

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
 Data File : BF114163.D
 Acq On : 11 May 2019 20:02
 Operator : JU/SJ
 Sample : K2766-17
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-1824-01

Quant Time: May 12 05:54:18 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

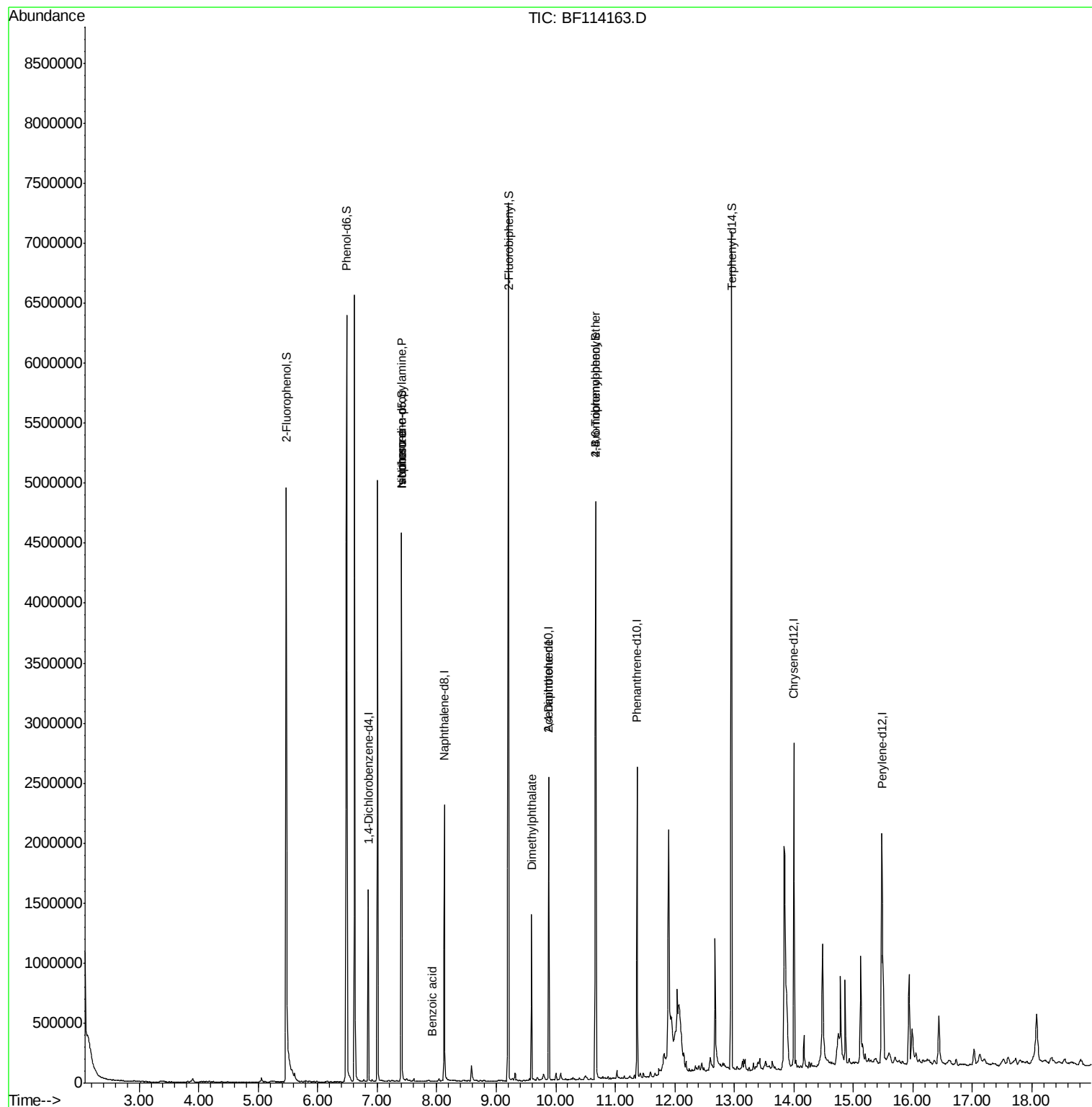
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	234150	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	933600	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	456962	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	952639	20.00	ng	0.00
76) Chrysene-d12	14.00	240	848475	20.00	ng	-0.02
87) Perylene-d12	15.48	264	905758	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1659035	114.02	ng	0.00
7) Phenol-d6	6.49	99	2183216	126.87	ng	0.00
23) Nitrobenzene-d5	7.41	82	1346456	80.94	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	563826	119.35	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2145407	71.02	ng	0.00
79) Terphenyl-d14	12.95	244	2379783	57.82	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	180677	16.564	ng	# 76
25) Isophorone	7.41	82	1346444	43.641	ng	# 64
32) Benzoic acid	7.92	122	111	7.031	ng	# 31
50) Dimethylphthalate	9.59	163	465822	13.886	ng	99
57) 2,4-Dinitrotoluene	9.88	165	60377	5.979	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	36422	3.472	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
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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: BF114163.D

Acq: 11 May 2019 20:02

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P026-SS008-1824-01

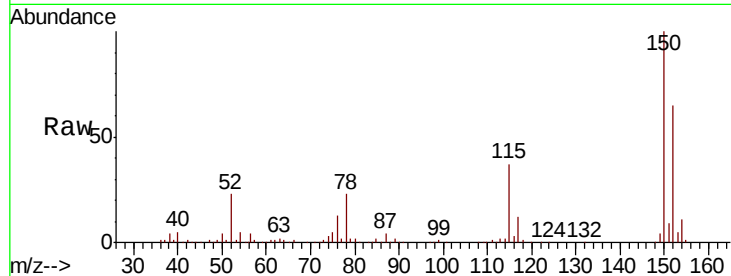
Tgt Ion:152 Resp: 234150

Ion Ratio Lower Upper

152 100

150 154.0 124.3 186.5

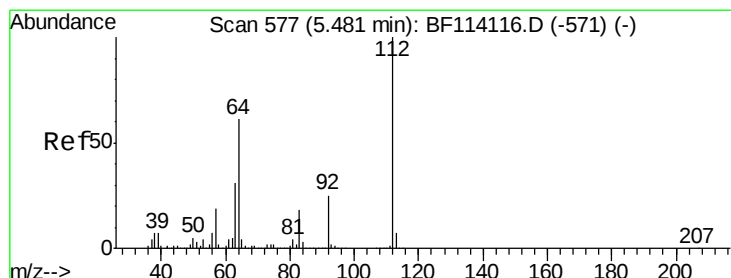
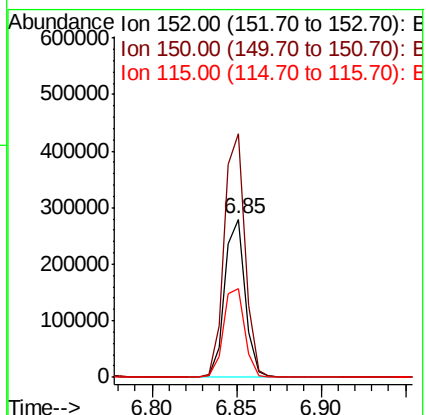
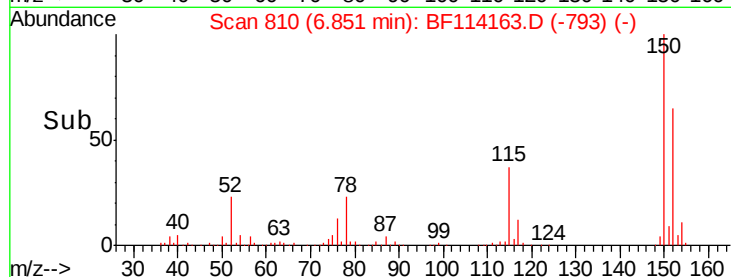
115 56.4 49.1 73.7



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: 114.022 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF114163.D

Acq: 11 May 2019 20:02

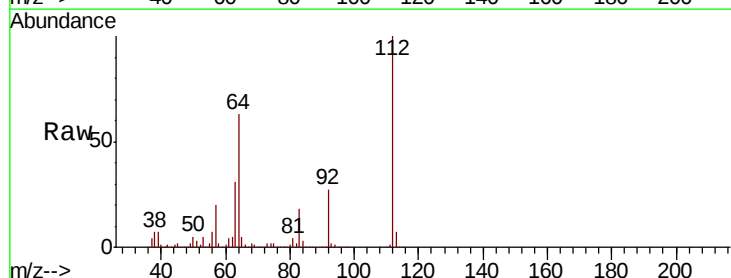
Tgt Ion:112 Resp: 1659035

Ion Ratio Lower Upper

112 100

64 63.2 49.0 73.6

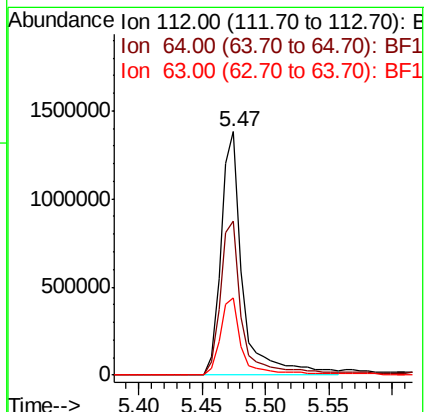
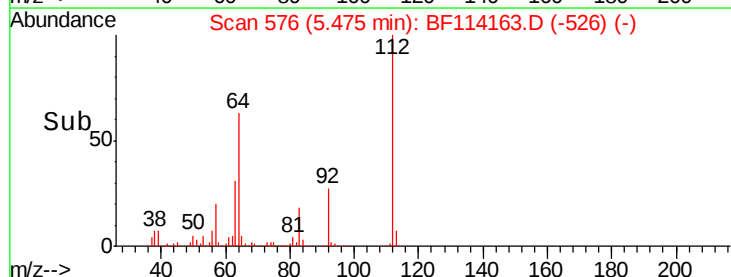
63 31.5 24.6 37.0

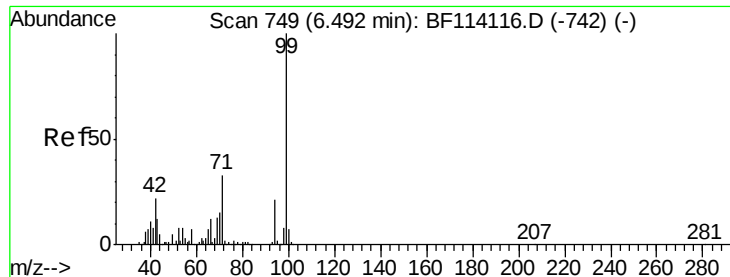


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 126.865 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114163.D

Acq: 11 May 2019 20:02

Instrument :

BNA_F

ClientSampleId :

P026-SS008-1824-01

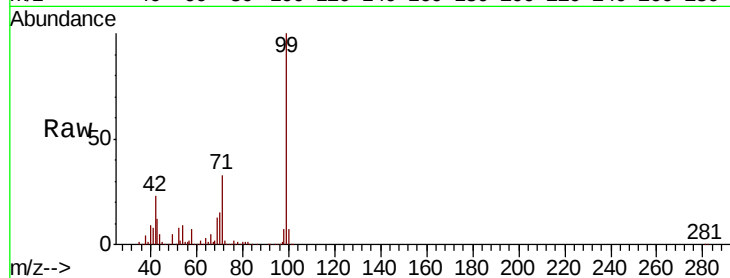
Tgt Ion: 99 Resp: 2183216

Ion Ratio Lower Upper

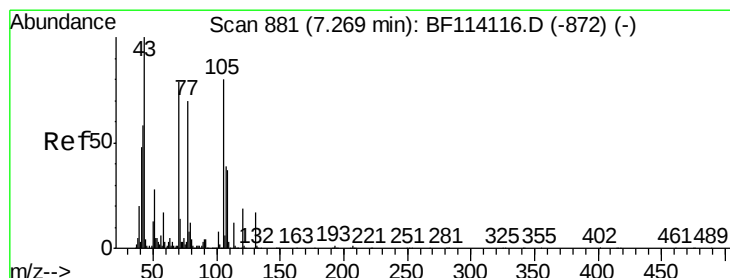
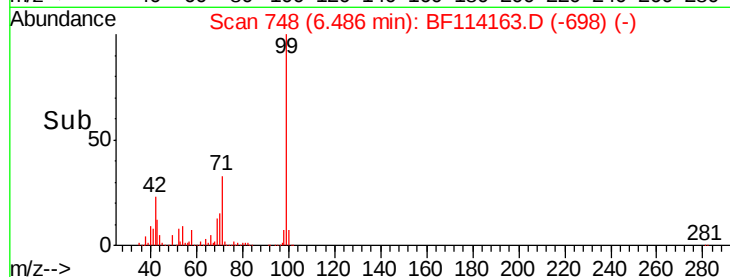
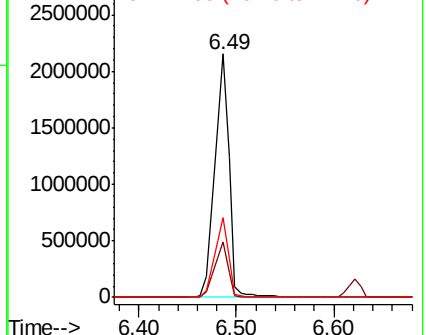
99 100

42 23.0 17.9 26.9

71 32.8 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: 16.564 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114163.D

Acq: 11 May 2019 20:02

Tgt Ion: 70 Resp: 180677

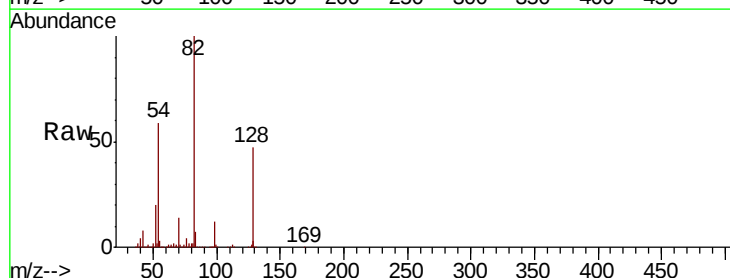
Ion Ratio Lower Upper

70 100

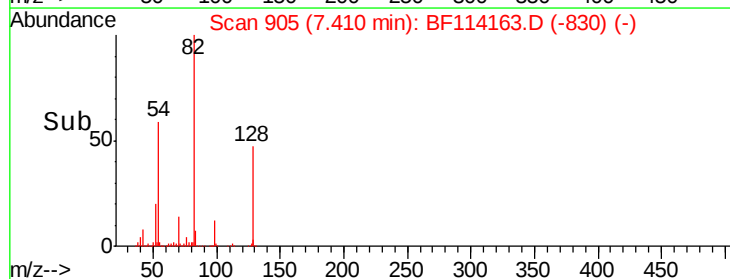
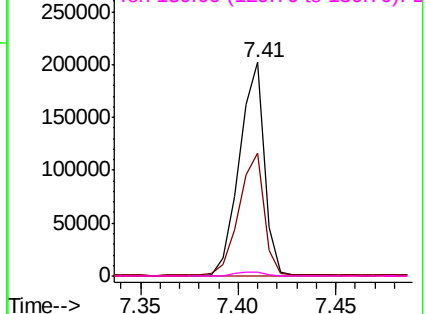
42 57.4 58.6 87.8#

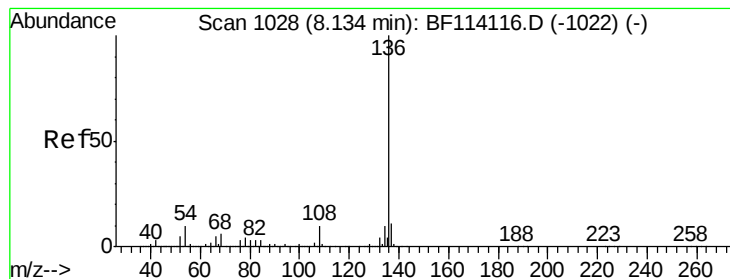
101 0.0 7.8 11.8#

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: BF114163.D

Acq: 11 May 2019 20:02

Instrument :

BNA_F

ClientSampleId :

P026-SS008-1824-01

Tgt Ion: 136 Resp: 933600

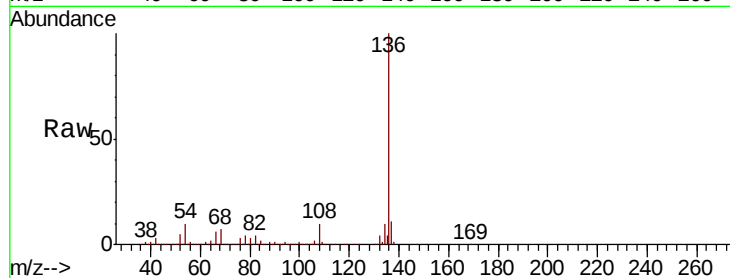
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 9.9 7.8 11.8

68 6.6 5.1 7.7

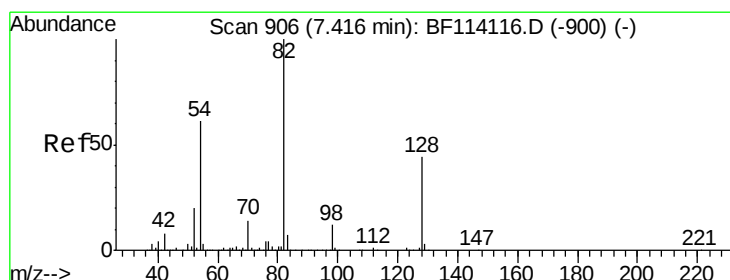
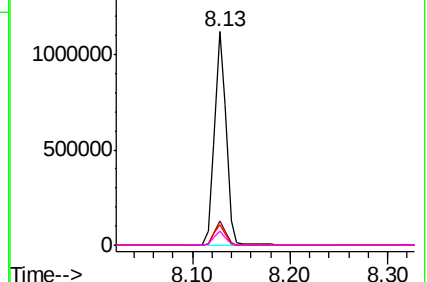
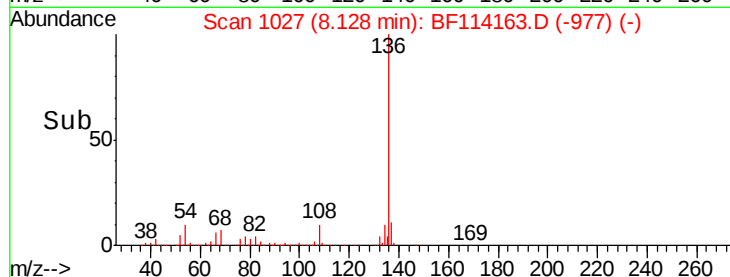


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.937 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF114163.D

Acq: 11 May 2019 20:02

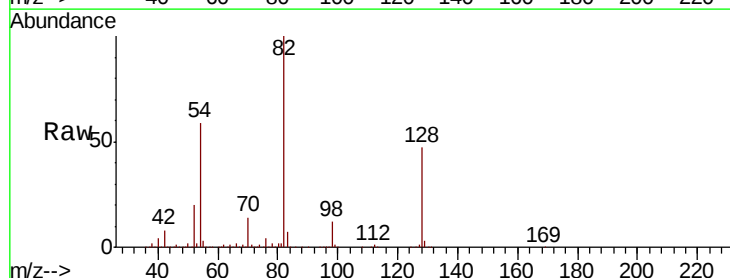
Tgt Ion: 82 Resp: 1346456

Ion Ratio Lower Upper

82 100

128 47.3 35.5 53.3

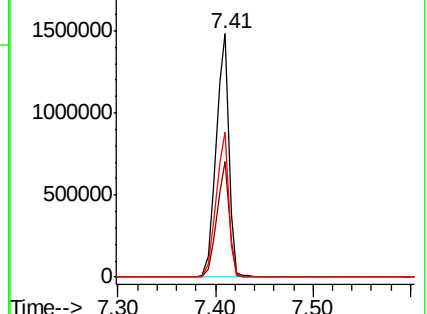
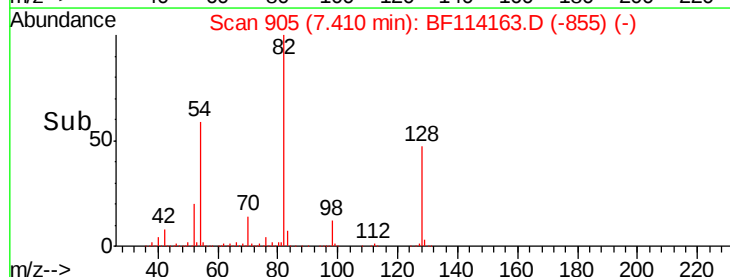
54 59.4 48.5 72.7

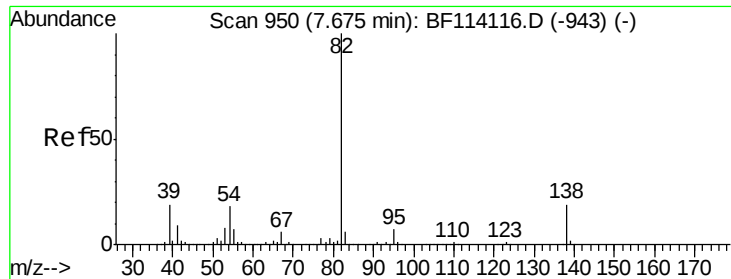


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 43.641 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114163.D

Acq: 11 May 2019 20:02

Instrument :

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ClientSampleId :

P026-SS008-1824-01

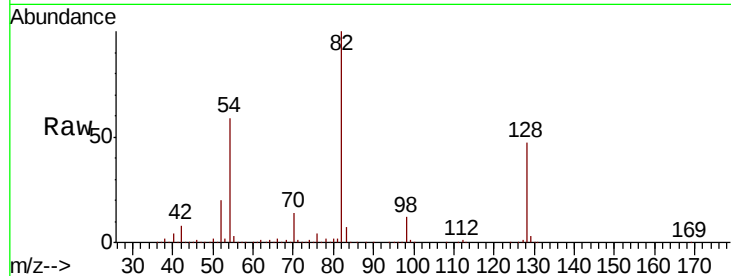
Tgt Ion: 82 Resp: 1346444

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

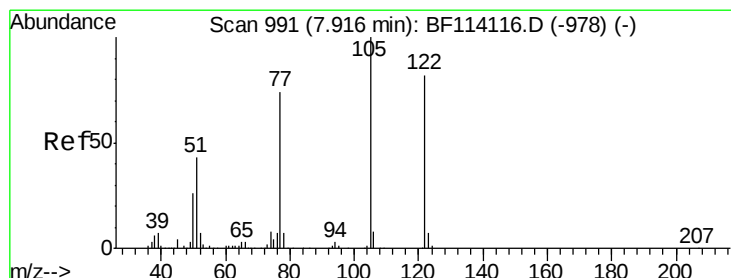
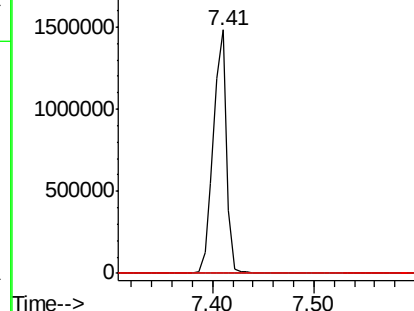
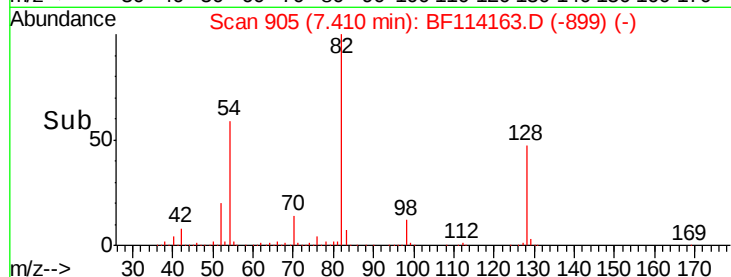
138 0.0 14.8 22.2#



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: 7.031 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF114163.D

Acq: 11 May 2019 20:02

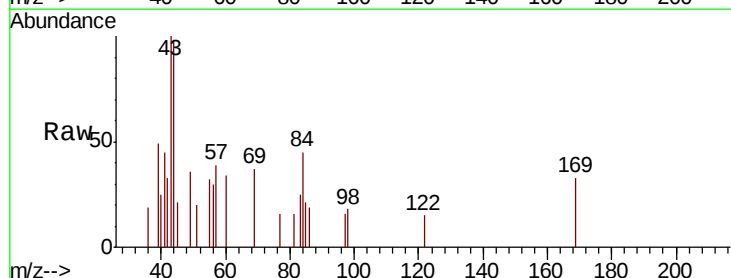
Tgt Ion: 122 Resp: 111

Ion Ratio Lower Upper

122 100

105 0.0 99.9 139.9#

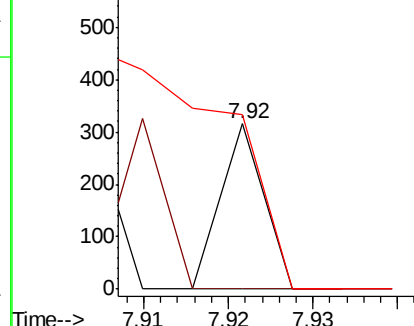
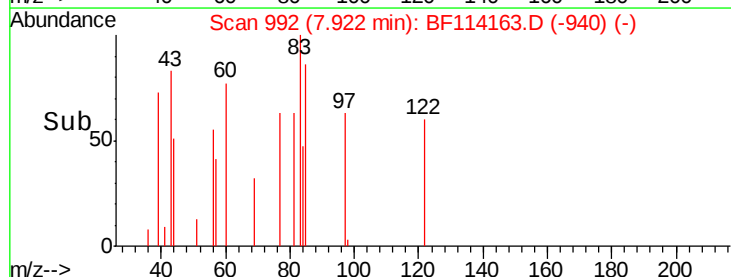
77 105.4 69.4 109.4

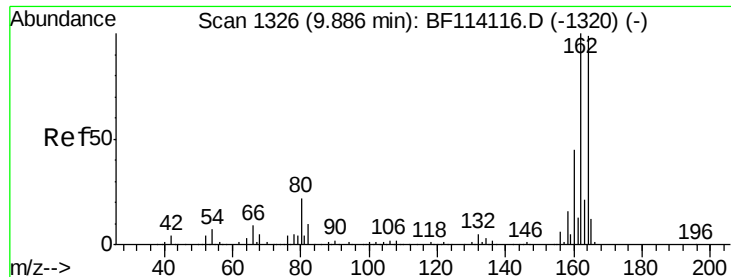


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

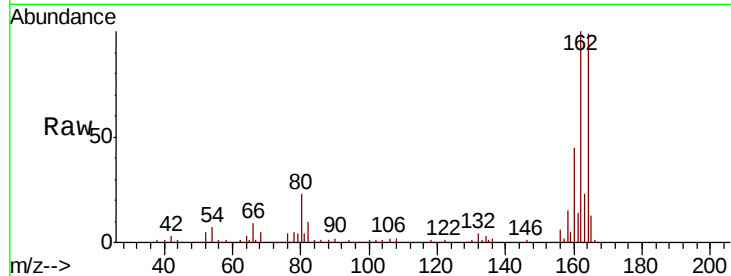




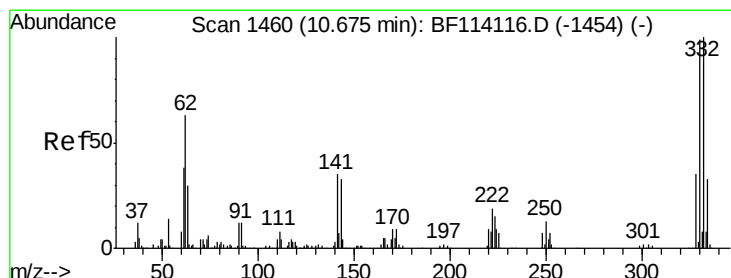
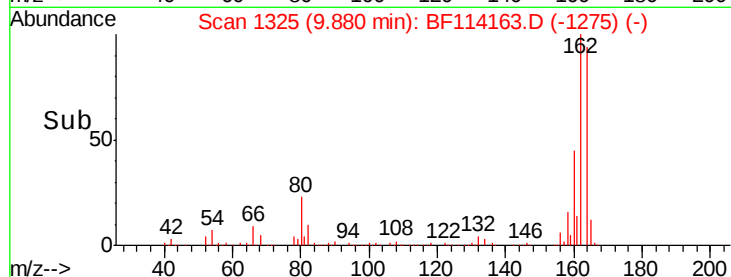
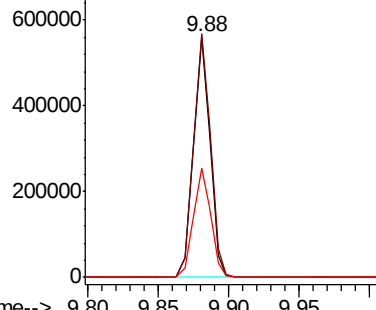
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF114163.D
 Acq: 11 May 2019 20:02

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-1824-01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.6	120.8
160	45.6	36.5	54.7

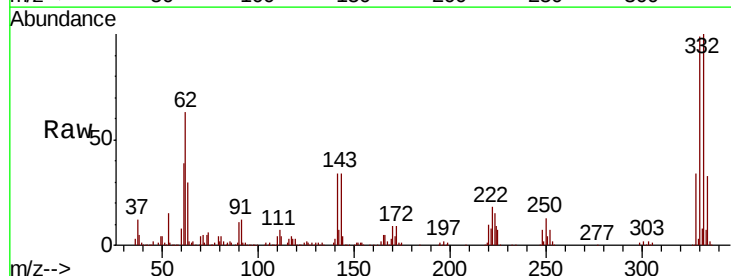


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

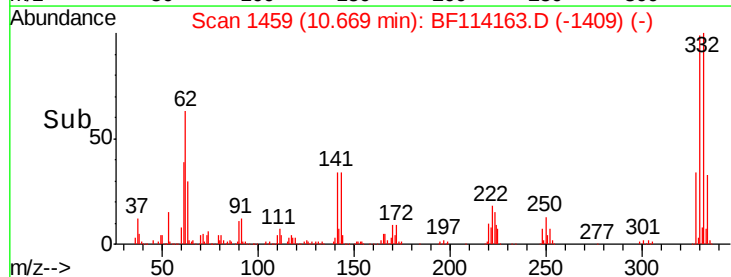
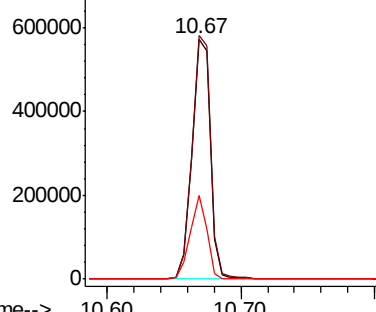


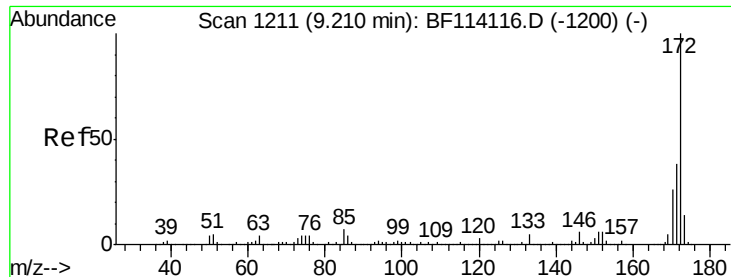
#42
 2,4,6-Tribromophenol
 Concen: 119.348 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF114163.D
 Acq: 11 May 2019 20:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	102.4	81.4	122.2
141	32.0	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

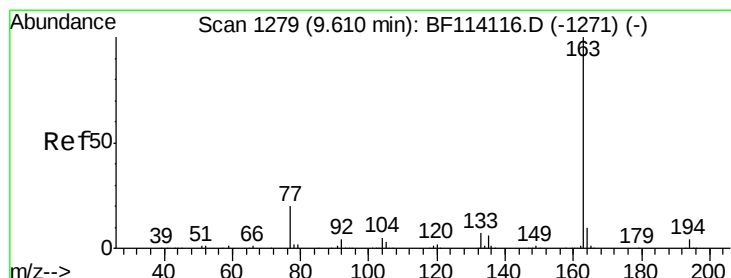
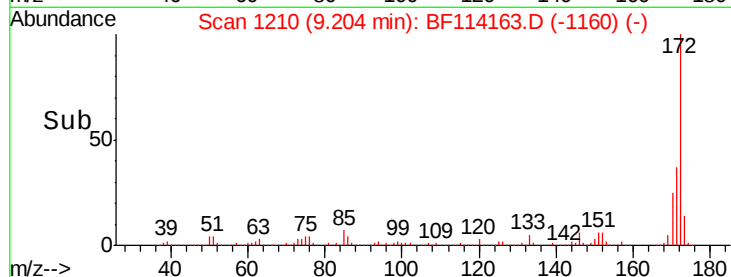
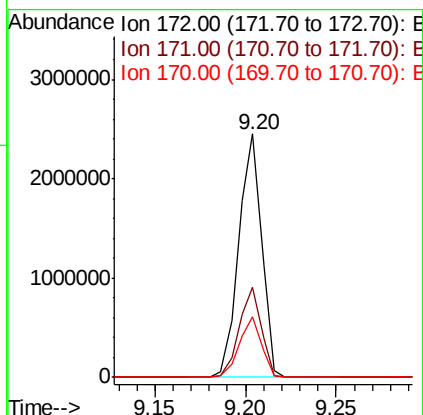
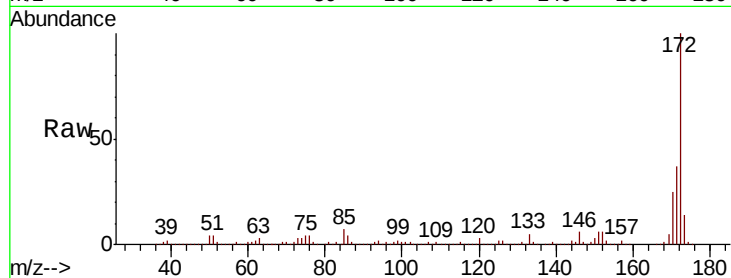




#45
 2-Fluorobiphenyl
 Concen: 71.019 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114163.D
 Acq: 11 May 2019 20:02

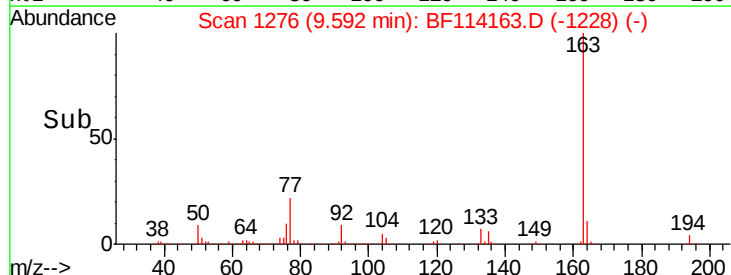
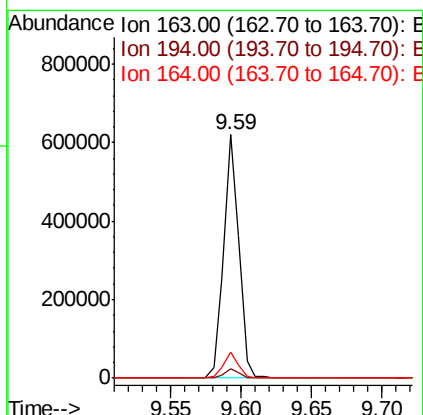
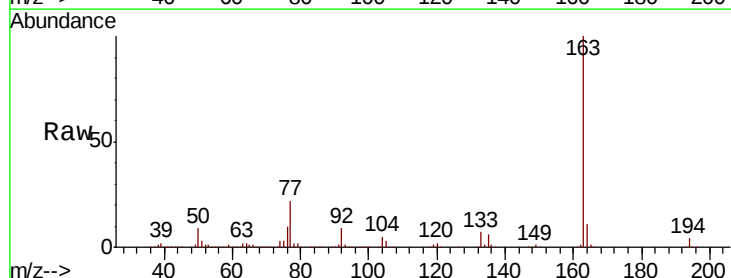
Instrument :
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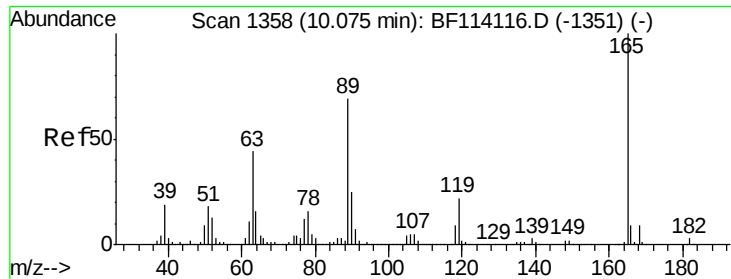
Tgt Ion:172 Resp: 2145407
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.7 46.1
 170 25.0 20.5 30.7



#50
 Dimethylphthalate
 Concen: 13.886 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF114163.D
 Acq: 11 May 2019 20:02

Tgt Ion:163 Resp: 465822
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.4 5.0
 164 10.6 8.2 12.2

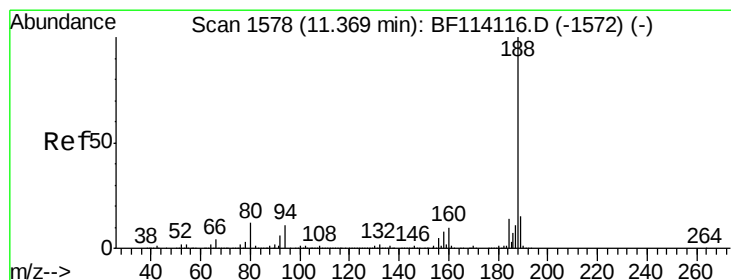
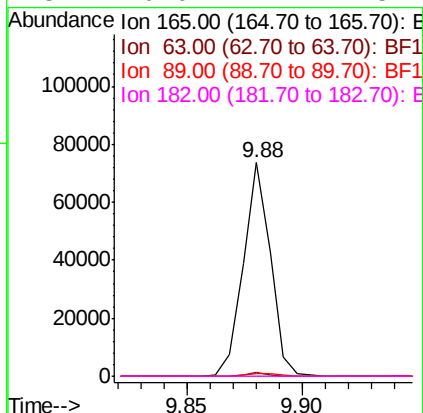
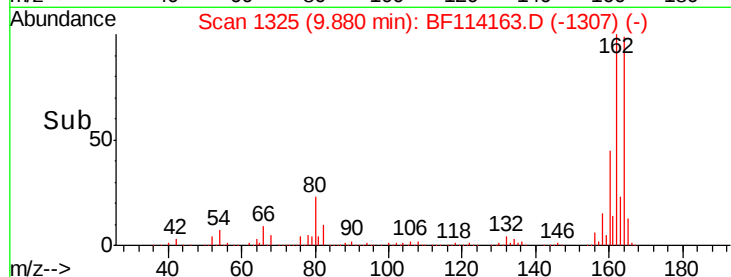
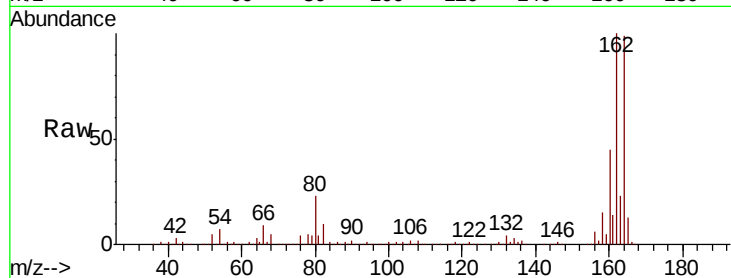




#57
 2,4-Dinitrotoluene
 Concen: 5.979 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.19 min
 Lab File: BF114163.D
 Acq: 11 May 2019 20:02

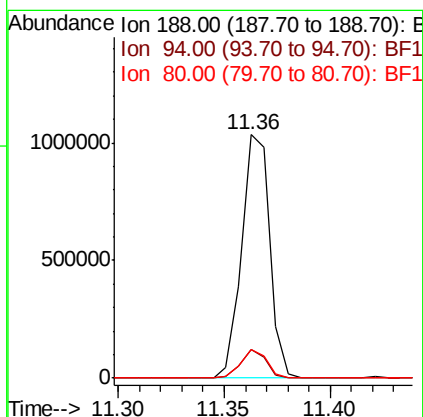
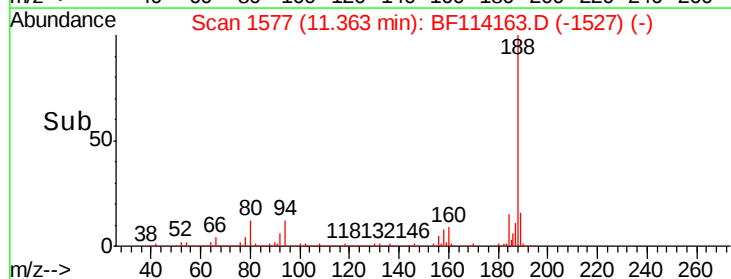
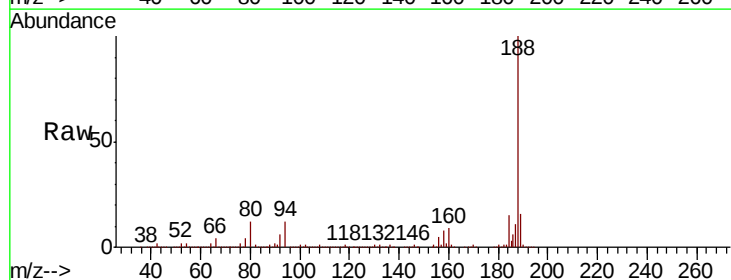
Instrument :
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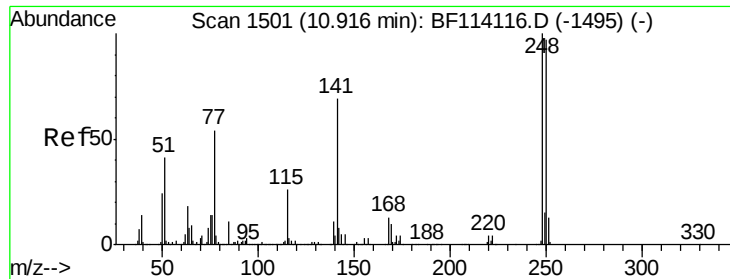
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	35.5	53.3#
89	1.3	55.2	82.8#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF114163.D
 Acq: 11 May 2019 20:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.4	12.6
80	11.9	9.2	13.8

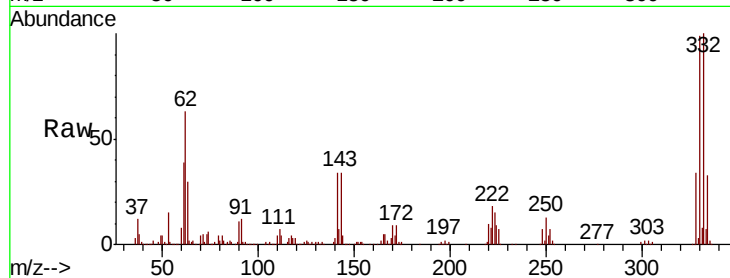




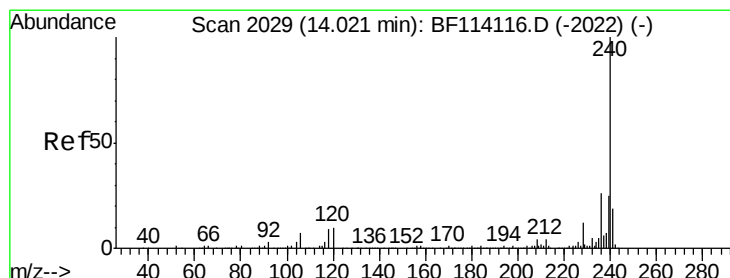
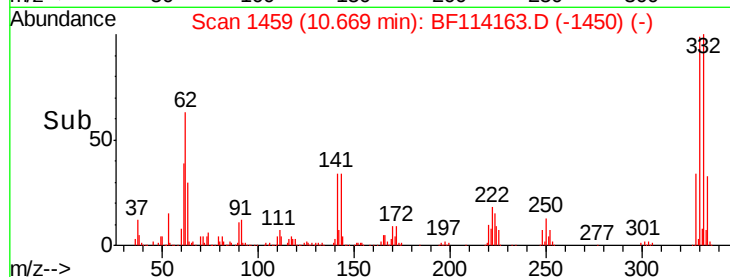
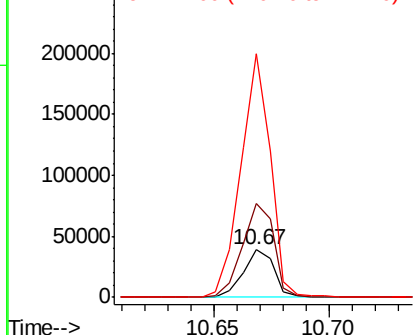
#67
4-Bromophenyl-phenylether
Concen: 3.472 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF114163.D
Acq: 11 May 2019 20:02

Instrument :
BNA_F
ClientSampleId :
P026-SS008-1824-01

Tgt Ion:248 Resp: 36422
Ion Ratio Lower Upper
248 100
250 198.0 77.4 116.2#
141 514.5 55.6 83.4#

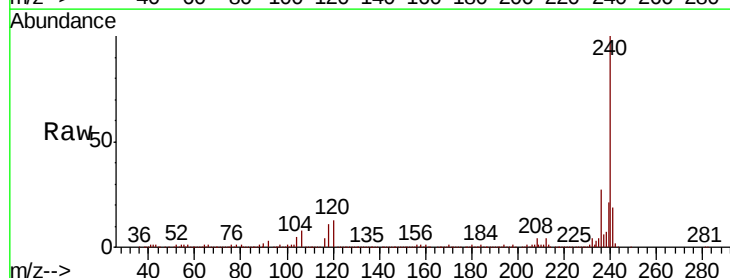


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

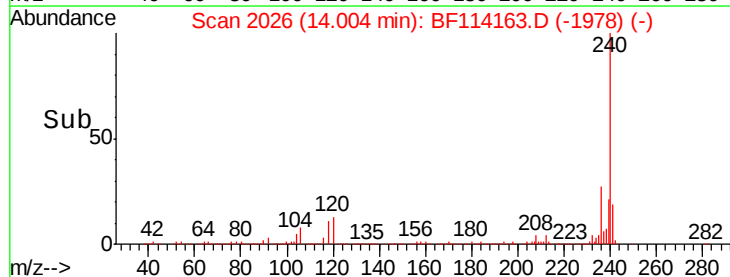
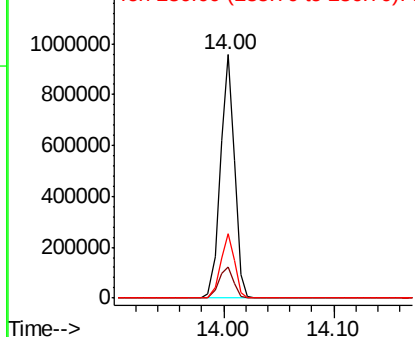


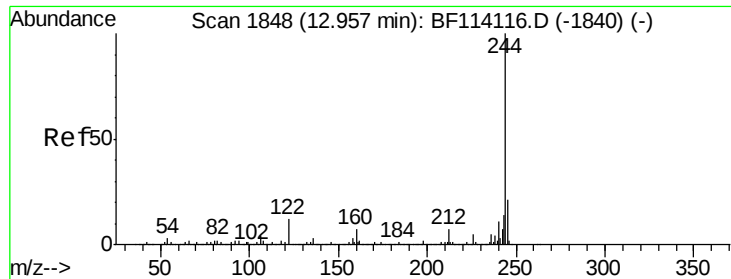
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF114163.D
Acq: 11 May 2019 20:02

Tgt Ion:240 Resp: 848475
Ion Ratio Lower Upper
240 100
120 12.6 8.3 12.5#
236 26.6 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: 57.819 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114163.D

Acq: 11 May 2019 20:02

Instrument :

BNA_F

ClientSampleId :

P026-SS008-1824-01

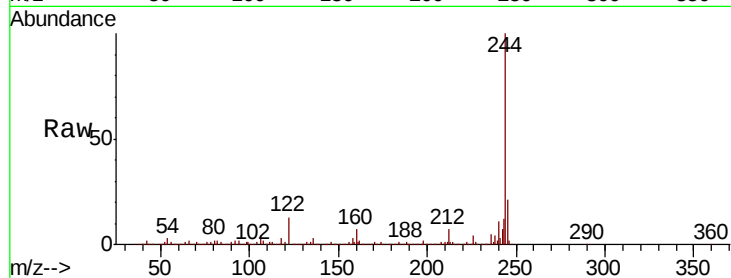
Tgt Ion:244 Resp: 2379783

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

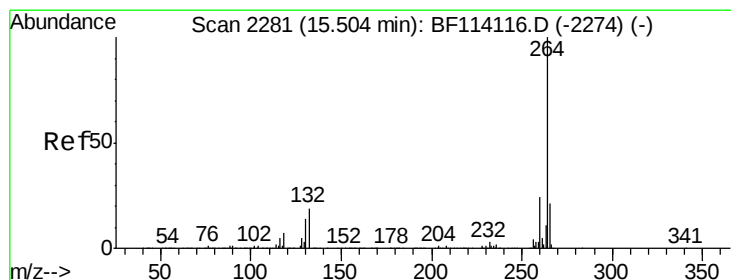
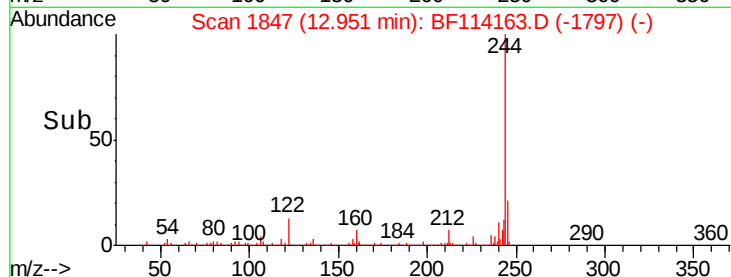
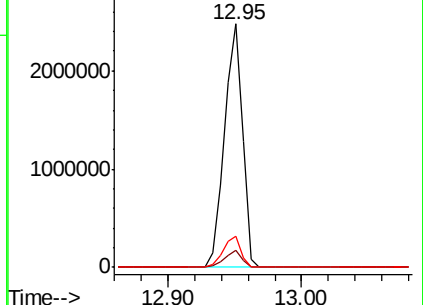
122 12.8 9.4 14.2



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: 15.48 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BF114163.D

Acq: 11 May 2019 20:02

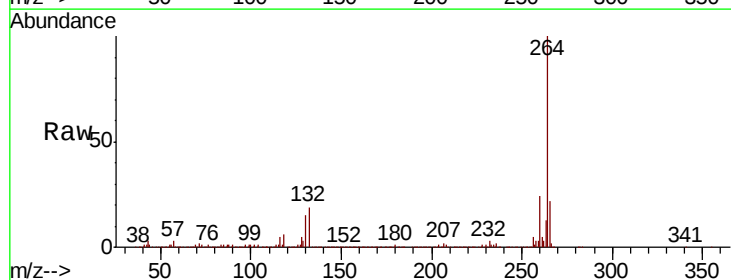
Tgt Ion:264 Resp: 905758

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

265 22.4 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

