

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051319\
 Data File : BF114223.D
 Acq On : 13 May 2019 12:47
 Operator : JU/SJ
 Sample : K2766-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01

Quant Time: May 14 04:42:04 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

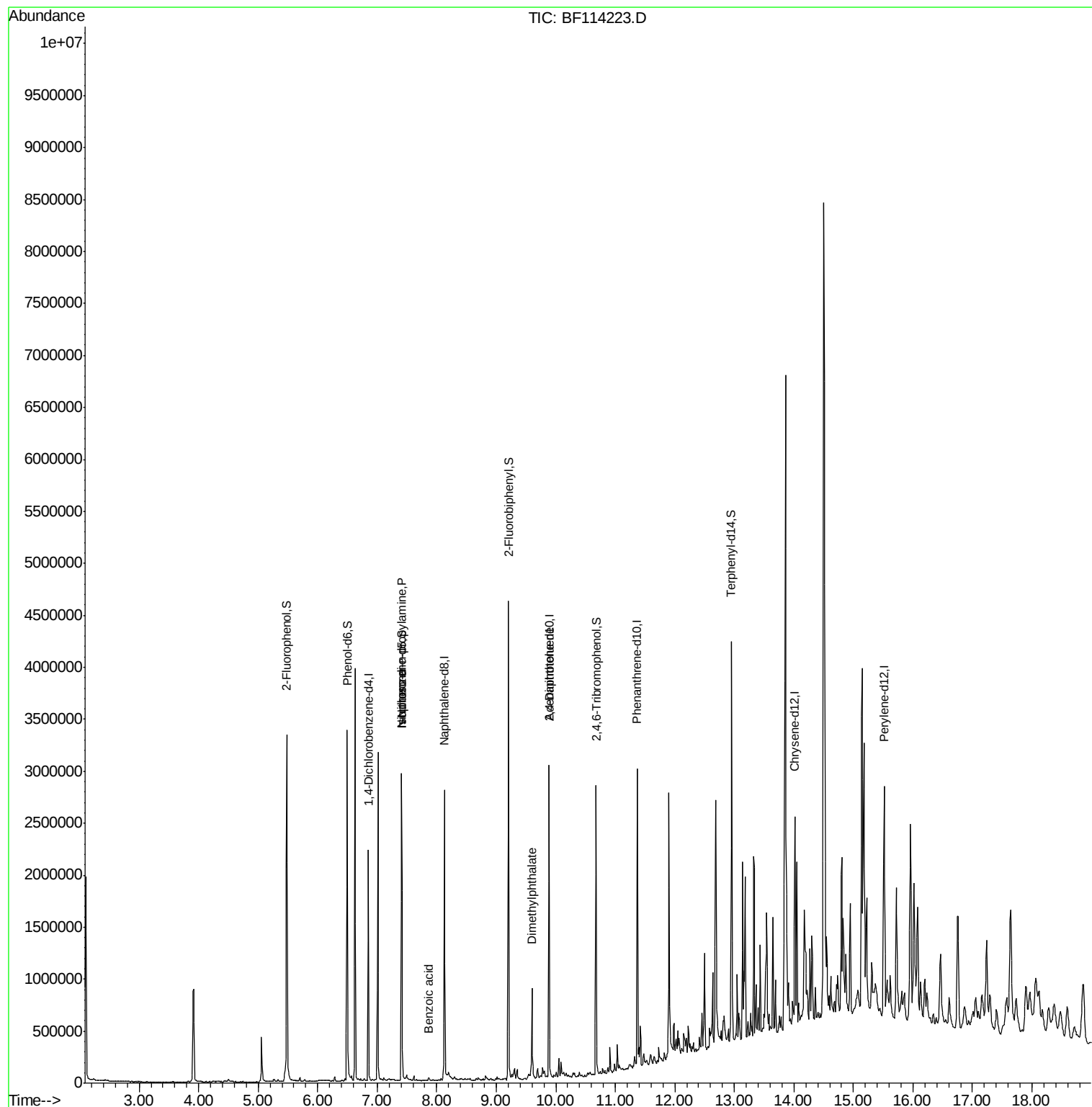
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	295702	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1171103	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	565350	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1108237	20.00	ng	0.00
76) Chrysene-d12	14.02	240	710078	20.00	ng	0.00
87) Perylene-d12	15.51	264	688344	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	916296	49.87	ng	0.00
7) Phenol-d6	6.49	99	1187981	54.66	ng	0.00
23) Nitrobenzene-d5	7.41	82	898499	43.06	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	310782	53.17	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1343450	35.95	ng	0.00
79) Terphenyl-d14	12.95	244	1276222	37.05	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	119285	8.659	ng	Qvalue # 76
25) Isophorone	7.41	82	898489	23.216	ng	# 64
32) Benzoic acid	7.86	122	3828	7.304	ng	91
50) Dimethylphthalate	9.60	163	322071	7.760	ng	100
57) 2,4-Dinitrotoluene	9.89	165	74931	5.997	ng	# 25

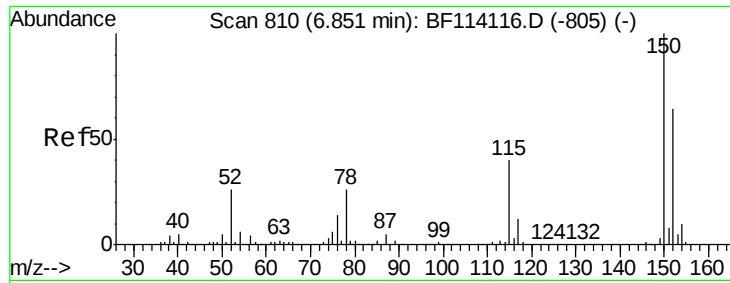
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

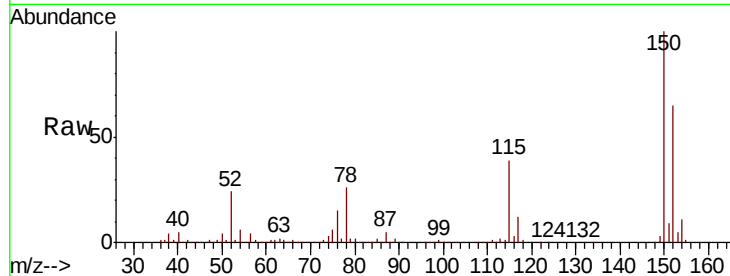




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF114223.D
 Acq: 13 May 2019 12:47

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.3	186.5
115	60.2	49.1	73.7

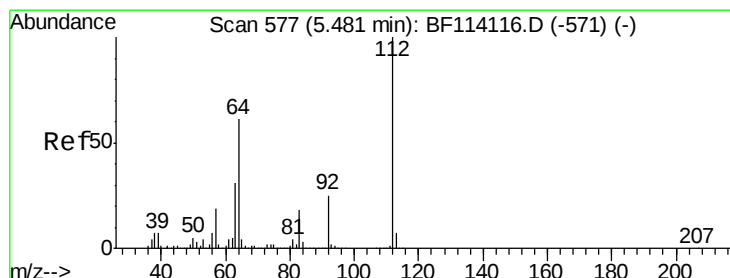
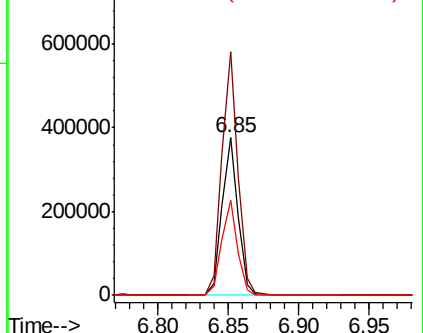
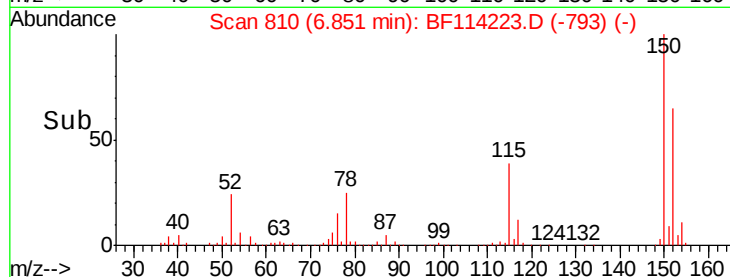


Abundance

Ion 152.00 (151.70 to 152.70): E

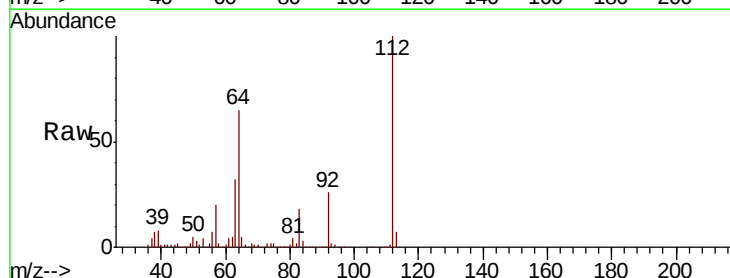
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 49.866 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF114223.D
 Acq: 13 May 2019 12:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	49.0	73.6
63	32.2	24.6	37.0

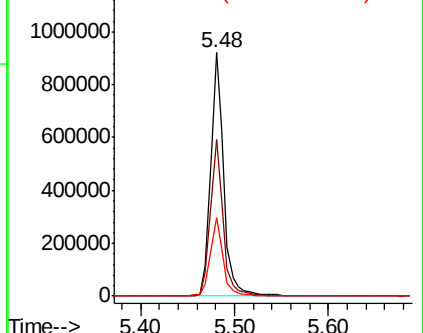
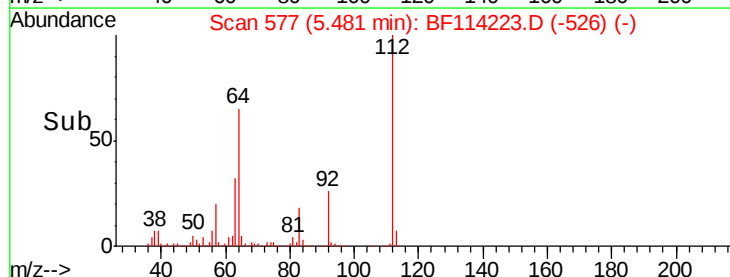


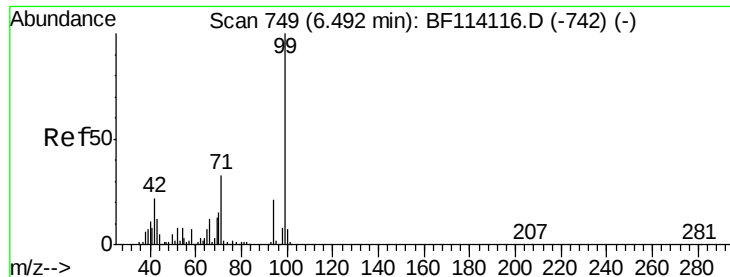
Abundance

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: 54.663 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114223.D

Acq: 13 May 2019 12:47

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01

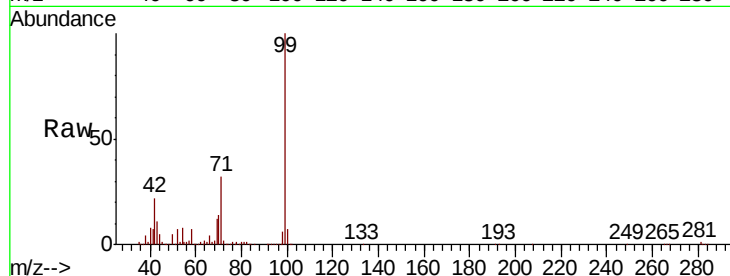
Tgt Ion: 99 Resp: 1187981

Ion Ratio Lower Upper

99 100

42 22.0 17.9 26.9

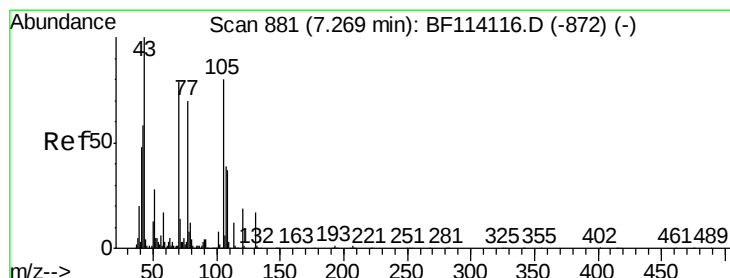
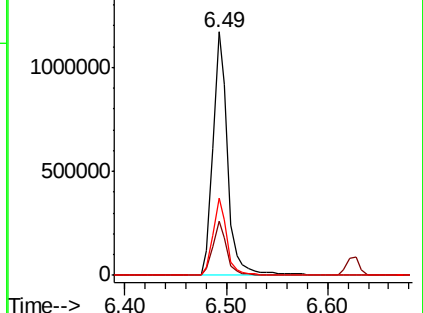
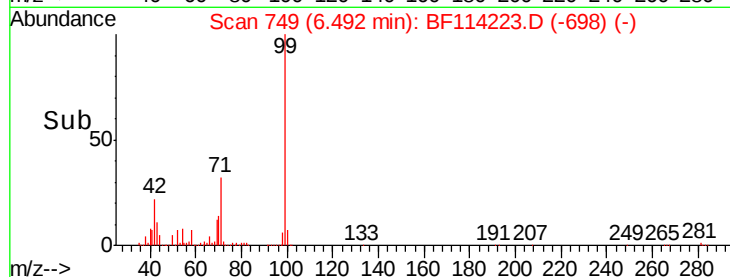
71 31.6 26.2 39.2



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: 8.659 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114223.D

Acq: 13 May 2019 12:47

Tgt Ion: 70 Resp: 119285

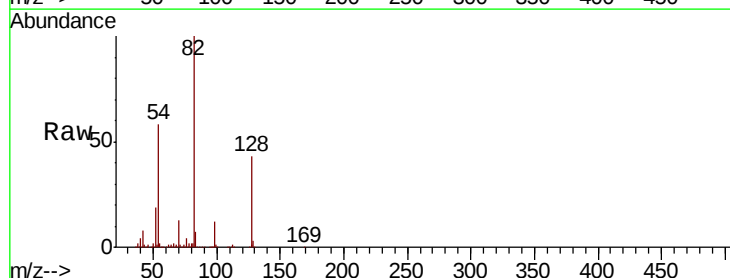
Ion Ratio Lower Upper

70 100

42 57.4 58.6 87.8#

101 0.0 7.8 11.8#

130 2.3 17.1 25.7#

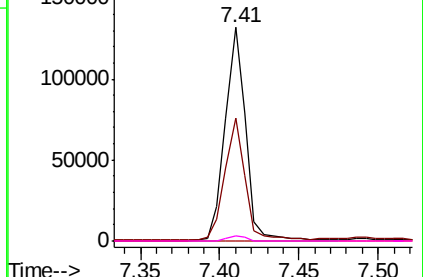
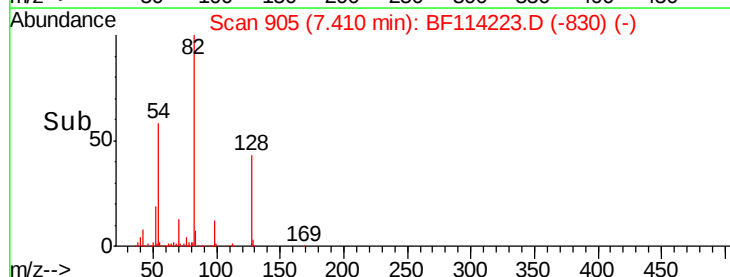


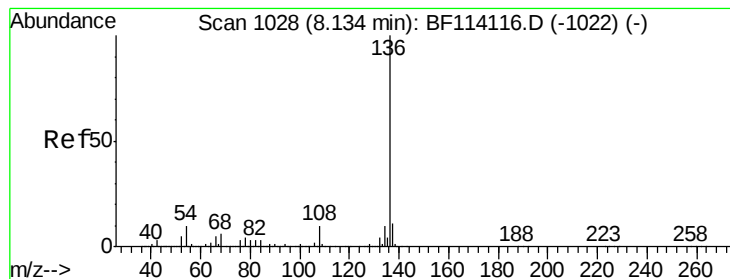
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF114223.D

Acq: 13 May 2019 12:47

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01

Tgt Ion:136 Resp: 1171103

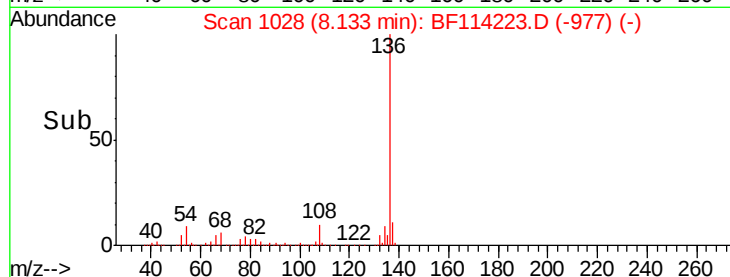
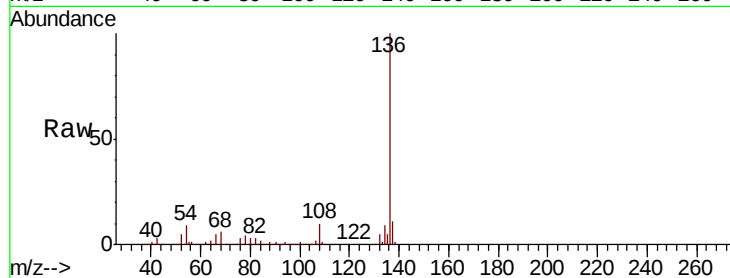
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.1 7.8 11.8

68 6.4 5.1 7.7

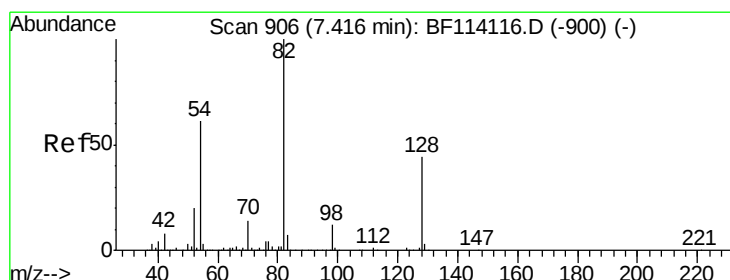
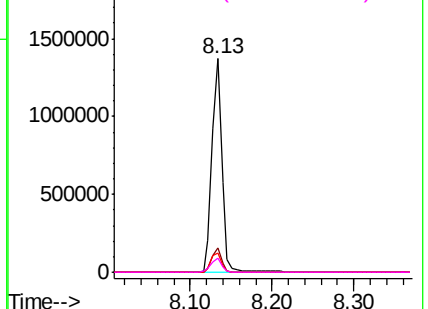


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.057 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF114223.D

Acq: 13 May 2019 12:47

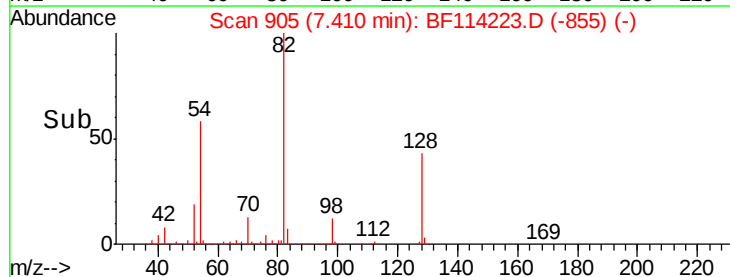
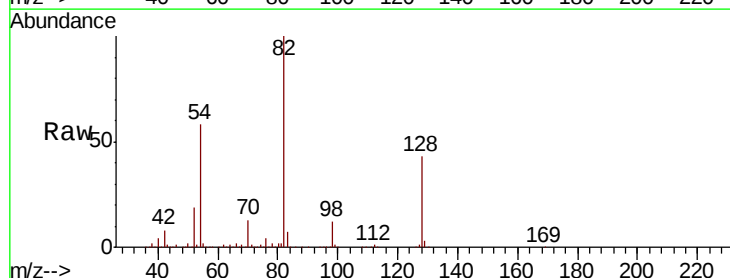
Tgt Ion: 82 Resp: 898499

Ion Ratio Lower Upper

82 100

128 43.4 35.5 53.3

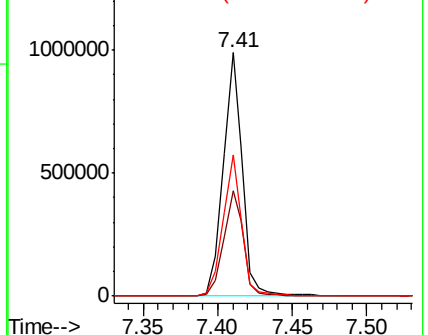
54 57.8 48.5 72.7

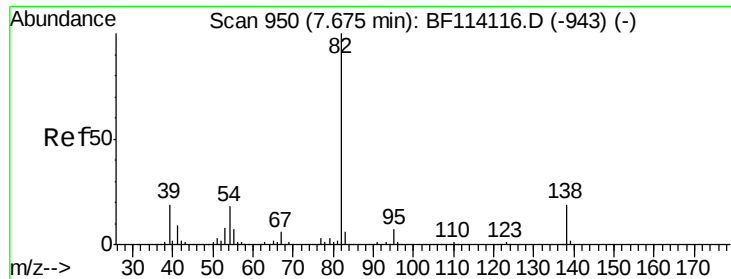


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 23.216 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114223.D

Acq: 13 May 2019 12:47

Instrument :

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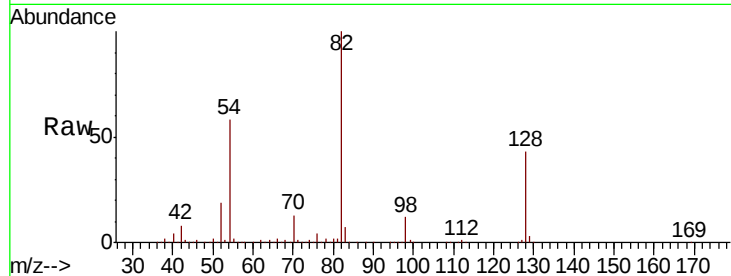
Tgt Ion: 82 Resp: 898489

Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

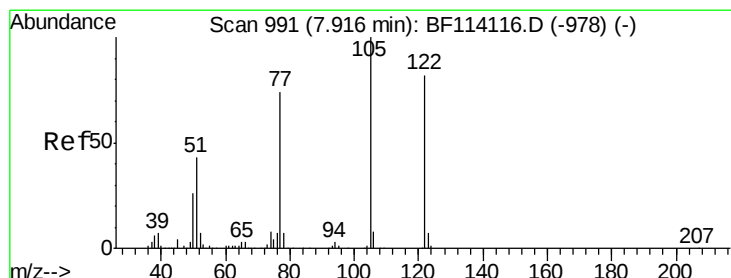
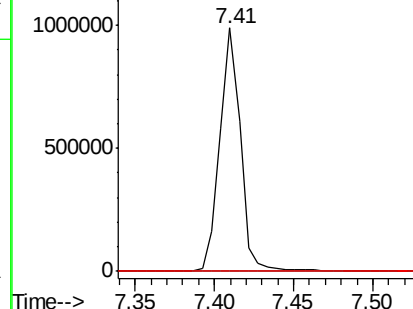
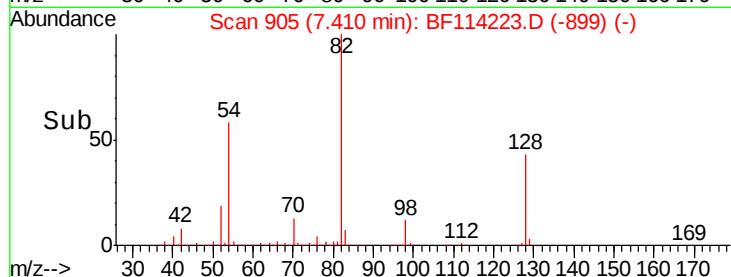
138 0.0 14.8 22.2#



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: 7.304 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.06 min

Lab File: BF114223.D

Acq: 13 May 2019 12:47

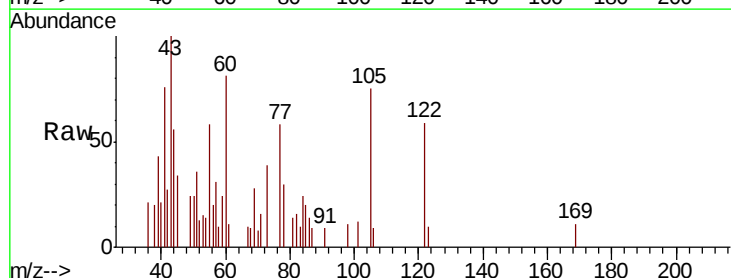
Tgt Ion: 122 Resp: 3828

Ion Ratio Lower Upper

122 100

105 128.2 99.9 139.9

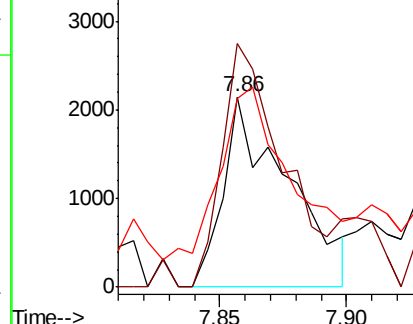
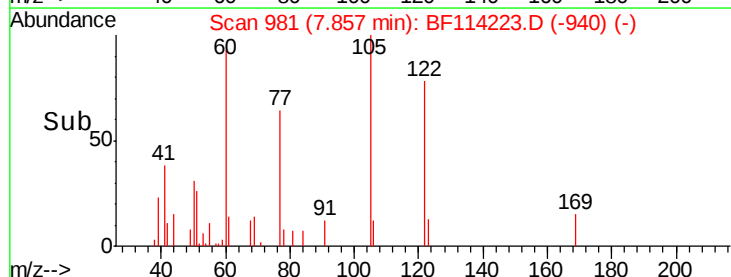
77 99.1 69.4 109.4

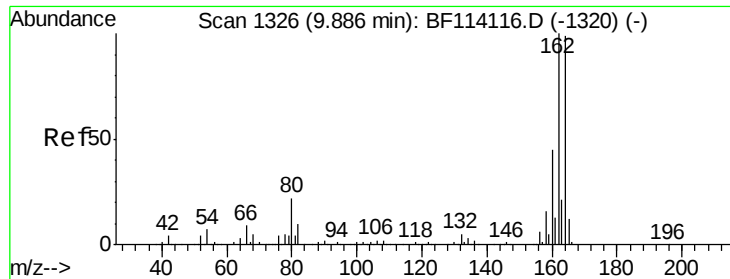


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

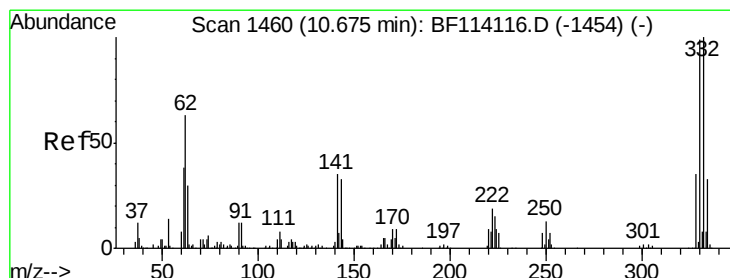
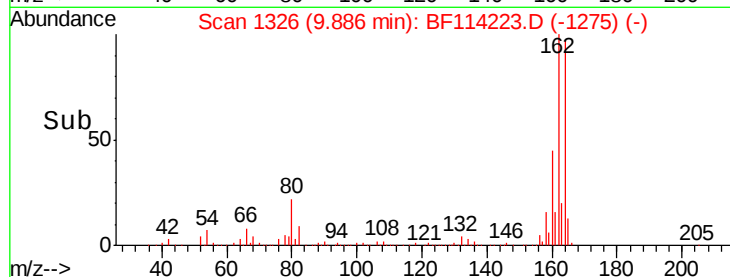
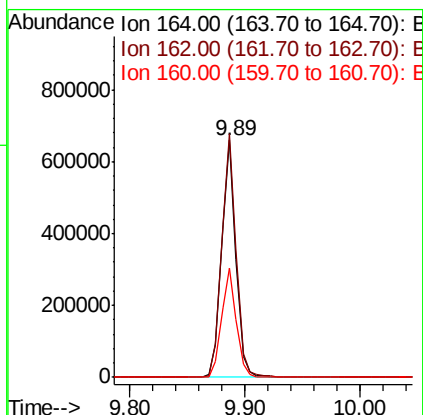
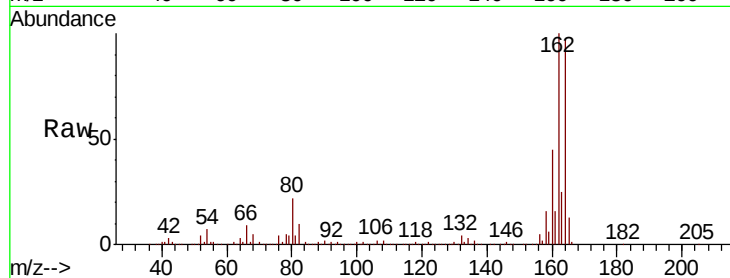




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF114223.D
 Acq: 13 May 2019 12:47

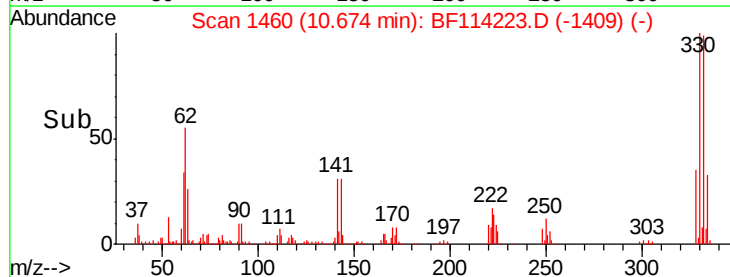
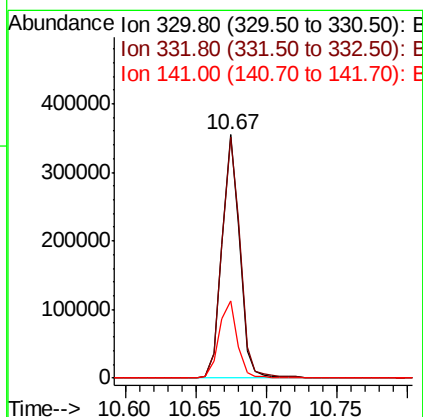
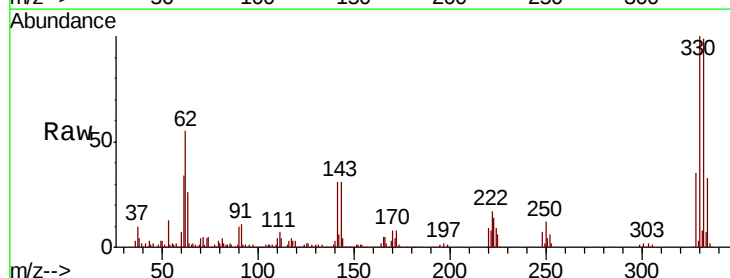
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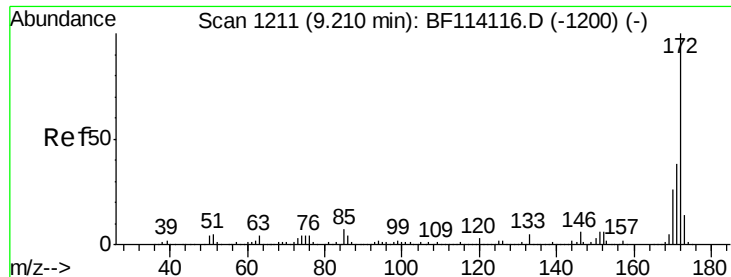
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.6	120.8
160	46.3	36.5	54.7



#42
 2,4,6-Tribromophenol
 Concen: 53.173 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF114223.D
 Acq: 13 May 2019 12:47

Tgt Ion	Ratio	Lower	Upper
330	100		
332	101.3	81.4	122.2
141	32.9	26.6	40.0

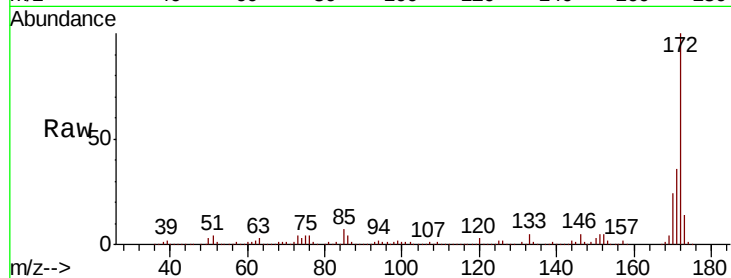




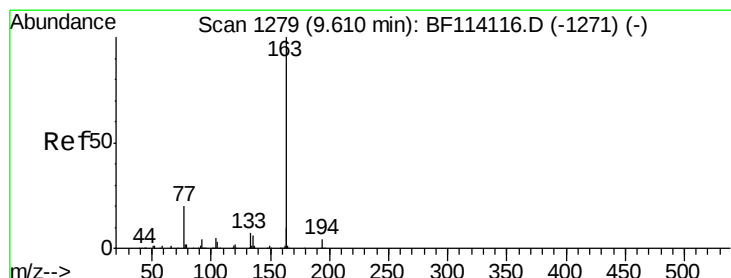
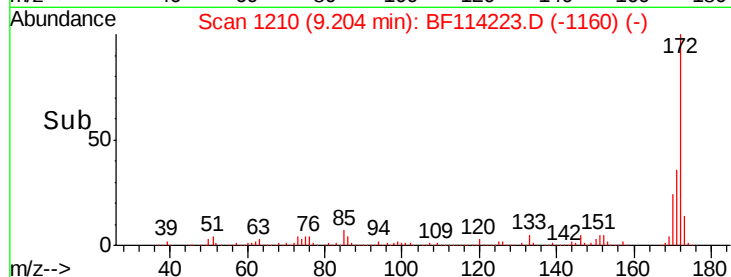
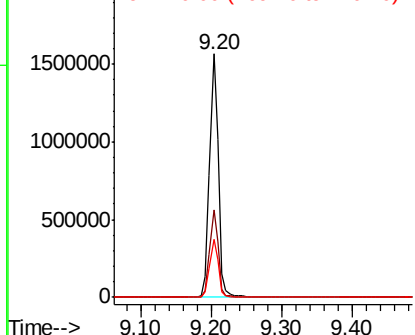
#45
 2-Fluorobiphenyl
 Concen: 35.946 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114223.D
 Acq: 13 May 2019 12:47

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01

Tgt Ion:172 Resp: 1343450
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.7 46.1
 170 23.7 20.5 30.7

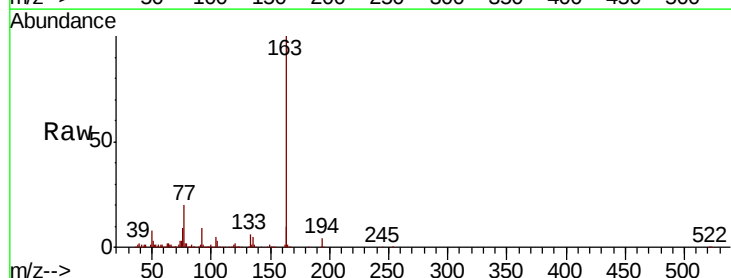


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

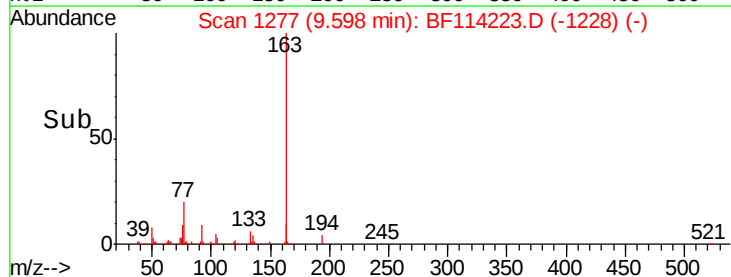
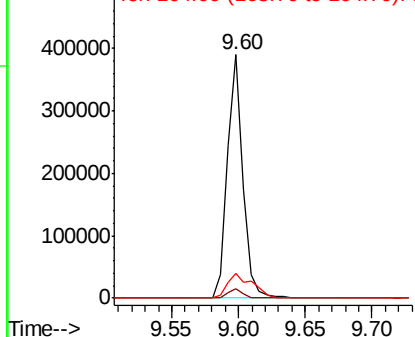


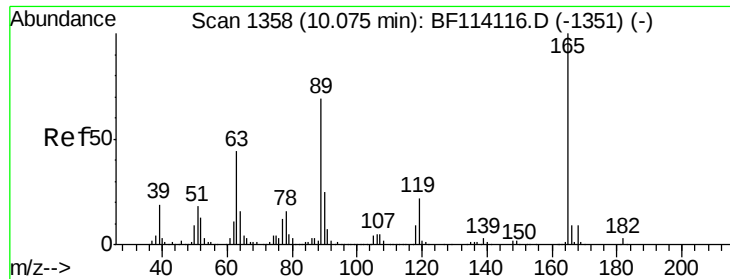
#50
 Dimethylphthalate
 Concen: 7.760 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF114223.D
 Acq: 13 May 2019 12:47

Tgt Ion:163 Resp: 322071
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.4 5.0
 164 10.2 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: 5.997 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.19 min

Lab File: BF114223.D

Acq: 13 May 2019 12:47

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01

Tgt Ion:165 Resp: 74931

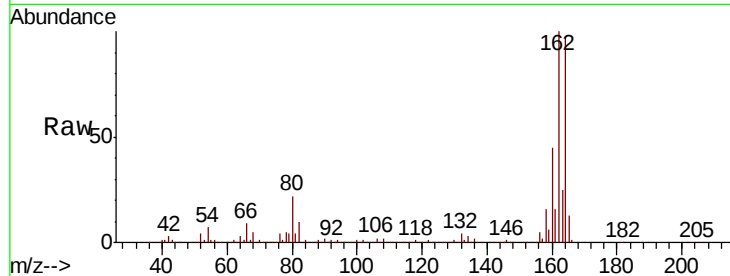
Ion Ratio Lower Upper

165 100

63 1.2 35.5 53.3#

89 1.5 55.2 82.8#

182 0.5 2.2 3.2#

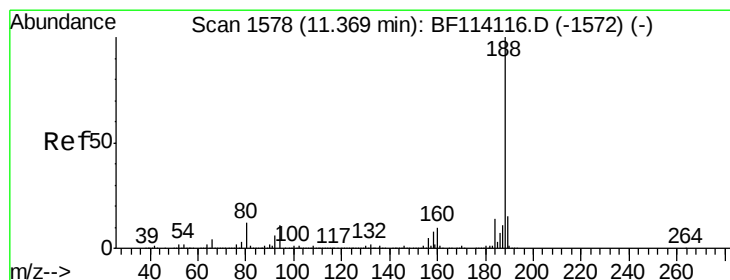
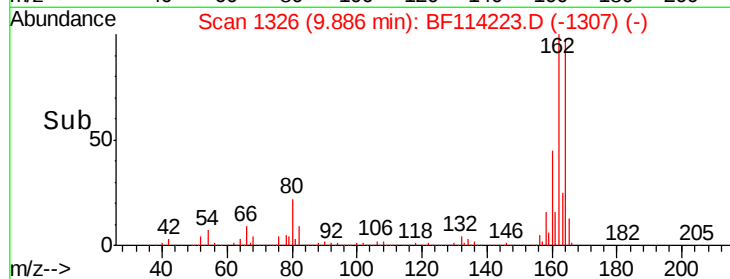
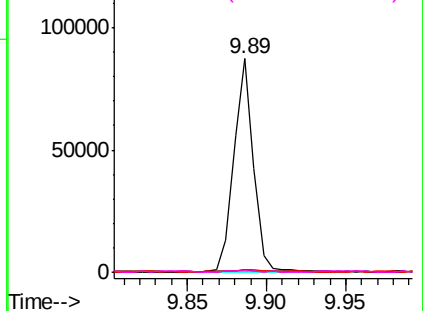


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF114223.D

Acq: 13 May 2019 12:47

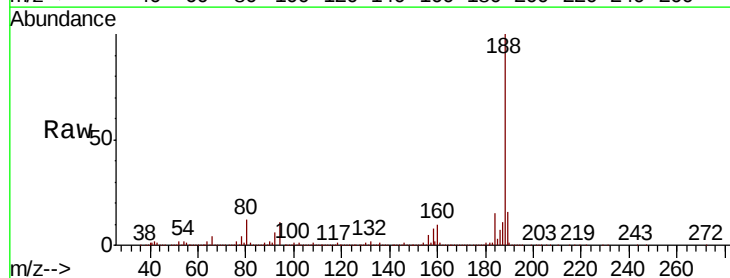
Tgt Ion:188 Resp: 1108237

Ion Ratio Lower Upper

188 100

94 11.3 8.4 12.6

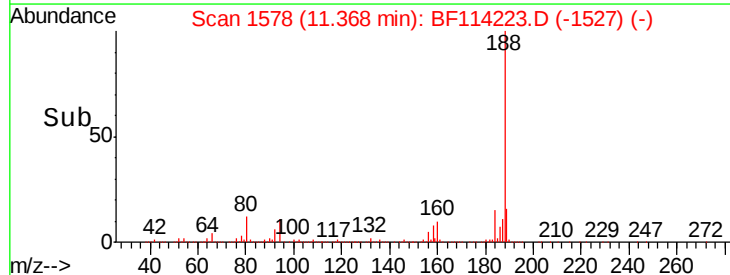
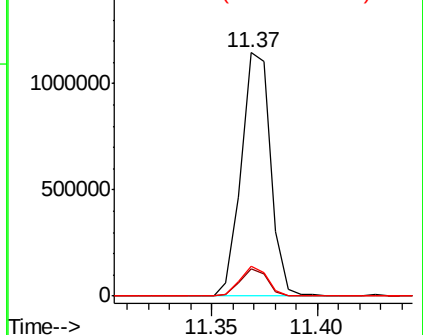
80 12.3 9.2 13.8

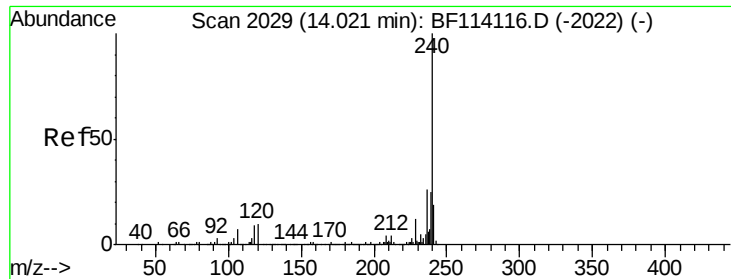


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

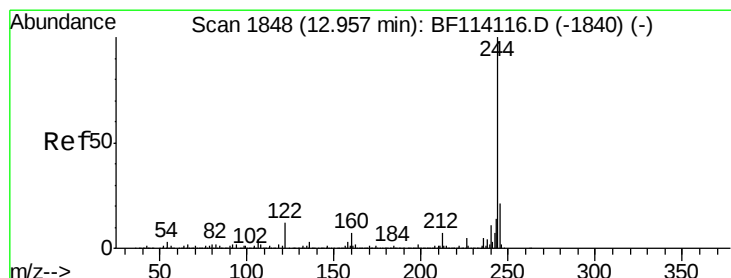
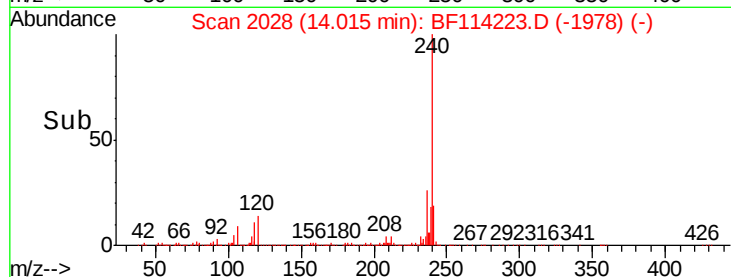
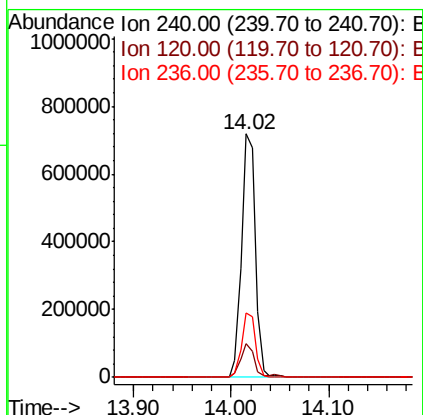
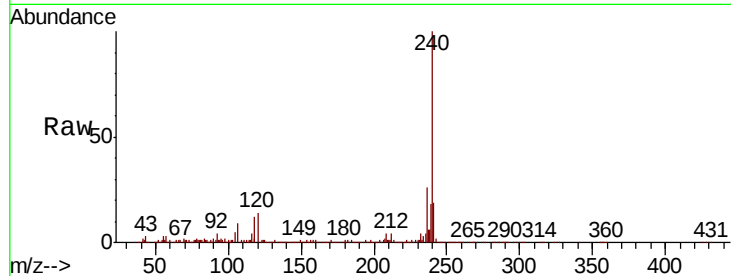




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF114223.D
Acq: 13 May 2019 12:47

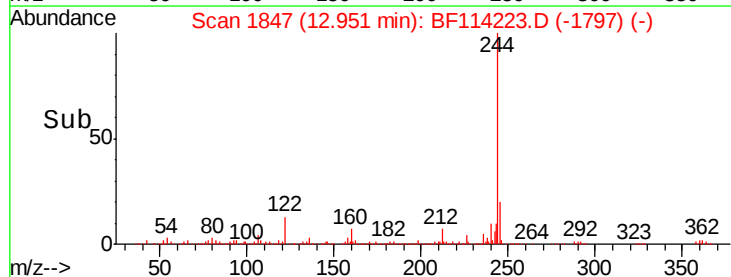
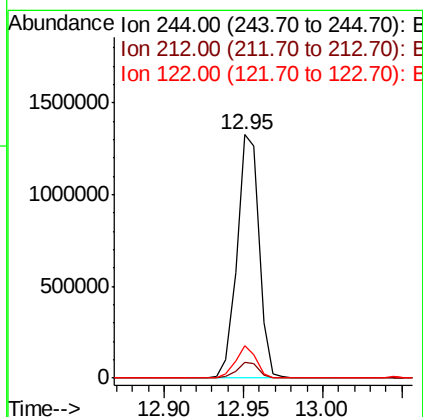
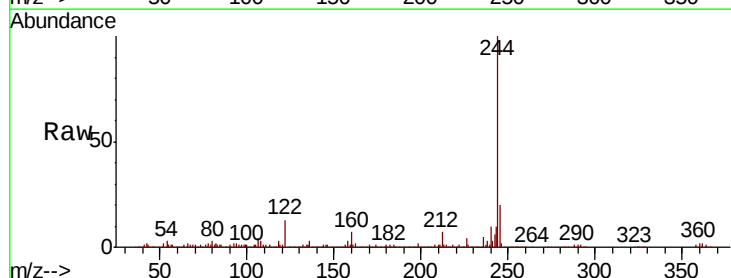
Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01

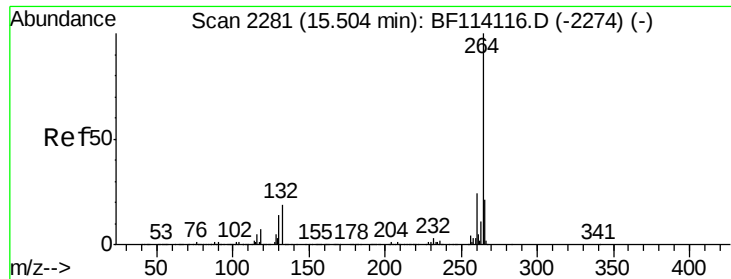
Tgt Ion:240 Resp: 710078
Ion Ratio Lower Upper
240 100
120 14.0 8.3 12.5#
236 26.5 20.8 31.2



#79
Terphenyl-d14
Concen: 37.050 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF114223.D
Acq: 13 May 2019 12:47

Tgt Ion:244 Resp: 1276222
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.6
122 13.4 9.4 14.2

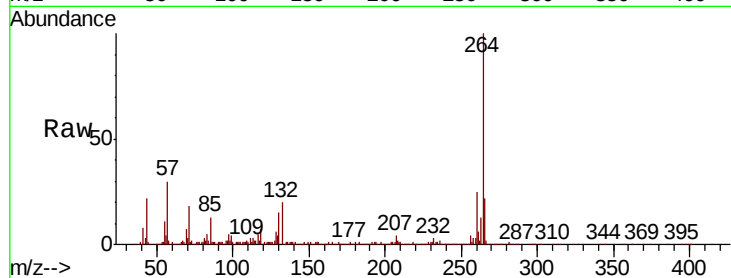




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF114223.D
Acq: 13 May 2019 12:47

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.0
265	22.5	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

