

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
 Data File : BF114409.D
 Acq On : 19 May 2019 00:33
 Operator : JU/SJ
 Sample : K2896-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 04:13:10 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

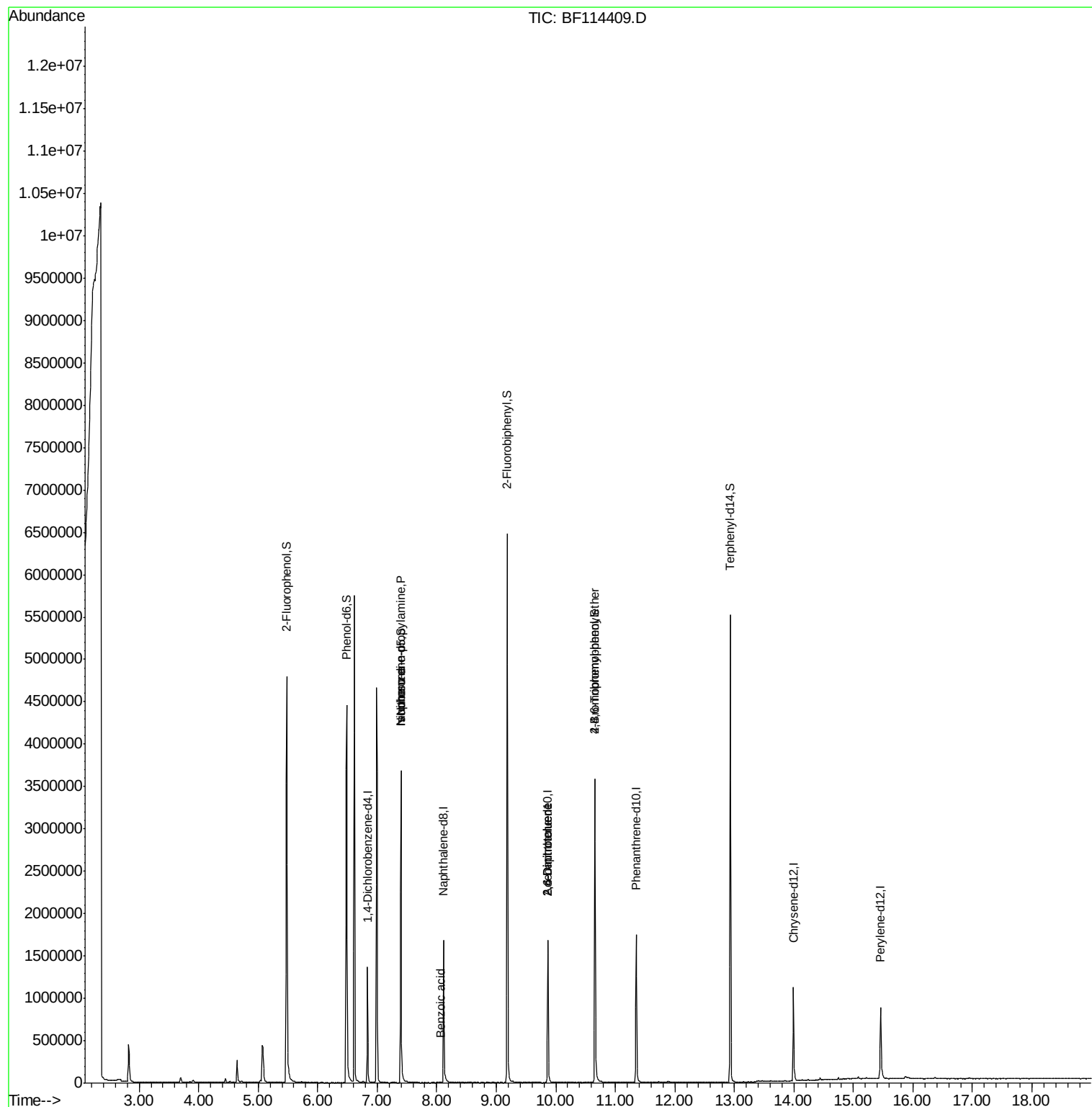
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	216422	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	818203	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	373595	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	701506	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	410265	20.00	ng	-0.03
87) Perylene-d12	15.46	264	478792	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1413380	105.10	ng	0.00
7) Phenol-d6	6.49	99	1671626	105.09	ng	0.00
23) Nitrobenzene-d5	7.40	82	1234650	84.68	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	480988	124.53	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	2132655	86.35	ng	-0.02
79) Terphenyl-d14	12.93	244	1906641	95.80	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	162864	16.154	ng	# 77
25) Isophorone	7.40	82	1234644	45.661	ng	# 64
32) Benzoic acid	8.05	122	483	7.072	ng	# 87
51) 2,6-Dinitrotoluene	9.87	165	47631	7.830	ng	# 22
57) 2,4-Dinitrotoluene	9.87	165	47632	5.769	ng	# 25
67) 4-Bromophenyl-phenylether	10.66	248	31322	4.055	ng	# 1

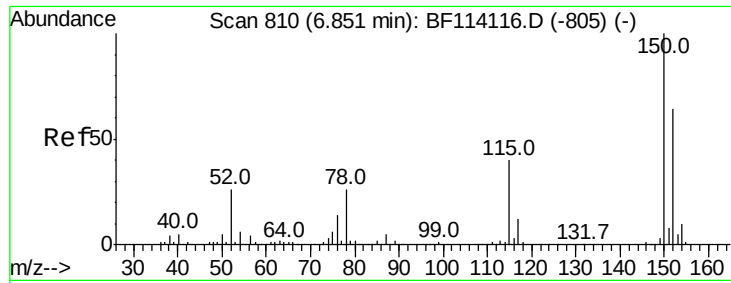
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 20 04:13:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



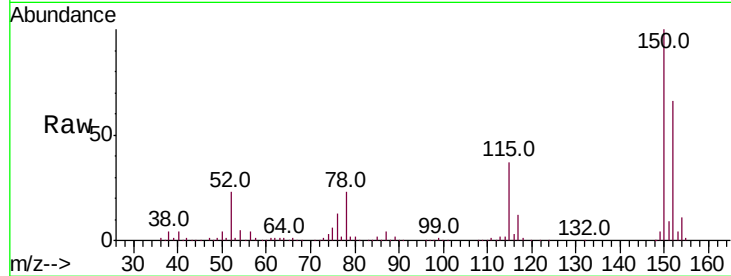


#1

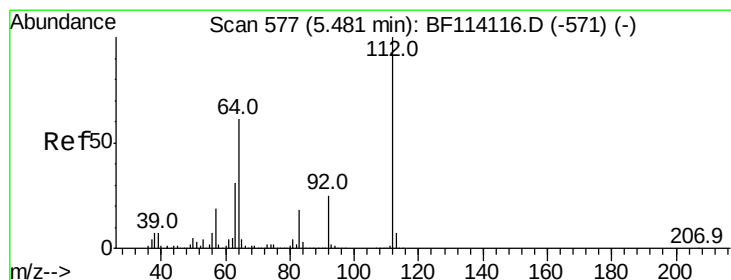
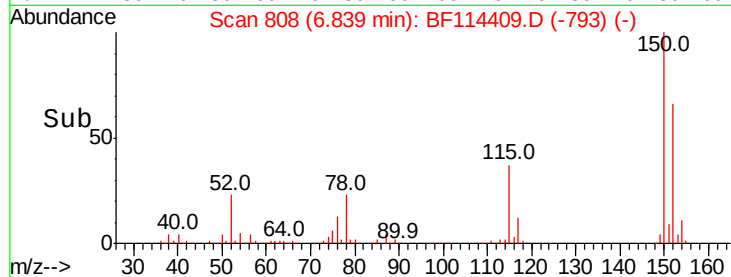
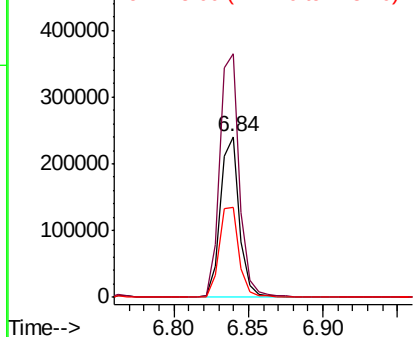
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF114409.D
Acq: 19 May 2019 00:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 216422
Ion Ratio Lower Upper
152 100
150 151.4 124.3 186.5
115 55.6 49.1 73.7



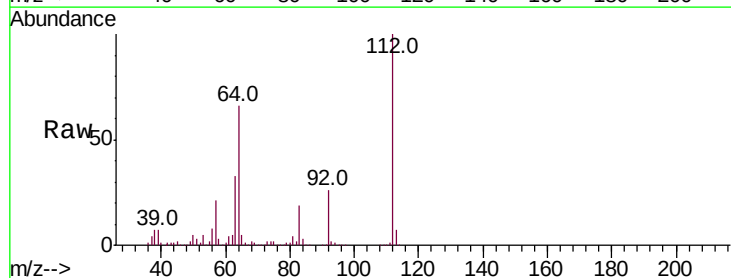
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



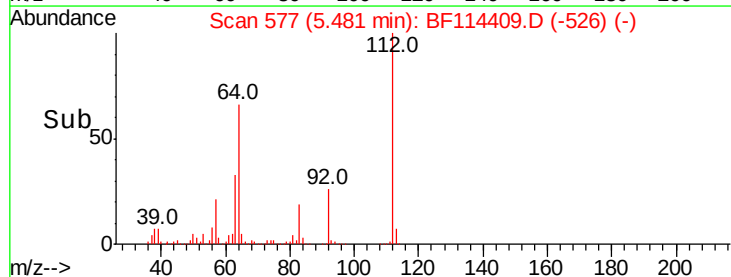
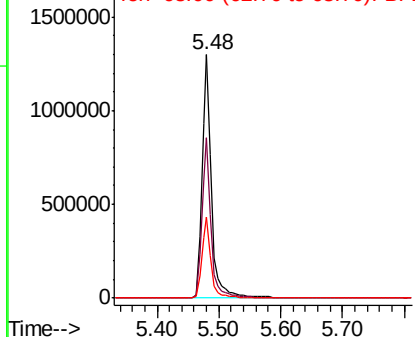
#5

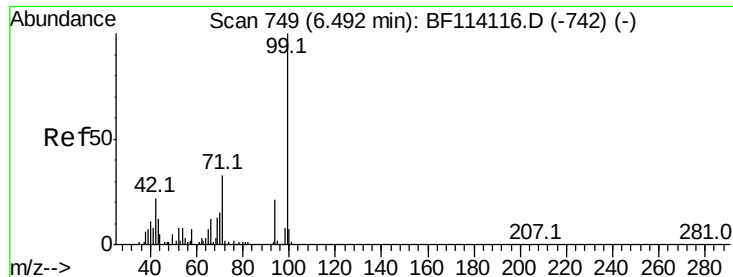
2-Fluorophenol
Concen: 105.095 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114409.D
Acq: 19 May 2019 00:33

Tgt Ion:112 Resp: 1413380
Ion Ratio Lower Upper
112 100
64 65.9 49.0 73.6
63 33.3 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: 105.094 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114409.D

Acq: 19 May 2019 00:33

Instrument :

BNA_F

ClientSampleId :

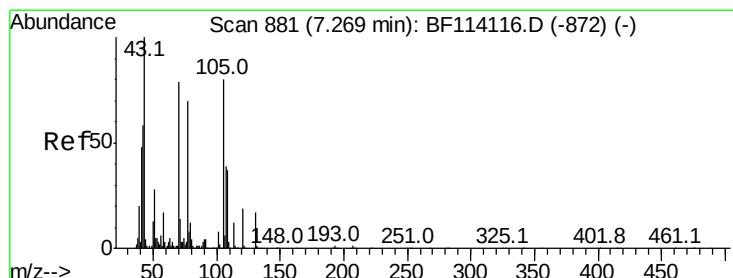
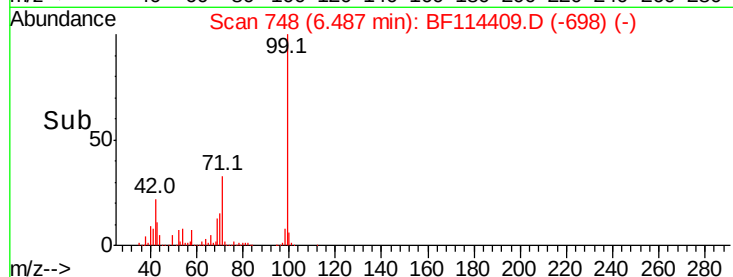
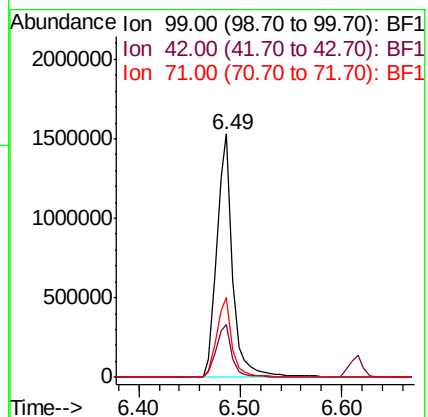
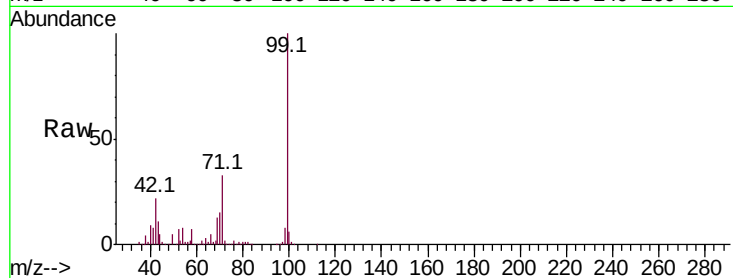
Tot Ion: 99 Resp: 1671626

Ion Ratio Lower Upper

99 100

42 21.7 17.9 26.9

71 32.8 26.2 39.2



#19

n-Nitroso-di-n-propylamine

Concen: 16.154 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF114409.D

Acq: 19 May 2019 00:33

Tgt Ion: 70 Resp: 162864

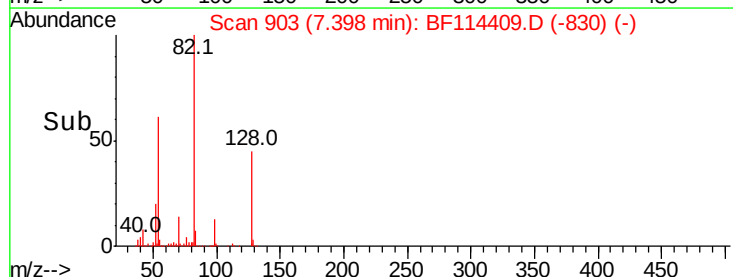
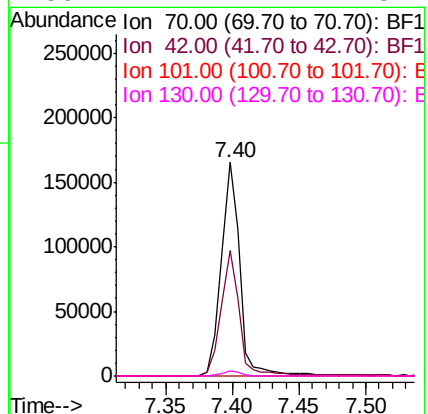
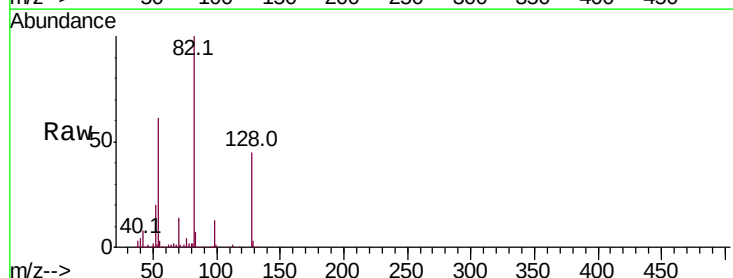
Ion Ratio Lower Upper

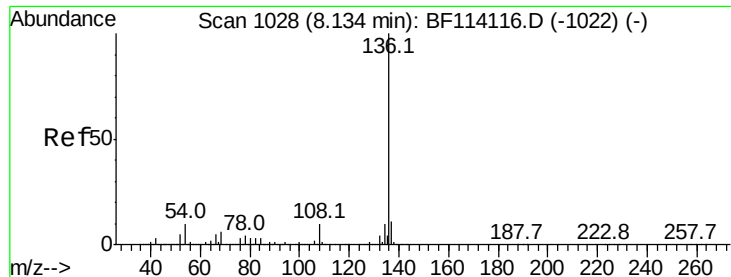
70 100

42 58.7 58.6 87.8

101 0.0 7.8 11.8#

130 2.4 17.1 25.7#

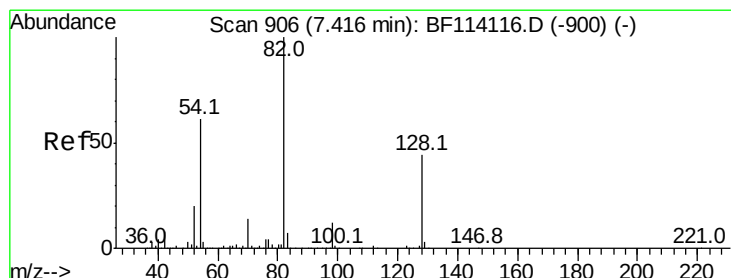
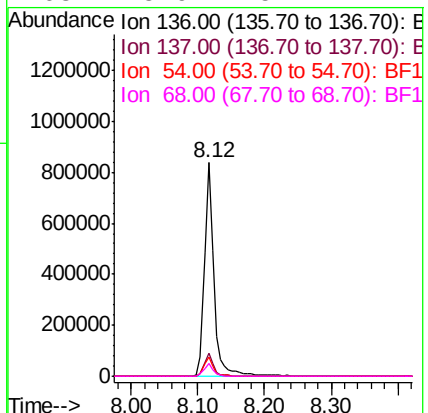
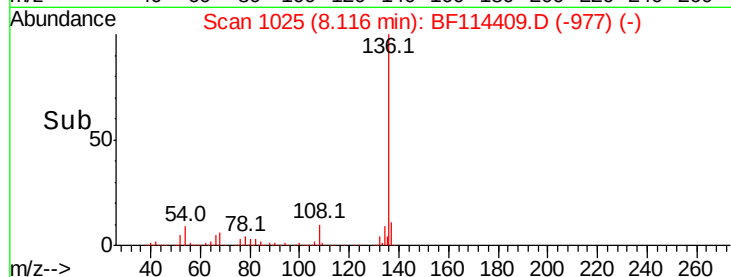
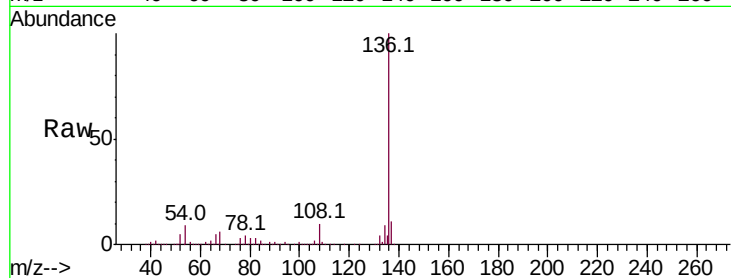




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF114409.D
Acq: 19 May 2019 00:33

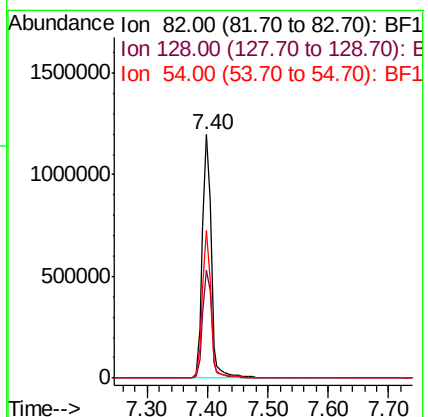
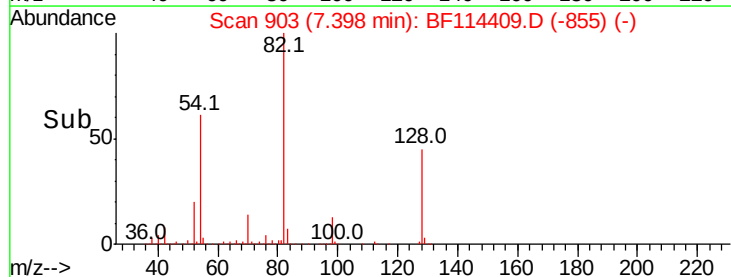
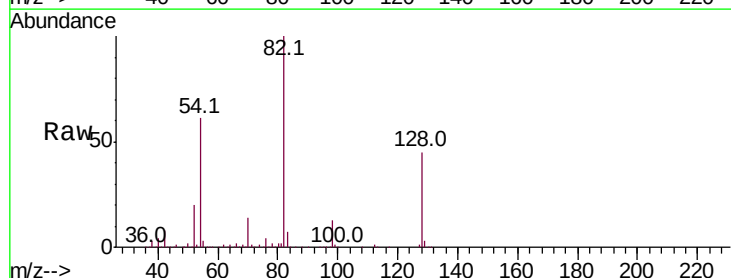
Instrument :
BNA_F
ClientSampleId :

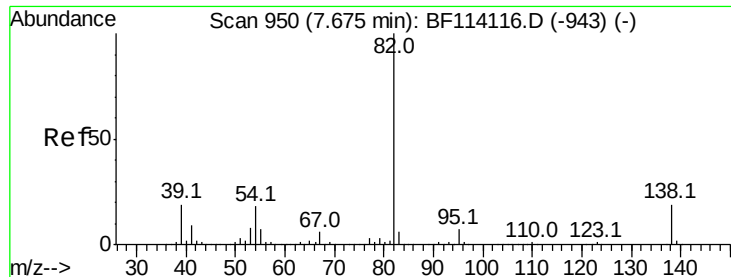
Tot Ion:136	Resp:	818203
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.8 13.2
54	9.1	7.8 11.8
68	5.9	5.1 7.7



#23
Nitrobenzene-d5
Concen: 84.684 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF114409.D
Acq: 19 May 2019 00:33

Tgt Ion: 82	Resp:	1234650
Ion	Ratio	Lower Upper
82	100	
128	44.6	35.5 53.3
54	60.8	48.5 72.7





#25

Isophorone

Concen: 45.661 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF114409.D

Acq: 19 May 2019 00:33

Instrument :

BNA_F

ClientSampleId :

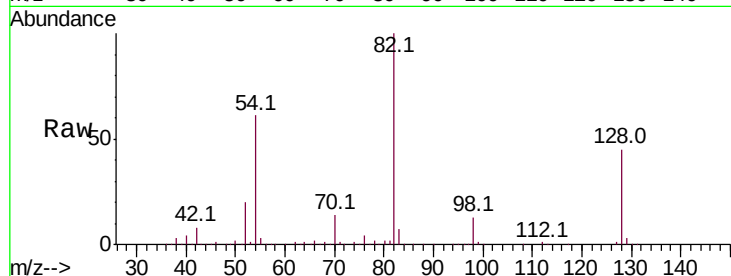
Tot Ion: 82 Resp: 1234644

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

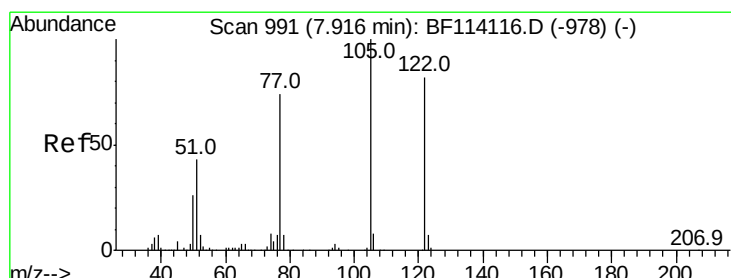
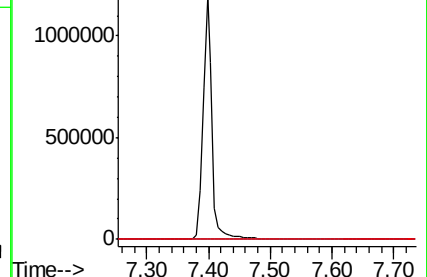
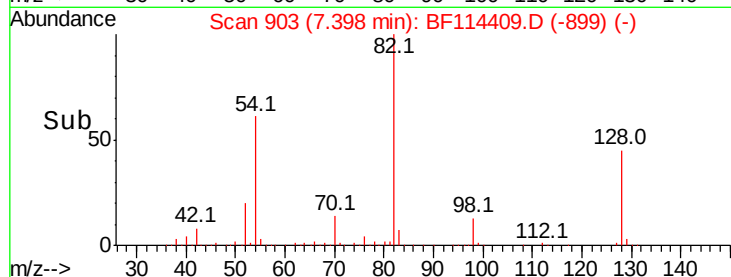
138 0.0 14.8 22.2#



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: 7.072 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.14 min

Lab File: BF114409.D

Acq: 19 May 2019 00:33

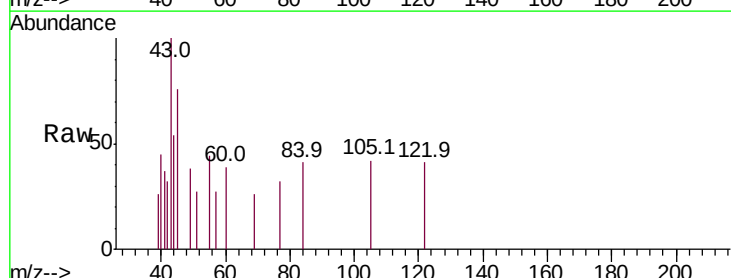
Tgt Ion:122 Resp: 483

Ion Ratio Lower Upper

122 100

105 103.5 99.9 139.9

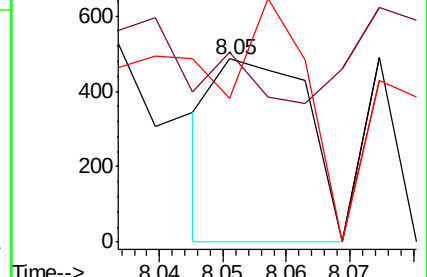
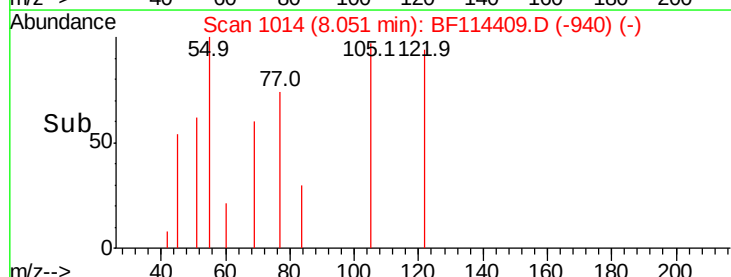
77 78.8 69.4 109.4

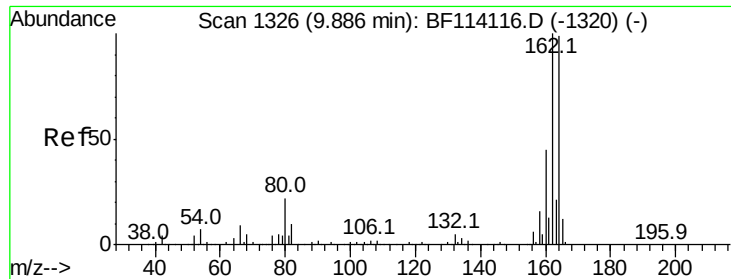


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

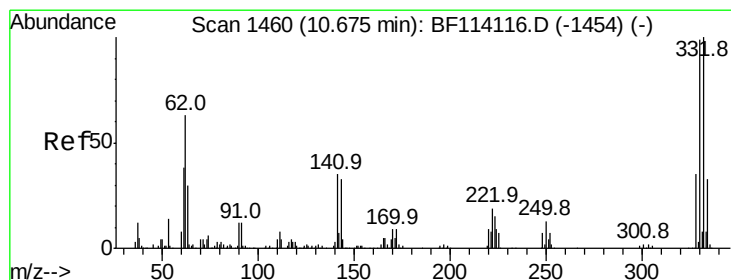
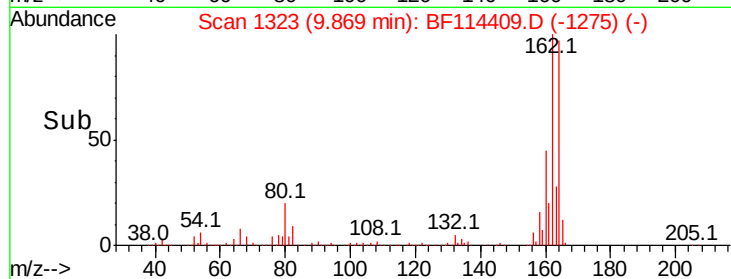
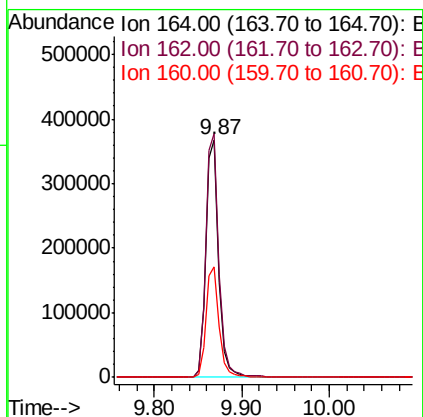
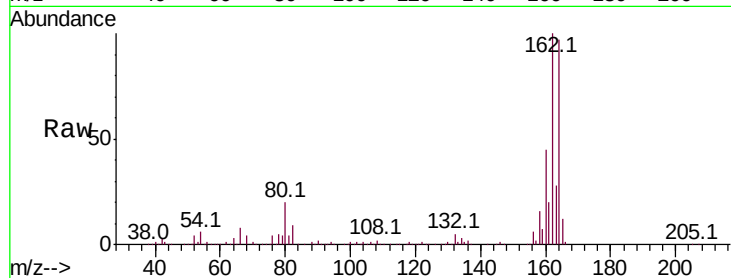




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF114409.D
 Acq: 19 May 2019 00:33

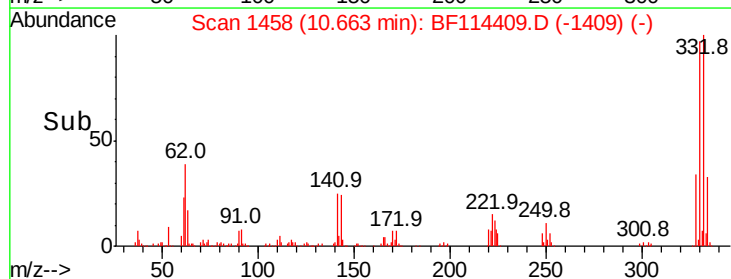
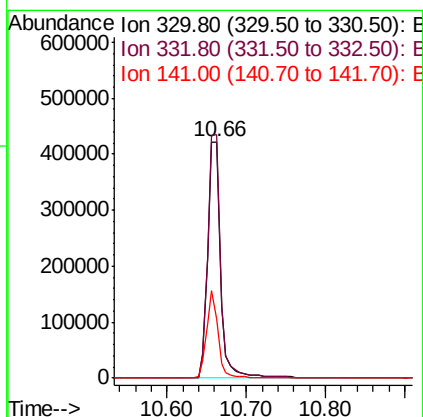
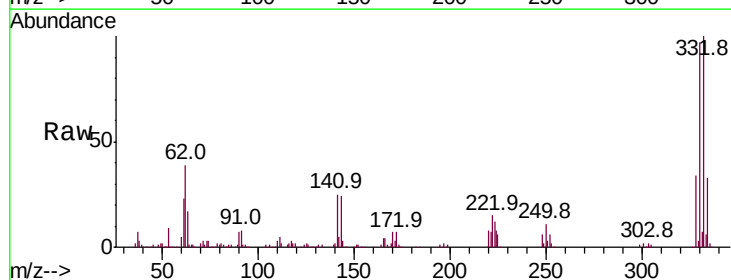
Instrument :
 BNA_F
 ClientSampled :

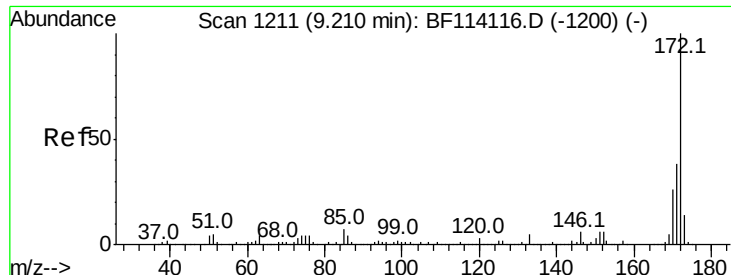
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.6	120.8
160	46.5	36.5	54.7



#42
 2,4,6-Tribromophenol
 Concen: 124.533 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF114409.D
 Acq: 19 May 2019 00:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	102.3	81.4	122.2
141	33.5	26.6	40.0



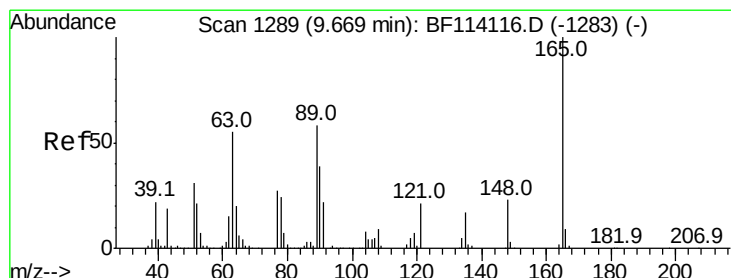
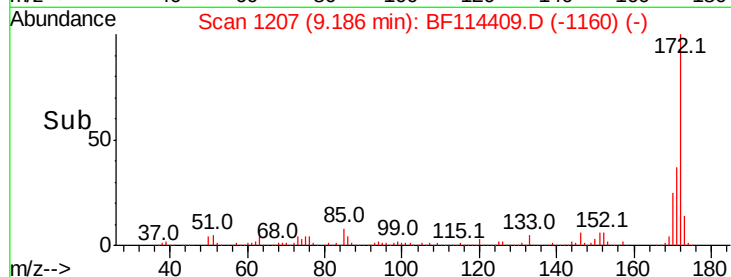
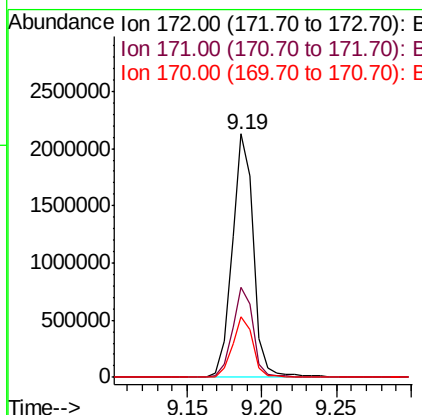
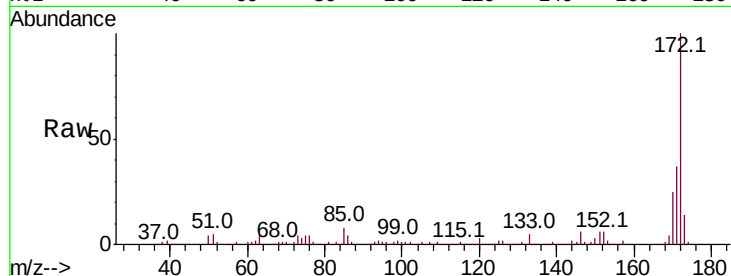


#45
 2-Fluorobiphenyl
 Concen: 86.350 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF114409.D
 Acq: 19 May 2019 00:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 2132655

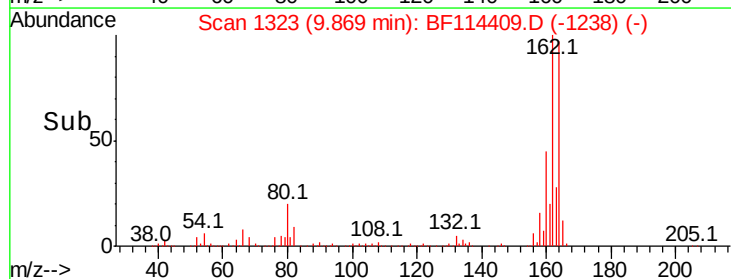
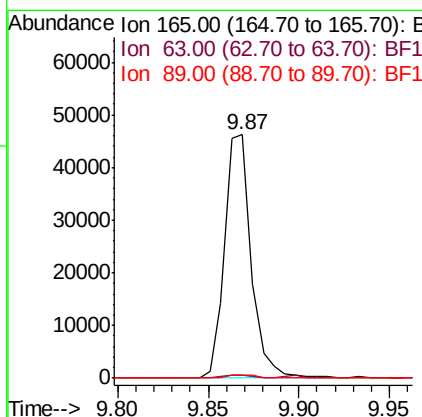
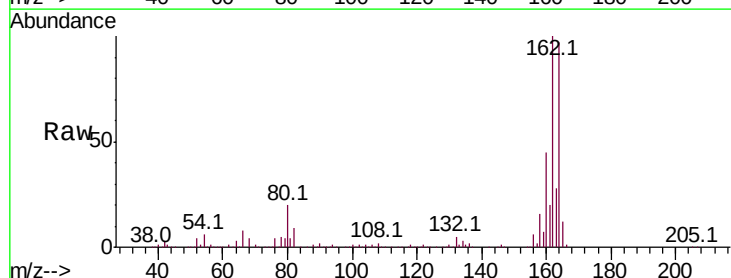
Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.7	46.1
170	24.7	20.5	30.7

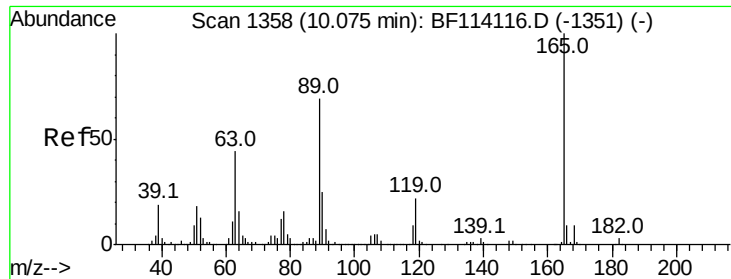


#51
 2,6-Dinitrotoluene
 Concen: 7.830 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.20 min
 Lab File: BF114409.D
 Acq: 19 May 2019 00:33

Tgt Ion:165 Resp: 47631

Ion	Ratio	Lower	Upper
165	100		
63	1.0	50.2	75.4#
89	1.4	46.6	69.8#

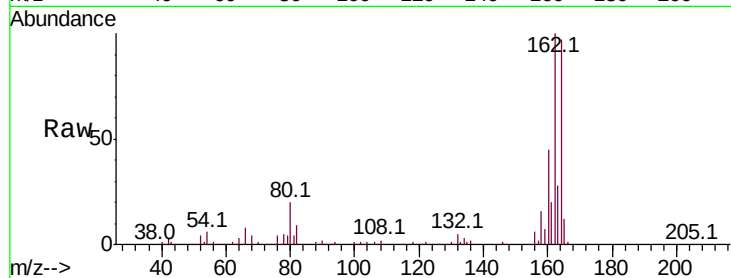




#57
 2,4-Dinitrotoluene
 Concen: 5.769 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF114409.D
 Acq: 19 May 2019 00:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	35.5	53.3#
89	1.4	55.2	82.8#
182	0.0	2.2	3.2#

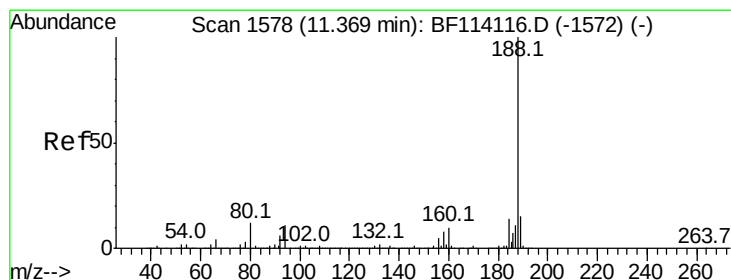
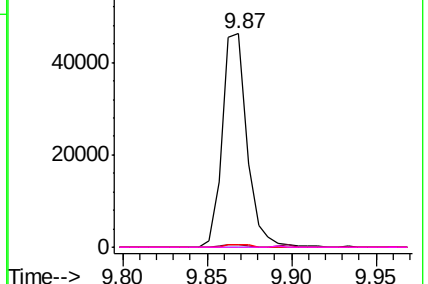
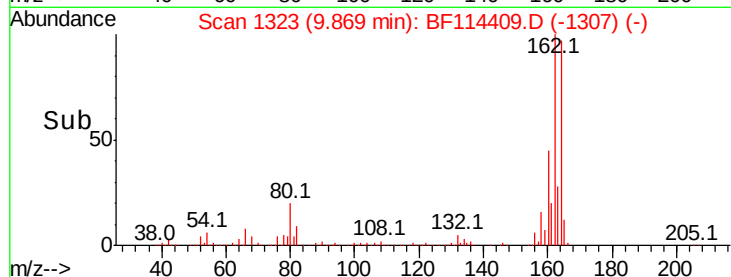


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

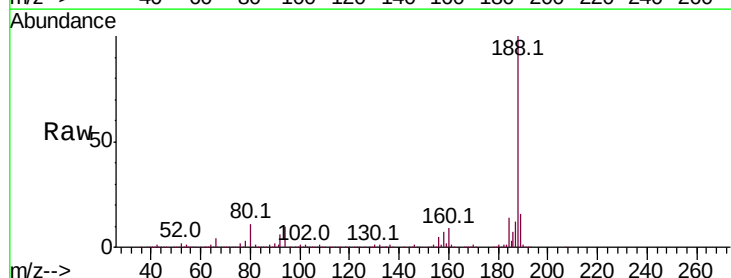
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF114409.D
 Acq: 19 May 2019 00:33

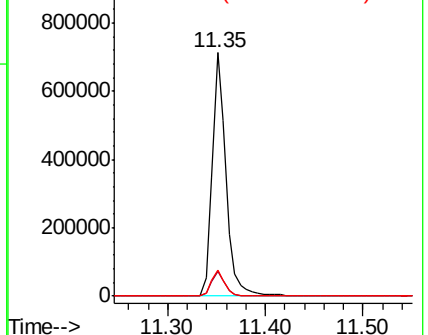
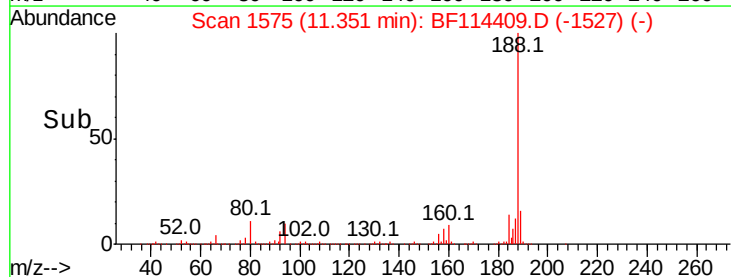
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.4	12.6
80	10.8	9.2	13.8

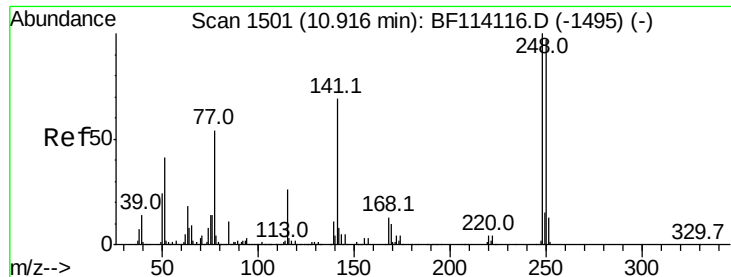


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

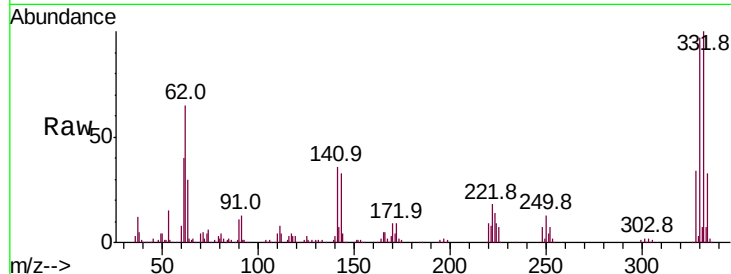




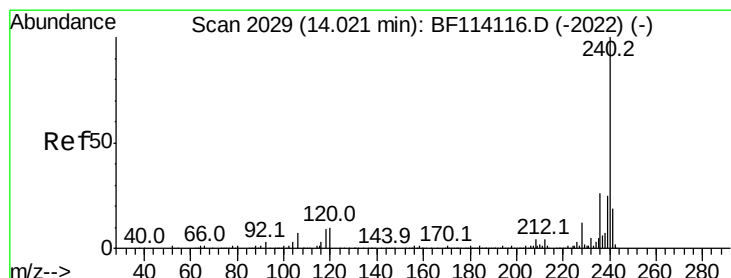
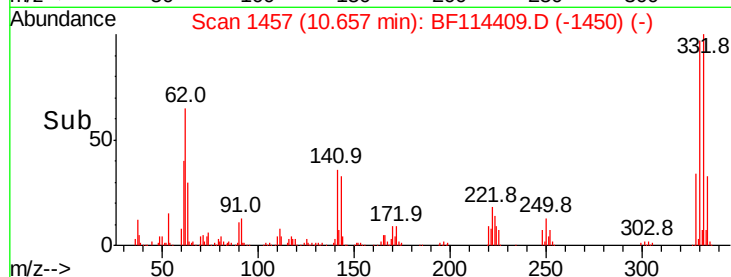
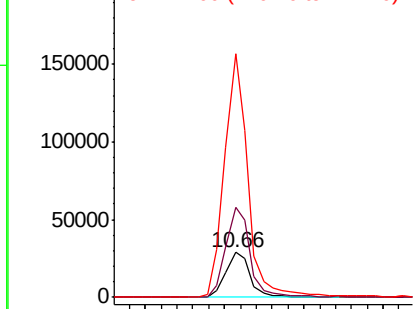
#67
4-Bromophenyl-phenylether
Concen: 4.055 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.26 min
Lab File: BF114409.D
Acq: 19 May 2019 00:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 31322
Ion Ratio Lower Upper
248 100
250 199.1 77.4 116.2#
141 540.1 55.6 83.4#

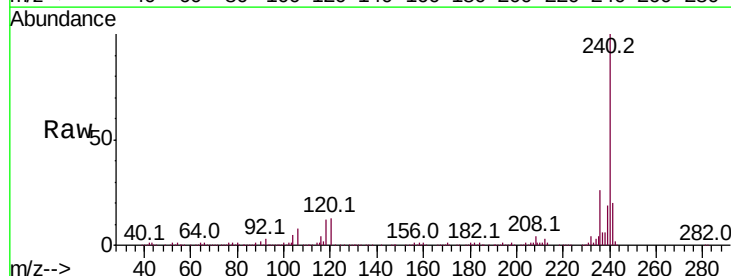


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

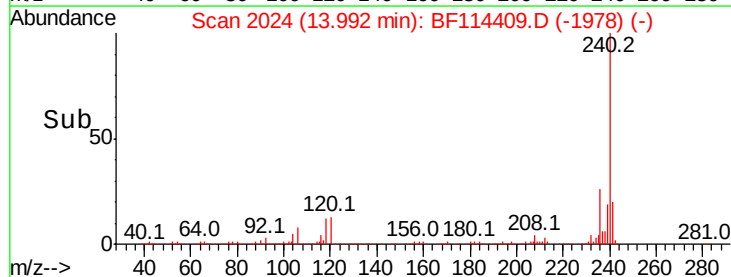
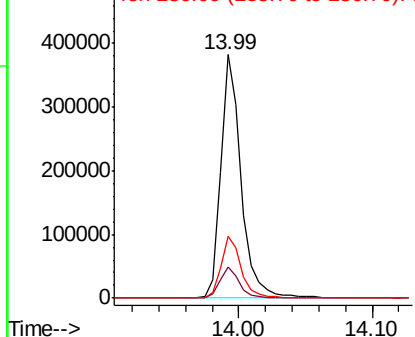


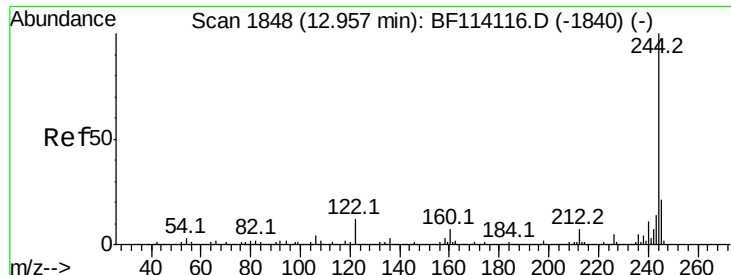
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.03 min
Lab File: BF114409.D
Acq: 19 May 2019 00:33

Tgt Ion:240 Resp: 410265
Ion Ratio Lower Upper
240 100
120 12.7 8.3 12.5#
236 25.6 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: 95.802 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF114409.D

Acq: 19 May 2019 00:33

Instrument :

BNA_F

ClientSampleId :

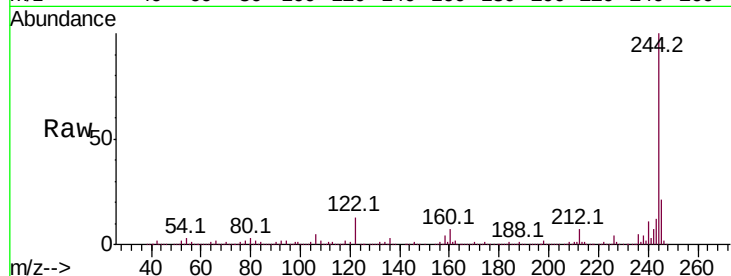
Tot Ion:244 Resp: 1906641

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

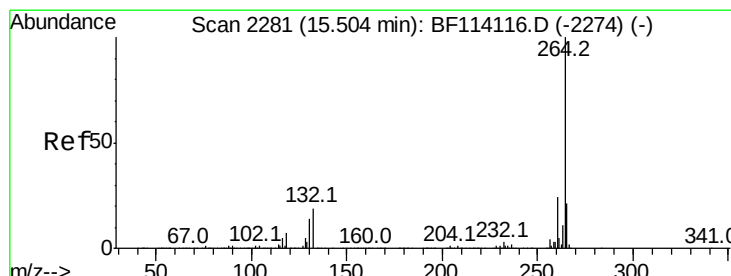
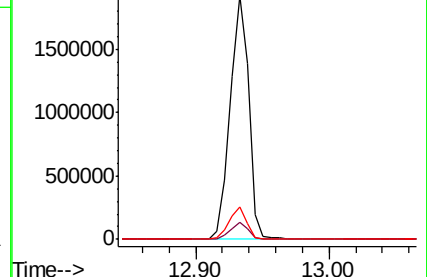
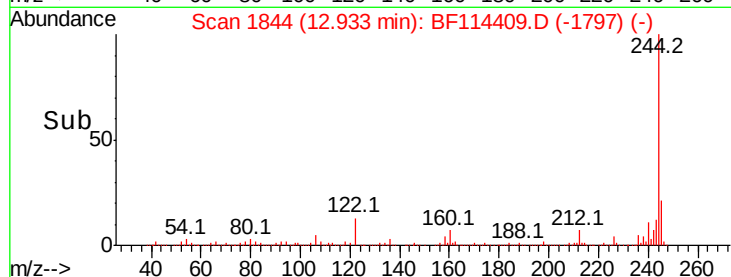
122 13.2 9.4 14.2



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: 15.46 min Scan# 2273

Delta R.T. -0.05 min

Lab File: BF114409.D

Acq: 19 May 2019 00:33

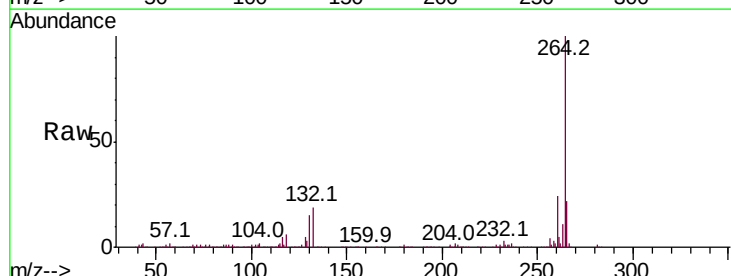
Tgt Ion:264 Resp: 478792

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.0

265 22.1 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

