

Data File : BF114777.D
Acq On : 2 Jun 2019 1:09
Operator : HP/JU
Sample : K3124-06
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-25-S

Quant Time: Jun 03 01:49:23 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	370393	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1341081	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	598108	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1014539	20.00	ng	0.00
76) Chrysene-d12	13.82	240	784845	20.00	ng	0.00
87) Perylene-d12	15.20	264	710643	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2174782	103.09	ng	0.02
7) Phenol-d6	6.33	99	2255172	88.71	ng	0.00
23) Nitrobenzene-d5	7.26	82	1824775	84.89	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	696360	122.19	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3212874	104.60	ng	0.00
79) Terphenyl-d14	12.77	244	2927994	70.14	ng	0.00

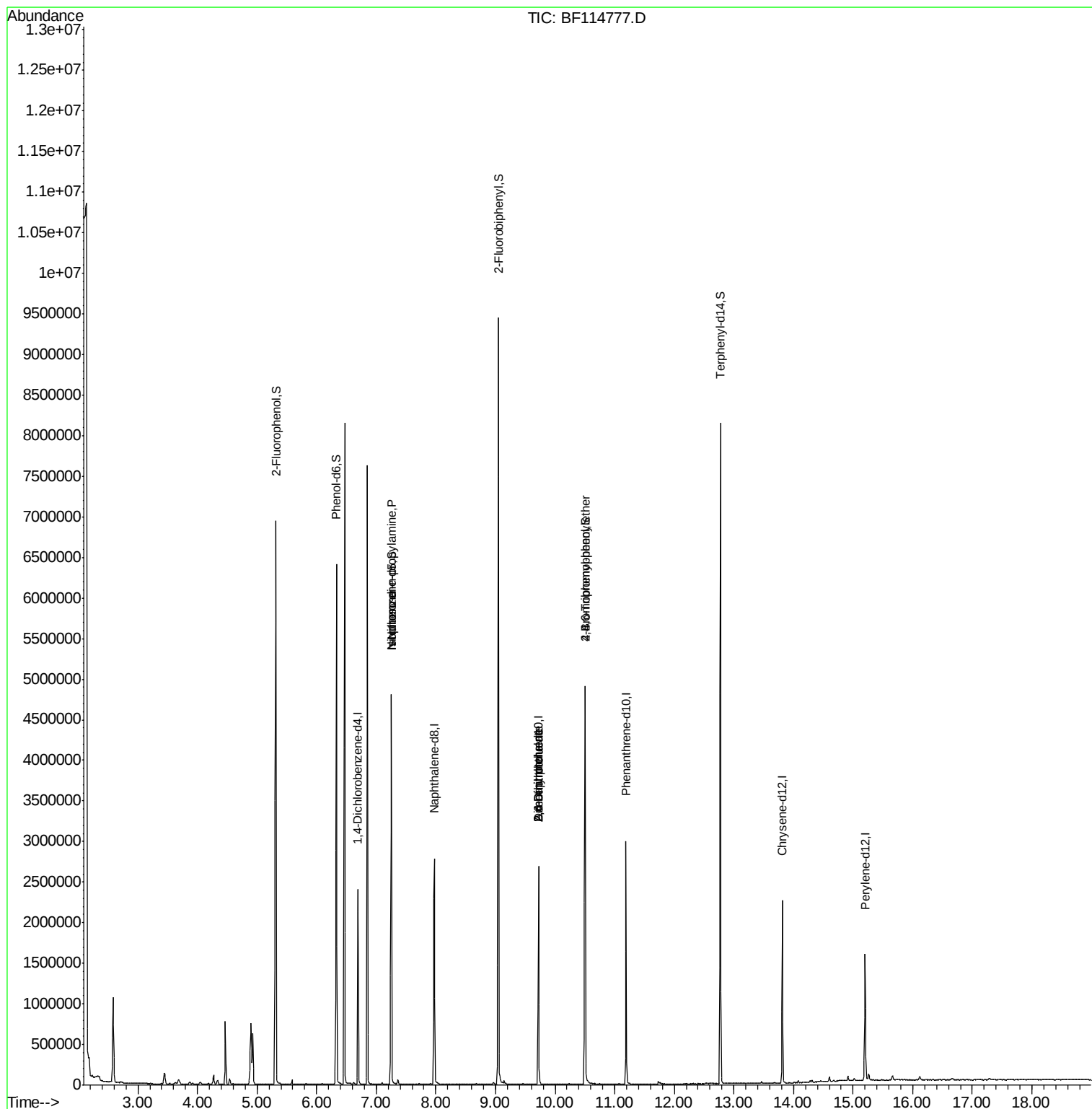
Target Compounds				Qvalue		
9) Benzaldehyde	6.33	77	4073	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.25	70	247678	14.115 ng	#	76
25) Isophorone	7.26	82	1779613	41.253 ng	#	63
50) Dimethylphthalate	9.72	163	165381	3.968 ng	#	1
51) 2,6-Dinitrotoluene	9.72	165	76423	7.891 ng	#	31
57) 2,4-Dinitrotoluene	9.72	165	76423	6.149 ng	#	23
58) Fluorene	10.26	166	1799	Below Cal		87
61) 4-Chlorophenyl-phenylether	10.26	204	449	Below Cal	#	52
67) 4-Bromophenyl-phenylether	10.50	248	43867	4.032 ng	#	1
74) Di-n-butylphthalate	11.76	149	7503	Below Cal	#	94

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

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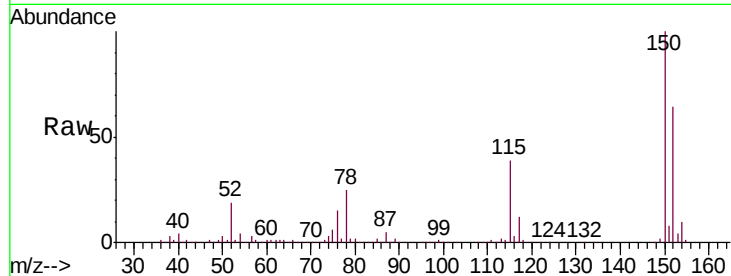


#1

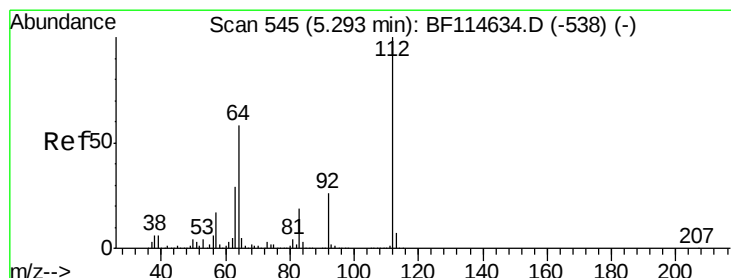
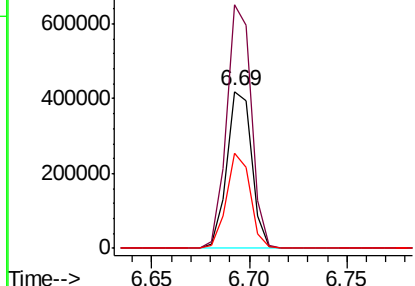
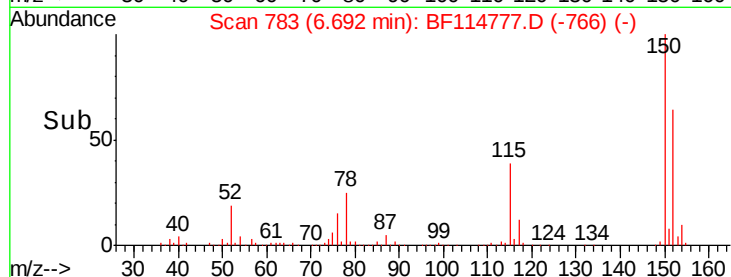
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF114777.D
Acq: 2 Jun 2019 1:09

Instrument :
BNA_F
ClientSampleId :
TP-25-S

Tgt Ion:152 Resp: 370393
Ion Ratio Lower Upper
152 100
150 155.4 124.4 186.6
115 60.5 48.7 73.1



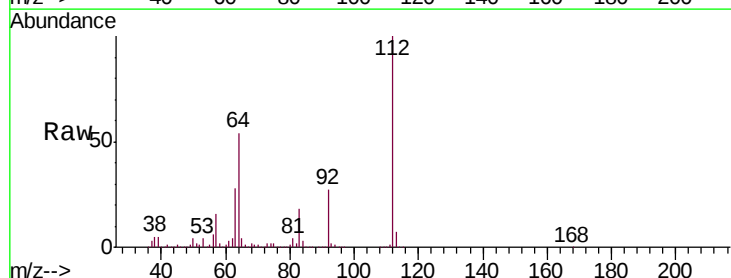
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



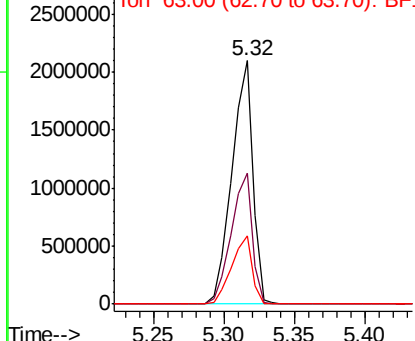
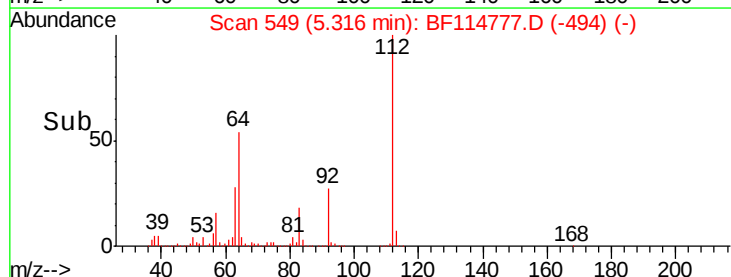
#5

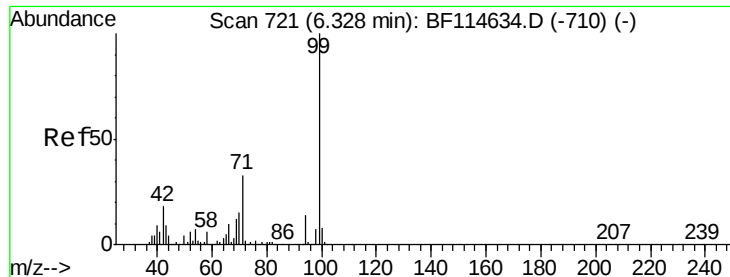
2-Fluorophenol
Concen: 103.087 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF114777.D
Acq: 2 Jun 2019 1:09

Tgt Ion:112 Resp: 2174782
Ion Ratio Lower Upper
112 100
64 53.8 46.1 69.1
63 28.1 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: 88.709 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114777.D

Acq: 2 Jun 2019 1:09

Instrument :

BNA_F

ClientSampleId :

TP-25-S

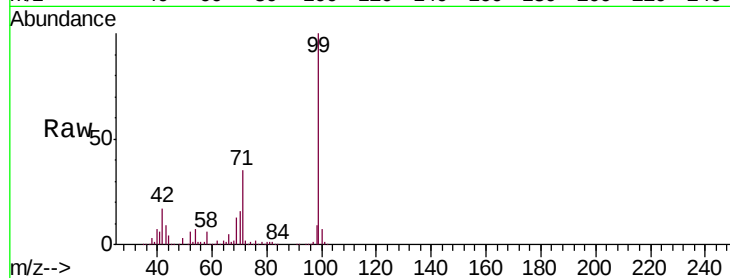
Tgt Ion: 99 Resp: 2255172

Ion Ratio Lower Upper

99 100

42 17.4 14.7 22.1

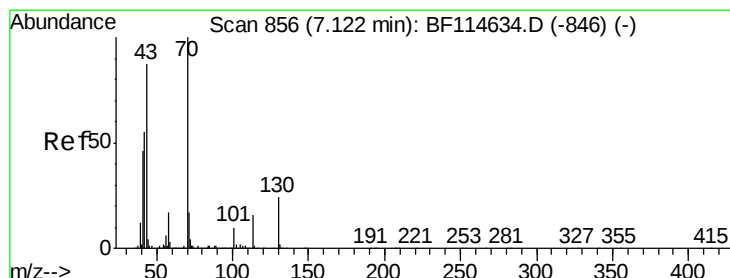
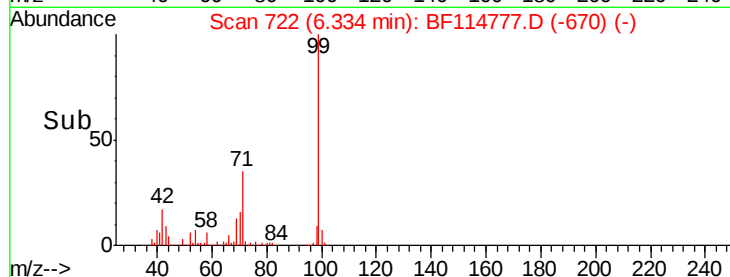
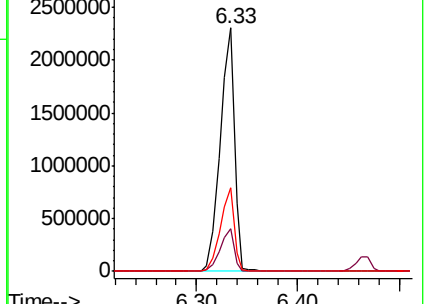
71 34.5 26.6 40.0



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: 14.115 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.13 min

Lab File: BF114777.D

Acq: 2 Jun 2019 1:09

Tgt Ion: 70 Resp: 247678

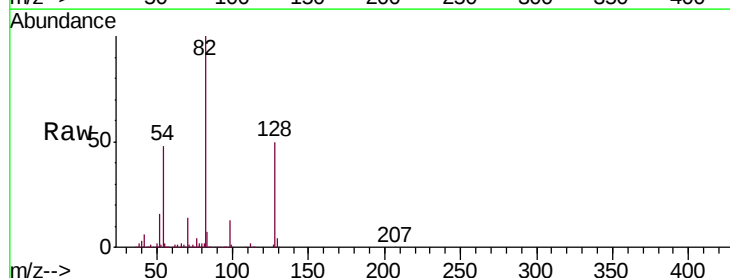
Ion Ratio Lower Upper

70 100

42 44.7 44.4 66.6

101 0.0 8.2 12.4#

130 2.5 19.4 29.0#

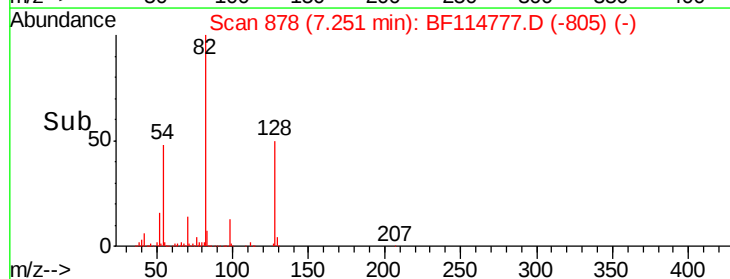
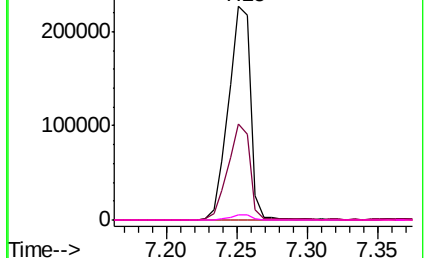


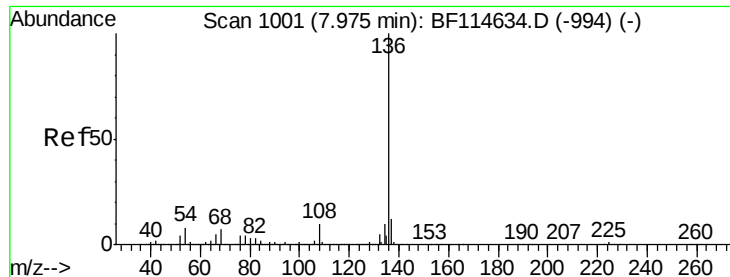
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

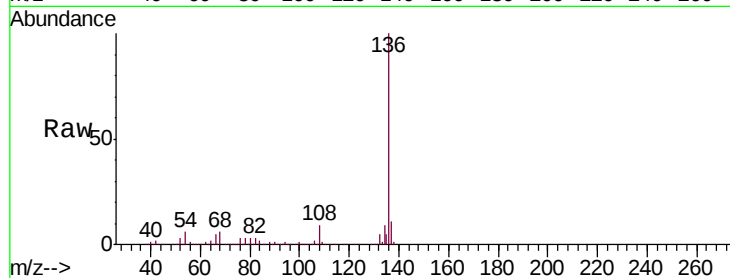




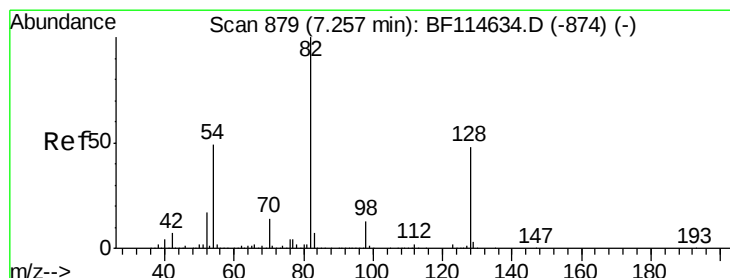
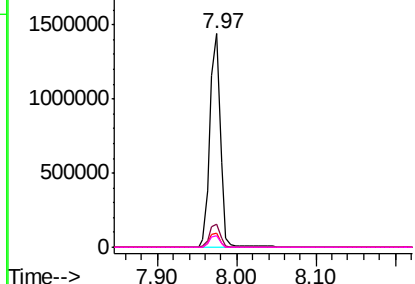
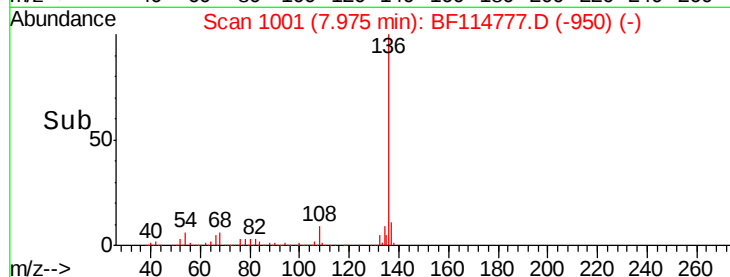
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114777.D
Acq: 2 Jun 2019 1:09

Instrument :
BNA_F
ClientSampleId :
TP-25-S

Tgt Ion:136 Resp: 1341081
Ion Ratio Lower Upper
136 100
137 11.0 9.3 13.9
54 6.5 6.3 9.5
68 5.6 5.4 8.0

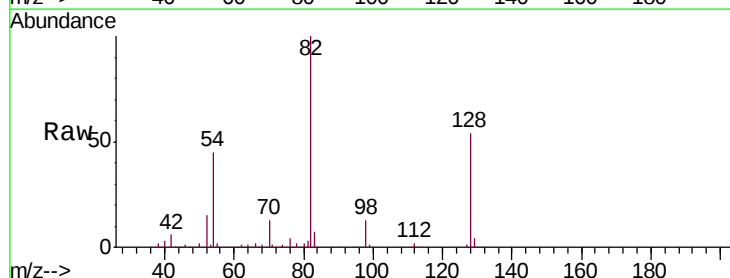


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

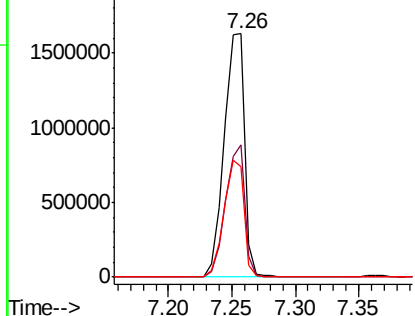
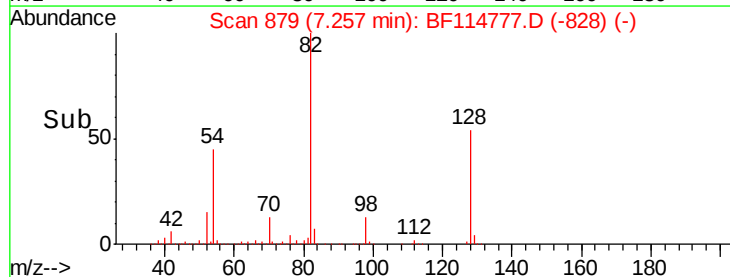


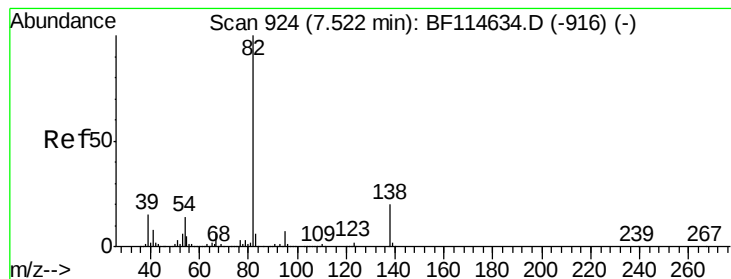
#23
Nitrobenzene-d5
Concen: 84.891 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF114777.D
Acq: 2 Jun 2019 1:09

Tgt Ion: 82 Resp: 1824775
Ion Ratio Lower Upper
82 100
128 54.2 38.5 57.7
54 45.2 39.1 58.7



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: 41.253 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF114777.D

Acq: 2 Jun 2019 1:09

Instrument :

BNA_F

ClientSampleId :

TP-25-S

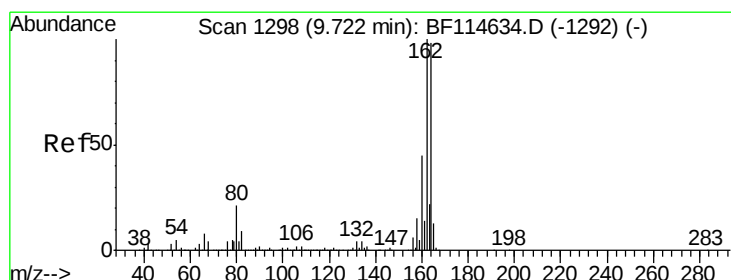
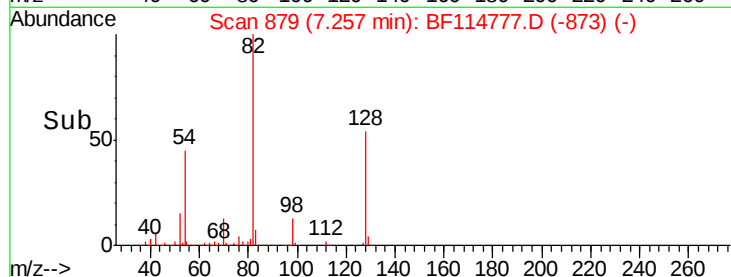
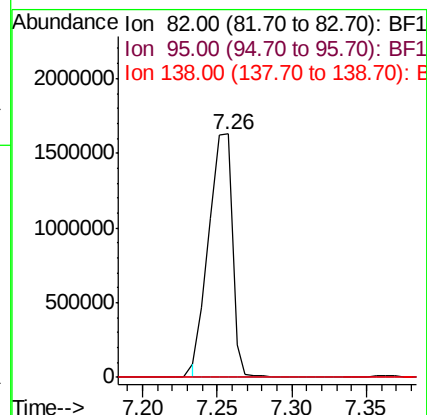
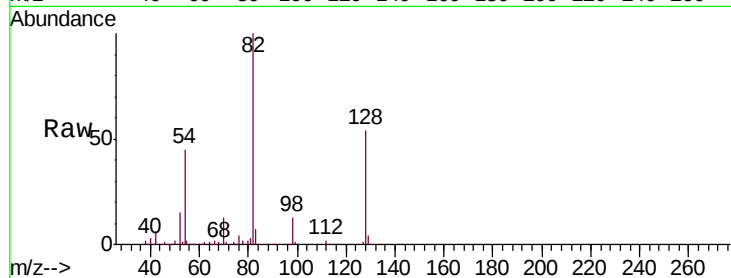
Tgt Ion: 82 Resp: 1779613

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 15.9 23.9#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF114777.D

Acq: 2 Jun 2019 1:09

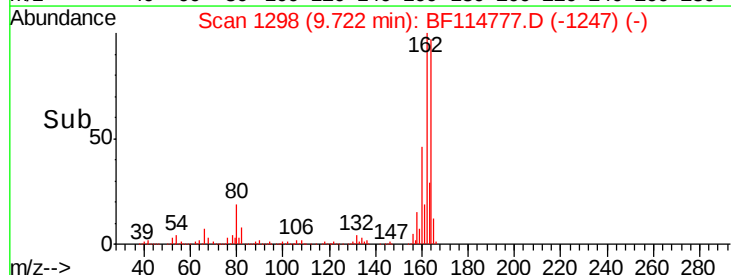
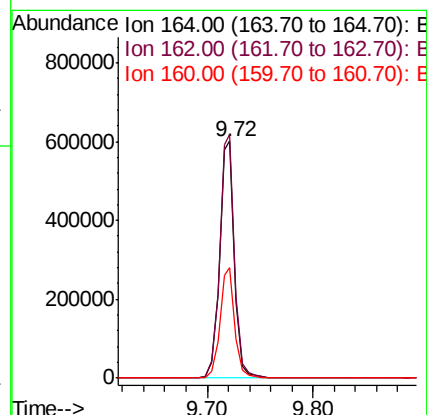
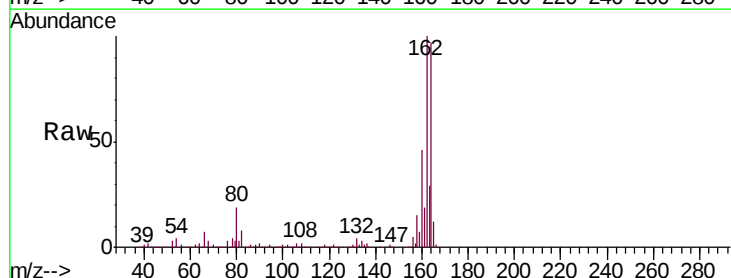
Tgt Ion: 164 Resp: 598108

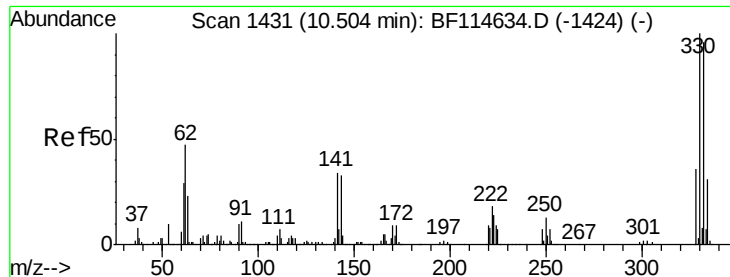
Ion Ratio Lower Upper

164 100

162 102.8 81.4 122.2

160 46.8 36.6 54.8

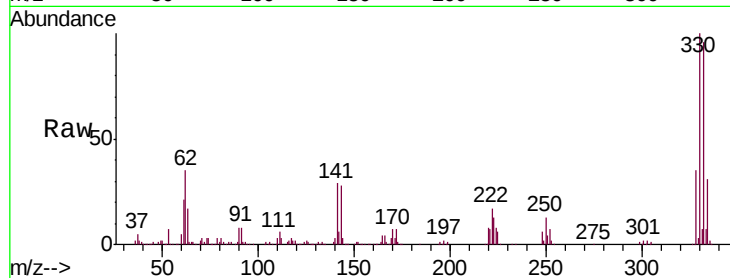




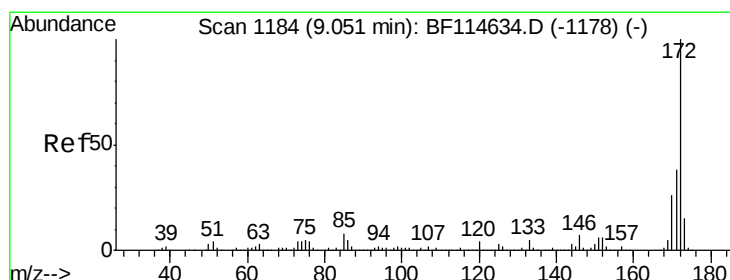
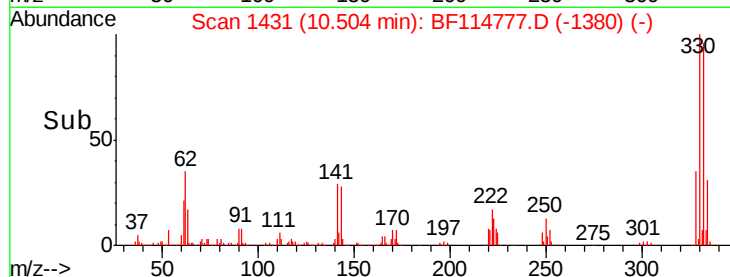
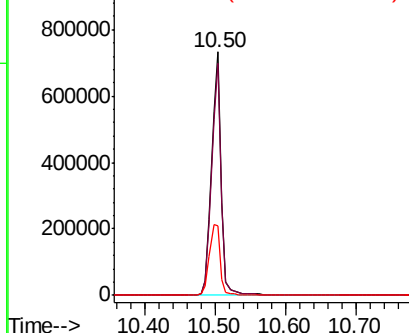
#42
 2,4,6-Tribromophenol
 Concen: 122.189 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF114777.D
 Acq: 2 Jun 2019 1:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-25-S

Tgt Ion:330 Resp: 696360
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.8 113.8
 141 33.3 27.8 41.8

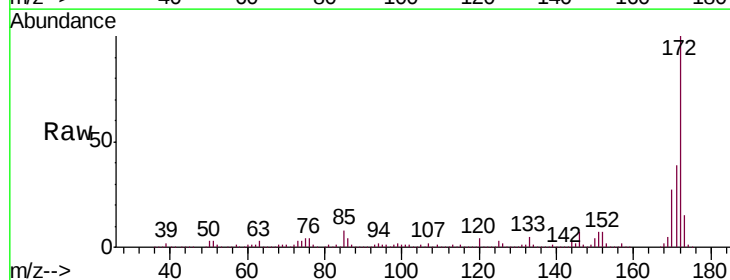


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

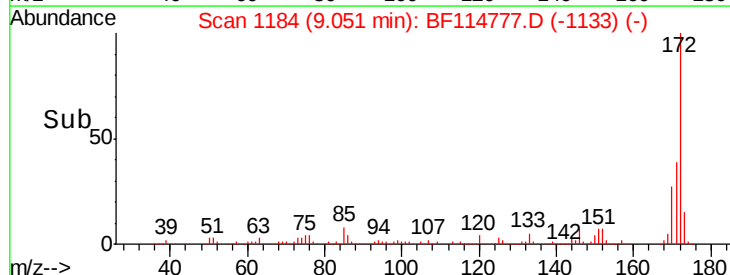
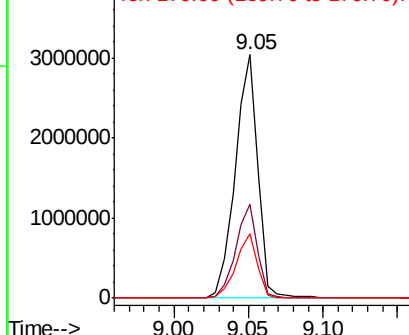


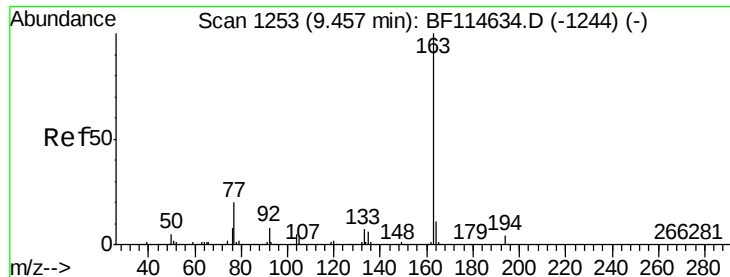
#45
 2-Fluorobiphenyl
 Concen: 104.596 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114777.D
 Acq: 2 Jun 2019 1:09

Tgt Ion:172 Resp: 3212874
 Ion Ratio Lower Upper
 172 100
 171 38.6 30.6 45.8
 170 26.6 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: 3.968 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.26 min

Lab File: BF114777.D

Acq: 2 Jun 2019 1:09

Instrument :

BNA_F

ClientSampleId :

TP-25-S

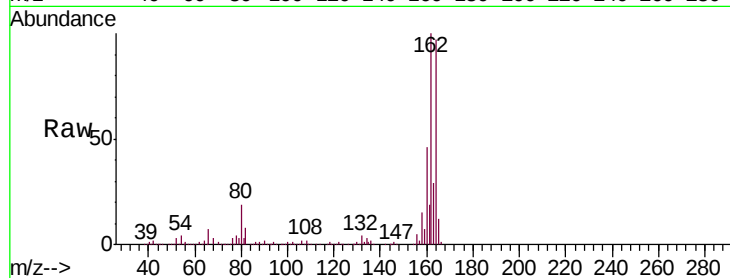
Tgt Ion:163 Resp: 165381

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.0#

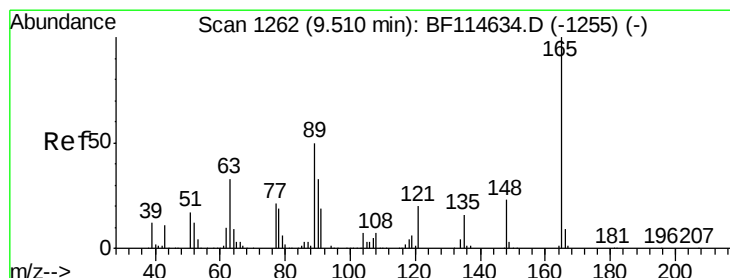
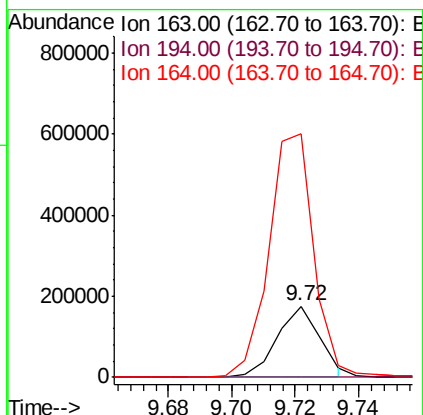
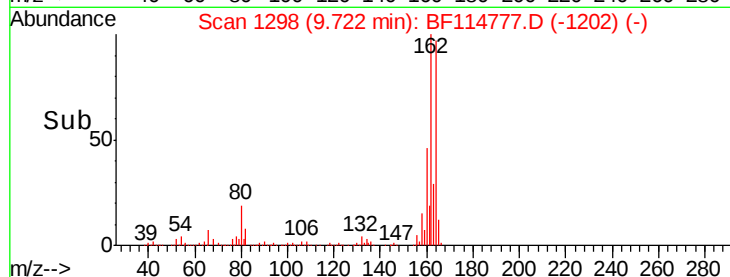
164 341.1 8.6 13.0#



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: 7.891 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.21 min

Lab File: BF114777.D

Acq: 2 Jun 2019 1:09

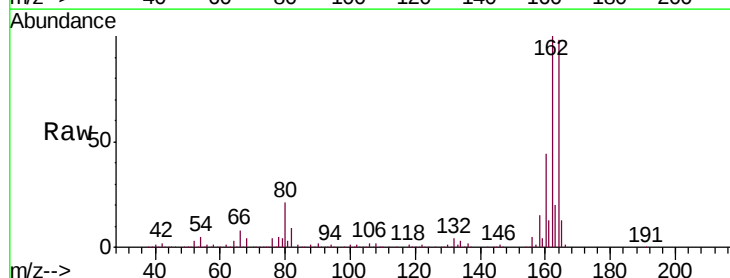
Tgt Ion:165 Resp: 76423

Ion Ratio Lower Upper

165 100

63 1.2 36.6 54.8#

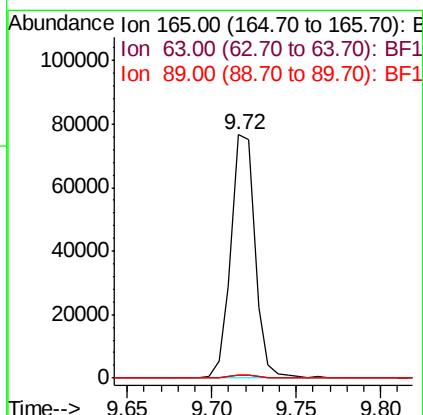
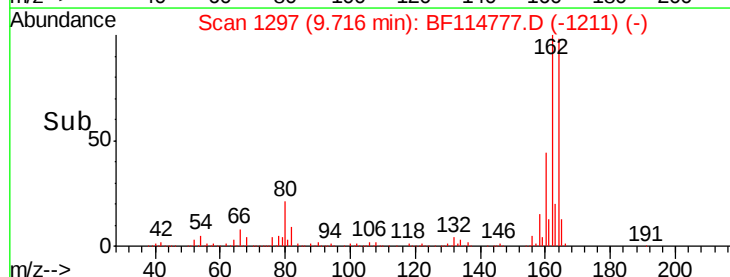
89 1.1 40.2 60.4#

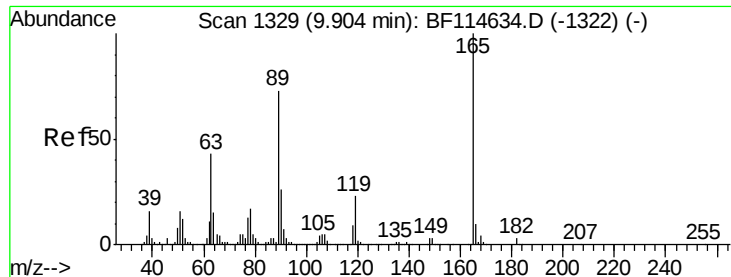


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

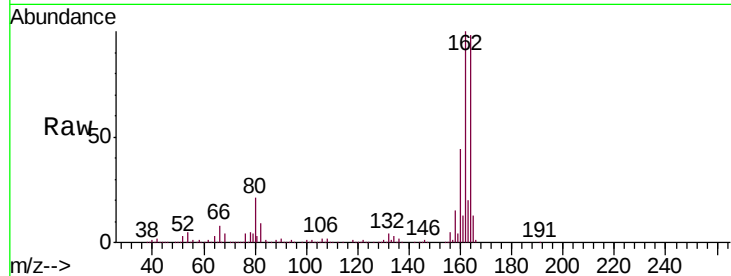




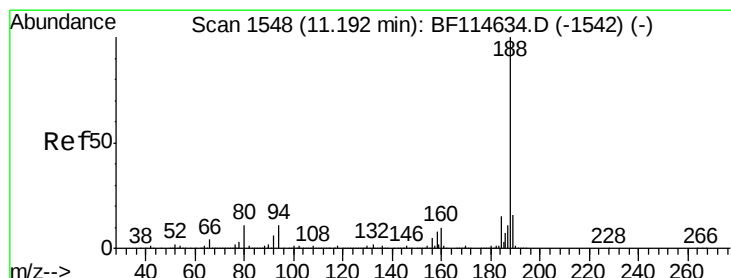
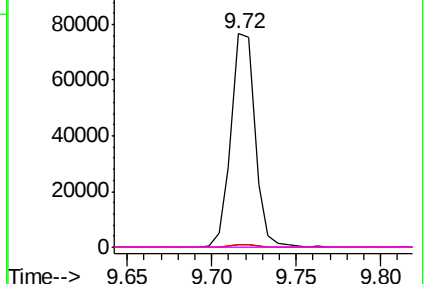
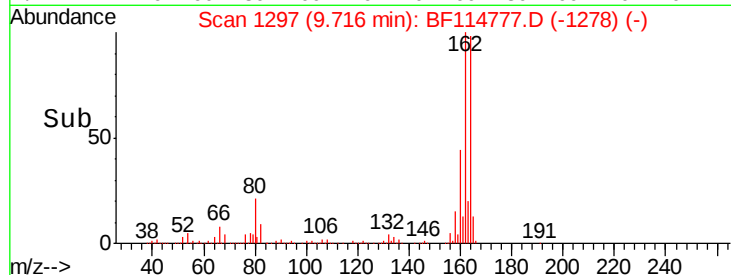
#57
 2,4-Dinitrotoluene
 Concen: 6.149 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.19 min
 Lab File: BF114777.D
 Acq: 2 Jun 2019 1:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-25-S

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.8	52.2#
89	1.1	58.5	87.7#
182	0.0	2.2	3.2#

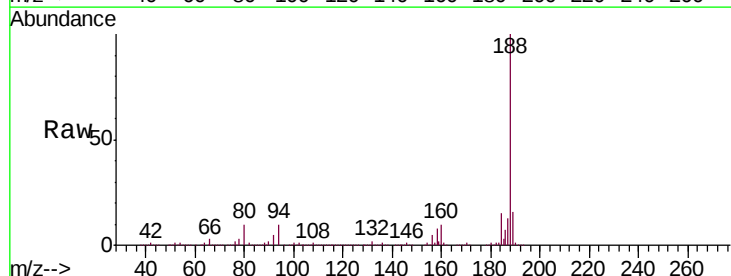


Abundance Ion 165.00 (164.70 to 165.70): E
 120000
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

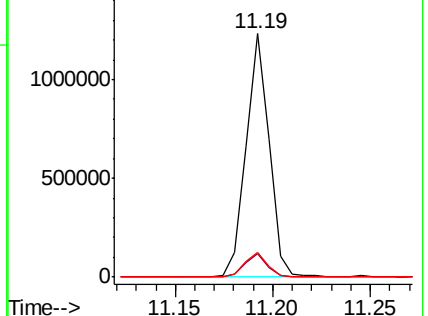
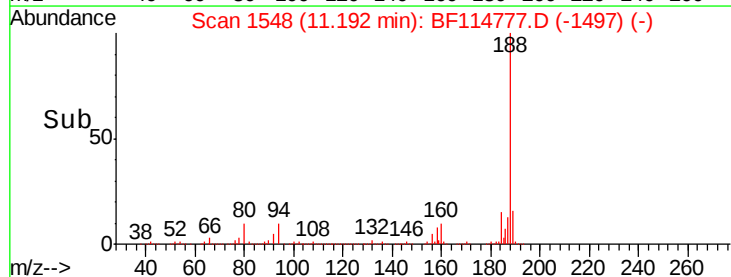


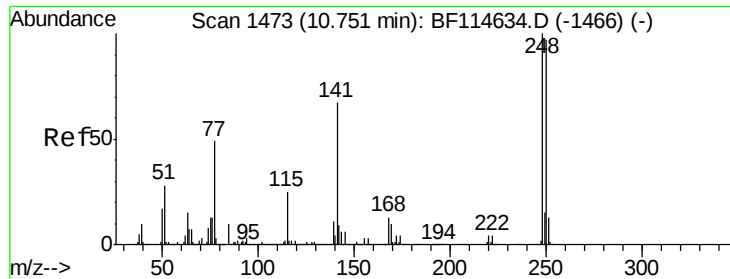
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.00 min
 Lab File: BF114777.D
 Acq: 2 Jun 2019 1:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.6	13.0
80	10.0	9.0	13.6



Abundance Ion 188.00 (187.70 to 188.70): E
 1500000
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

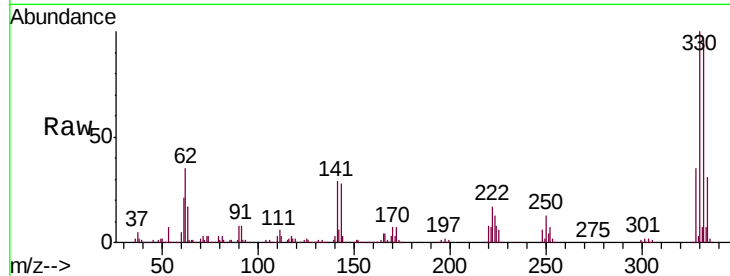




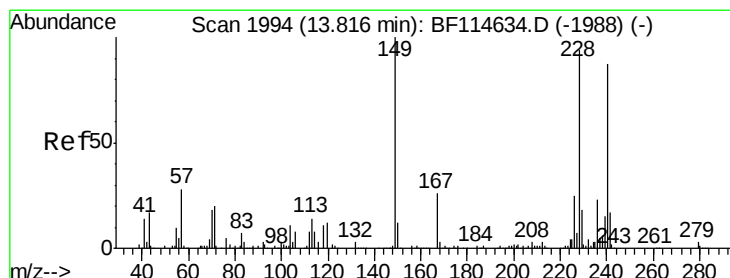
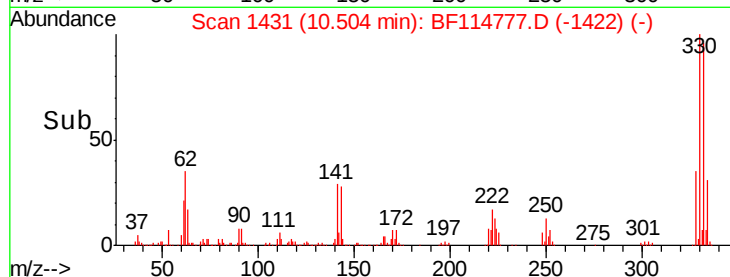
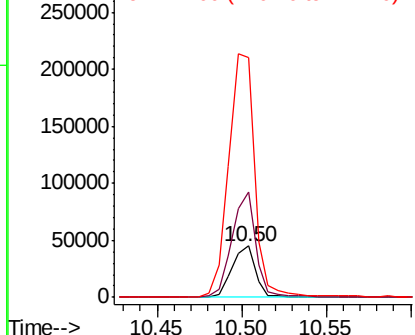
#67
 4-Bromophenyl-phenylether
 Concen: 4.032 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.25 min
 Lab File: BF114777.D
 Acq: 2 Jun 2019 1:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-25-S

Tgt Ion:248 Resp: 43867
 Ion Ratio Lower Upper
 248 100
 250 205.1 78.0 117.0#
 141 468.3 53.8 80.8#

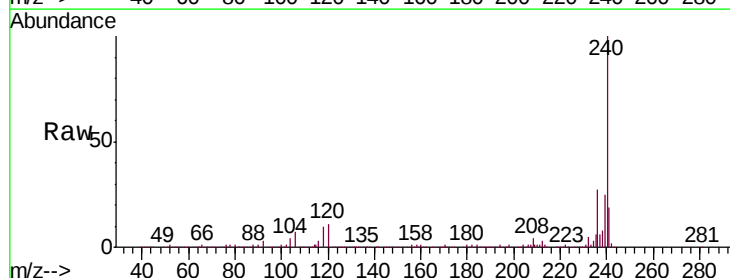


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

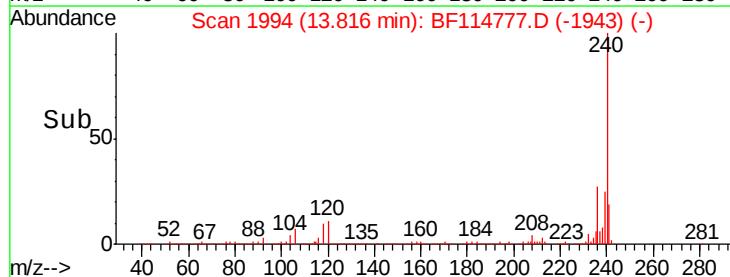
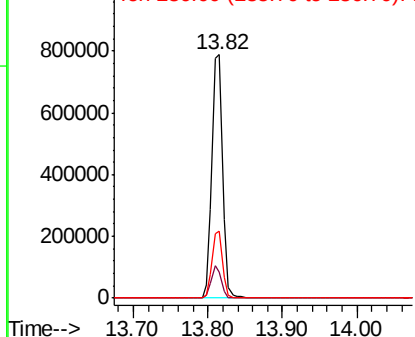


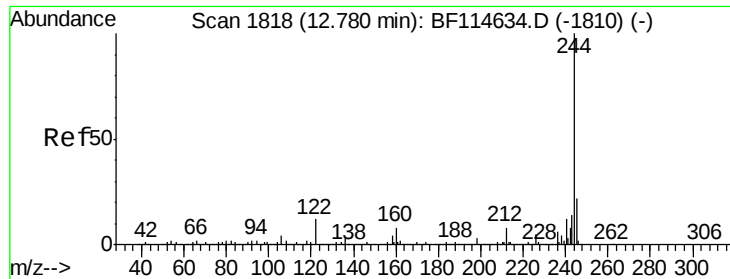
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BF114777.D
 Acq: 2 Jun 2019 1:09

Tgt Ion:240 Resp: 784845
 Ion Ratio Lower Upper
 240 100
 120 10.9 11.2 16.8#
 236 27.4 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: 70.142 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF114777.D

Acq: 2 Jun 2019 1:09

Instrument :

BNA_F

ClientSampleId :

TP-25-S

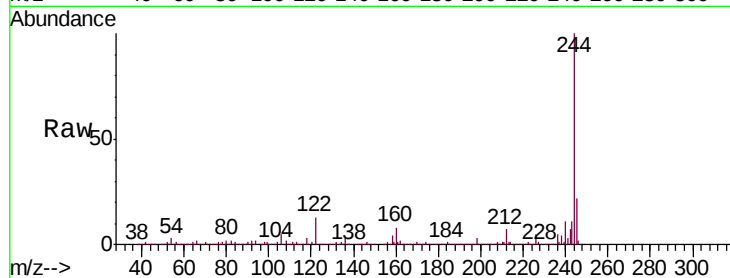
Tgt Ion:244 Resp: 2927994

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

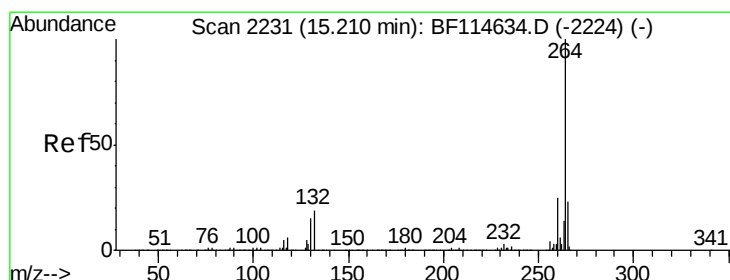
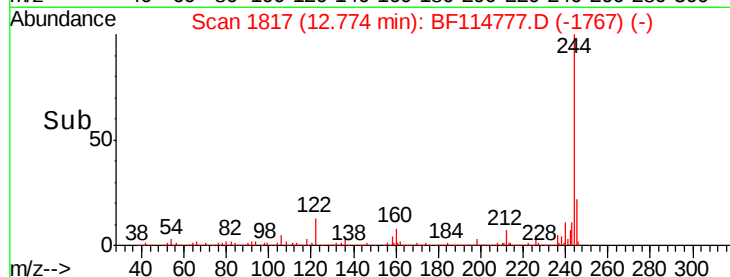
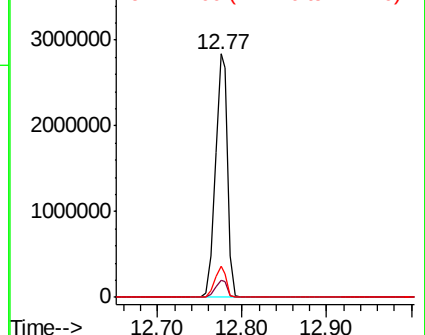
122 13.0 9.8 14.8



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: 15.20 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BF114777.D

Acq: 2 Jun 2019 1:09

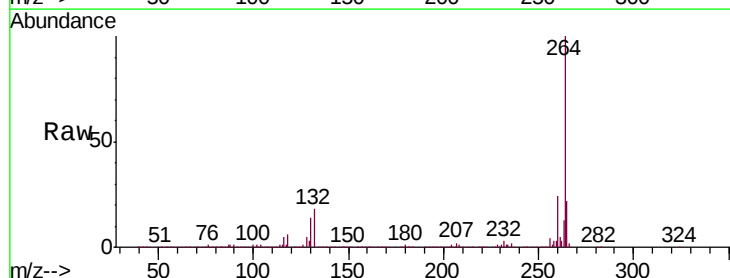
Tgt Ion:264 Resp: 710643

Ion Ratio Lower Upper

264 100

260 24.2 19.7 29.5

265 21.8 18.1 27.1



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

