

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
 Data File : BF114642.D
 Acq On : 29 May 2019 19:36
 Operator : HP/JU
 Sample : K3041-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: May 30 04:24:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	275508	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1046642	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	516891	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1046876	20.00	ng	0.00
76) Chrysene-d12	13.81	240	897412	20.00	ng	0.00
87) Perylene-d12	15.20	264	900848	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	1147872	73.15	ng	0.00
7) Phenol-d6	6.32	99	944128	49.93	ng	-0.01
23) Nitrobenzene-d5	7.25	82	1584165	94.43	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	676590	137.37	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2684698	100.48	ng	0.00
79) Terphenyl-d14	12.77	244	3259066	68.28	ng	0.00

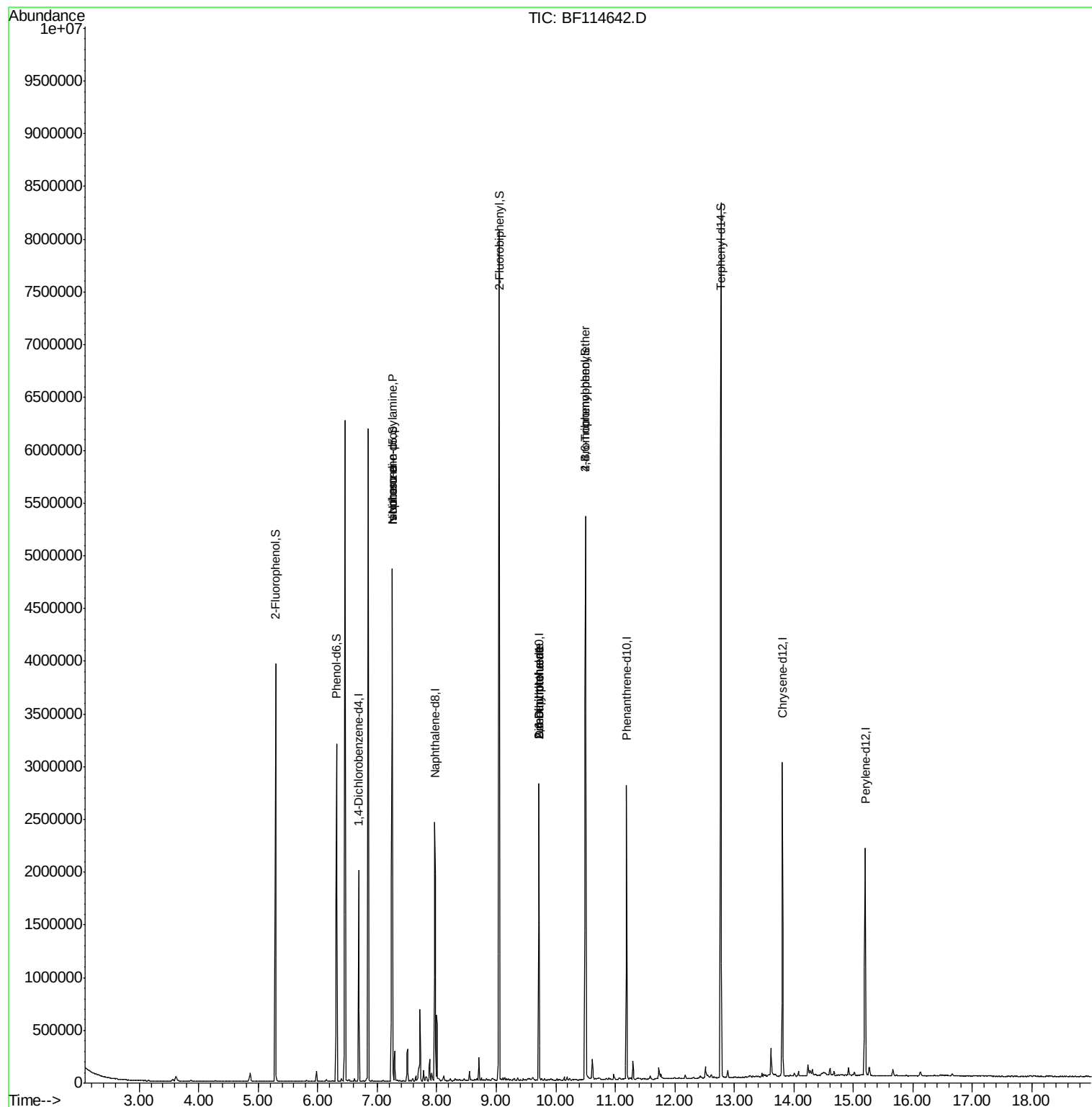
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.32	77	1763	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.25	70	213935	16.391	ng	# 78
25) Isophorone	7.25	82	1572159	46.697	ng	# 63
50) Dimethylphthalate	9.72	163	146949	4.080	ng	# 1
51) 2,6-Dinitrotoluene	9.72	165	65944	7.879	ng	# 31
57) 2,4-Dinitrotoluene	9.72	165	65944	6.139	ng	# 23
58) Fluorene	10.50	166	31773	Below Cal		# 90
67) 4-Bromophenyl-phenylether	10.50	248	43245	3.852	ng	# 1
74) Di-n-butylphthalate	11.76	149	14040	Below Cal		96

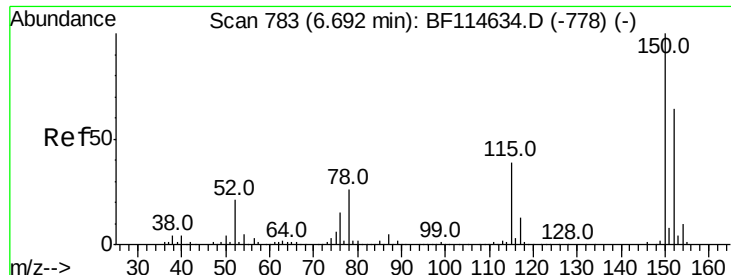
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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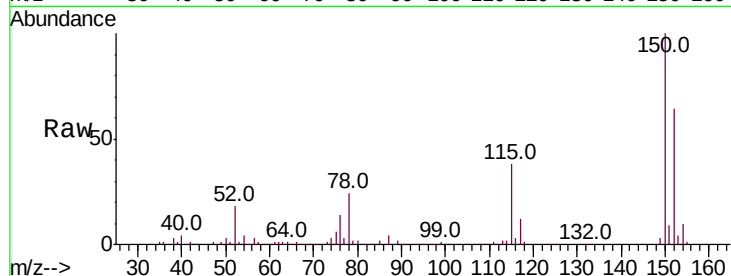


#1

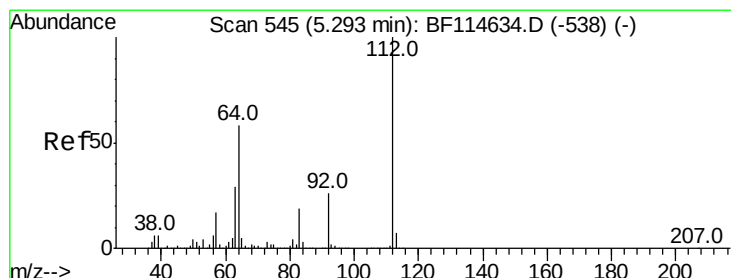
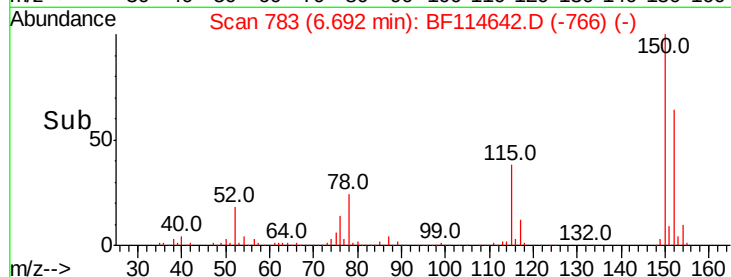
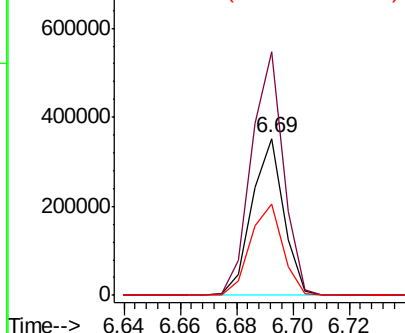
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF114642.D
 Acq: 29 May 2019 19:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion:152 Resp: 275508
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.4 186.6
 115 58.4 48.7 73.1



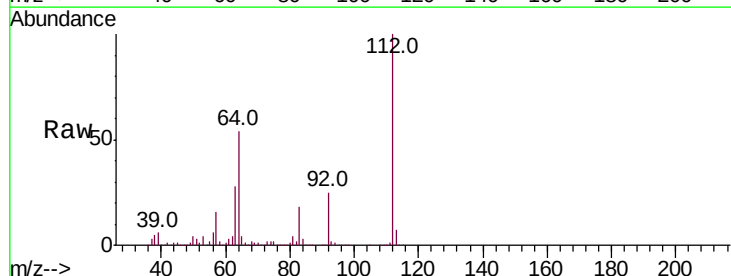
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



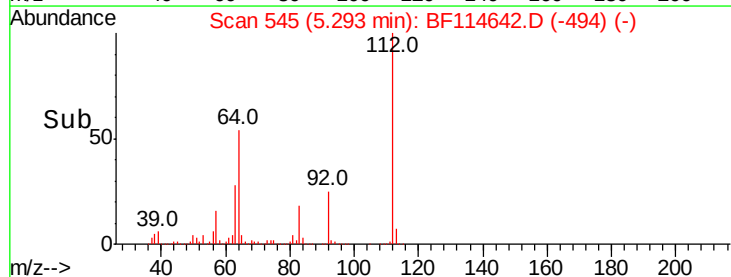
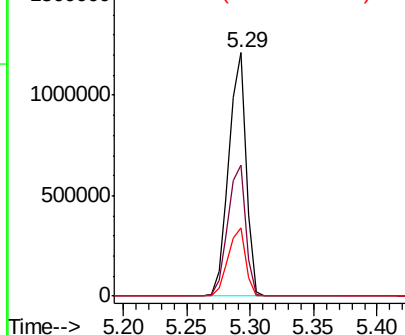
#5

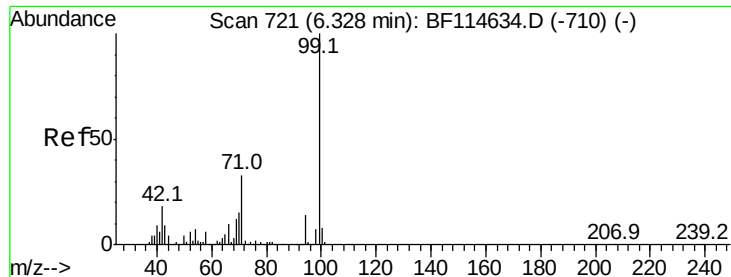
2-Fluorophenol
 Concen: 73.150 ng
 RT: 5.29 min Scan# 545
 Delta R.T. -0.00 min
 Lab File: BF114642.D
 Acq: 29 May 2019 19:36

Tgt Ion:112 Resp: 1147872
 Ion Ratio Lower Upper
 112 100
 64 53.7 46.1 69.1
 63 27.9 23.4 35.2



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: 49.929 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF114642.D

Acq: 29 May 2019 19:36

Instrument :

BNA_F

ClientSampleId :

TP-2

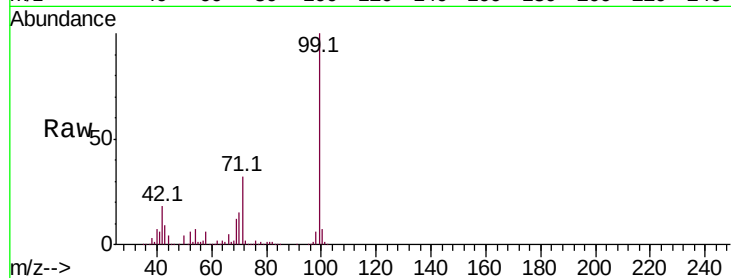
Tot Ion: 99 Resp: 944128

Ion Ratio Lower Upper

99 100

42 17.8 14.7 22.1

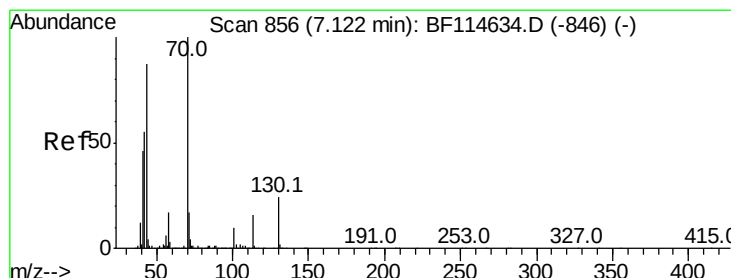
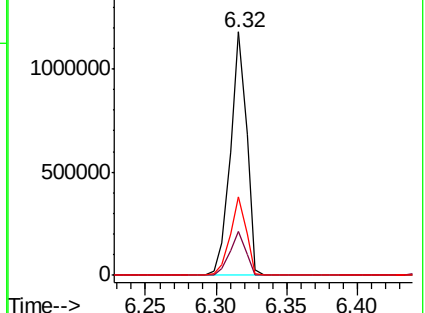
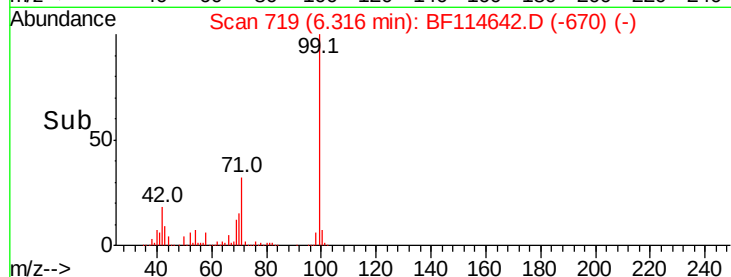
71 32.2 26.6 40.0



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: 16.391 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.13 min

Lab File: BF114642.D

Acq: 29 May 2019 19:36

Tgt Ion: 70 Resp: 213935

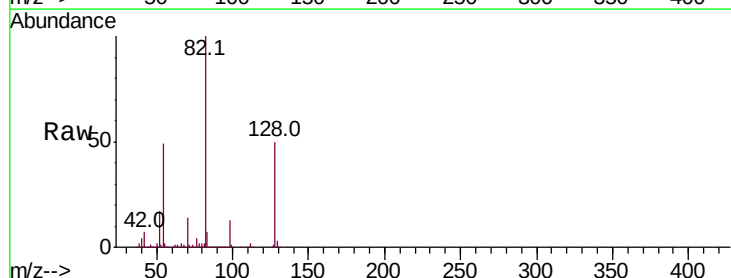
Ion Ratio Lower Upper

70 100

42 47.7 44.4 66.6

101 0.0 8.2 12.4#

130 2.4 19.4 29.0#

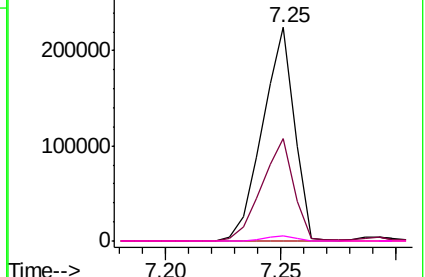
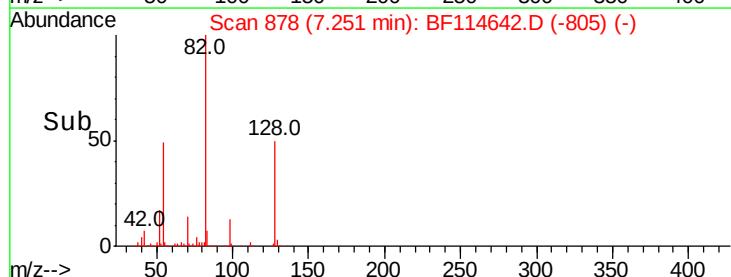


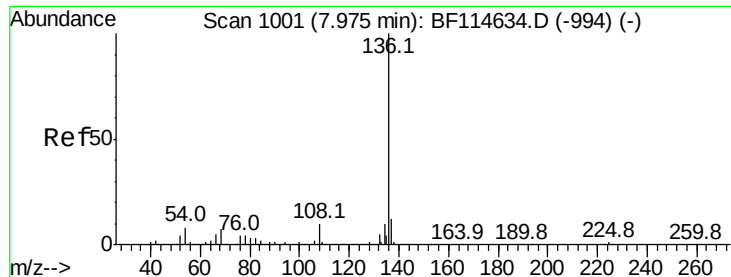
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

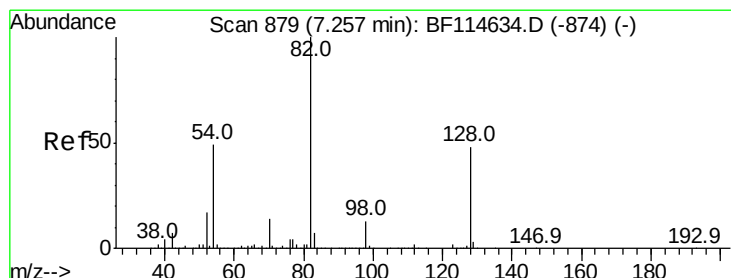
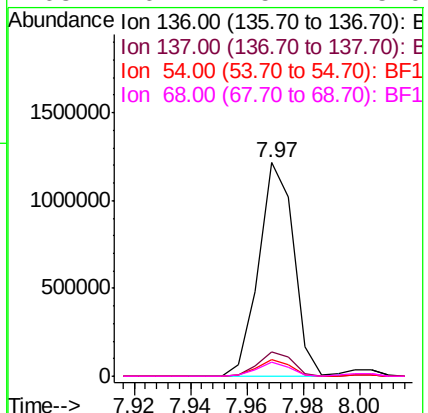
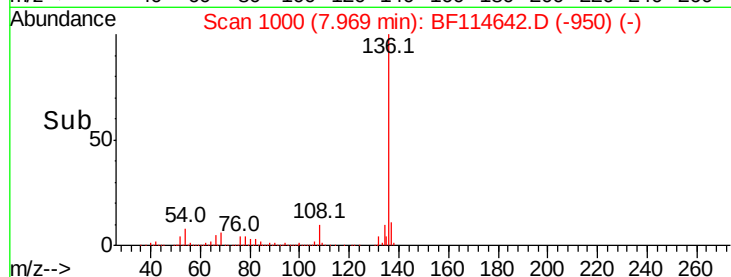
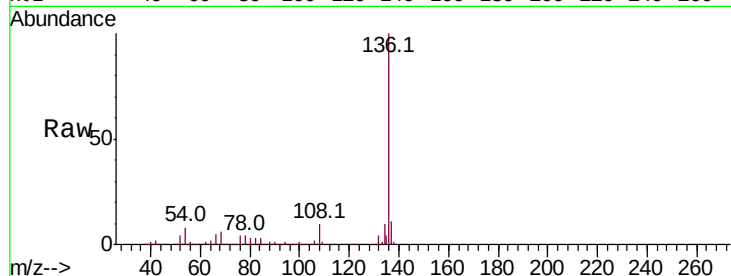




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF114642.D
Acq: 29 May 2019 19:36

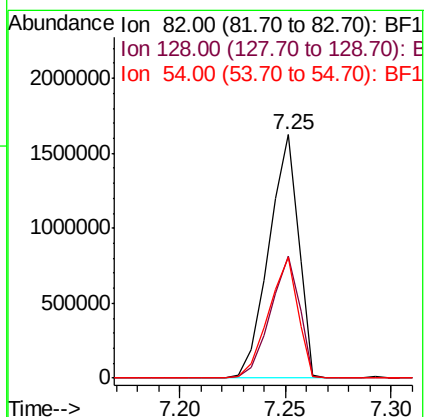
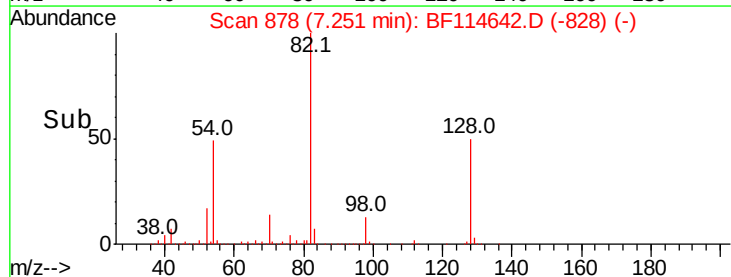
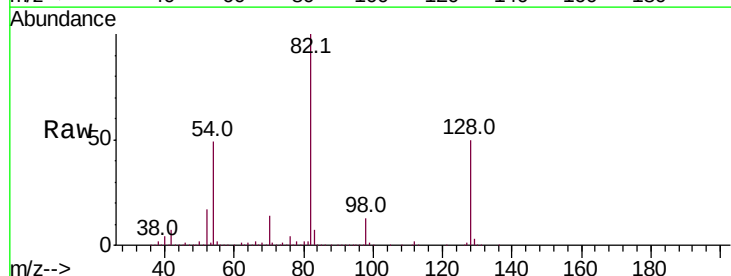
Instrument :
BNA_F
ClientSampleId :
TP-2

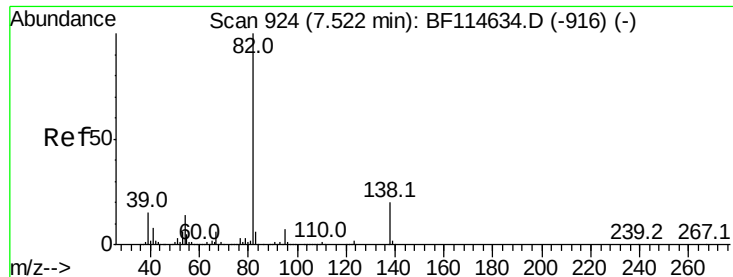
Tot Ion:136	Resp: 1046642
Ion Ratio	Lower Upper
136 100	
137 11.4	9.3 13.9
54 7.8	6.3 9.5
68 6.4	5.4 8.0



#23
Nitrobenzene-d5
Concen: 94.430 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114642.D
Acq: 29 May 2019 19:36

Tgt Ion: 82	Resp: 1584165
Ion Ratio	Lower Upper
82 100	
128 49.9	38.5 57.7
54 49.4	39.1 58.7





#25

Isophorone

Concen: 46.697 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.27 min

Lab File: BF114642.D

Acq: 29 May 2019 19:36

Instrument :

BNA_F

ClientSampled :

TP-2

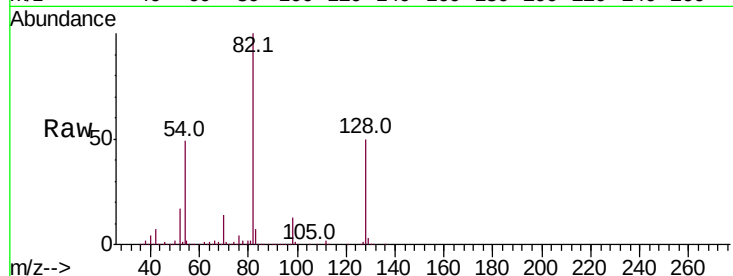
Tot Ion: 82 Resp: 1572159

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

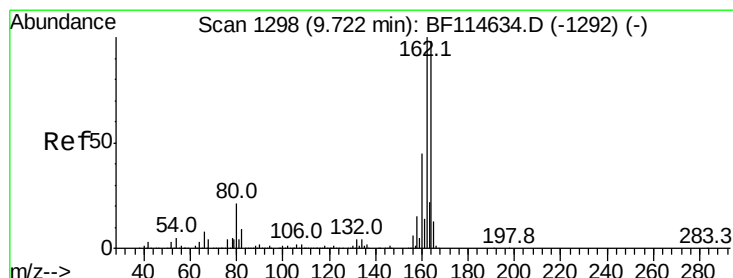
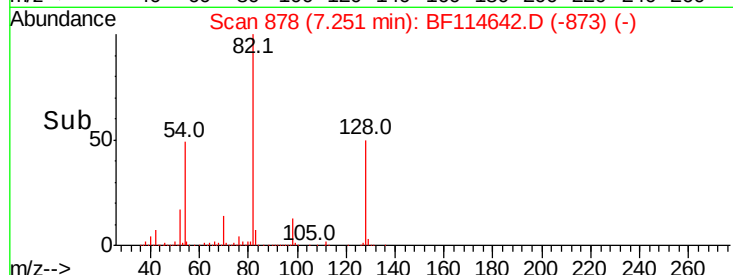
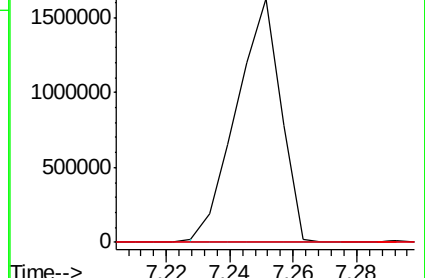
138 0.0 15.9 23.9#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF114642.D

Acq: 29 May 2019 19:36

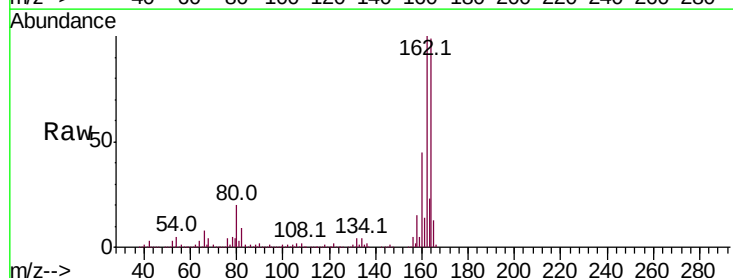
Tgt Ion:164 Resp: 516891

Ion Ratio Lower Upper

164 100

162 101.2 81.4 122.2

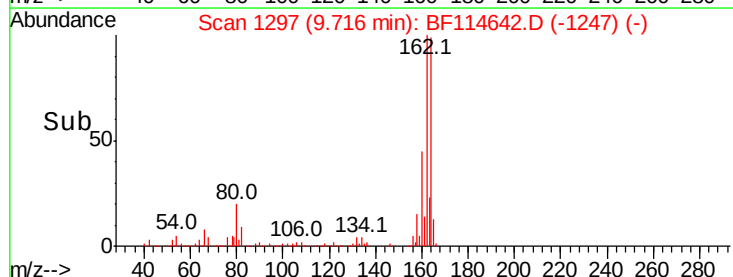
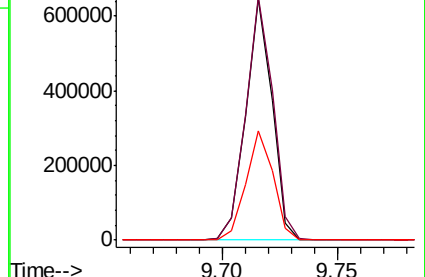
160 45.2 36.6 54.8

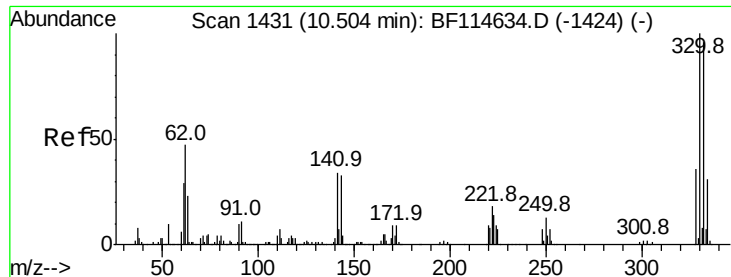


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

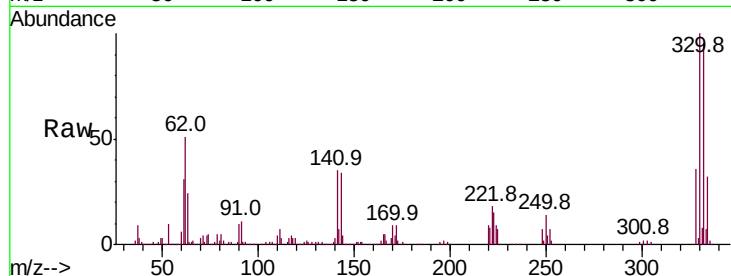




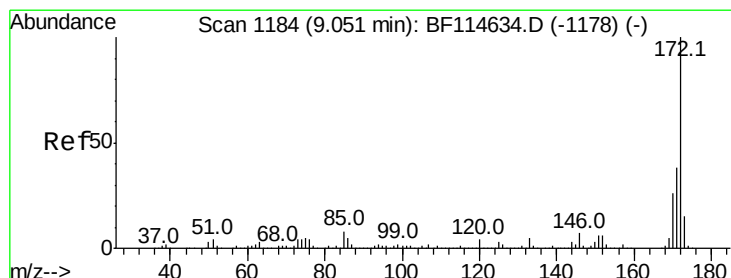
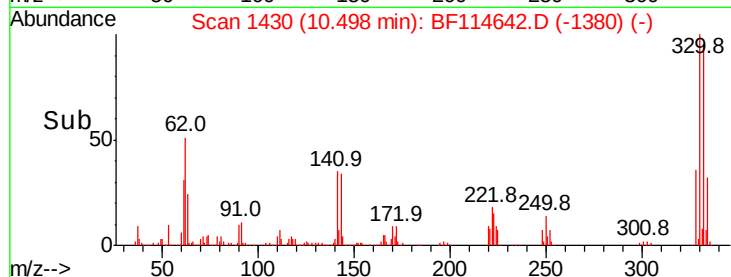
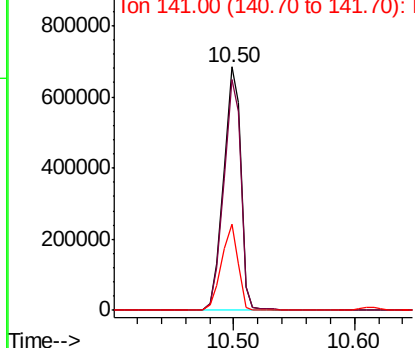
#42
 2,4,6-Tribromophenol
 Concen: 137.374 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF114642.D
 Acq: 29 May 2019 19:36

Instrument :
 BNA_F
 ClientSampled :
 TP-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.8	113.8
141	34.2	27.8	41.8

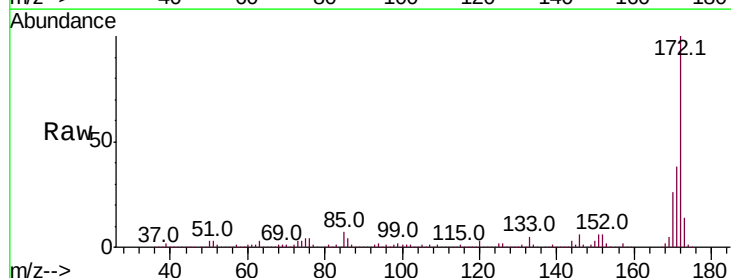


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

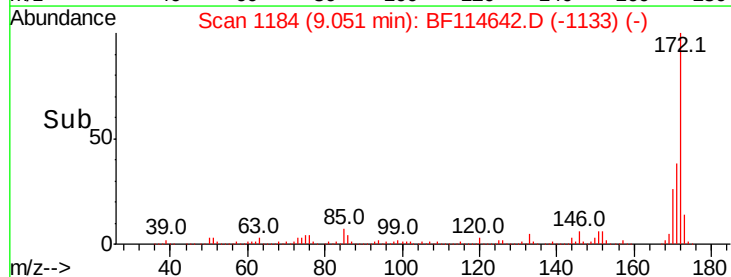
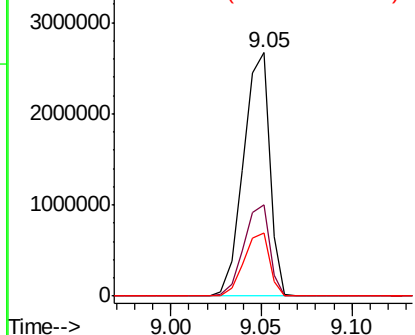


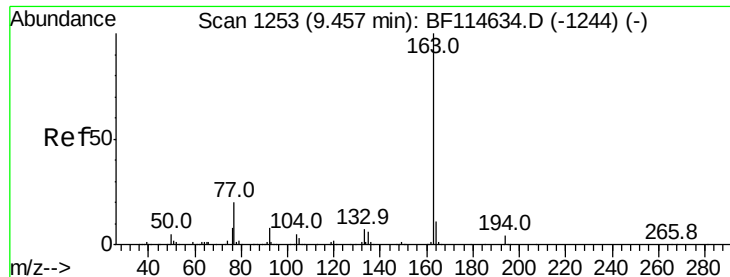
#45
 2-Fluorobiphenyl
 Concen: 100.482 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114642.D
 Acq: 29 May 2019 19:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.6	45.8
170	26.0	20.7	31.1



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: 4.080 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.26 min

Lab File: BF114642.D

Acq: 29 May 2019 19:36

Instrument :

BNA_F

ClientSampleId :

TP-2

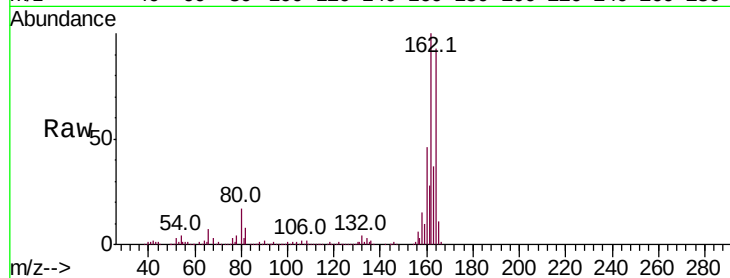
Tot Ion:163 Resp: 146949

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.0#

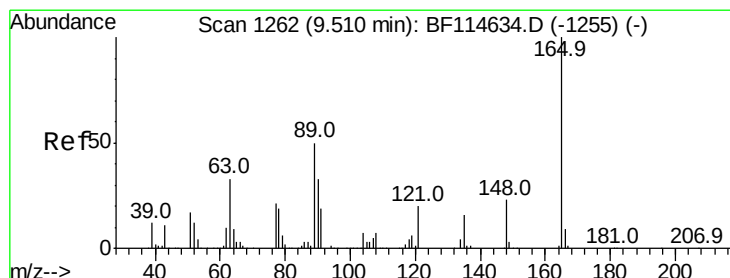
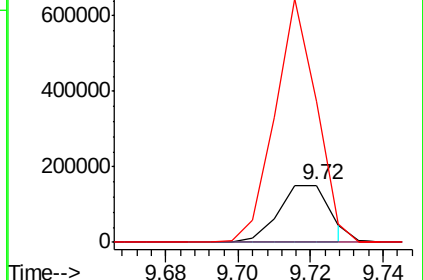
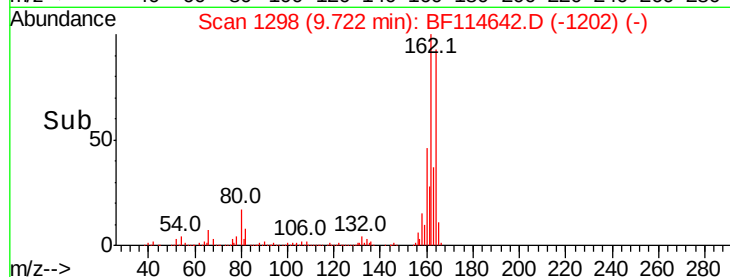
164 249.3 8.6 13.0#



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



#51

2,6-Dinitrotoluene

Concen: 7.879 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.21 min

Lab File: BF114642.D

Acq: 29 May 2019 19:36

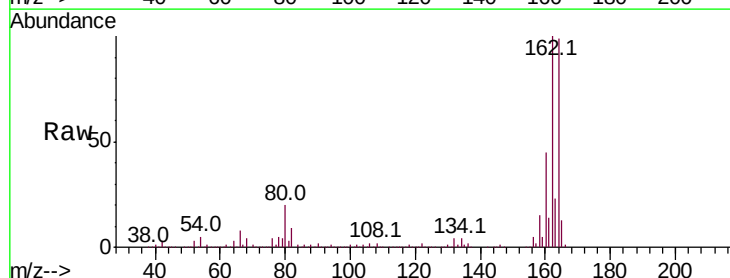
Tgt Ion:165 Resp: 65944

Ion Ratio Lower Upper

165 100

63 1.3 36.6 54.8#

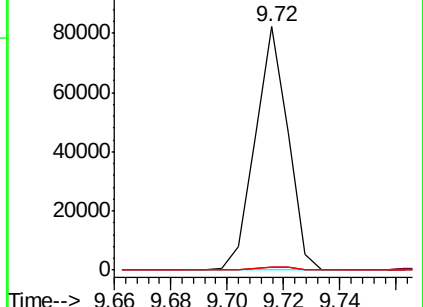
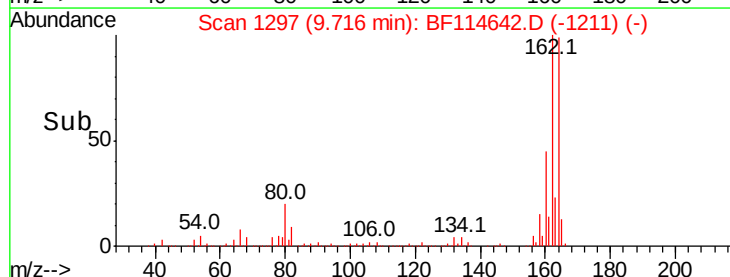
89 1.3 40.2 60.4#

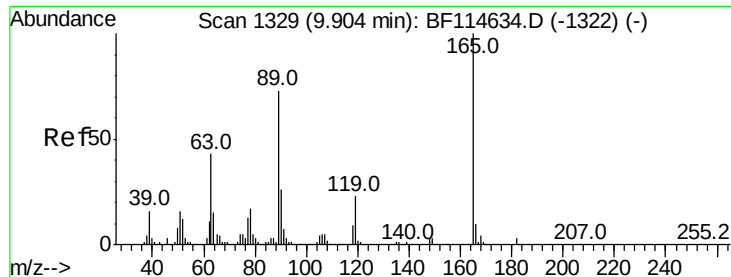


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

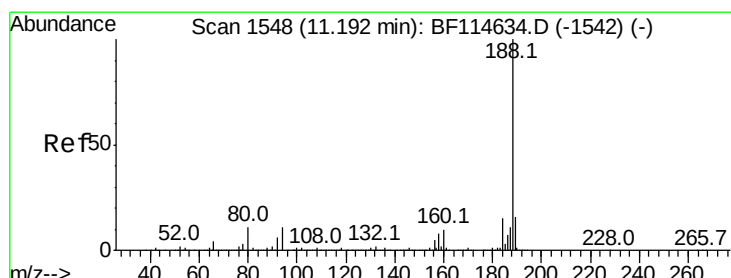
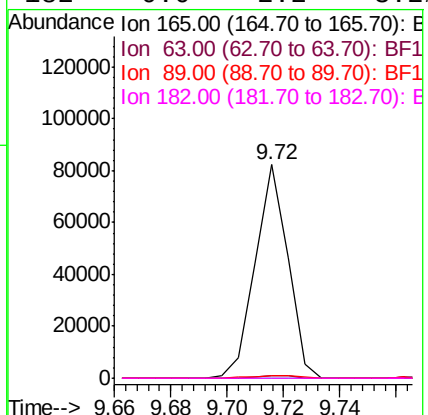
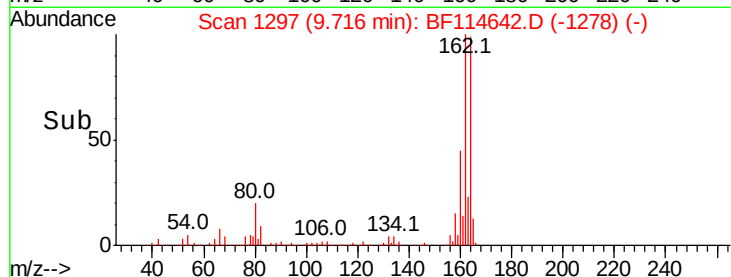
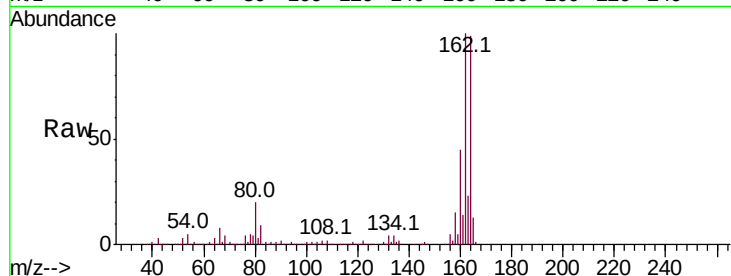




#57
 2,4-Dinitrotoluene
 Concen: 6.139 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.19 min
 Lab File: BF114642.D
 Acq: 29 May 2019 19:36

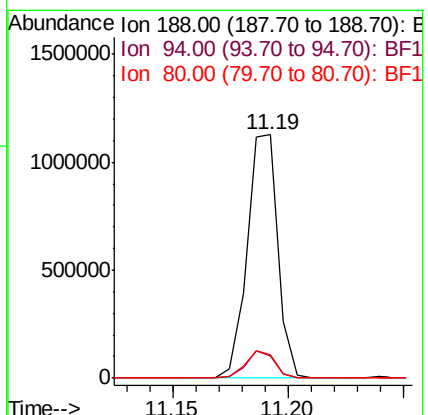
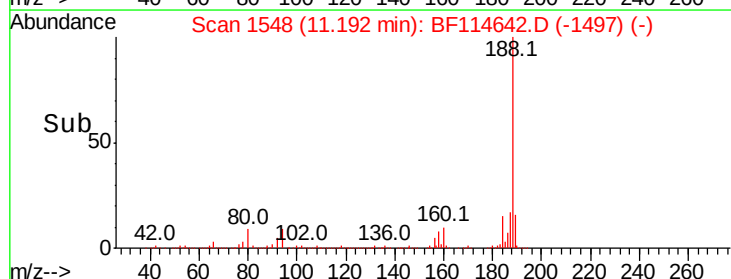
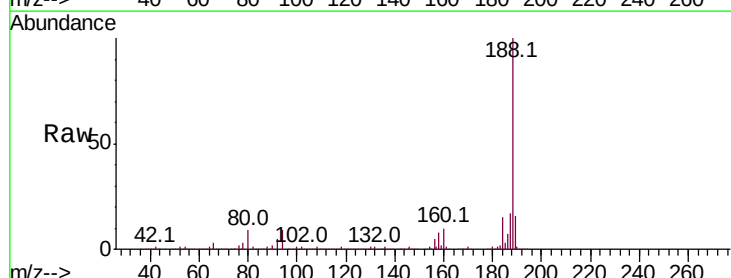
Instrument :
 BNA_F
 ClientSampleId :
 TP-2

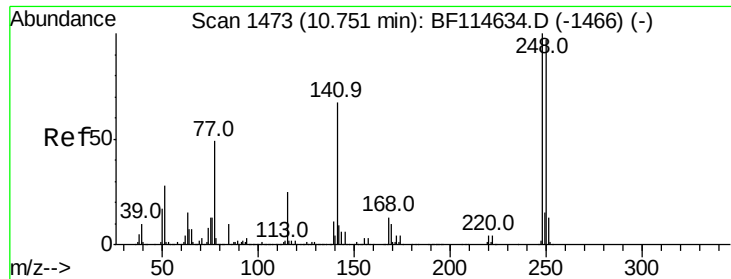
Tot Ion:165 Resp: 65944
 Ion Ratio Lower Upper
 165 100
 63 1.3 34.8 52.2#
 89 1.3 58.5 87.7#
 182 0.0 2.2 3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BF114642.D
 Acq: 29 May 2019 19:36

Tgt Ion:188 Resp: 1046876
 Ion Ratio Lower Upper
 188 100
 94 9.0 8.6 13.0
 80 9.4 9.0 13.6

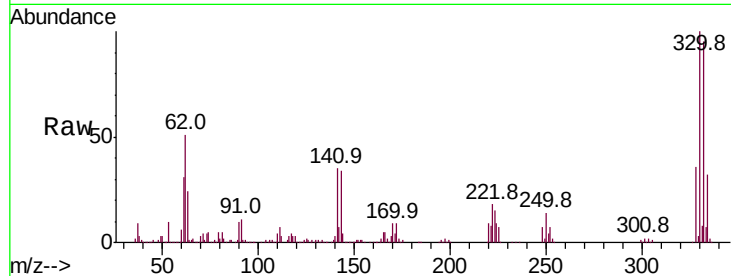




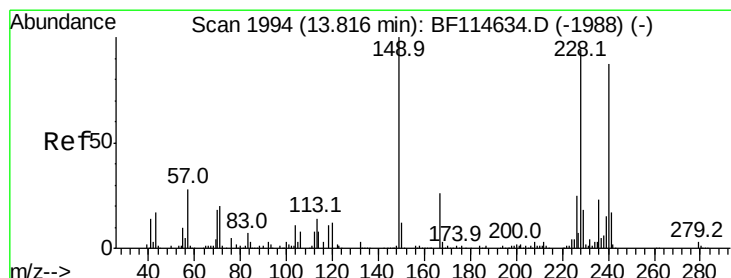
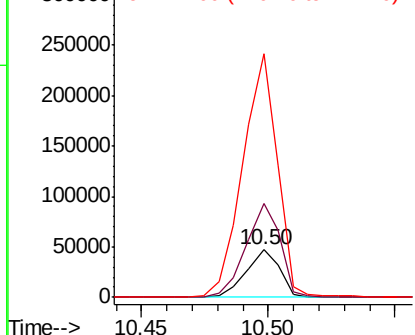
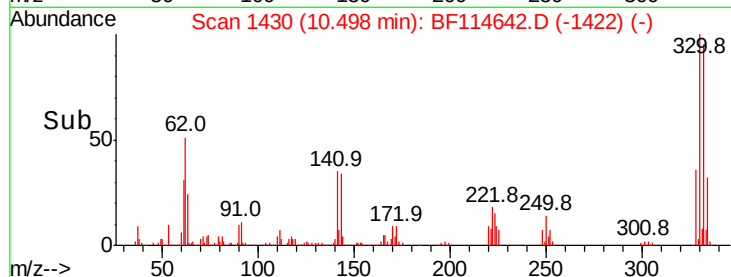
#67
4-Bromophenyl-phenylether
Concen: 3.852 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.25 min
Lab File: BF114642.D
Acq: 29 May 2019 19:36

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:248 Resp: 43245
Ion Ratio Lower Upper
248 100
250 197.1 78.0 117.0#
141 514.3 53.8 80.8#

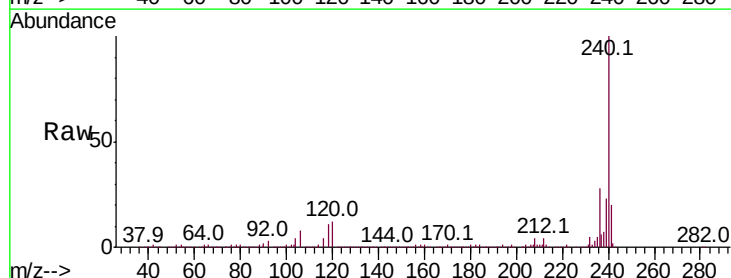


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

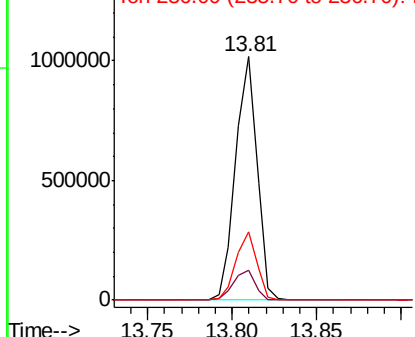
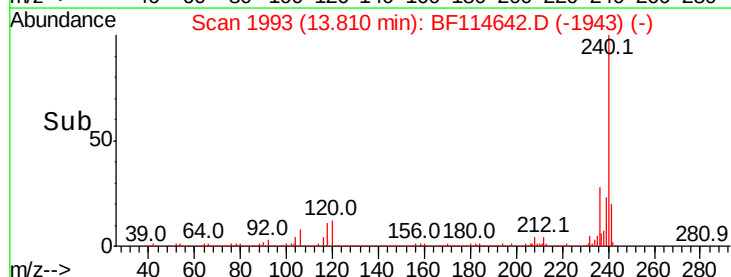


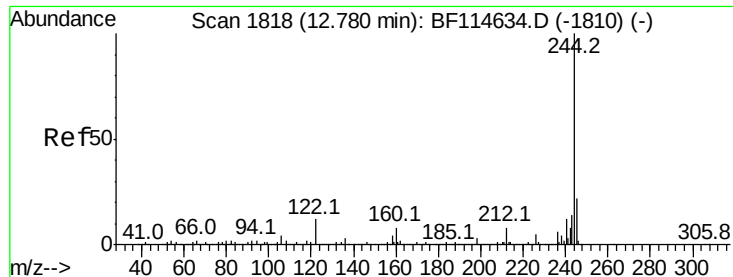
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF114642.D
Acq: 29 May 2019 19:36

Tgt Ion:240 Resp: 897412
Ion Ratio Lower Upper
240 100
120 12.2 11.2 16.8
236 27.9 21.2 31.8



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



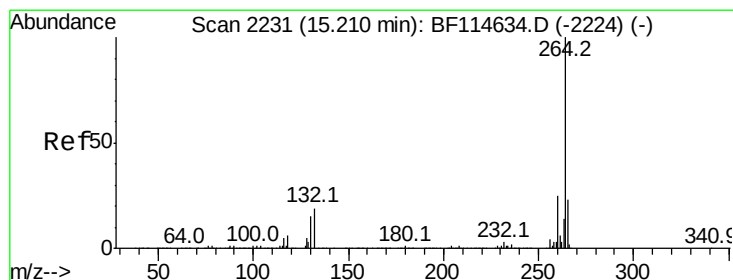
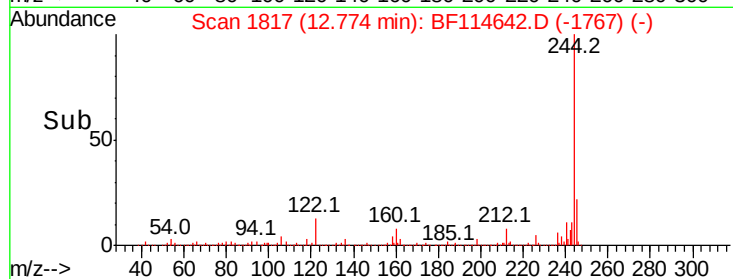
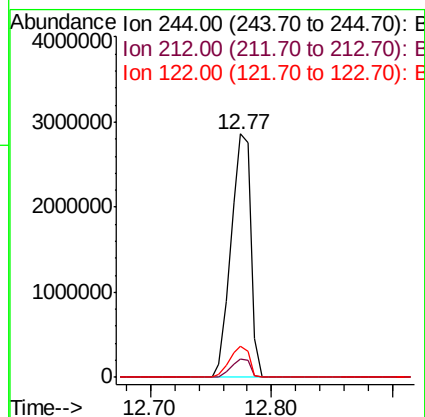
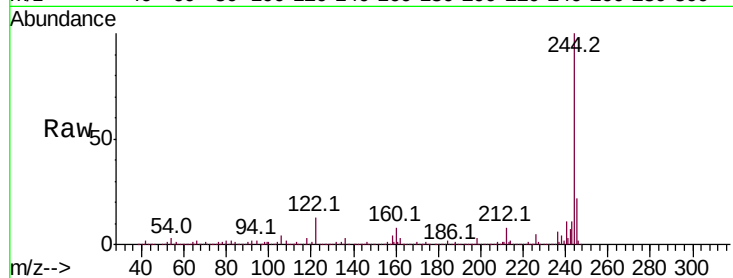


#79
 Terphenyl-d14
 Concen: 68.280 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BF114642.D
 Acq: 29 May 2019 19:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion:244 Resp: 3259066

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	12.9	9.8	14.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.20 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BF114642.D
 Acq: 29 May 2019 19:36

Tgt Ion:264 Resp: 900848

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	21.7	18.1	27.1

