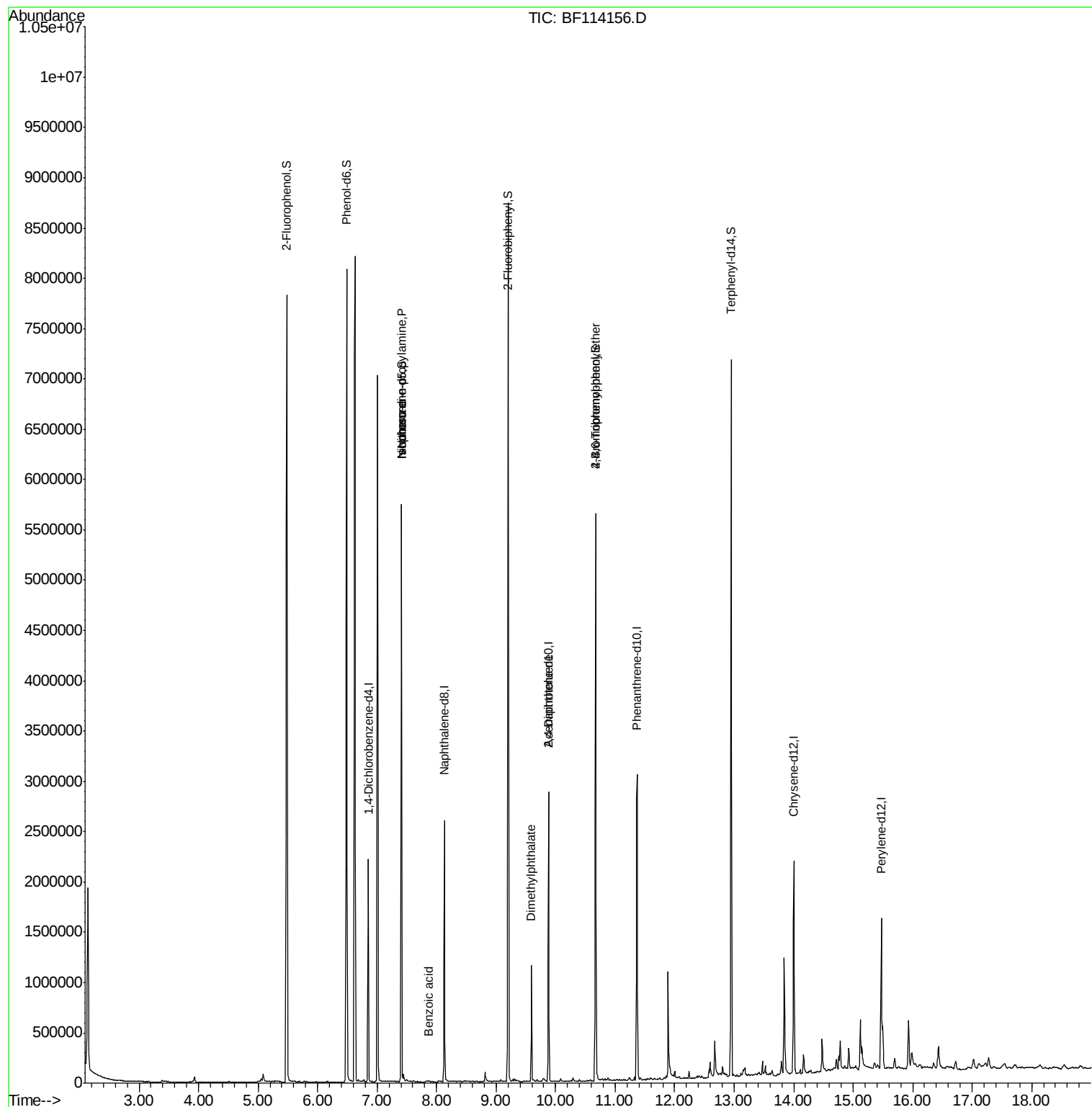
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	251631	17.736	ng	# 75
25) Isophorone	7.41	82	1893506	50.760	ng	# 64
32) Benzoic acid	7.85	122	473	7.057	ng	# 79
50) Dimethylphthalate	9.59	163	405003	9.624	ng	# 99
57) 2,4-Dinitrotoluene	9.88	165	75192	5.935	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	47247	3.825	ng	# 1

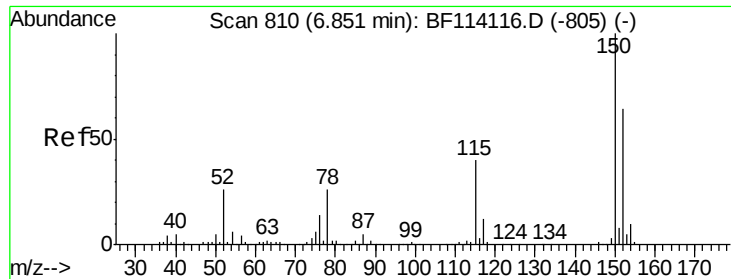
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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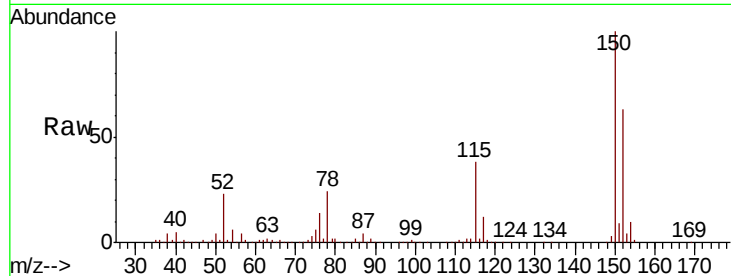


#1

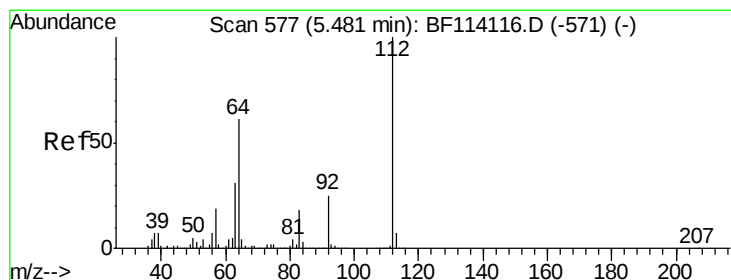
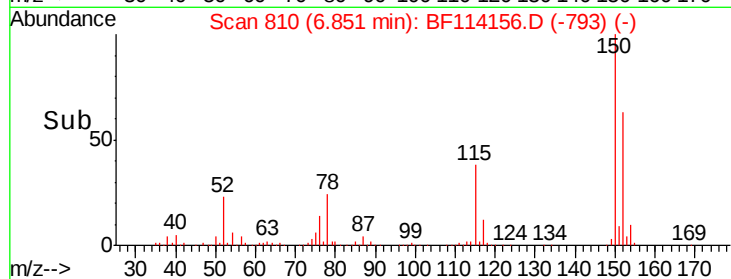
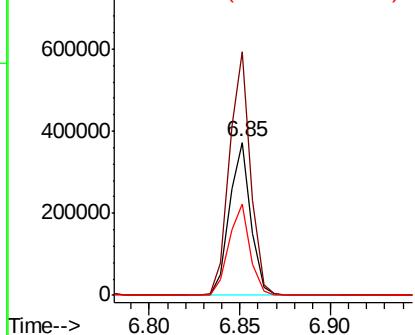
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114156.D
Acq: 11 May 2019 14:54

Instrument :
BNA_F
ClientSampleId :
P021-SS006-0206-01

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.3	186.5
115	59.9	49.1	73.7



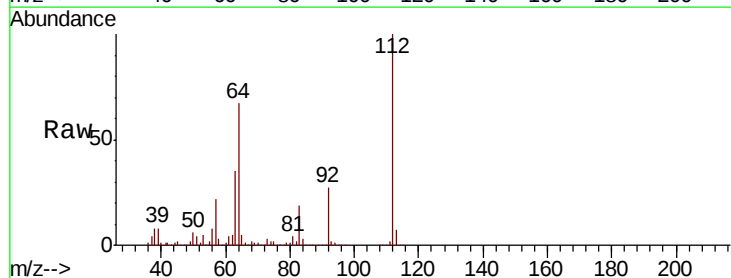
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



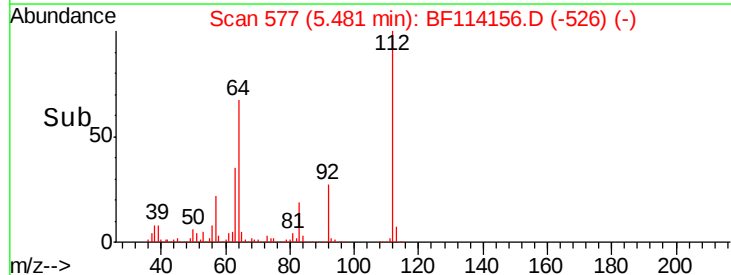
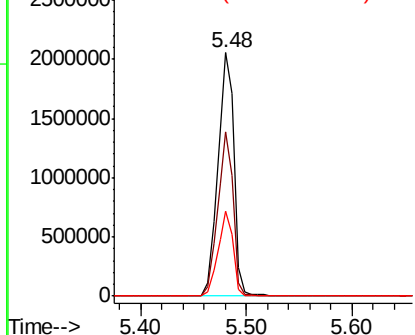
#5

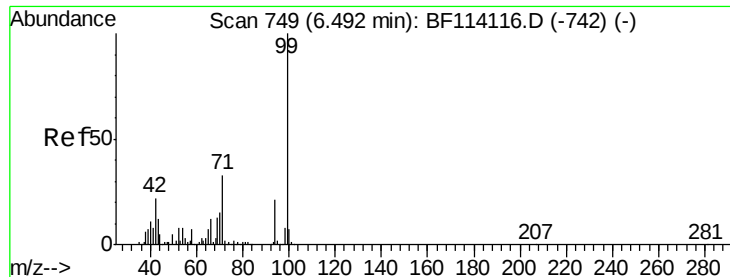
2-Fluorophenol
Concen: 117.054 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114156.D
Acq: 11 May 2019 14:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	49.0	73.6
63	34.9	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: 132.016 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114156.D

Acq: 11 May 2019 14:54

Instrument :

BNA_F

ClientSampleId :

P021-SS006-0206-01

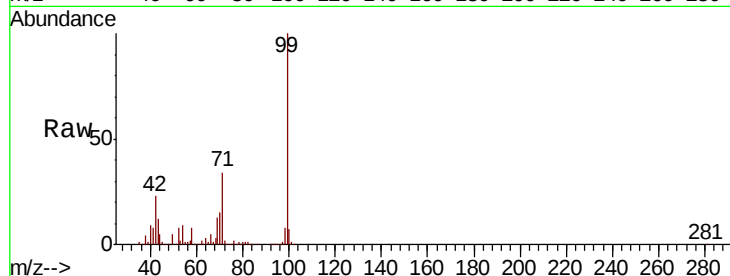
Tgt Ion: 99 Resp: 2955010

Ion Ratio Lower Upper

99 100

42 22.7 17.9 26.9

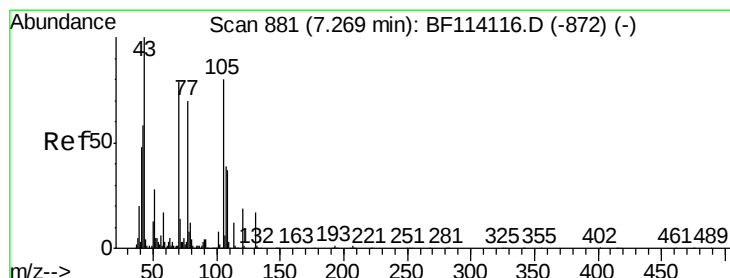
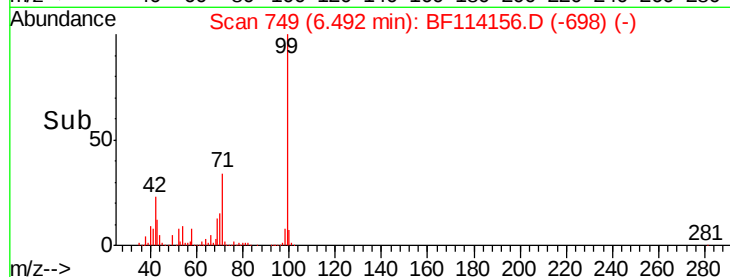
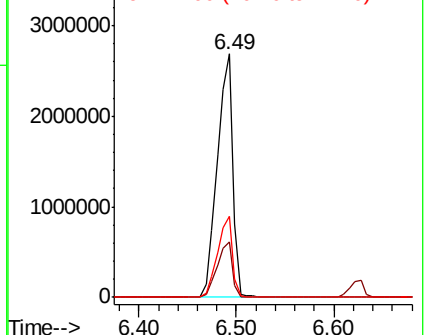
71 33.5 26.2 39.2



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: 17.736 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114156.D

Acq: 11 May 2019 14:54

Tgt Ion: 70 Resp: 251631

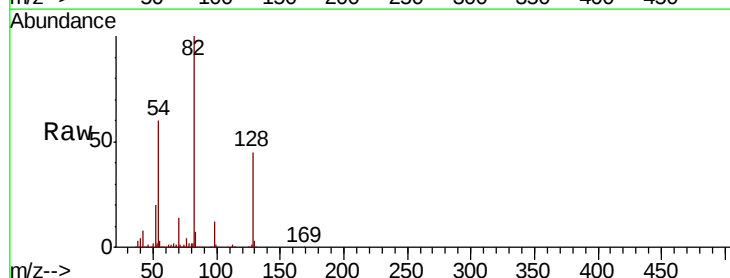
Ion Ratio Lower Upper

70 100

42 56.7 58.6 87.8#

101 0.0 7.8 11.8#

130 2.1 17.1 25.7#

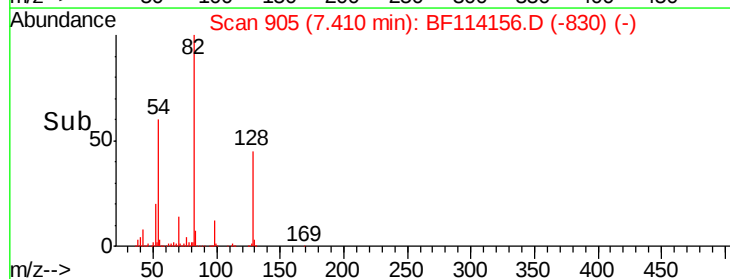
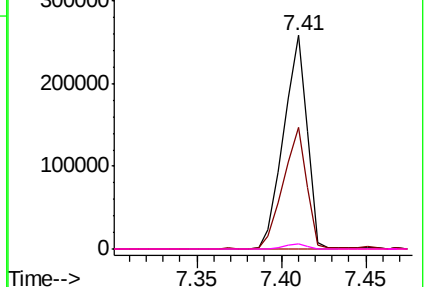


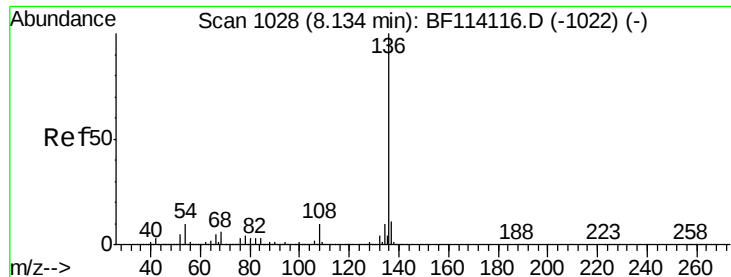
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

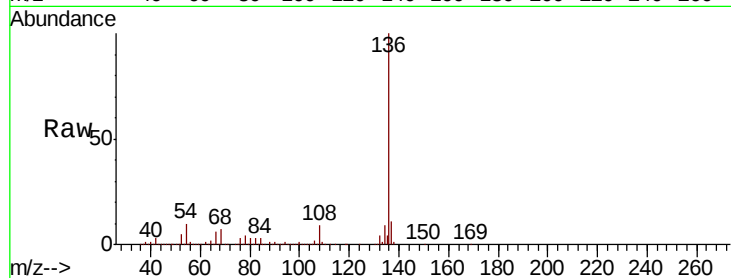




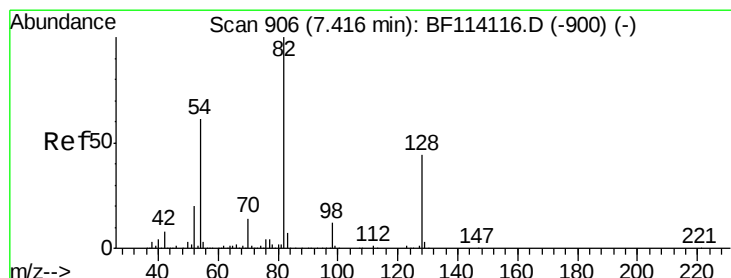
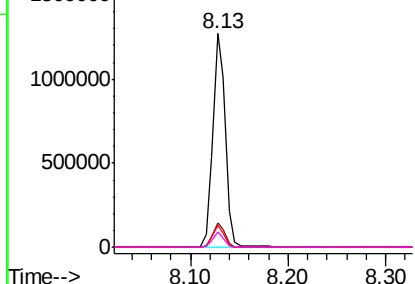
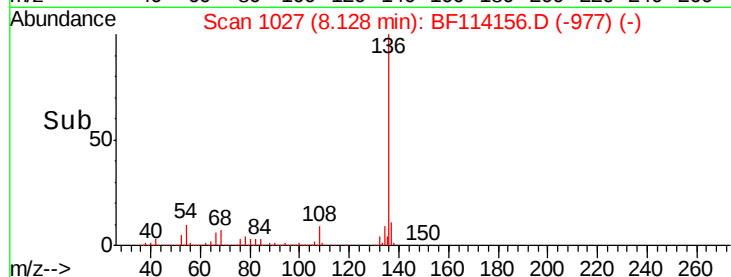
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114156.D
Acq: 11 May 2019 14:54

Instrument :
BNA_F
ClientSampleId :
P021-SS006-0206-01

Tgt Ion:	136	Resp:	1128782
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.0	7.8	11.8
68	7.1	5.1	7.7

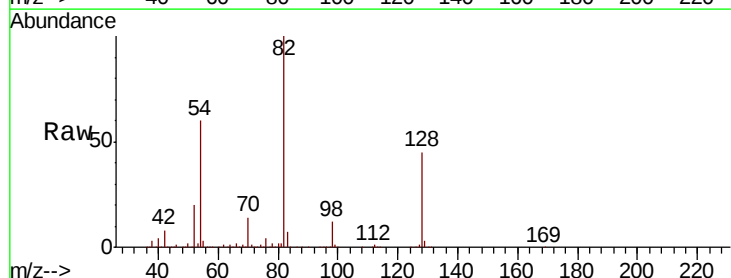


Abundance Ion 136.00 (135.70 to 136.70): E
2000000 Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

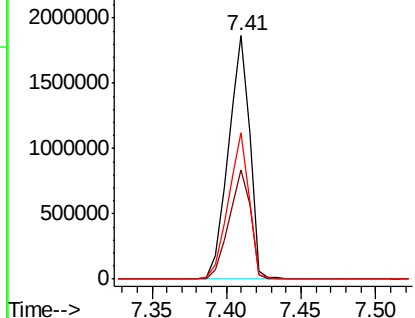
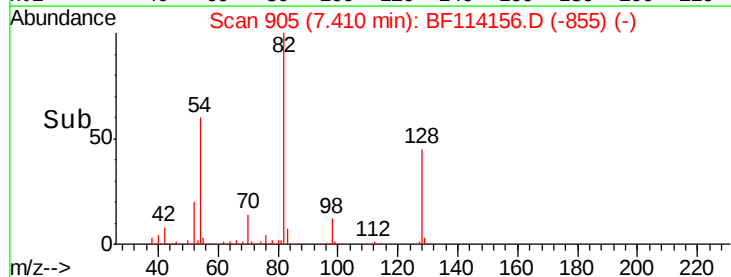


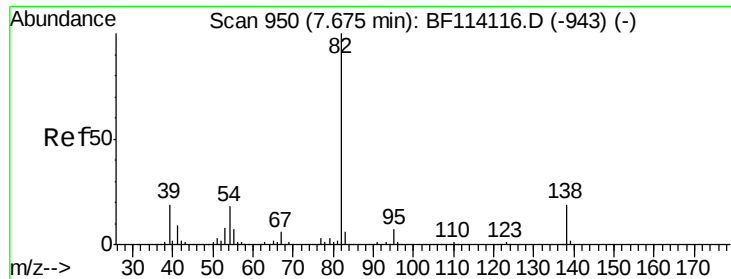
#23
Nitrobenzene-d5
Concen: 94.125 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114156.D
Acq: 11 May 2019 14:54

Tgt Ion:	82	Resp:	1893210
Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.5	53.3
54	60.1	48.5	72.7



Abundance Ion 82.00 (81.70 to 82.70): BF1
2500000 Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

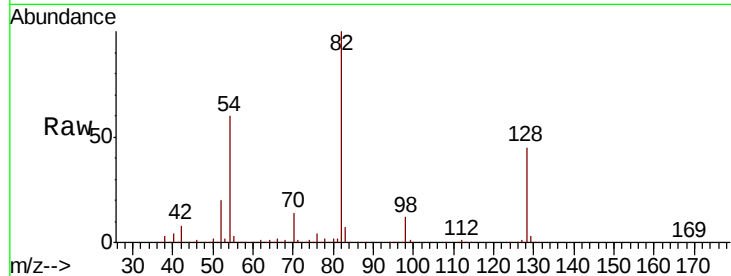




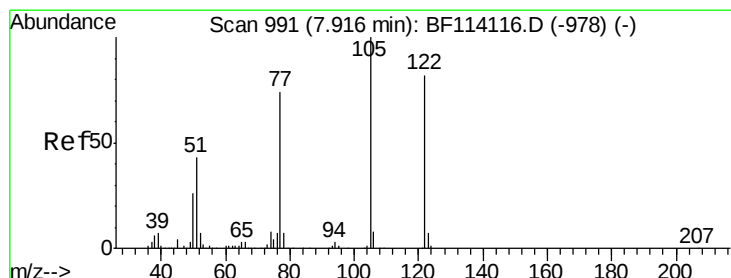
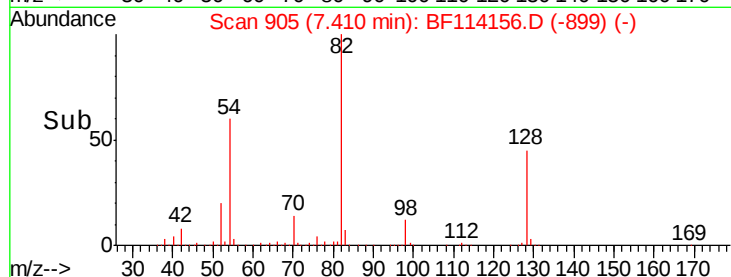
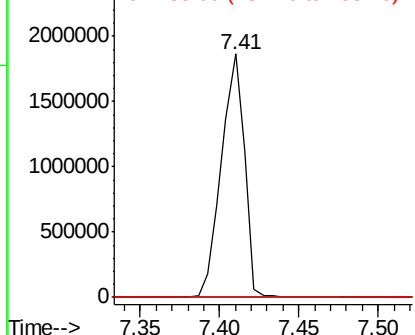
#25
Isophorone
Concen: 50.760 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF114156.D
Acq: 11 May 2019 14:54

Instrument :
BNA_F
ClientSampleId :
P021-SS006-0206-01

Tgt Ion: 82 Resp: 1893506
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.8 22.2#

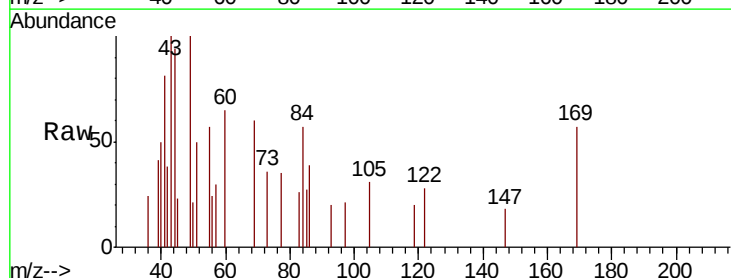


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

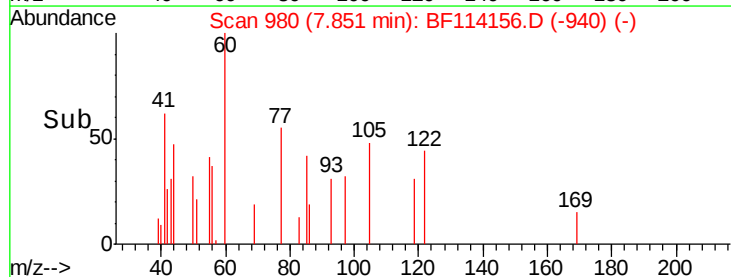
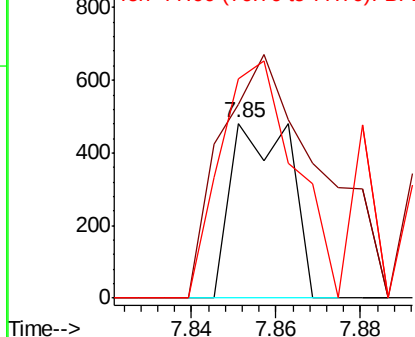


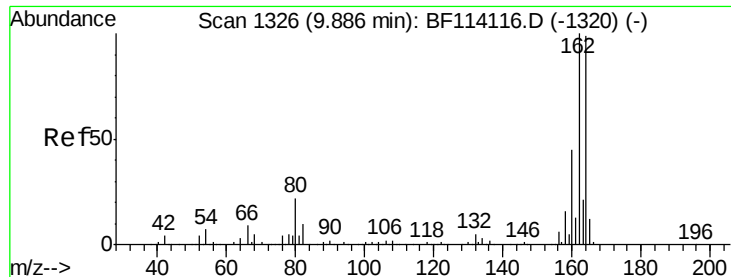
#32
Benzoic acid
Concen: 7.057 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.06 min
Lab File: BF114156.D
Acq: 11 May 2019 14:54

Tgt Ion: 122 Resp: 473
Ion Ratio Lower Upper
122 100
105 110.8 99.9 139.9
77 125.5 69.4 109.4#



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

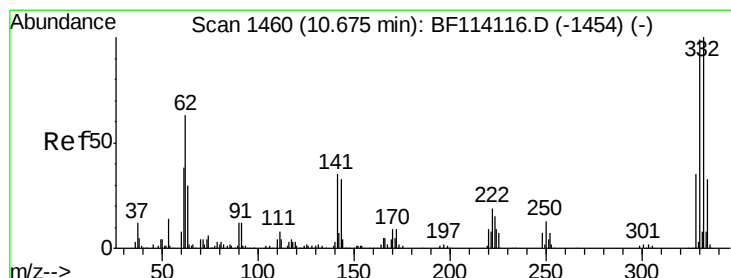
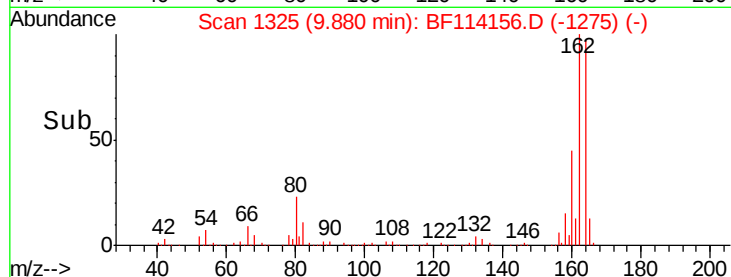
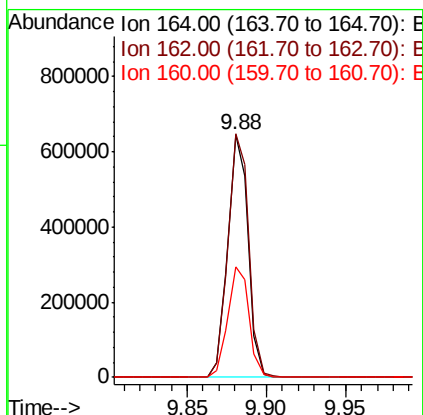
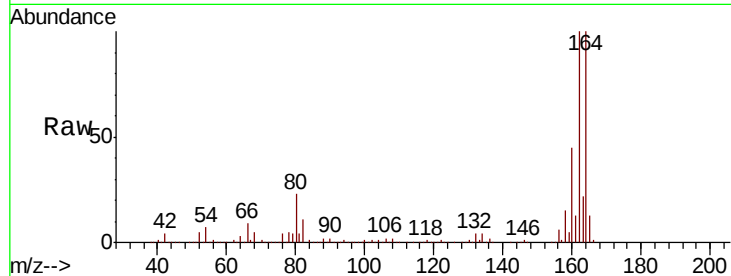




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF114156.D
Acq: 11 May 2019 14:54

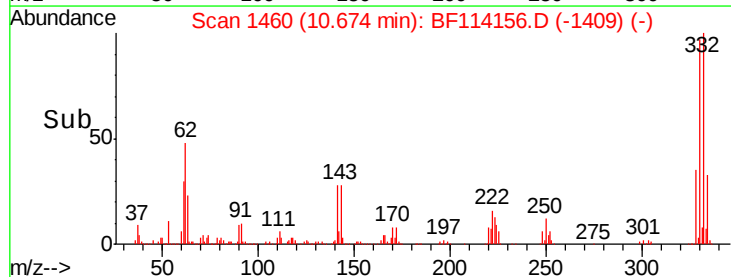
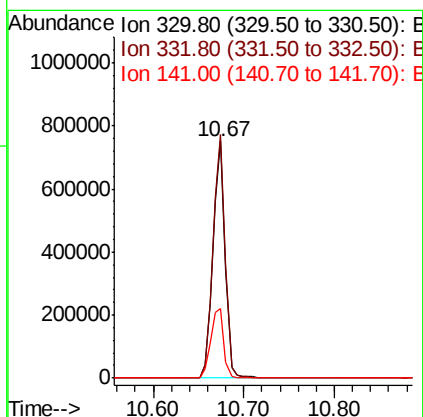
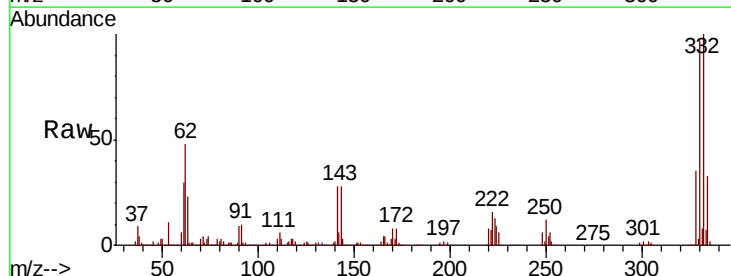
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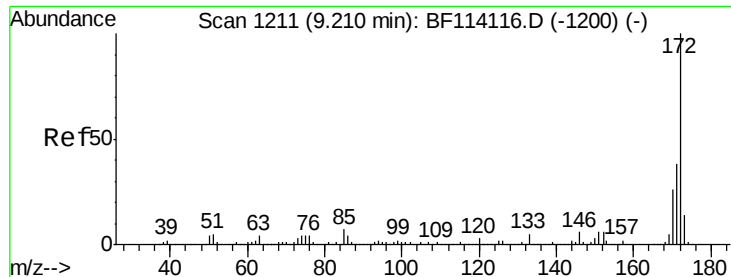
Tgt Ion:164 Resp: 573271
Ion Ratio Lower Upper
164 100
162 100.3 80.6 120.8
160 45.3 36.5 54.7



#42
2,4,6-Tribromophenol
Concen: 119.880 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF114156.D
Acq: 11 May 2019 14:54

Tgt Ion:330 Resp: 710486
Ion Ratio Lower Upper
330 100
332 102.6 81.4 122.2
141 31.9 26.6 40.0

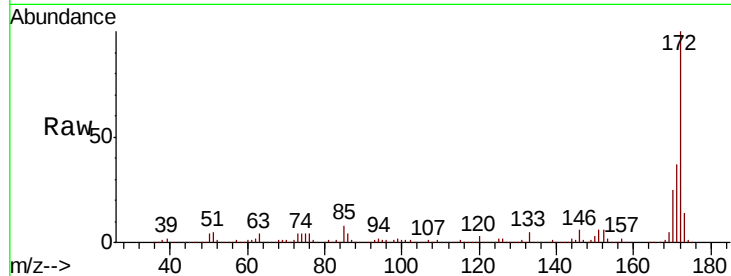




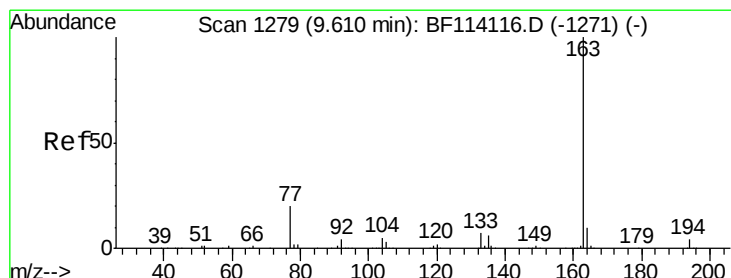
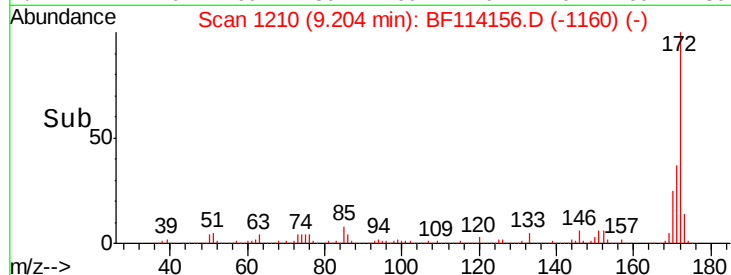
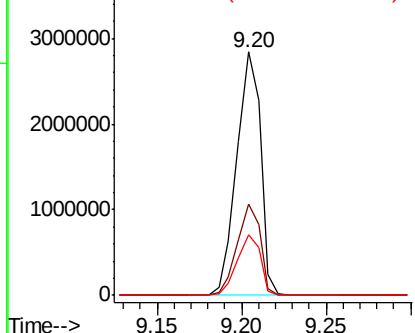
#45
 2-Fluorobiphenyl
 Concen: 73.816 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114156.D
 Acq: 11 May 2019 14:54

Instrument :
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 P021-SS006-0206-01

Tgt Ion:172 Resp: 2797482
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.7 46.1
 170 25.1 20.5 30.7

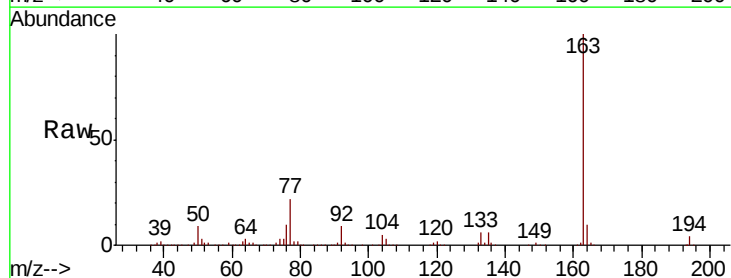


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

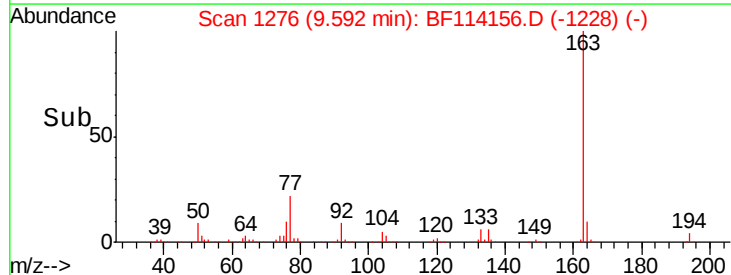
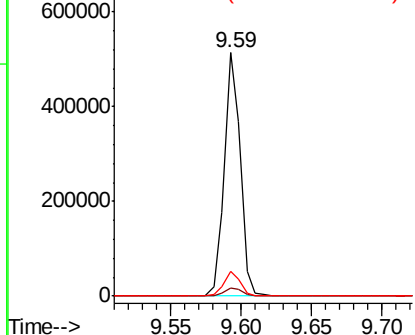


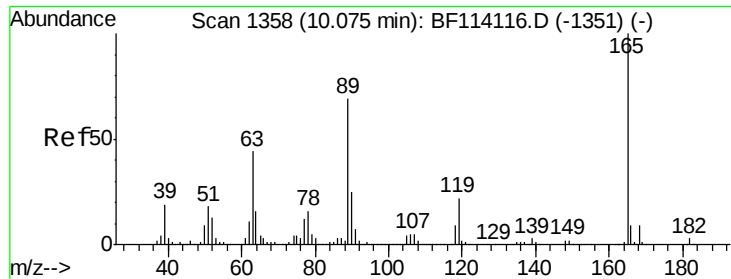
#50
 Dimethylphthalate
 Concen: 9.624 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF114156.D
 Acq: 11 May 2019 14:54

Tgt Ion:163 Resp: 405003
 Ion Ratio Lower Upper
 163 100
 194 3.5 3.4 5.0
 164 10.1 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

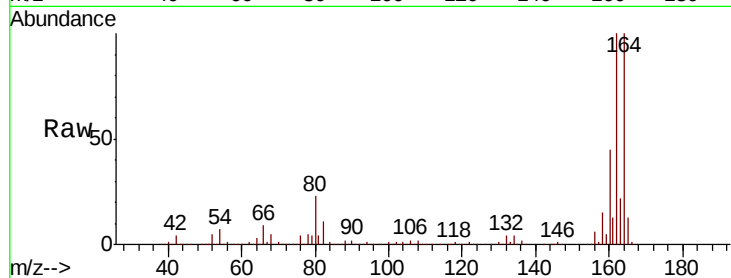




#57
2,4-Dinitrotoluene
Concen: 5.935 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF114156.D
Acq: 11 May 2019 14:54

Instrument :
BNA_F
ClientSampleId :
P021-SS006-0206-01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.5	53.3#
89	1.4	55.2	82.8#
182	0.0	2.2	3.2#

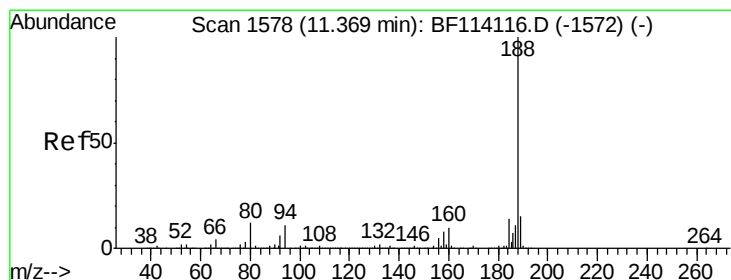
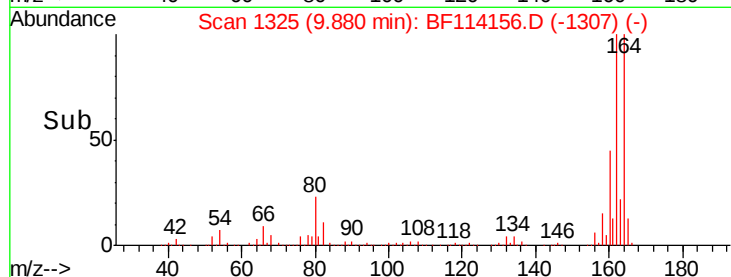
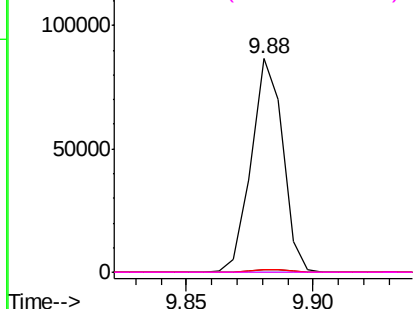


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

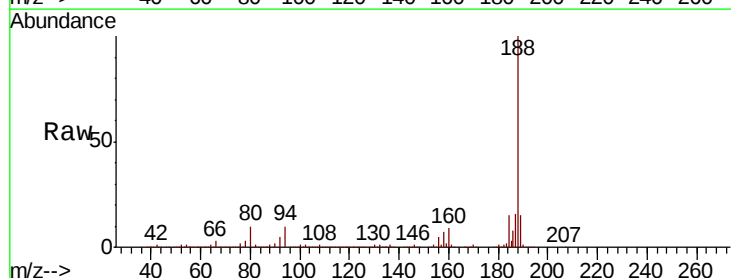
Ion 89.00 (88.70 to 89.70): BF1

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: BF114156.D
Acq: 11 May 2019 14:54

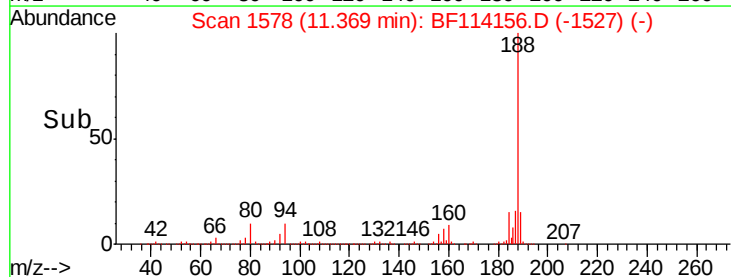
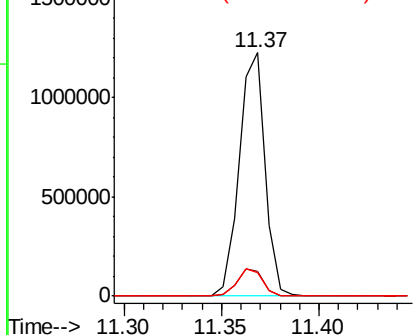
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.4	12.6
80	9.9	9.2	13.8

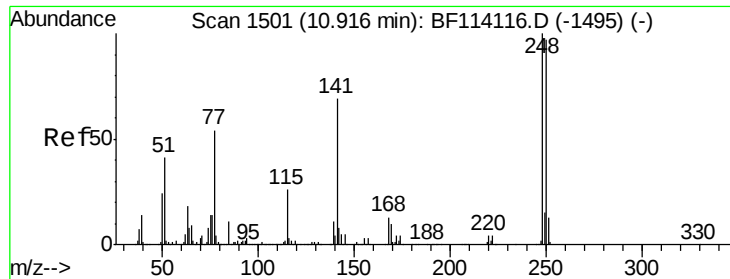


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

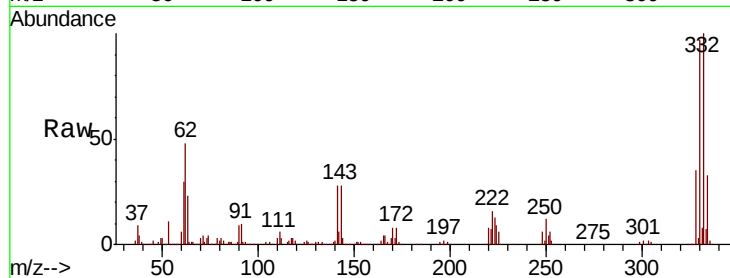




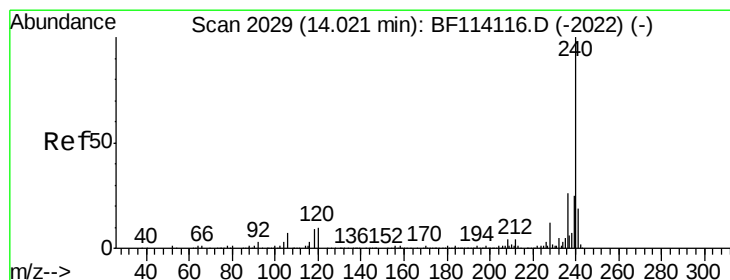
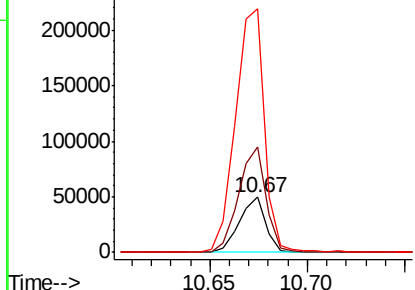
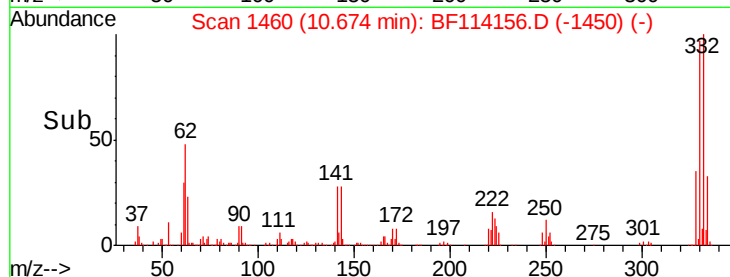
#67
4-Bromophenyl-phenylether
Concen: 3.825 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF114156.D
Acq: 11 May 2019 14:54

Instrument :
BNA_F
ClientSampleId :
P021-SS006-0206-01

Tgt Ion:248 Resp: 47247
Ion Ratio Lower Upper
248 100
250 191.3 77.4 116.2#
141 440.2 55.6 83.4#

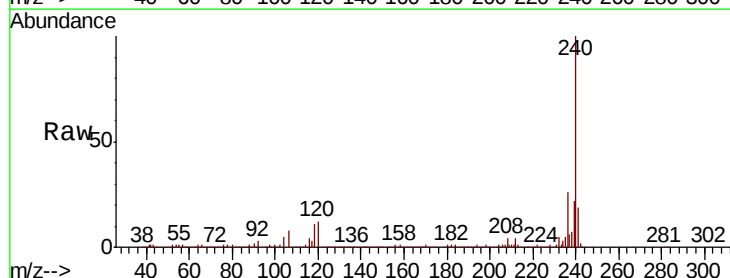


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

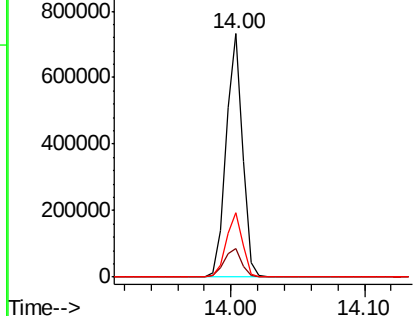
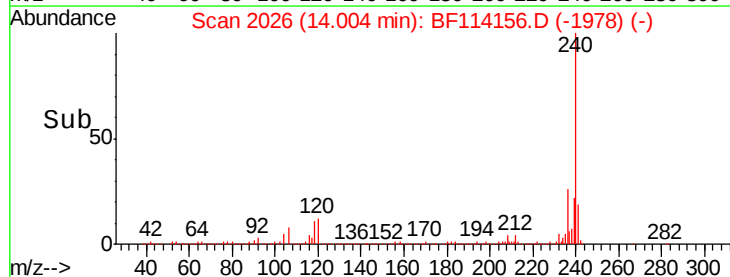


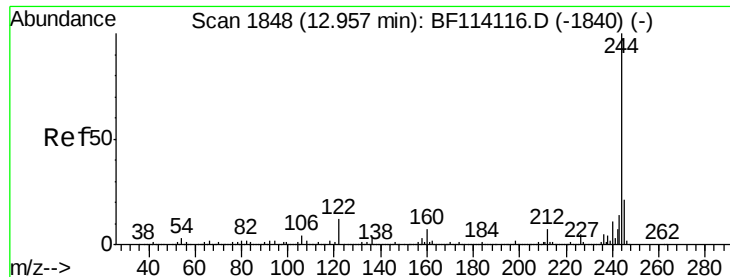
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF114156.D
Acq: 11 May 2019 14:54

Tgt Ion:240 Resp: 635488
Ion Ratio Lower Upper
240 100
120 11.8 8.3 12.5
236 26.5 20.8 31.2



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: 77.881 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114156.D

Acq: 11 May 2019 14:54

Instrument :

BNA_F

ClientSampleId :

P021-SS006-0206-01

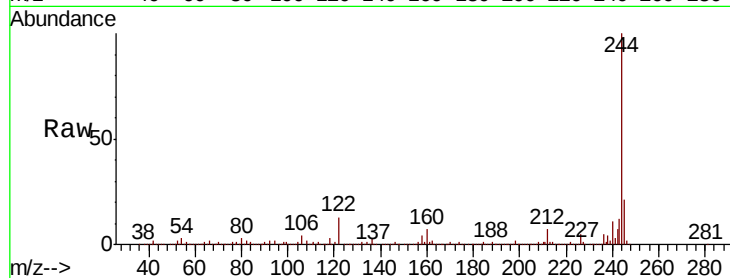
Tgt Ion:244 Resp: 2400887

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

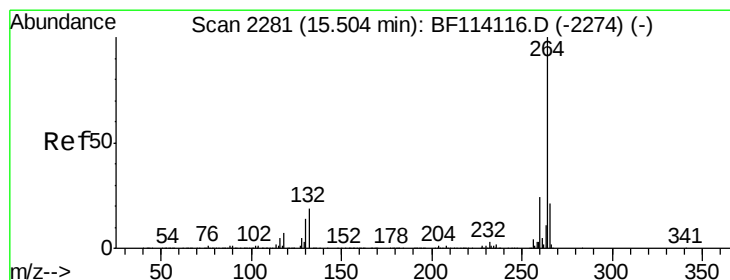
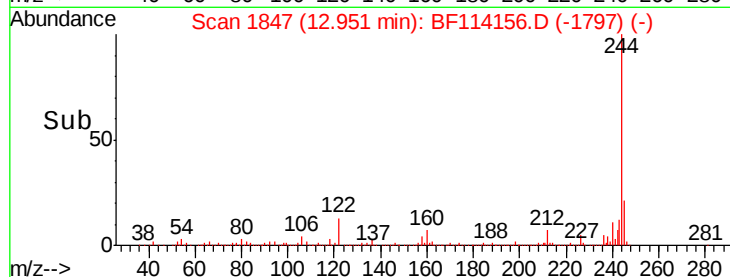
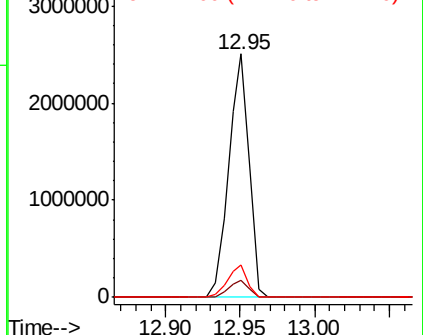
122 13.1 9.4 14.2



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: 15.47 min Scan# 2276

Delta R.T. -0.03 min

Lab File: BF114156.D

Acq: 11 May 2019 14:54

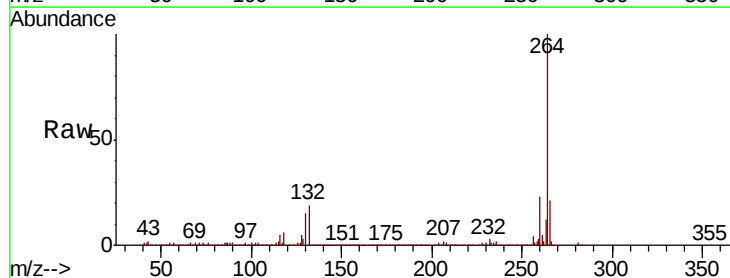
Tgt Ion:264 Resp: 678084

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.0

265 21.4 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

