

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114314.D
 Acq On : 16 May 2019 17:34
 Operator : JU/SJ
 Sample : K2644-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051519-A

Quant Time: May 17 08:03:37 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	238536	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	924477	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	437719	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	848218	20.00	ng	0.00
76) Chrysene-d12	14.02	240	503428	20.00	ng	0.00
87) Perylene-d12	15.52	264	590651	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1436116	96.89	ng	0.02
7) Phenol-d6	6.50	99	1705020	97.26	ng	0.00
23) Nitrobenzene-d5	7.41	82	1295499	78.64	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	500865	110.68	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2231813	77.13	ng	0.00
79) Terphenyl-d14	12.96	244	1946743	79.72	ng	0.00

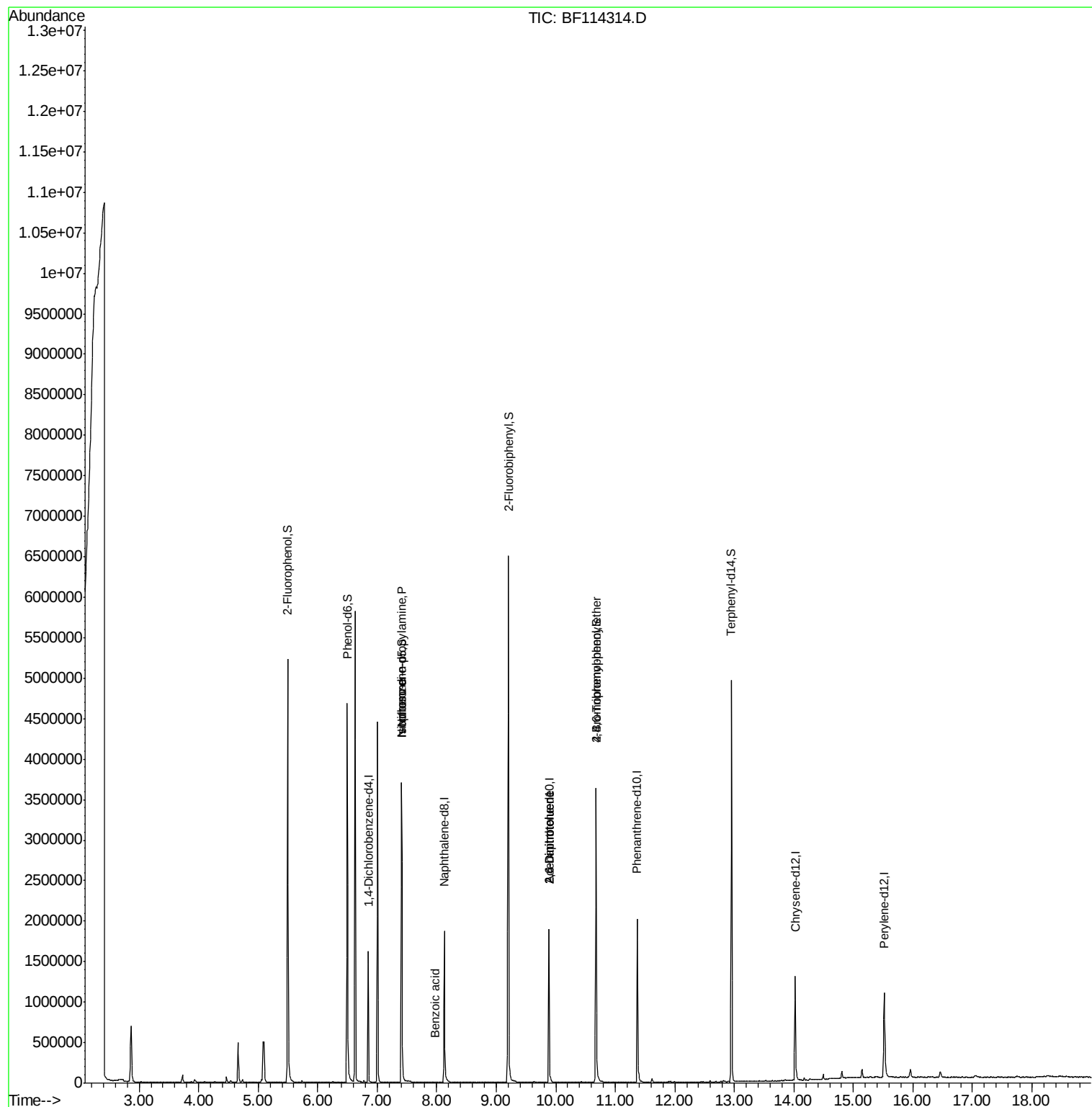
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	168289	15.145	ng	# 75
25) Isophorone	7.41	82	1295484	42.404	ng	# 64
32) Benzoic acid	7.97	122	244	7.044	ng	93
51) 2,6-Dinitrotoluene	9.88	165	55005	7.718	ng	# 23
57) 2,4-Dinitrotoluene	9.88	165	55005	5.686	ng	# 26
67) 4-Bromophenyl-phenylether	10.67	248	32111	3.438	ng	# 1

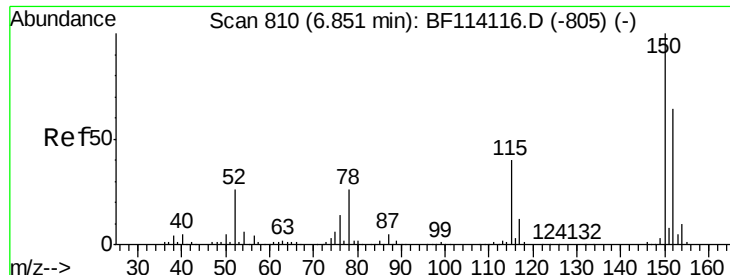
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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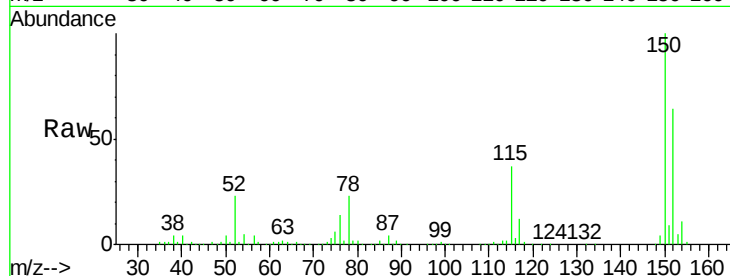


#1

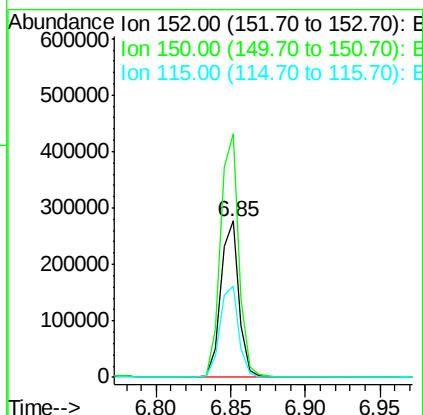
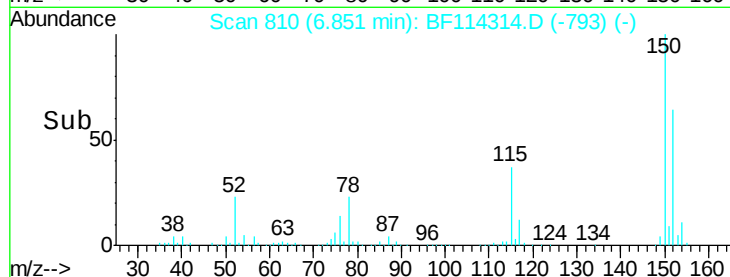
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF114314.D
Acq: 16 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
EO-01-051519-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.3	186.5
115	58.3	49.1	73.7



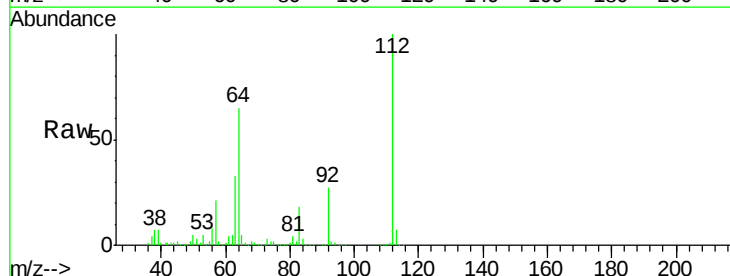
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



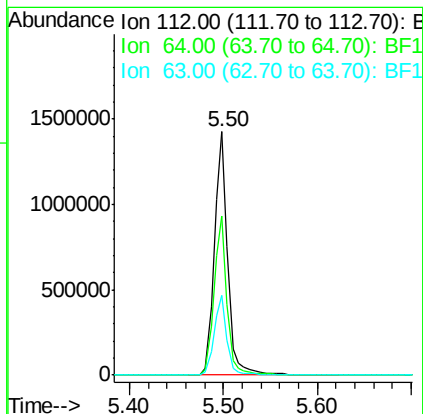
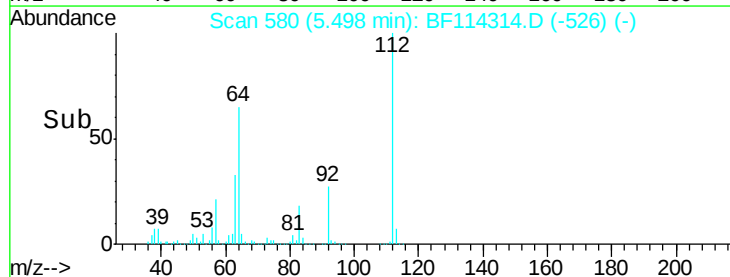
#5

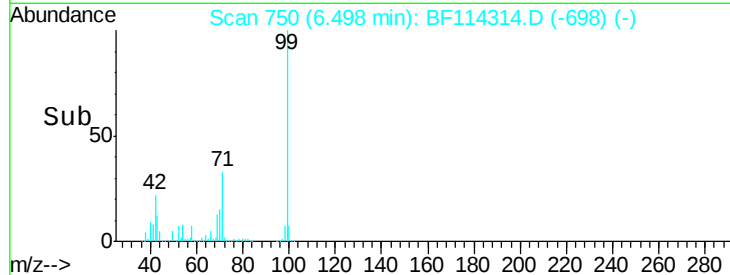
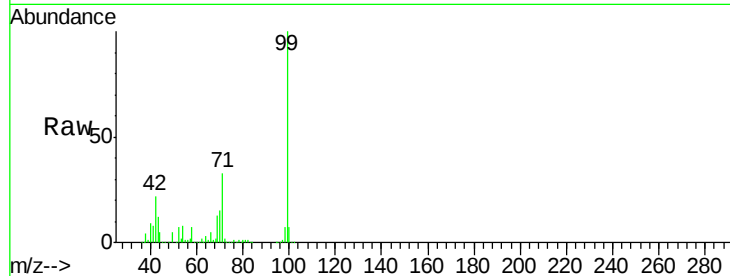
2-Fluorophenol
Concen: 96.886 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF114314.D
Acq: 16 May 2019 17:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	49.0	73.6
63	32.9	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: 97.256 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114314.D

Acq: 16 May 2019 17:34

Instrument :

BNA_F

ClientSampleId :

EO-01-051519-A

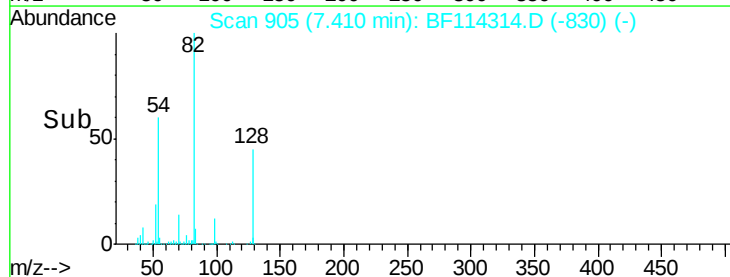
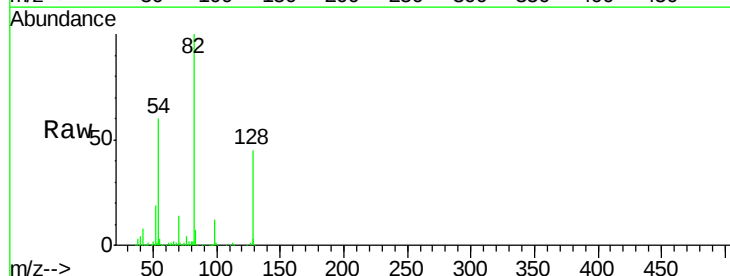
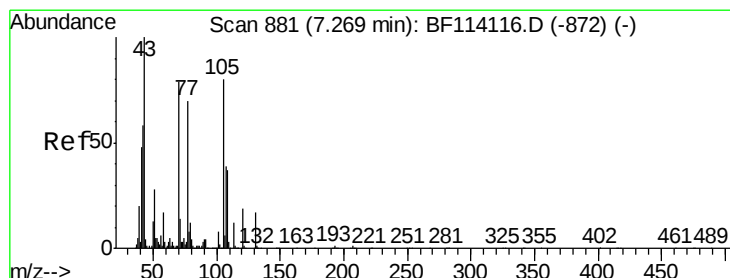
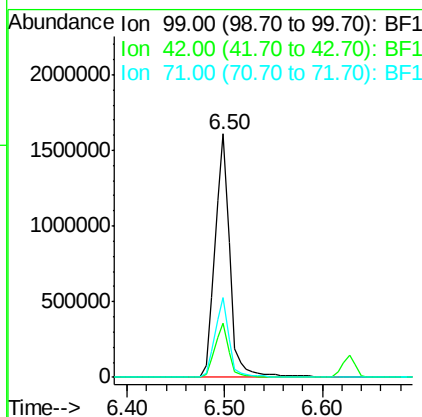
Tot Ion: 99 Resp: 1705020

Ion Ratio Lower Upper

99 100

42 22.2 17.9 26.9

71 32.6 26.2 39.2



#19

n-Nitroso-di-n-propylamine

Concen: 15.145 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114314.D

Acq: 16 May 2019 17:34

Tgt Ion: 70 Resp: 168289

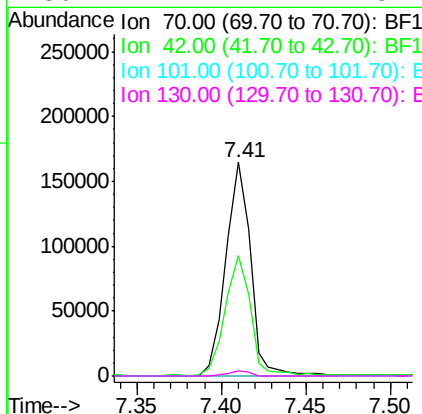
Ion Ratio Lower Upper

70 100

42 56.4 58.6 87.8#

101 0.0 7.8 11.8#

130 2.2 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: BF114314.D

Acq: 16 May 2019 17:34

Instrument :

BNA_F

ClientSampleId :

EO-01-051519-A

Tot Ion:136 Resp: 924477

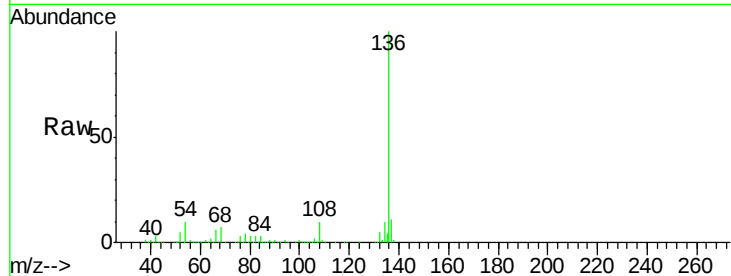
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 10.1 7.8 11.8

68 6.8 5.1 7.7

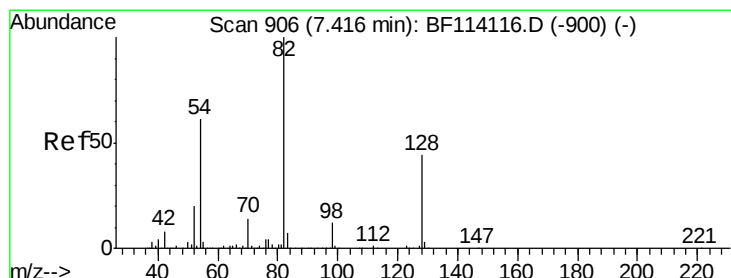
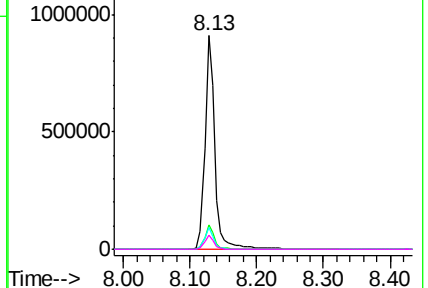
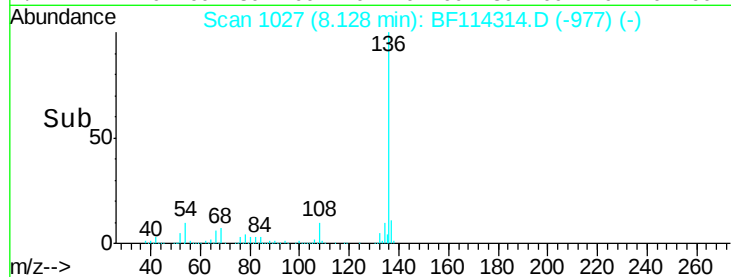


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.643 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF114314.D

Acq: 16 May 2019 17:34

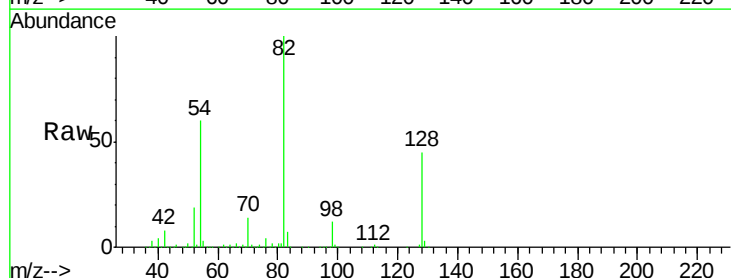
Tgt Ion: 82 Resp: 1295499

Ion Ratio Lower Upper

82 100

128 45.0 35.5 53.3

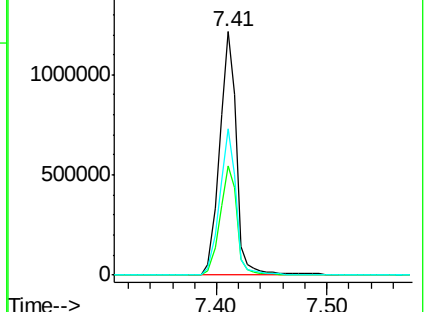
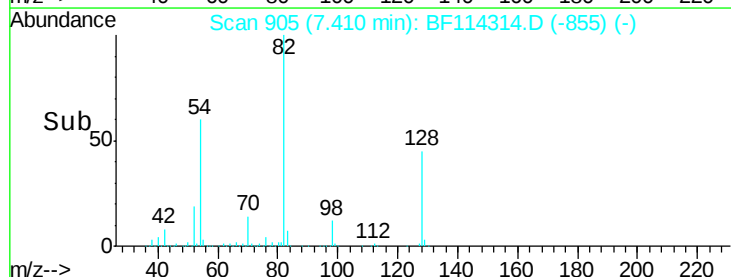
54 60.3 48.5 72.7



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: 42.404 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114314.D

Acq: 16 May 2019 17:34

Instrument :

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EO-01-051519-A

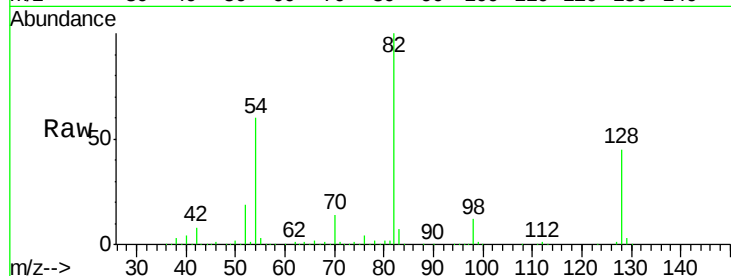
Tot Ion: 82 Resp: 1295484

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

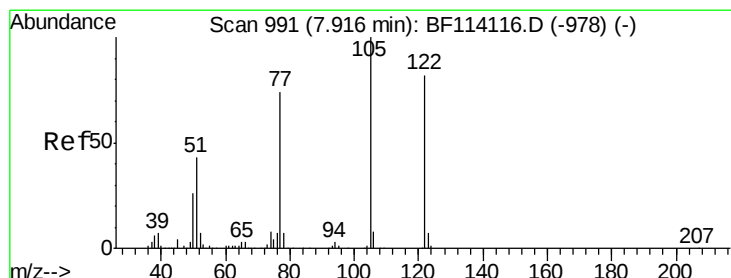
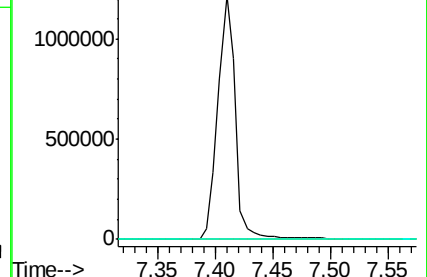
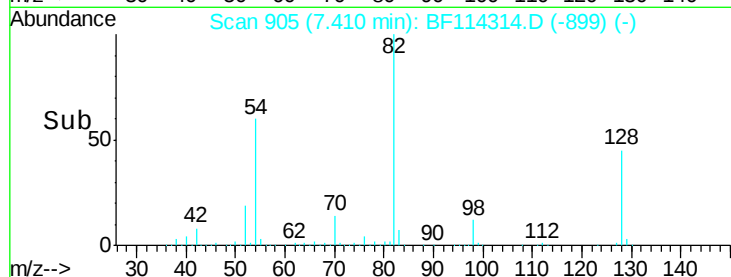
138 0.0 14.8 22.2#



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: 7.044 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.05 min

Lab File: BF114314.D

Acq: 16 May 2019 17:34

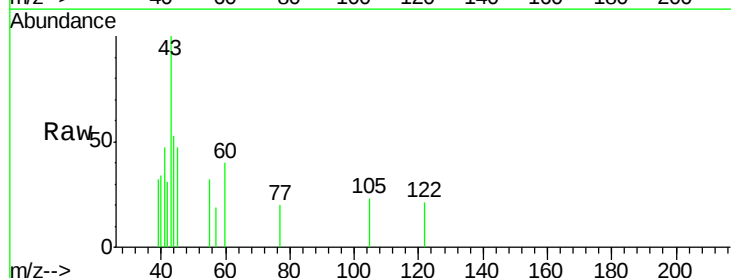
Tgt Ion:122 Resp: 244

Ion Ratio Lower Upper

122 100

105 109.0 99.9 139.9

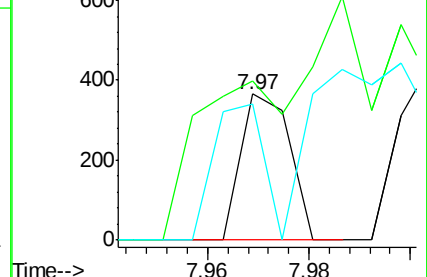
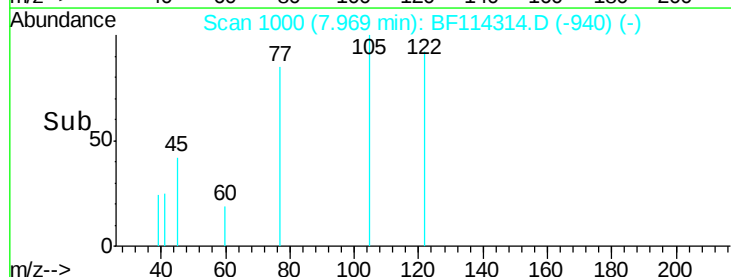
77 93.2 69.4 109.4

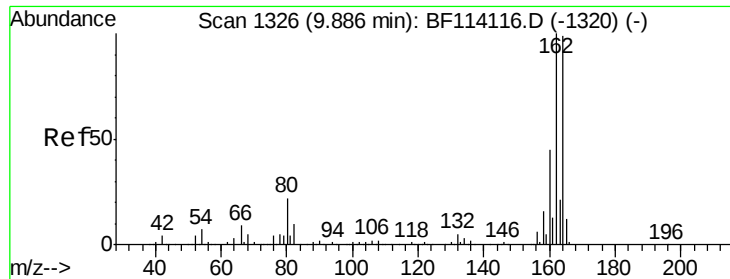


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

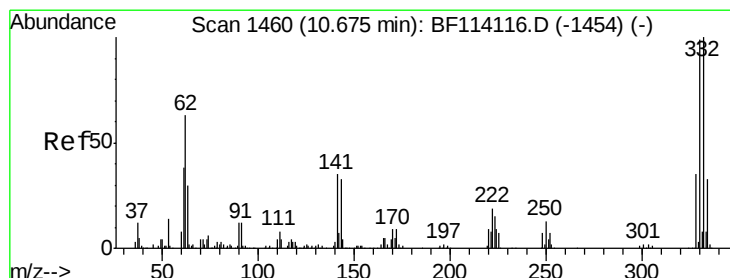
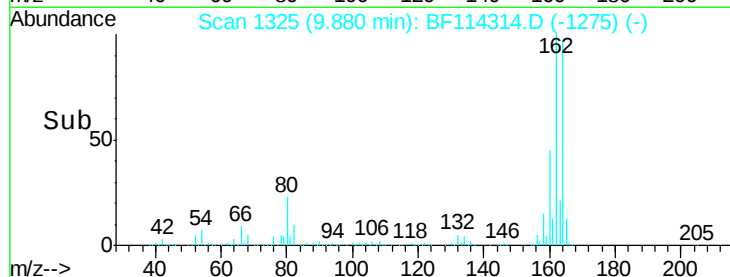
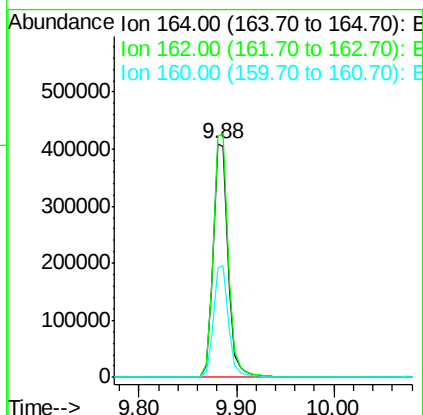
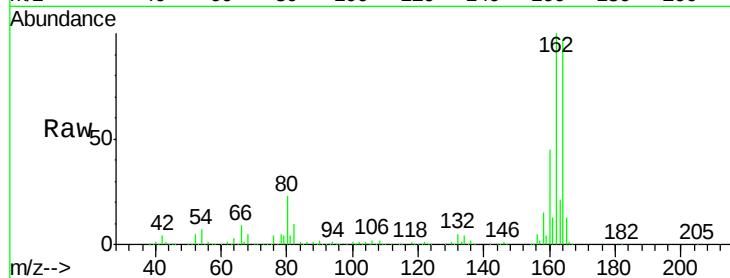




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF114314.D
 Acq: 16 May 2019 17:34

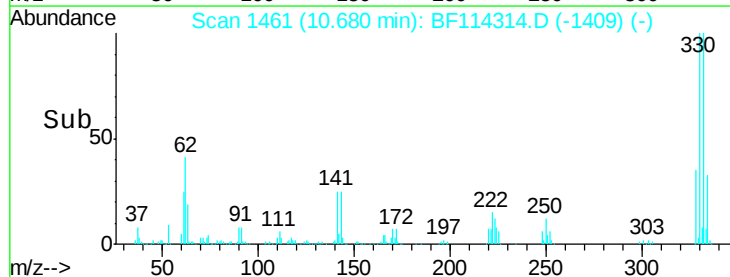
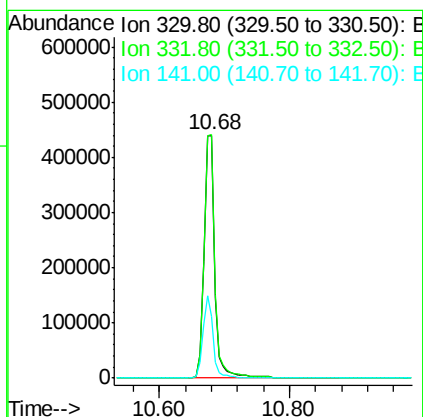
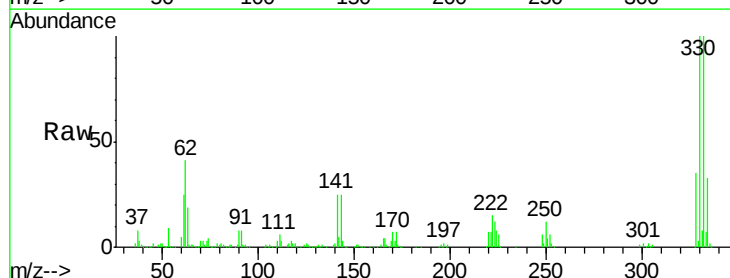
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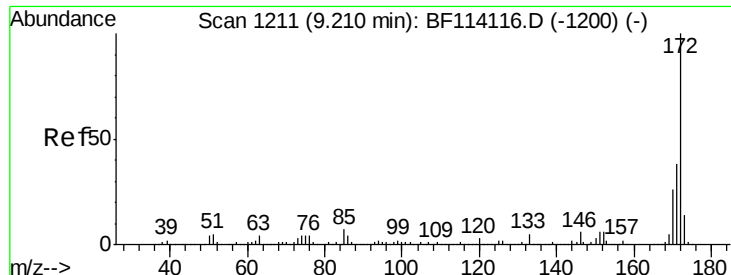
Tot Ion:164 Resp: 437719
 Ion Ratio Lower Upper
 164 100
 162 103.0 80.6 120.8
 160 46.5 36.5 54.7



#42
 2,4,6-Tribromophenol
 Concen: 110.682 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.01 min
 Lab File: BF114314.D
 Acq: 16 May 2019 17:34

Tgt Ion:330 Resp: 500865
 Ion Ratio Lower Upper
 330 100
 332 100.4 81.4 122.2
 141 32.0 26.6 40.0



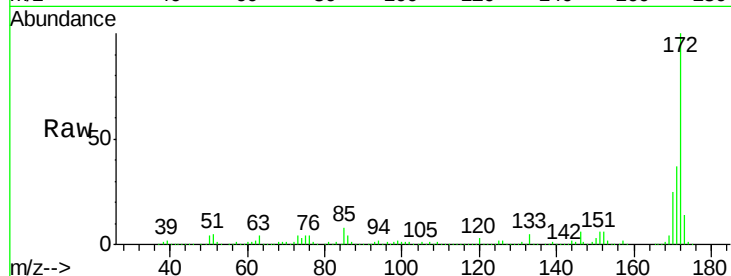


#45
 2-Fluorobiphenyl
 Concen: 77.127 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114314.D
 Acq: 16 May 2019 17:34

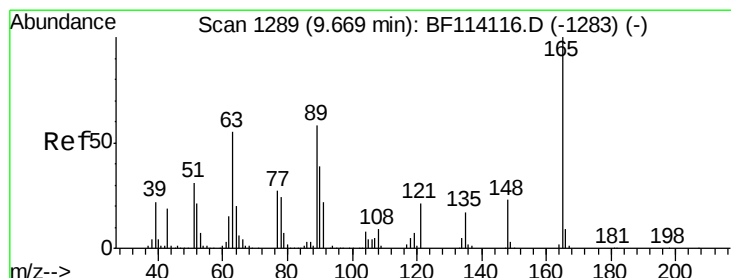
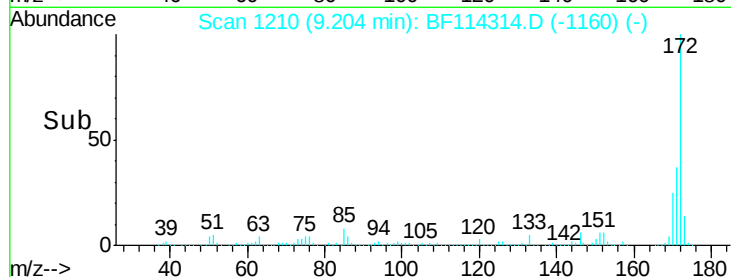
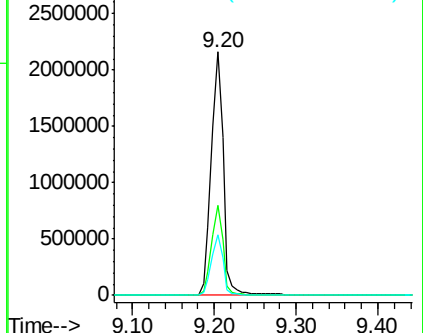
Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051519-A

Tot Ion:172 Resp: 2231813

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.7	46.1
170	24.7	20.5	30.7



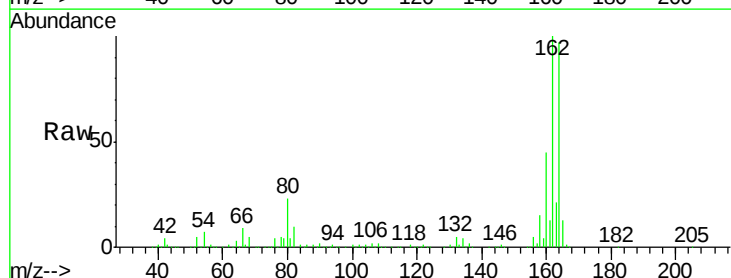
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



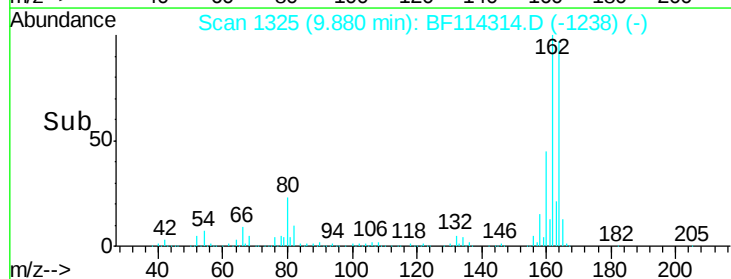
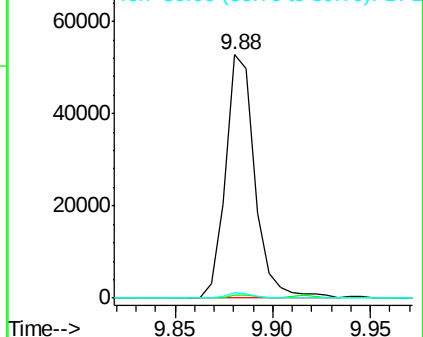
#51
 2,6-Dinitrotoluene
 Concen: 7.718 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.21 min
 Lab File: BF114314.D
 Acq: 16 May 2019 17:34

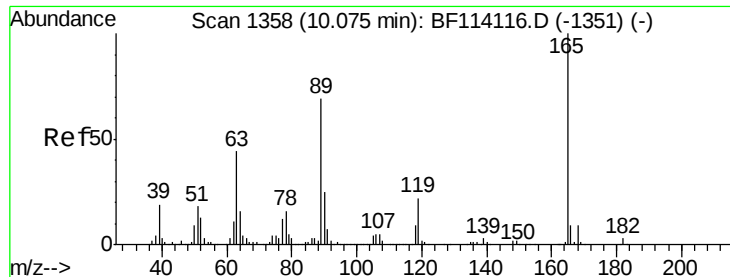
Tgt Ion:165 Resp: 55005

Ion	Ratio	Lower	Upper
165	100		
63	1.4	50.2	75.4#
89	2.1	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: 5.686 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.19 min

Lab File: BF114314.D

Acq: 16 May 2019 17:34

Instrument :

BNA_F

ClientSampleId :

EO-01-051519-A

Tot Ion:165 Resp: 55005

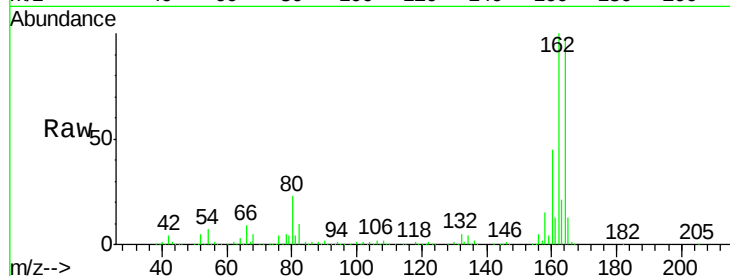
Ion Ratio Lower Upper

165 100

63 1.4 35.5 53.3#

89 2.1 55.2 82.8#

182 0.6 2.2 3.2#

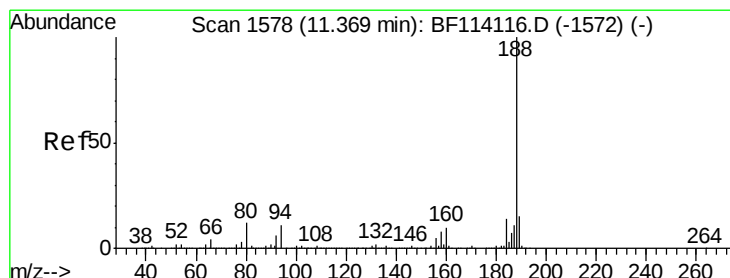
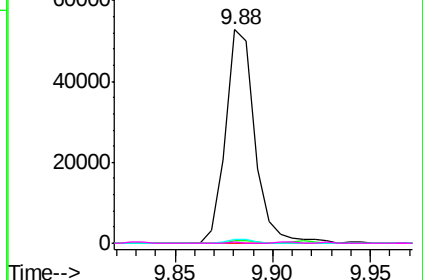
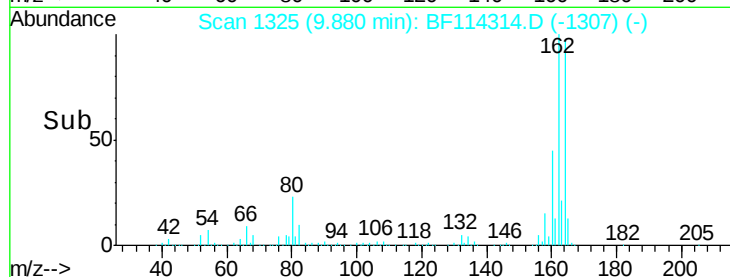


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF114314.D

Acq: 16 May 2019 17:34

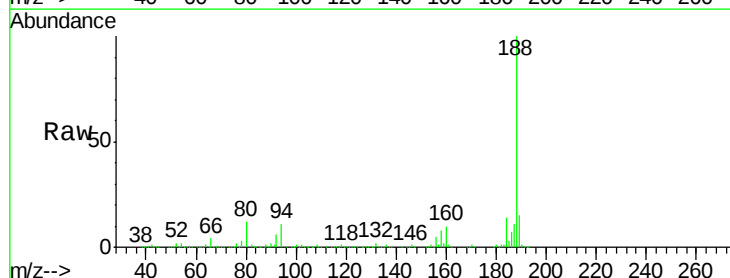
Tgt Ion:188 Resp: 848218

Ion Ratio Lower Upper

188 100

94 11.2 8.4 12.6

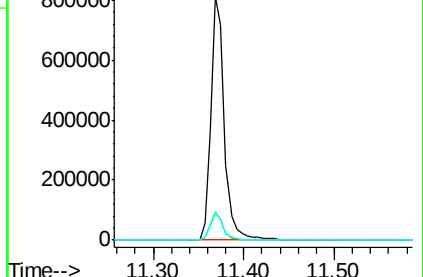
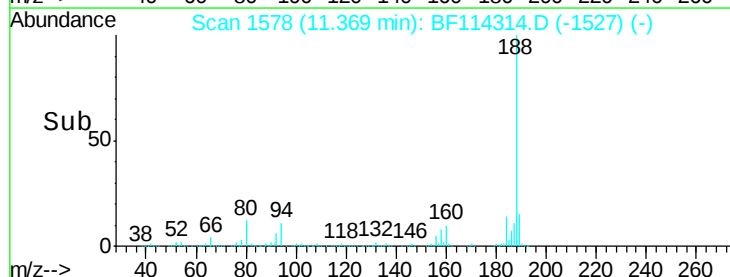
80 11.7 9.2 13.8

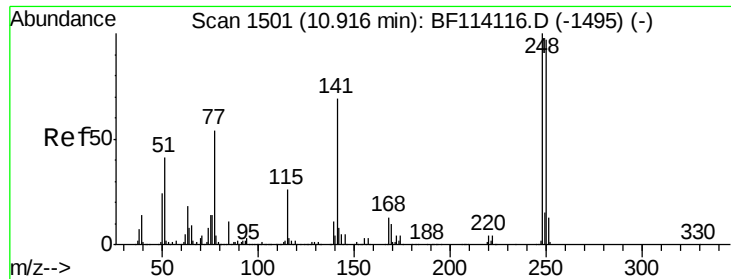


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#67

4-Bromophenyl-phenylether

Concen: 3.438 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.24 min

Lab File: BF114314.D

Acq: 16 May 2019 17:34

Instrument :

BNA_F

ClientSampleId :

EO-01-051519-A

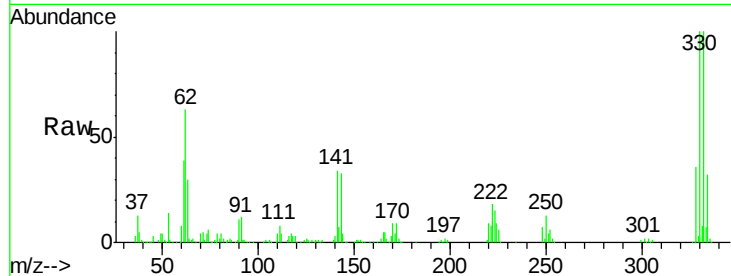
Tot Ion:248 Resp: 32111

Ion Ratio Lower Upper

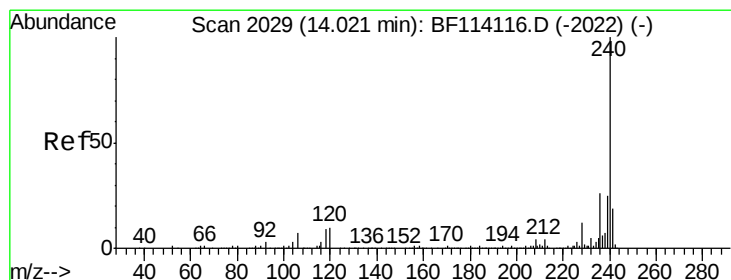
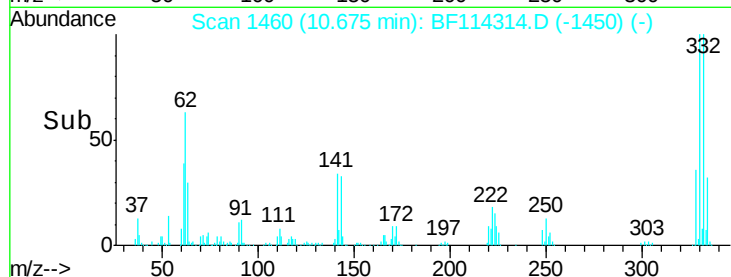
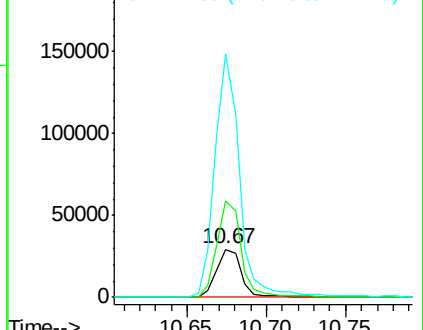
248 100

250 200.8 77.4 116.2#

141 506.7 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: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF114314.D

Acq: 16 May 2019 17:34

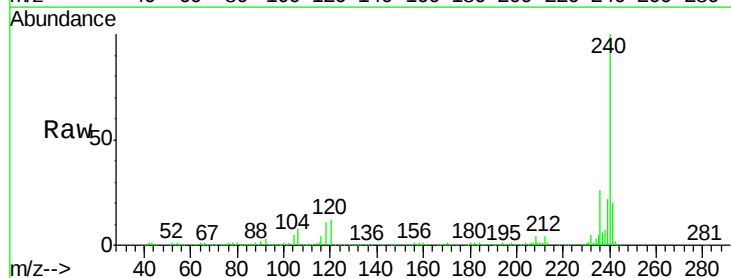
Tgt Ion:240 Resp: 503428

Ion Ratio Lower Upper

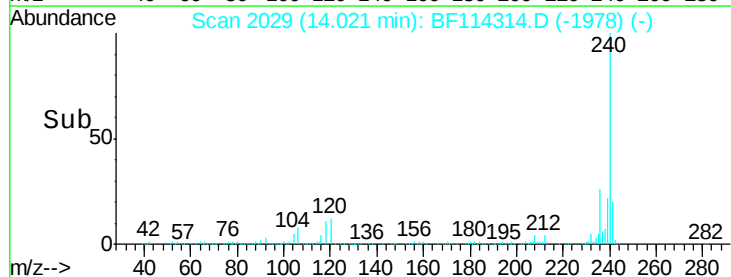
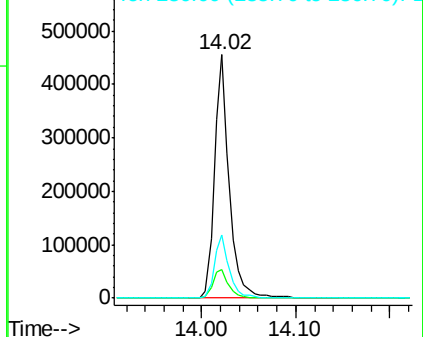
240 100

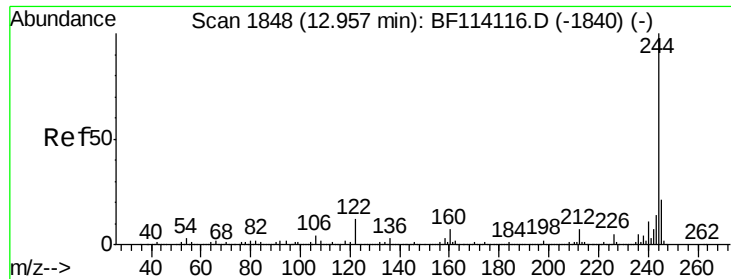
120 11.7 8.3 12.5

236 25.7 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: 79.715 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF114314.D

Acq: 16 May 2019 17:34

Instrument :

BNA_F

ClientSampleId :

EO-01-051519-A

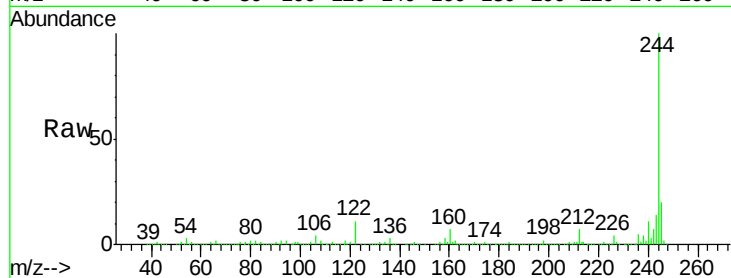
Tot Ion:244 Resp: 1946743

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

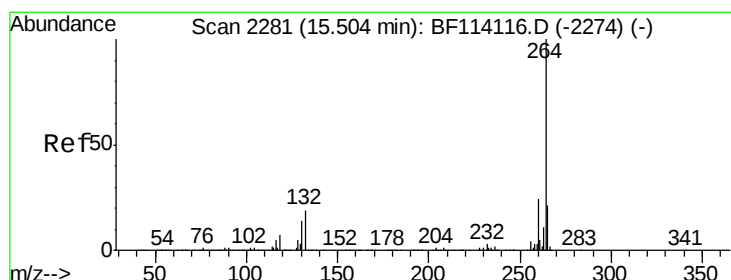
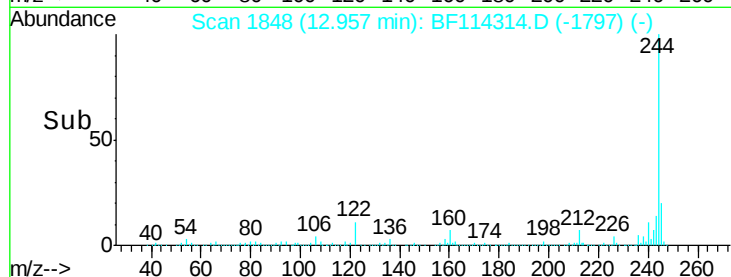
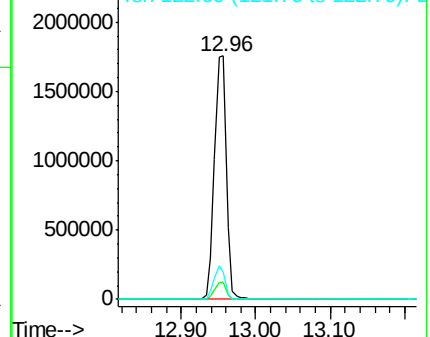
122 11.4 9.4 14.2



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: 15.52 min Scan# 2283

Delta R.T. 0.01 min

Lab File: BF114314.D

Acq: 16 May 2019 17:34

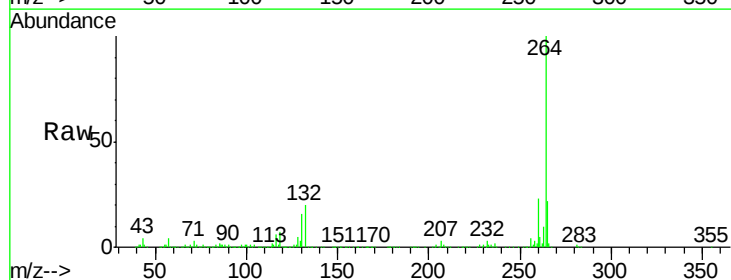
Tgt Ion:264 Resp: 590651

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.0

265 21.6 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

