

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
 Data File : BF114154.D
 Acq On : 11 May 2019 14:02
 Operator : JU/SJ
 Sample : K2763-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS005-0002-01

Quant Time: May 12 05:52:04 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

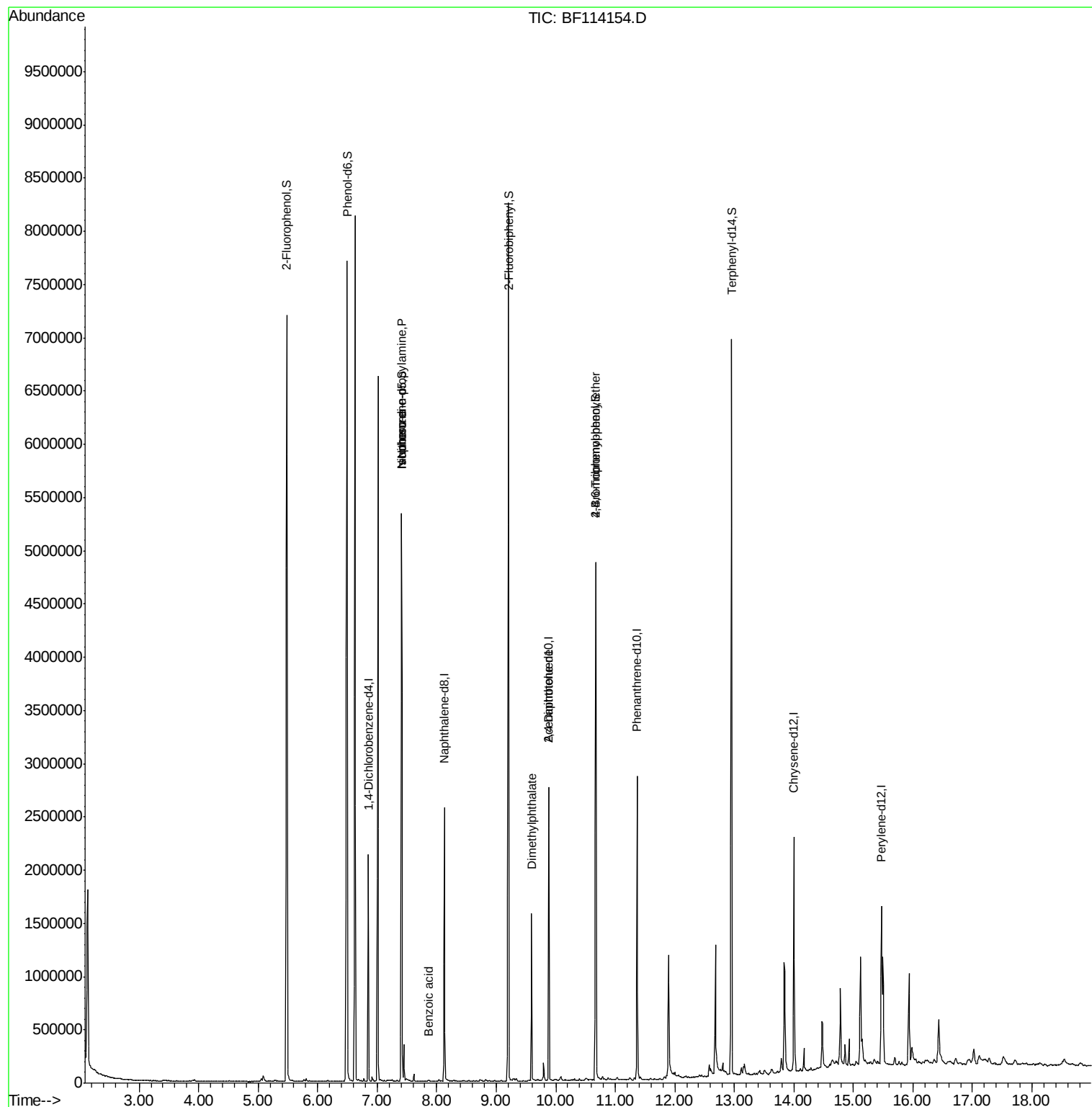
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	296064	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1128247	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	533161	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1053224	20.00	ng	0.00
76) Chrysene-d12	14.00	240	673857	20.00	ng	-0.02
87) Perylene-d12	15.47	264	683164	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	2059195	111.93	ng	0.00
7) Phenol-d6	6.49	99	2803503	128.84	ng	0.00
23) Nitrobenzene-d5	7.41	82	1735166	86.31	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	624906	113.37	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2440994	69.26	ng	0.00
79) Terphenyl-d14	12.95	244	2303937	70.48	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	232876	16.885	ng	# 76
25) Isophorone	7.41	82	1733128	46.483	ng	# 64
32) Benzoic acid	7.85	122	1688	7.150	ng	90
50) Dimethylphthalate	9.59	163	568762	14.532	ng	99
57) 2,4-Dinitrotoluene	9.88	165	69337	5.885	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	41015	3.537	ng	# 1

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

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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

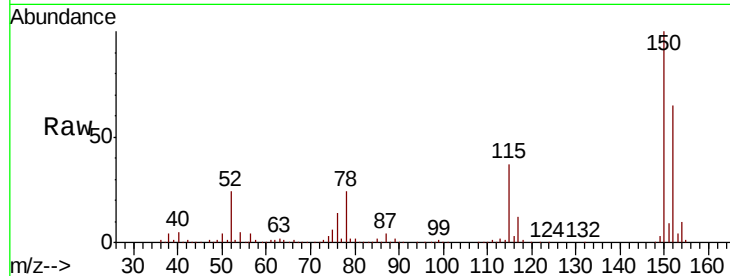




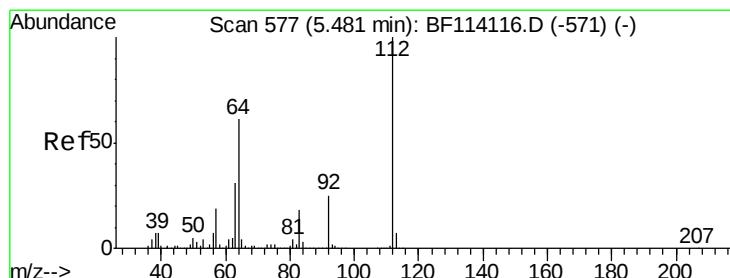
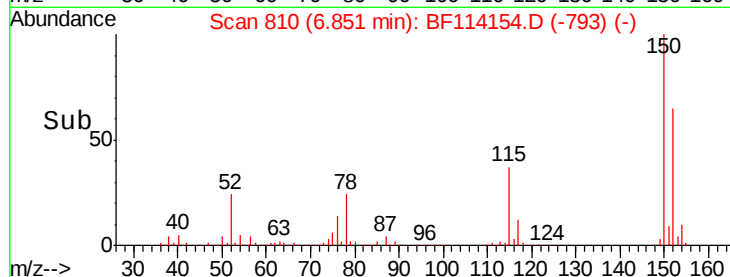
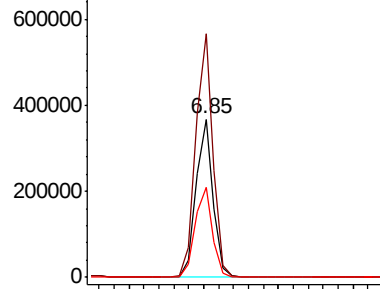
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF114154.D
 Acq: 11 May 2019 14:02

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS005-0002-01

Tgt Ion:152 Resp: 296064
 Ion Ratio Lower Upper
 152 100
 150 153.8 124.3 186.5
 115 56.9 49.1 73.7

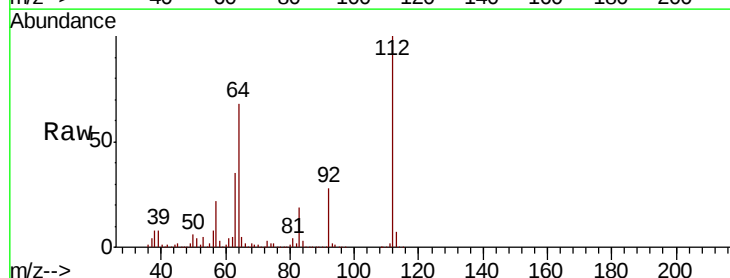


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

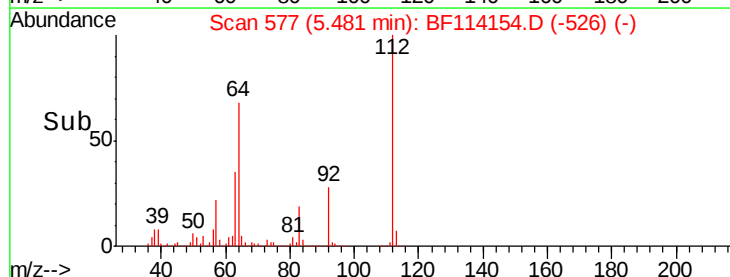
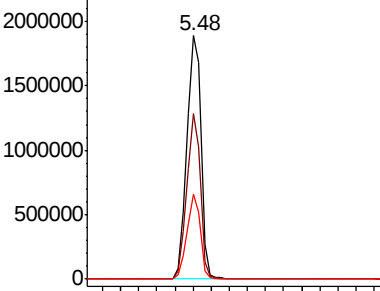


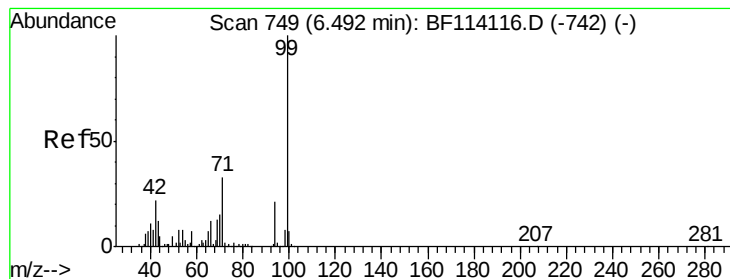
#5
 2-Fluorophenol
 Concen: 111.928 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF114154.D
 Acq: 11 May 2019 14:02

Tgt Ion:112 Resp: 2059195
 Ion Ratio Lower Upper
 112 100
 64 67.8 49.0 73.6
 63 34.8 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: 128.842 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF114154.D

Acq: 11 May 2019 14:02

Instrument :

BNA_F

ClientSampleId :

P021-SS005-0002-01

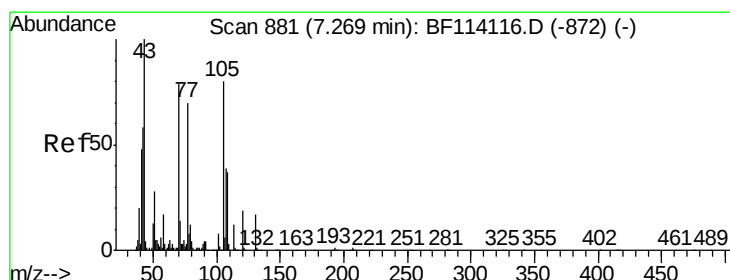
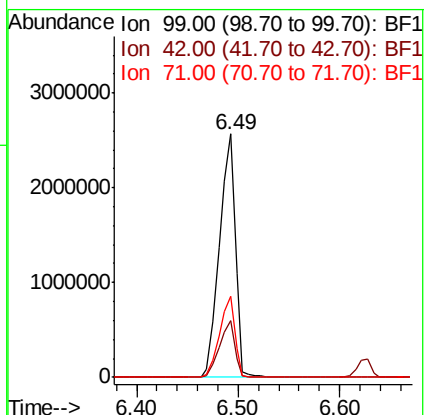
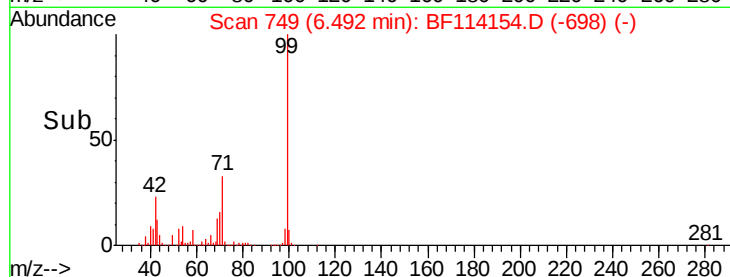
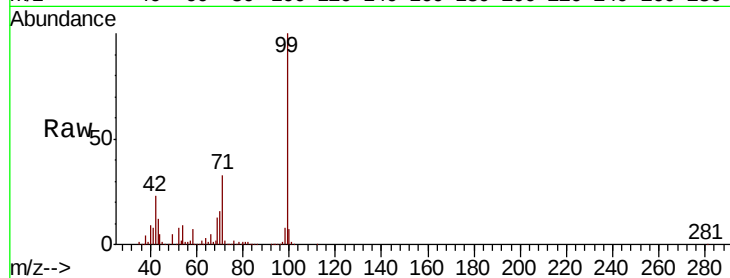
Tgt Ion: 99 Resp: 2803503

Ion Ratio Lower Upper

99 100

42 23.1 17.9 26.9

71 33.5 26.2 39.2



#19

n-Nitroso-di-n-propylamine

Concen: 16.885 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114154.D

Acq: 11 May 2019 14:02

Tgt Ion: 70 Resp: 232876

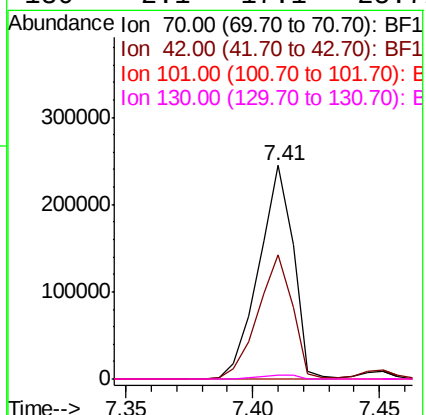
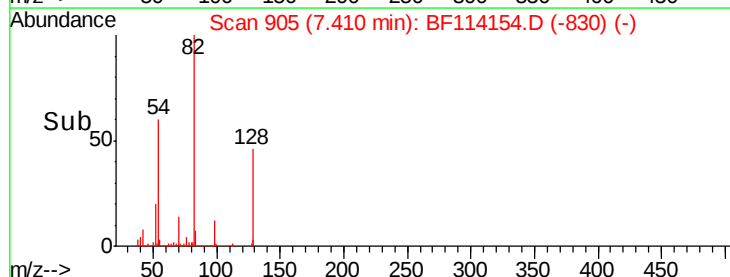
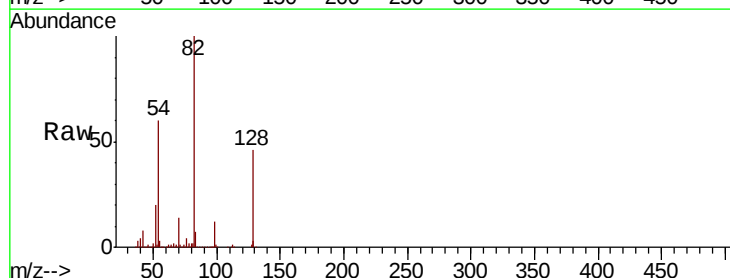
Ion Ratio Lower Upper

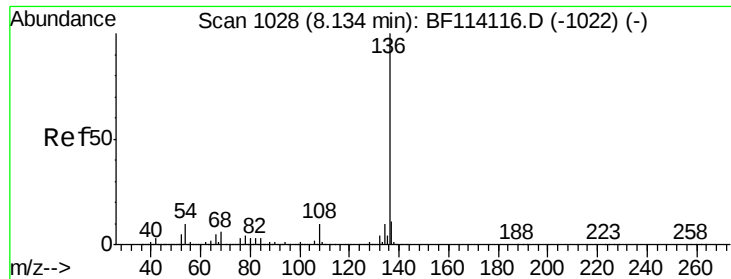
70 100

42 57.9 58.6 87.8#

101 0.0 7.8 11.8#

130 2.1 17.1 25.7#

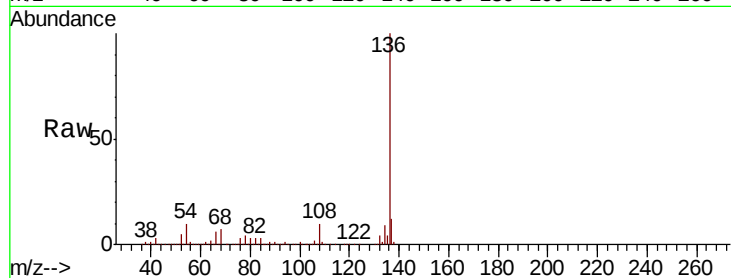




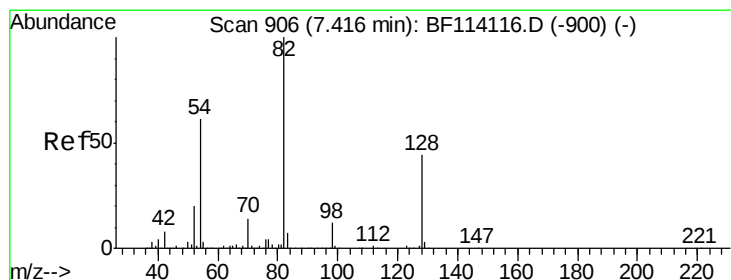
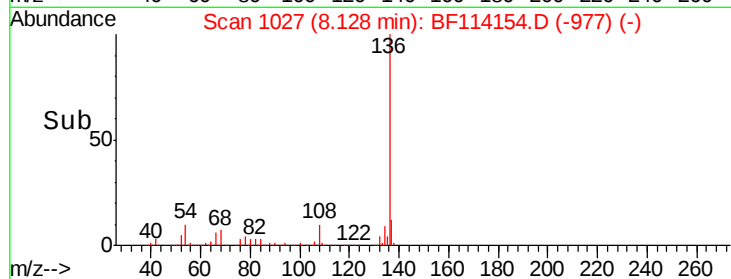
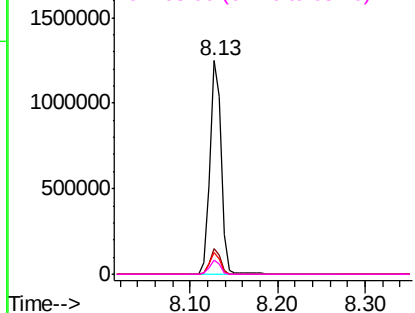
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114154.D
Acq: 11 May 2019 14:02

Instrument :
BNA_F
ClientSampleId :
P021-SS005-0002-01

Tgt Ion:	136	Resp:	1128247
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	10.1	7.8	11.8
68	6.8	5.1	7.7

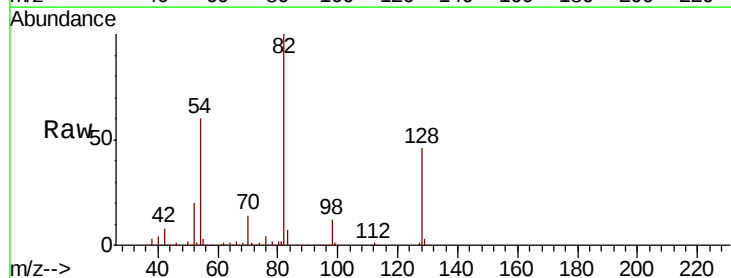


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

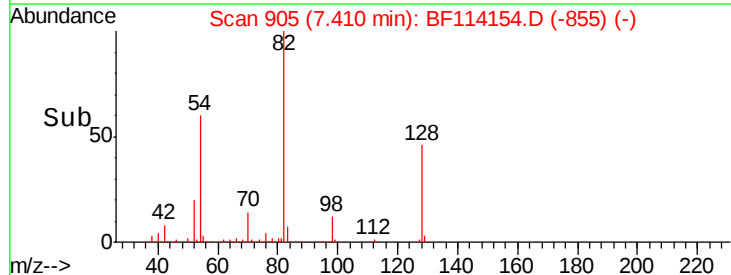
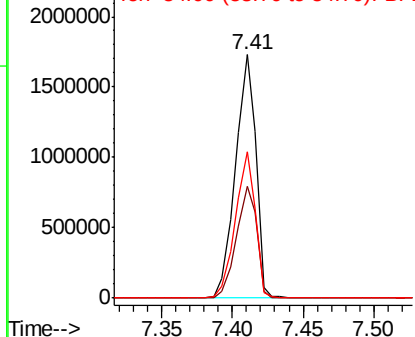


#23
Nitrobenzene-d5
Concen: 86.309 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114154.D
Acq: 11 May 2019 14:02

Tgt Ion:	82	Resp:	1735166
Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.5	53.3
54	60.2	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: 46.483 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114154.D

Acq: 11 May 2019 14:02

Instrument :

BNA_F

ClientSampleId :

P021-SS005-0002-01

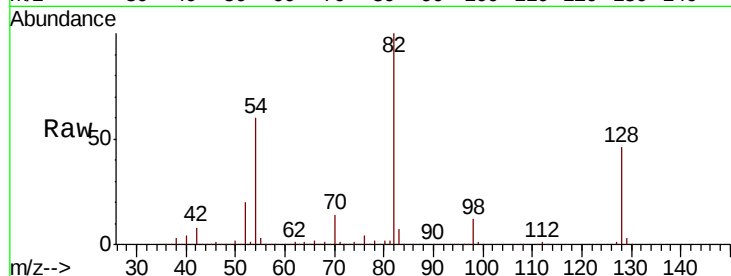
Tgt Ion: 82 Resp: 1733128

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

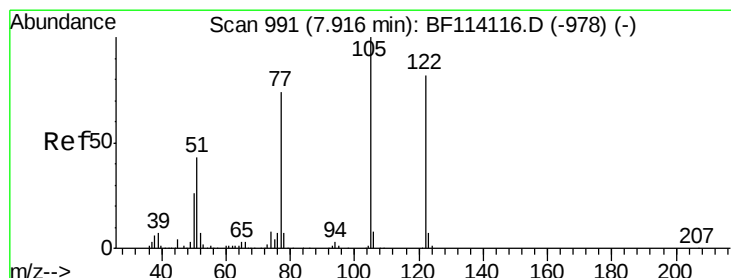
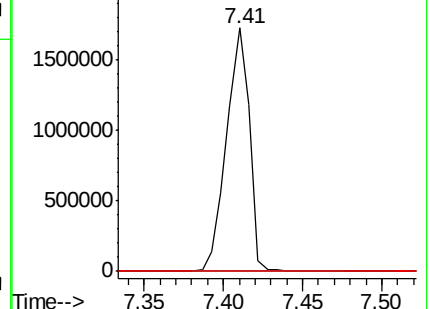
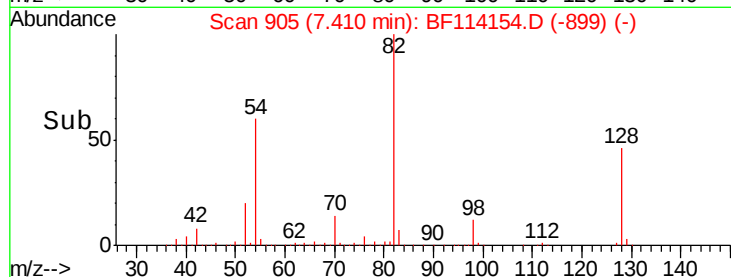
138 0.0 14.8 22.2#



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: 7.150 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.06 min

Lab File: BF114154.D

Acq: 11 May 2019 14:02

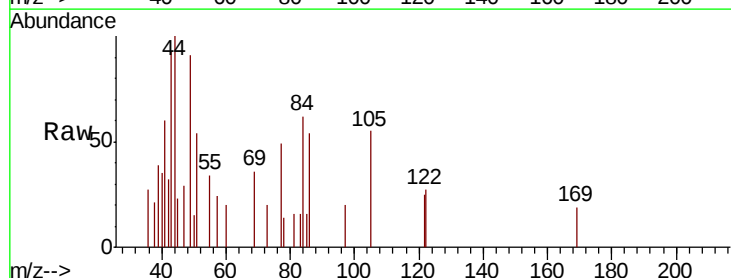
Tgt Ion: 122 Resp: 1688

Ion Ratio Lower Upper

122 100

105 105.8 99.9 139.9

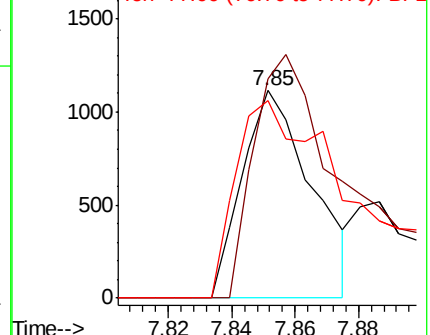
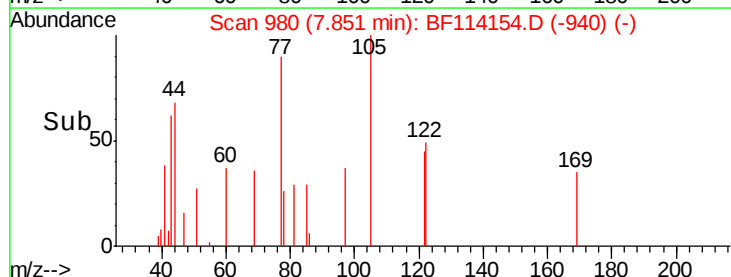
77 95.3 69.4 109.4

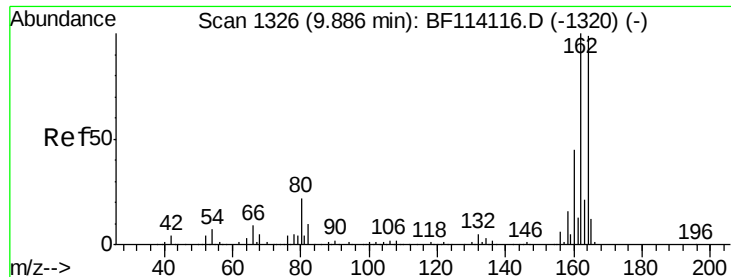


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

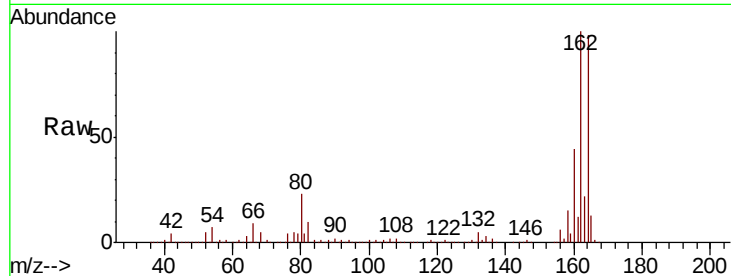




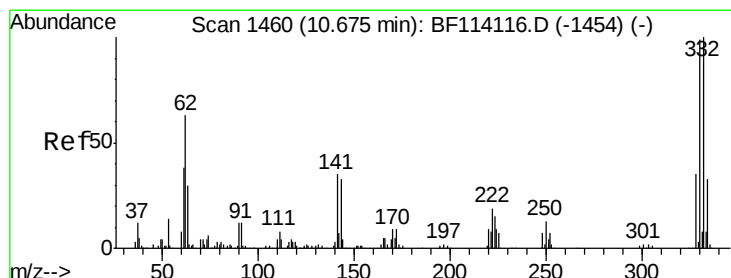
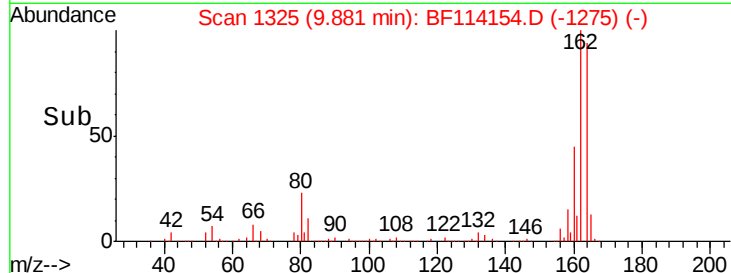
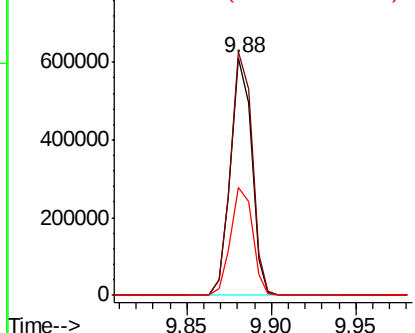
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF114154.D
Acq: 11 May 2019 14:02

Instrument :
BNA_F
ClientSampleId :
P021-SS005-0002-01

Tgt Ion:164 Resp: 533161
Ion Ratio Lower Upper
164 100
162 102.4 80.6 120.8
160 45.4 36.5 54.7

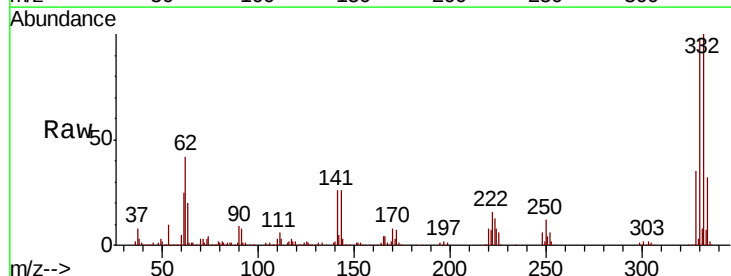


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

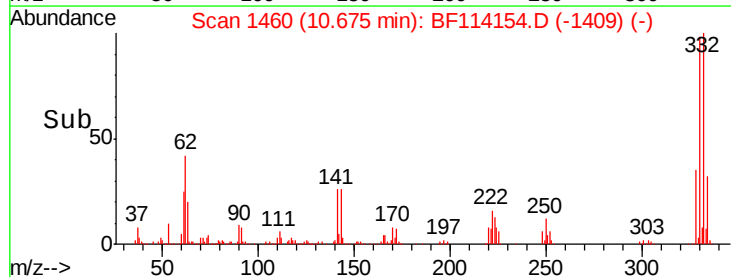
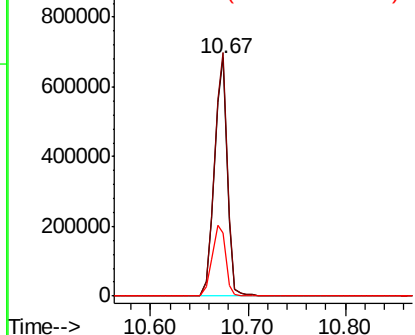


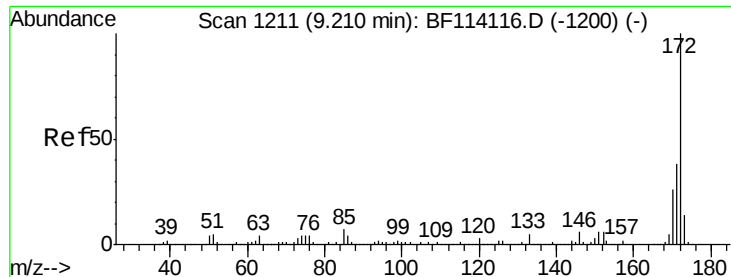
#42
2,4,6-Tribromophenol
Concen: 113.372 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF114154.D
Acq: 11 May 2019 14:02

Tgt Ion:330 Resp: 624906
Ion Ratio Lower Upper
330 100
332 102.5 81.4 122.2
141 31.7 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

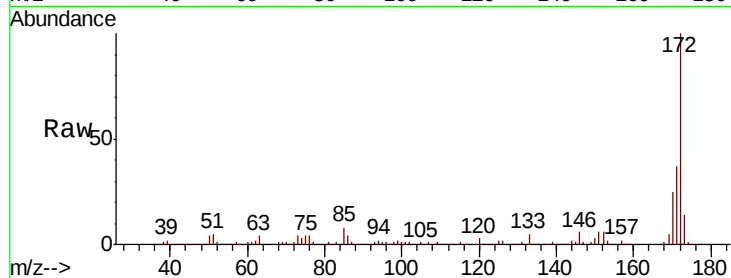




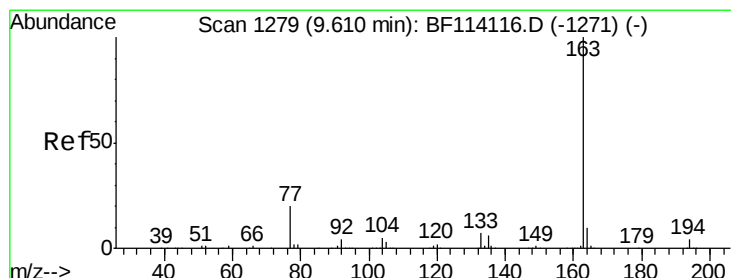
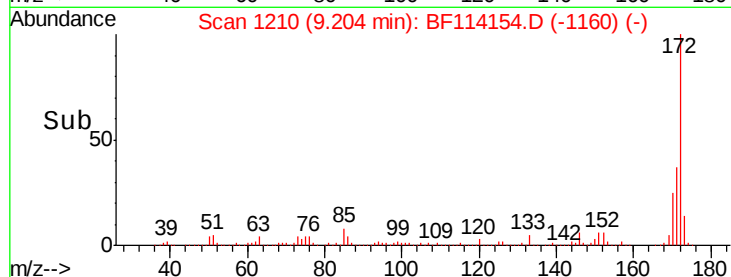
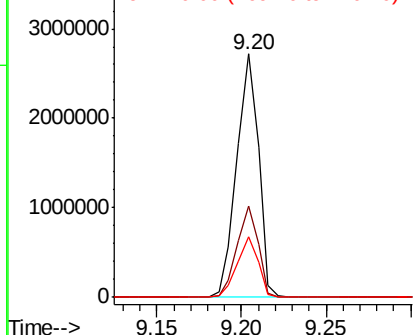
#45
2-Fluorobiphenyl
Concen: 69.255 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114154.D
Acq: 11 May 2019 14:02

Instrument :
BNA_F
ClientSampleId :
P021-SS005-0002-01

Tgt Ion:172 Resp: 2440994
Ion Ratio Lower Upper
172 100
171 37.3 30.7 46.1
170 25.0 20.5 30.7

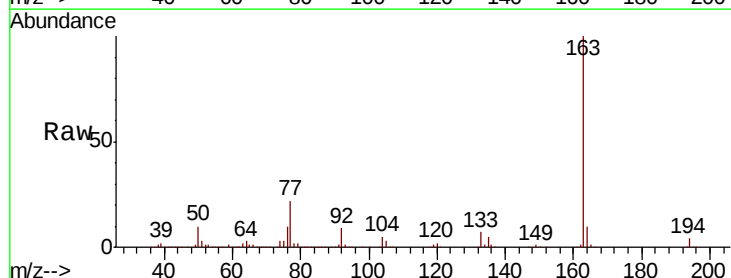


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

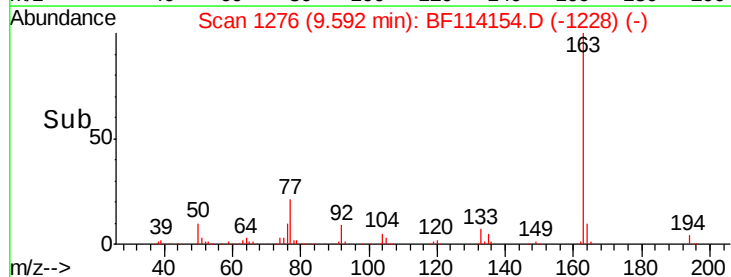
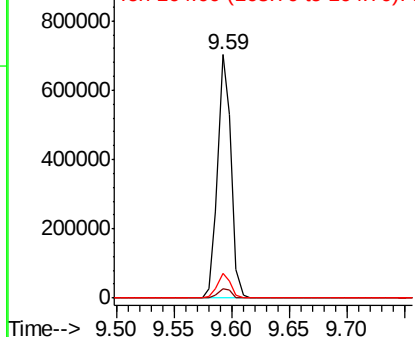


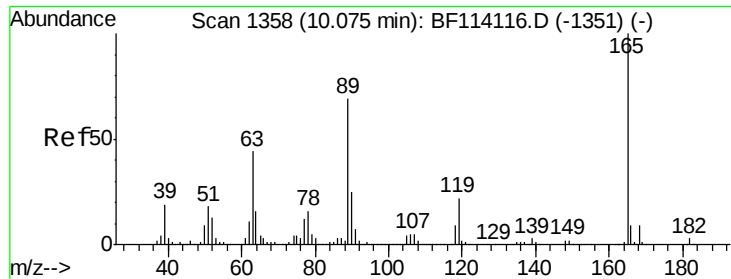
#50
Dimethylphthalate
Concen: 14.532 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF114154.D
Acq: 11 May 2019 14:02

Tgt Ion:163 Resp: 568762
Ion Ratio Lower Upper
163 100
194 3.7 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

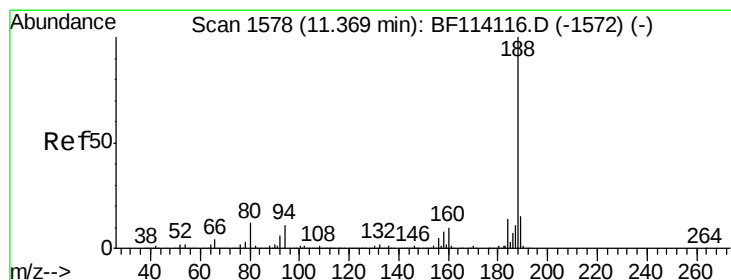
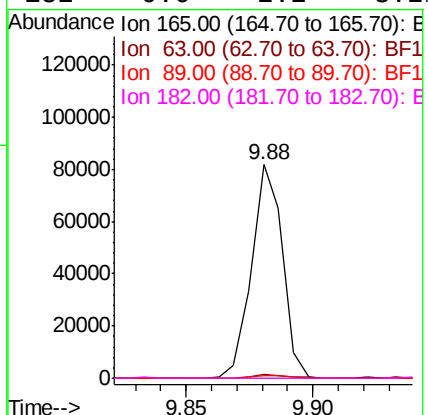
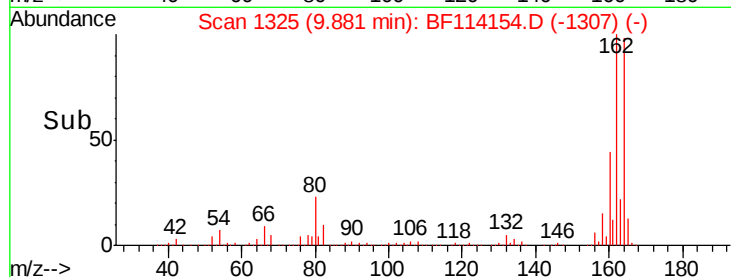
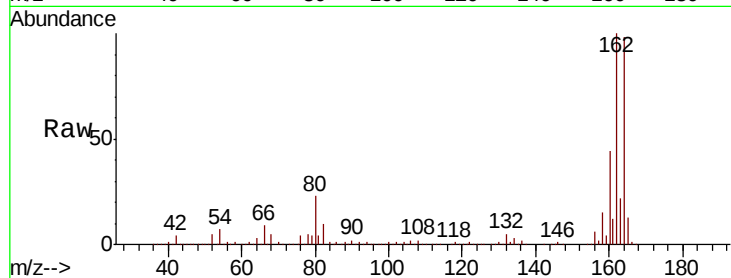




#57
2,4-Dinitrotoluene
Concen: 5.885 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF114154.D
Acq: 11 May 2019 14:02

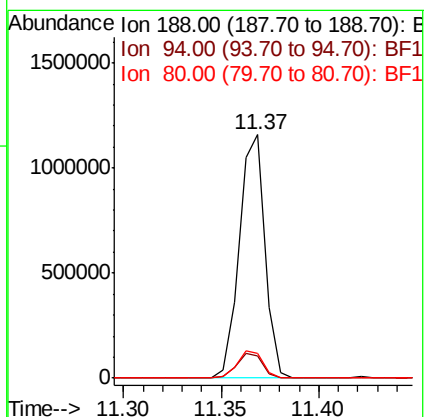
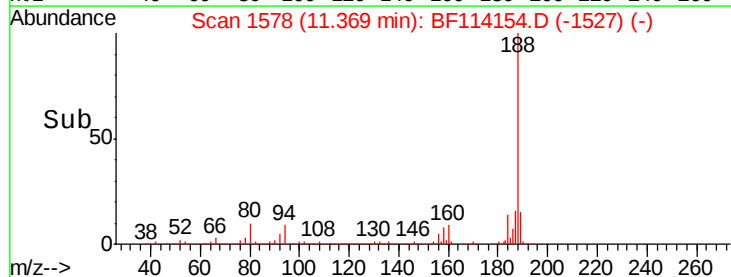
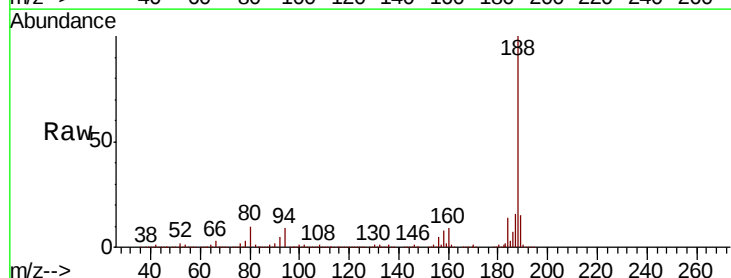
Instrument :
BNA_F
ClientSampleId :
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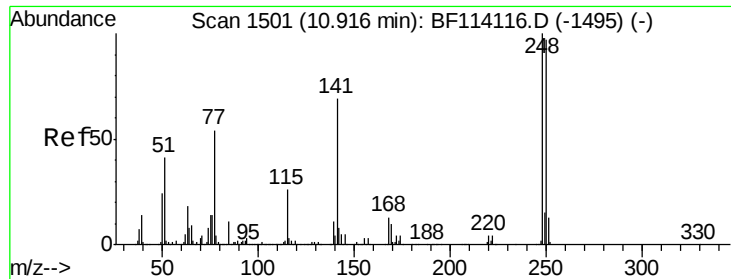
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	35.5	53.3#
89	1.4	55.2	82.8#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF114154.D
Acq: 11 May 2019 14:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.4	12.6
80	9.9	9.2	13.8

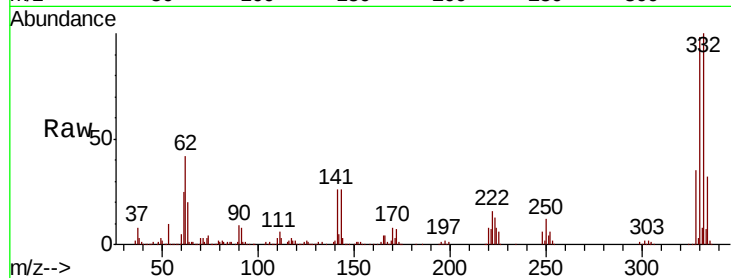




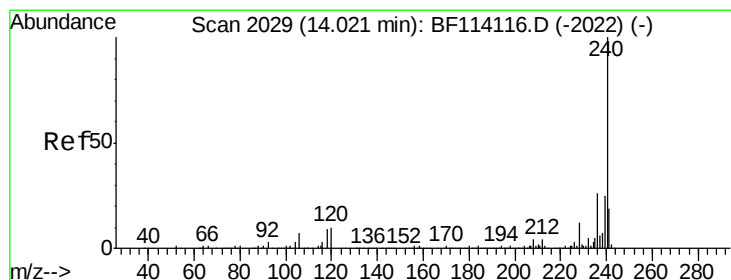
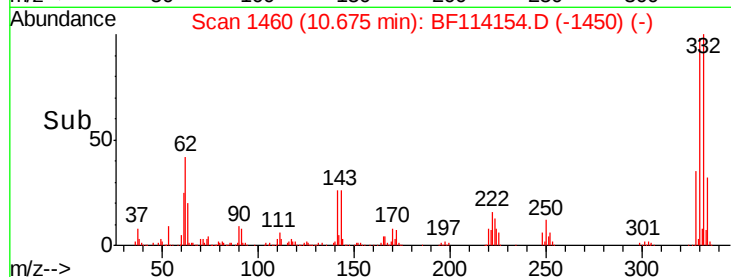
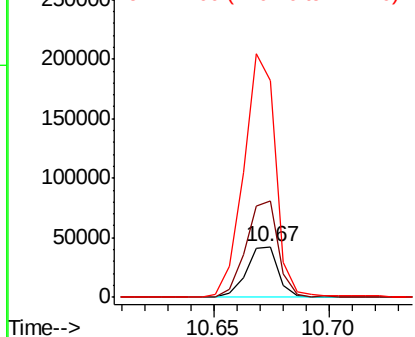
#67
4-Bromophenyl-phenylether
Concen: 3.537 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF114154.D
Acq: 11 May 2019 14:02

Instrument :
BNA_F
ClientSampleId :
P021-SS005-0002-01

Tgt Ion:248 Resp: 41015
Ion Ratio Lower Upper
248 100
250 189.7 77.4 116.2#
141 429.4 55.6 83.4#

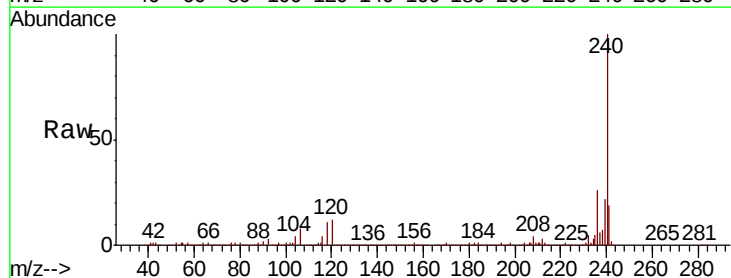


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

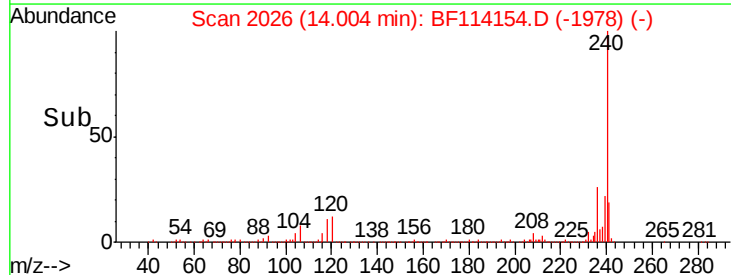
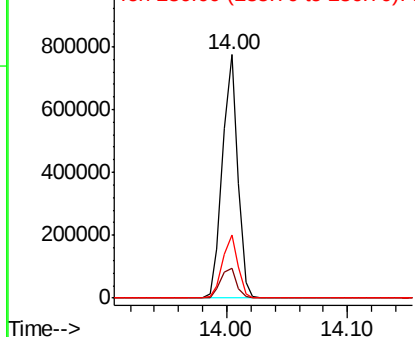


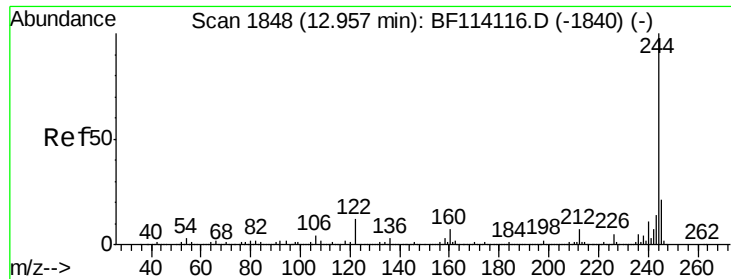
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF114154.D
Acq: 11 May 2019 14:02

Tgt Ion:240 Resp: 673857
Ion Ratio Lower Upper
240 100
120 12.3 8.3 12.5
236 26.0 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: 70.481 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114154.D

Acq: 11 May 2019 14:02

Instrument :

BNA_F

ClientSampleId :

P021-SS005-0002-01

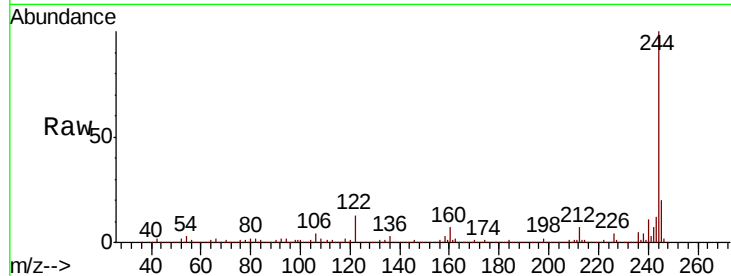
Tgt Ion:244 Resp: 2303937

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

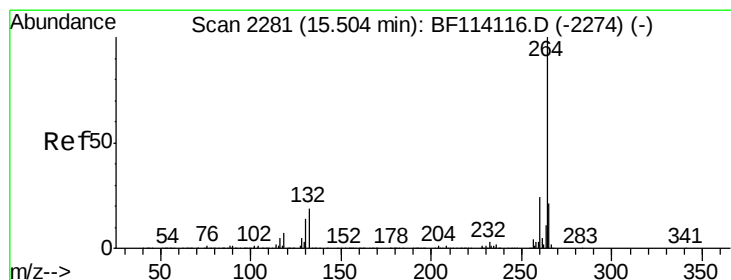
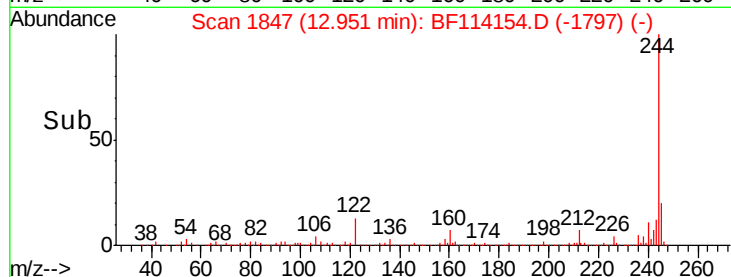
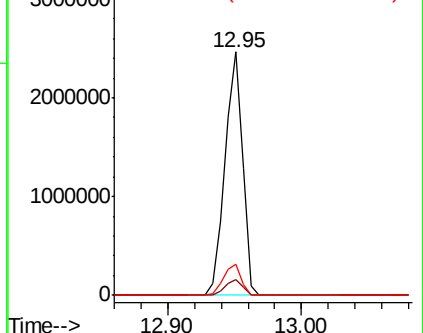
122 13.0 9.4 14.2



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: BF114154.D

Acq: 11 May 2019 14:02

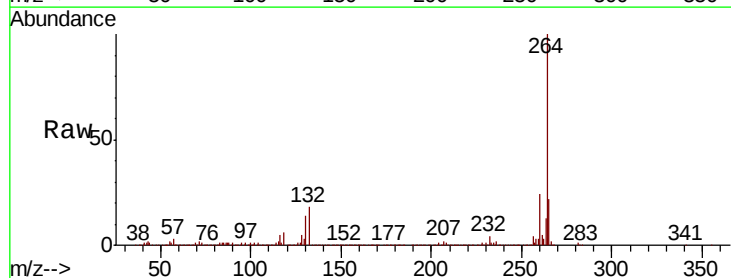
Tgt Ion:264 Resp: 683164

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

265 21.8 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

