

Data File : BF114776.D
Acq On : 2 Jun 2019 00:42
Operator : HP/JU
Sample : K3105-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
66-67-TRACK

Quant Time: Jun 03 01:49:08 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	6.70	152	363364	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1298574	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	568343	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	989770	20.00	ng	0.00
76) Chrysene-d12	13.82	240	822075	20.00	ng	0.00
87) Perylene-d12	15.20	264	726511	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2239087	108.19	ng	0.02
7) Phenol-d6	6.33	99	2436623	97.70	ng	0.00
23) Nitrobenzene-d5	7.26	82	1746866	83.93	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	659158	121.72	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3062035	104.96	ng	0.00
79) Terphenyl-d14	12.77	244	2864477	65.51	ng	0.00

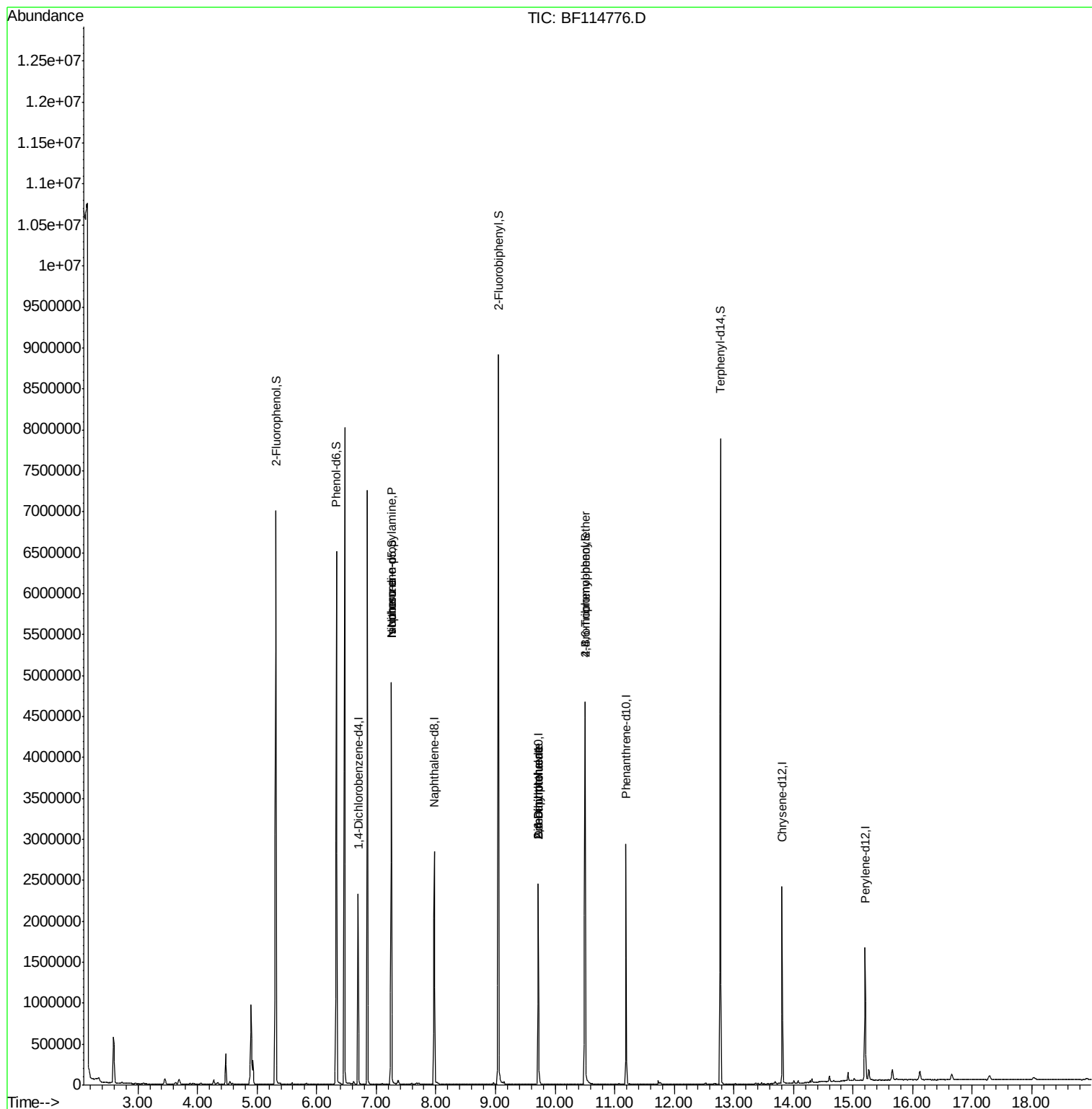
Target Compounds				Qvalue		
9) Benzaldehyde	6.33	77	3632	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	235912	13.704 ng	#	74
25) Isophorone	7.26	82	1706987	40.865 ng	#	63
50) Dimethylphthalate	9.72	163	152636	3.854 ng	#	1
51) 2,6-Dinitrotoluene	9.72	165	72714	7.902 ng	#	30
57) 2,4-Dinitrotoluene	9.72	165	72714	6.157 ng	#	23
58) Fluorene	10.50	166	30726	Below Cal	#	92
67) 4-Bromophenyl-phenylether	10.50	248	41228	3.884 ng	#	1
74) Di-n-butylphthalate	11.76	149	7550	Below Cal		99

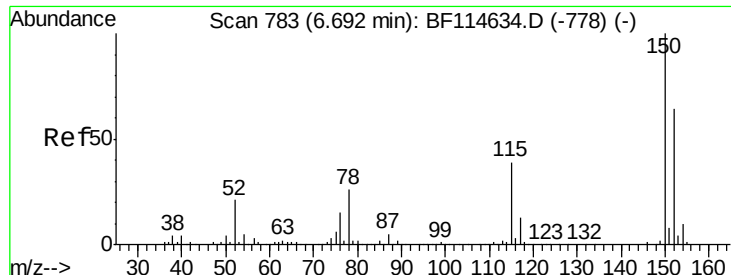
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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66-67-TRACK

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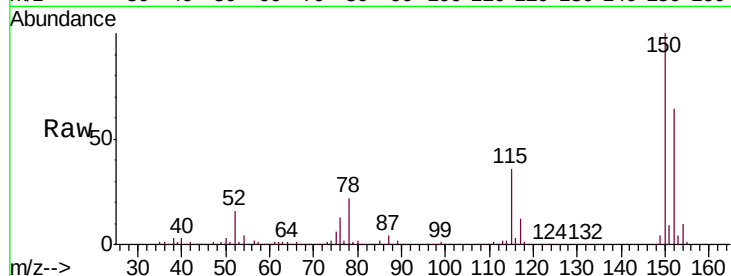


#1

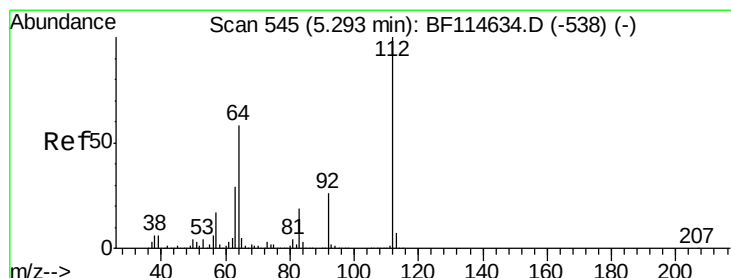
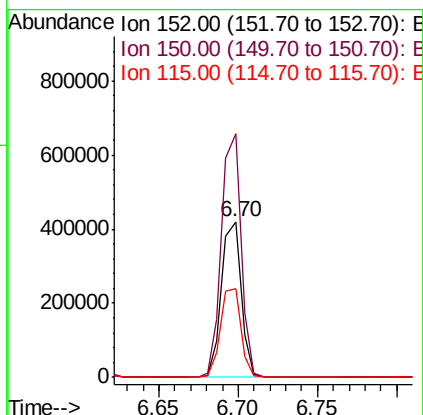
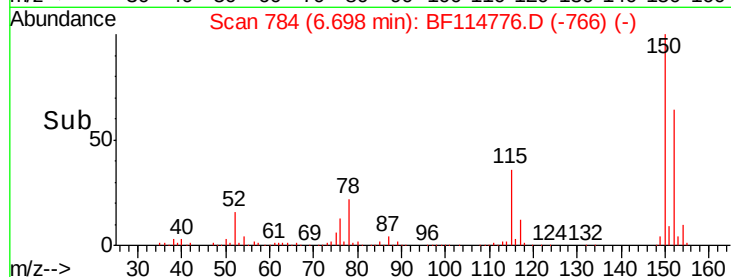
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114776.D
Acq: 2 Jun 2019 00:42

Instrument :
BNA_F
ClientSampleId :
66-67-TRACK

Tgt Ion:152 Resp: 363364
Ion Ratio Lower Upper
152 100
150 156.2 124.4 186.6
115 56.5 48.7 73.1



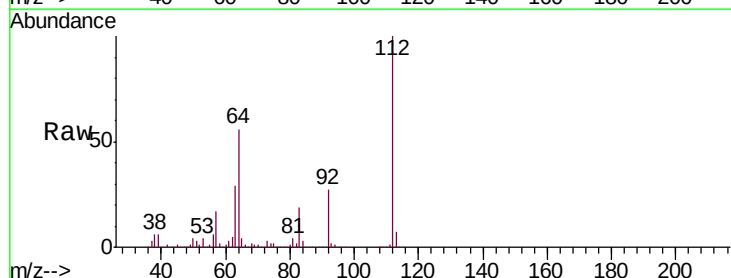
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



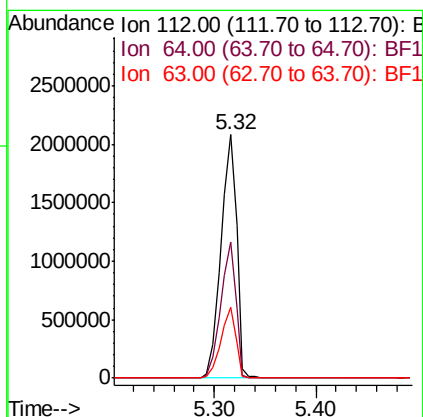
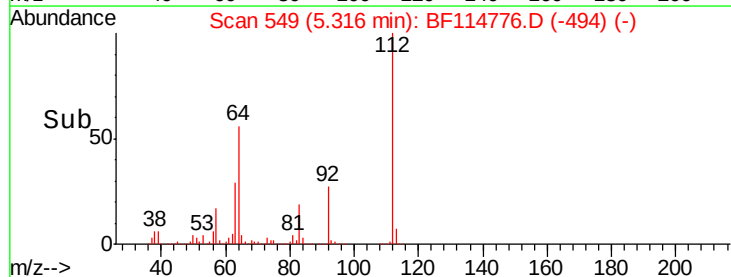
#5

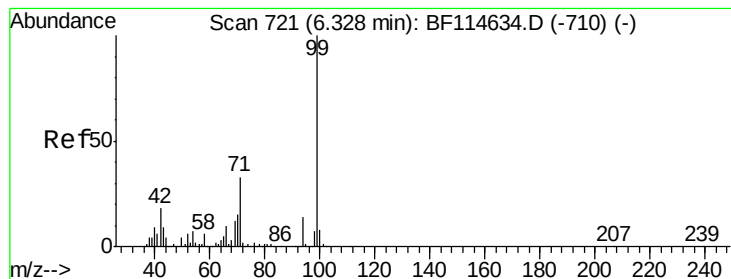
2-Fluorophenol
Concen: 108.189 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF114776.D
Acq: 2 Jun 2019 00:42

Tgt Ion:112 Resp: 2239087
Ion Ratio Lower Upper
112 100
64 55.8 46.1 69.1
63 28.9 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: 97.701 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114776.D

Acq: 2 Jun 2019 00:42

Instrument :

BNA_F

ClientSampleId :

66-67-TRACK

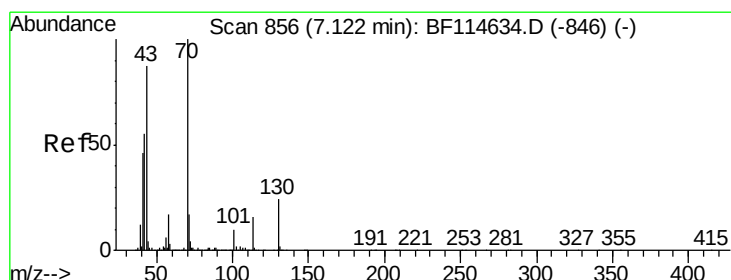
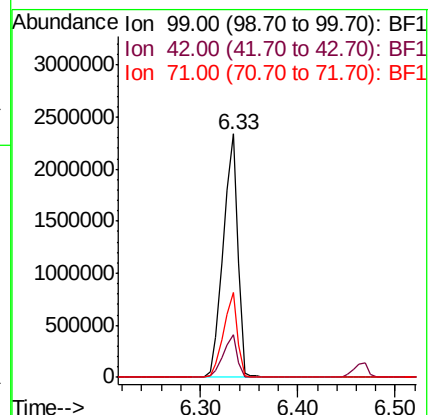
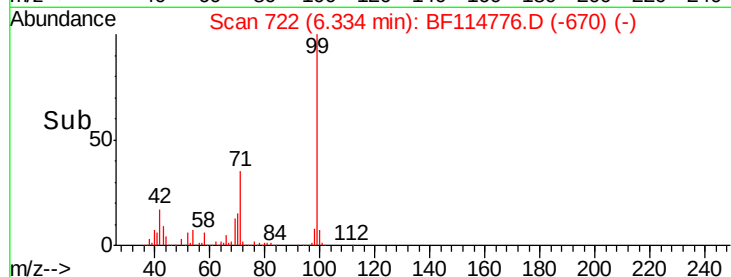
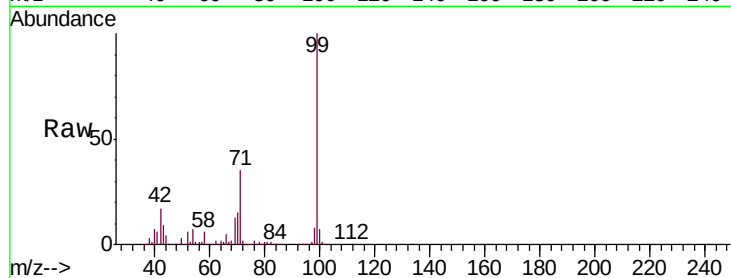
Tgt Ion: 99 Resp: 2436623

Ion Ratio Lower Upper

99 100

42 17.5 14.7 22.1

71 35.0 26.6 40.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.704 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF114776.D

Acq: 2 Jun 2019 00:42

Tgt Ion: 70 Resp: 235912

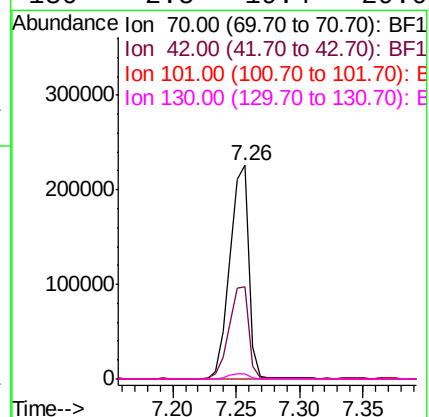
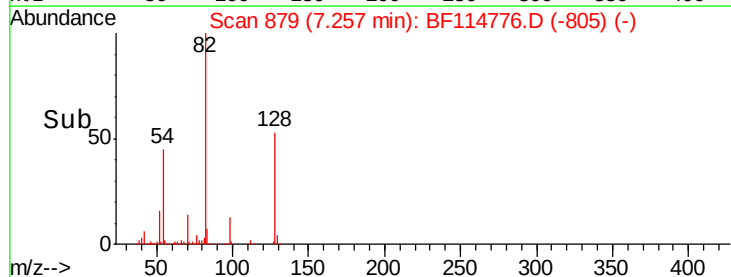
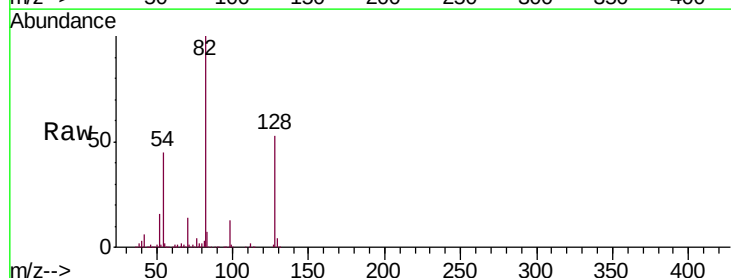
Ion Ratio Lower Upper

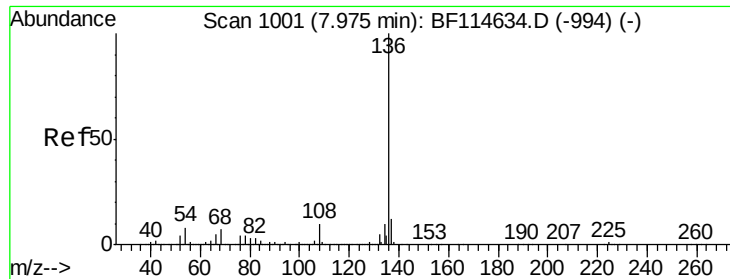
70 100

42 43.0 44.4 66.6#

101 0.0 8.2 12.4#

130 2.5 19.4 29.0#

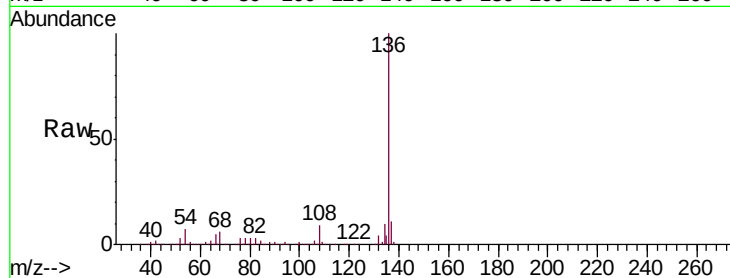




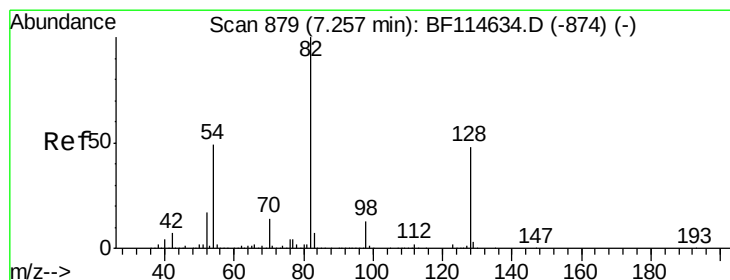
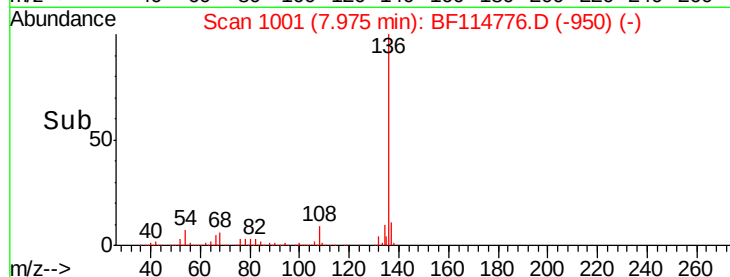
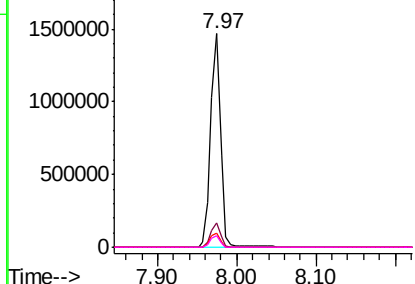
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114776.D
Acq: 2 Jun 2019 00:42

Instrument :
BNA_F
ClientSampleId :
66-67-TRACK

Tgt Ion:	136	Resp:	1298574
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	6.6	6.3	9.5
68	5.6	5.4	8.0

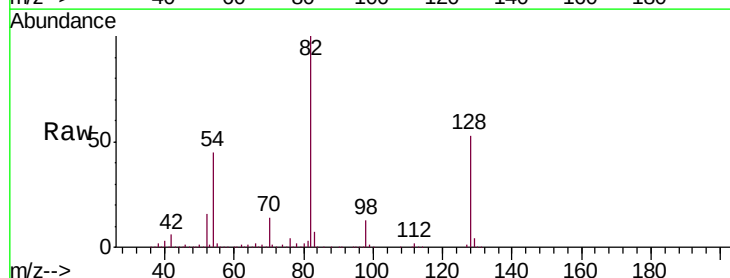


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

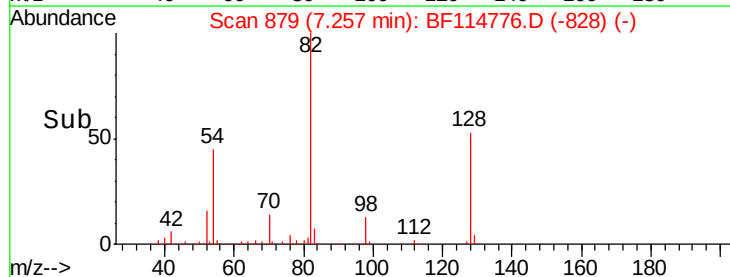
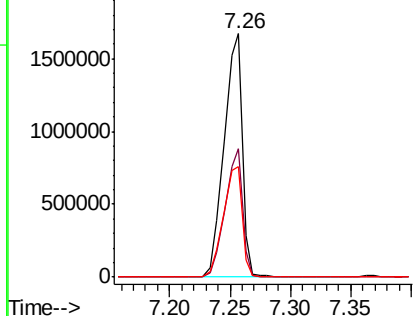


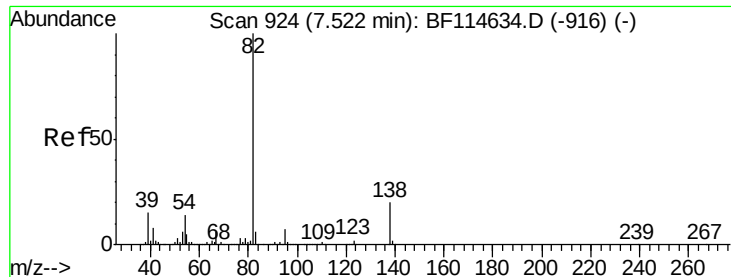
#23
Nitrobenzene-d5
Concen: 83.927 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF114776.D
Acq: 2 Jun 2019 00:42

Tgt Ion:	82	Resp:	1746866
Ion	Ratio	Lower	Upper
82	100		
128	52.8	38.5	57.7
54	45.3	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: 40.865 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF114776.D

Acq: 2 Jun 2019 00:42

Instrument :

BNA_F

ClientSampleId :

66-67-TRACK

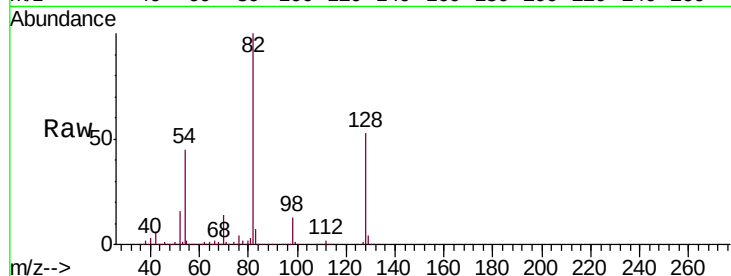
Tgt Ion: 82 Resp: 1706987

Ion Ratio Lower Upper

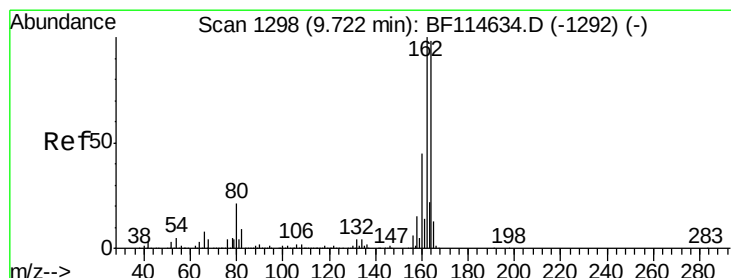
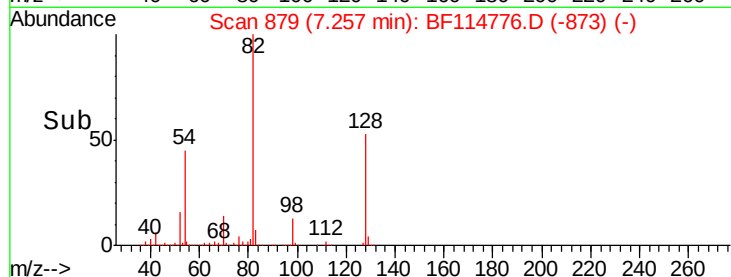
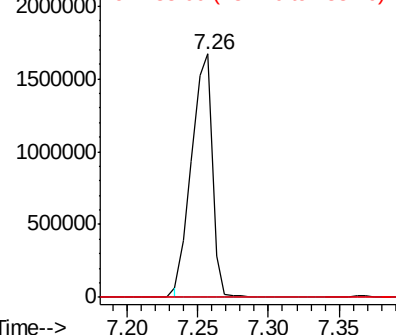
82 100

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: BF114776.D

Acq: 2 Jun 2019 00:42

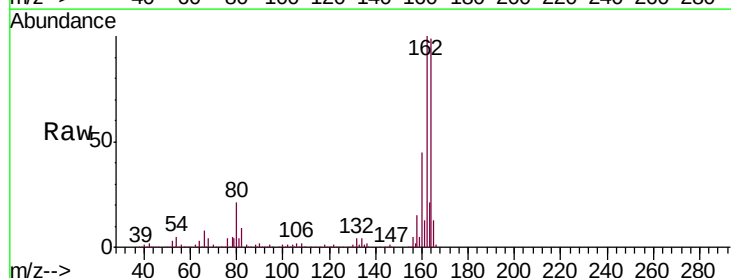
Tgt Ion: 164 Resp: 568343

Ion Ratio Lower Upper

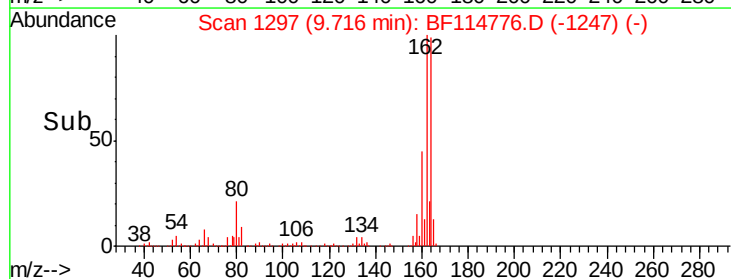
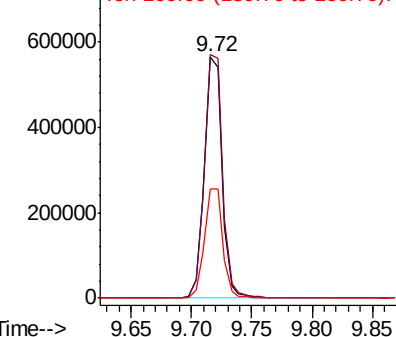
164 100

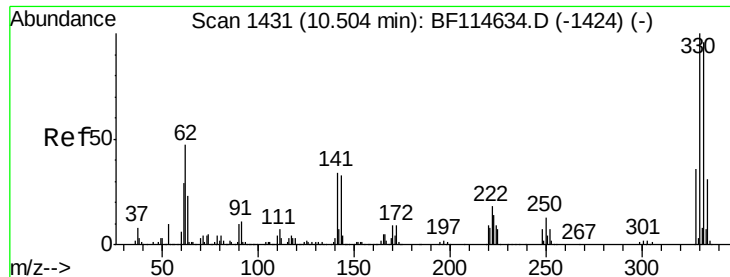
162 101.0 81.4 122.2

160 45.1 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

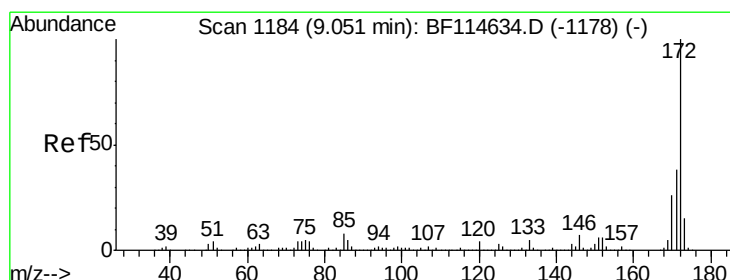
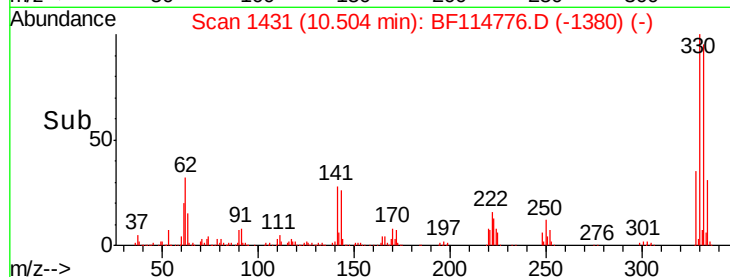
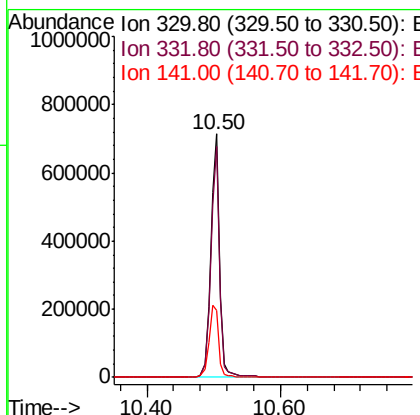
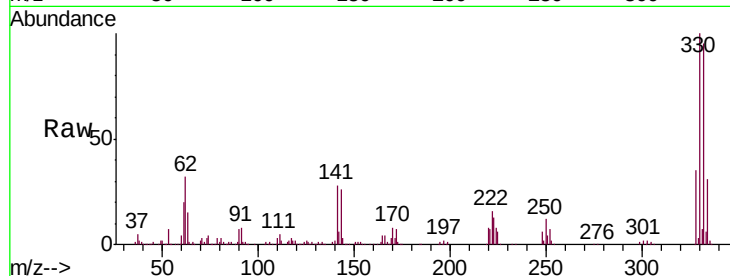




#42
 2,4,6-Tribromophenol
 Concen: 121.719 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF114776.D
 Acq: 2 Jun 2019 00:42

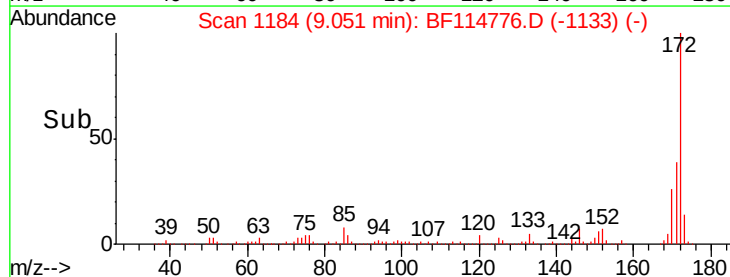
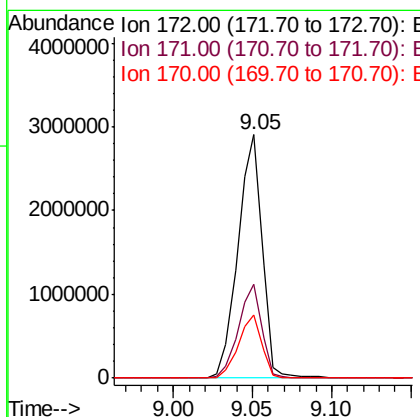
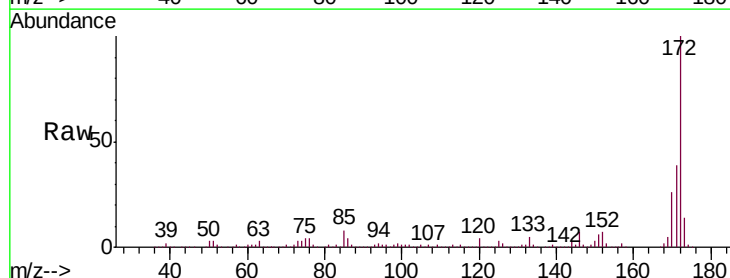
Instrument :
 BNA_F
 ClientSampleId :
 66-67-TRACK

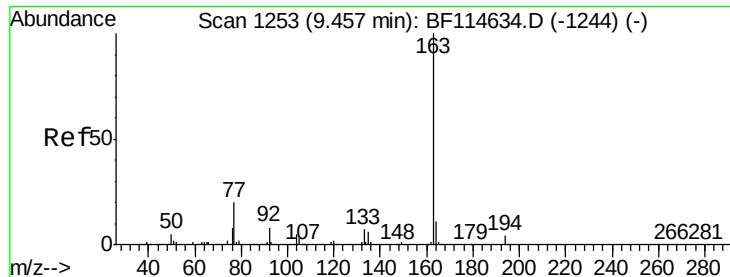
Tgt Ion:330 Resp: 659158
 Ion Ratio Lower Upper
 330 100
 332 94.5 75.8 113.8
 141 32.7 27.8 41.8



#45
 2-Fluorobiphenyl
 Concen: 104.965 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114776.D
 Acq: 2 Jun 2019 00:42

Tgt Ion:172 Resp: 3062035
 Ion Ratio Lower Upper
 172 100
 171 38.7 30.6 45.8
 170 26.1 20.7 31.1





#50

Dimethylphthalate

Concen: 3.854 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.26 min

Lab File: BF114776.D

Acq: 2 Jun 2019 00:42

Instrument :

BNA_F

ClientSampleId :

66-67-TRACK

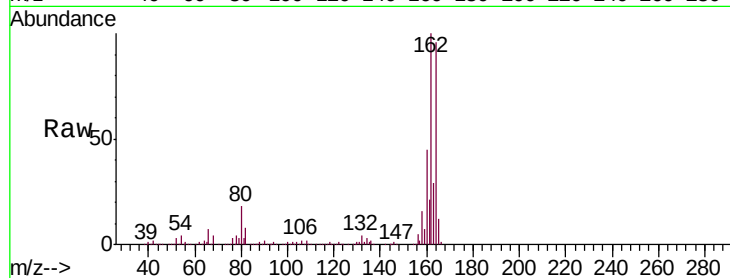
Tgt Ion:163 Resp: 152636

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.0#

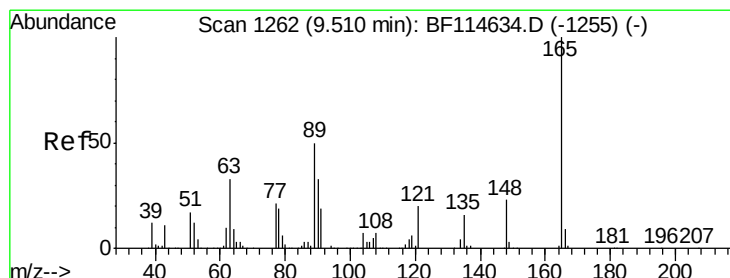
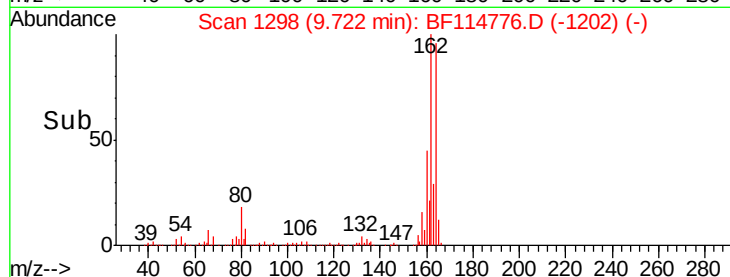
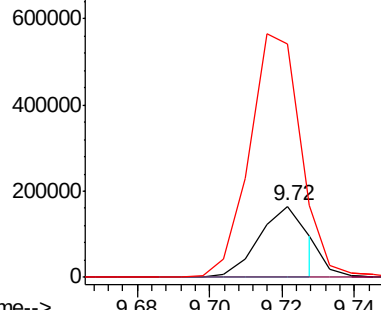
164 328.2 8.6 13.0#



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: 7.902 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.21 min

Lab File: BF114776.D

Acq: 2 Jun 2019 00:42

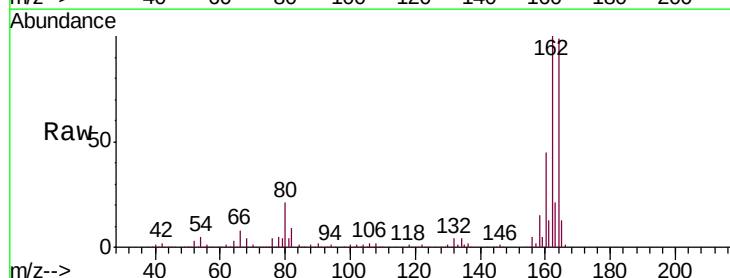
Tgt Ion:165 Resp: 72714

Ion Ratio Lower Upper

165 100

63 0.8 36.6 54.8#

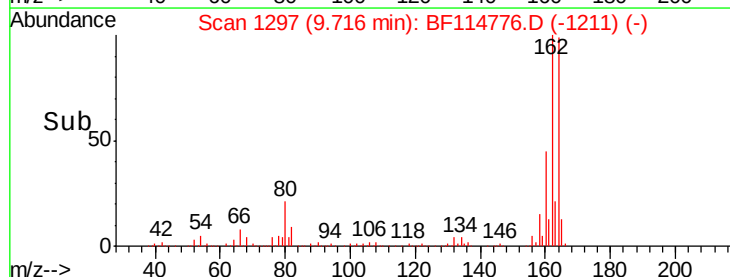
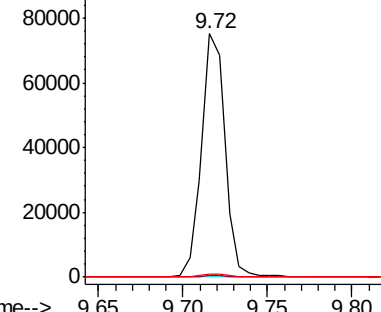
89 1.3 40.2 60.4#

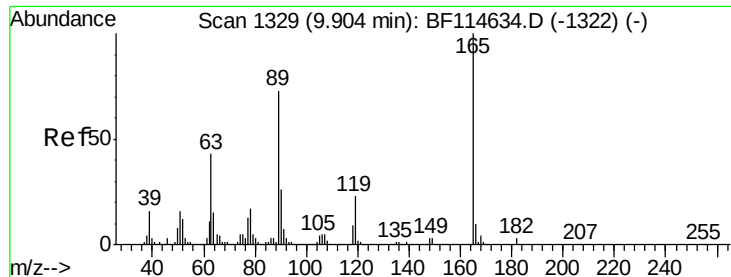


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

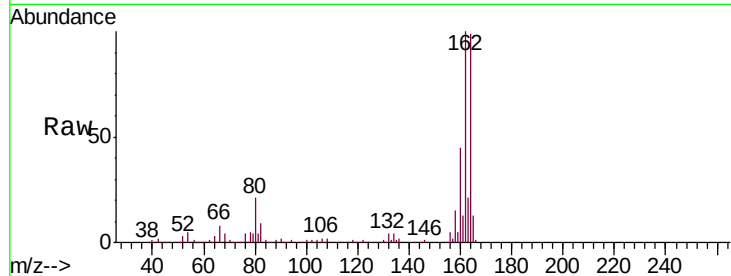




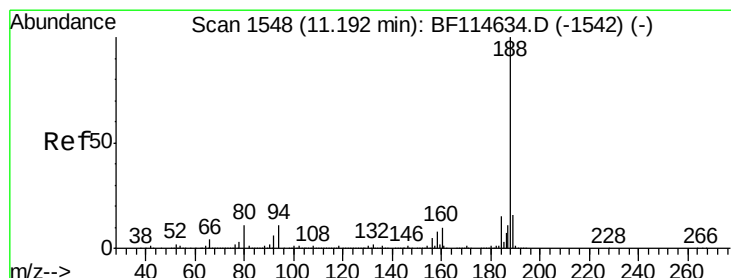
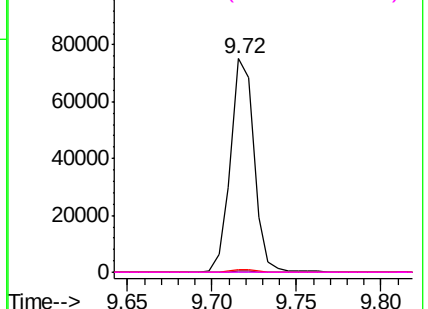
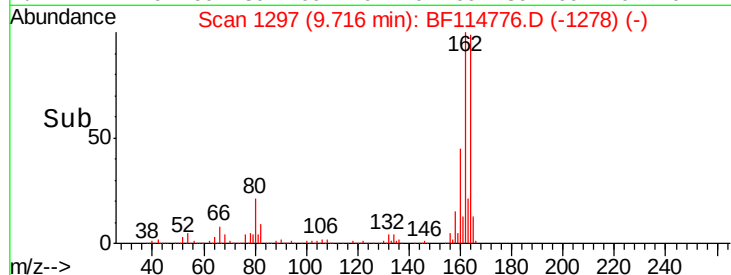
#57
2,4-Dinitrotoluene
Concen: 6.157 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.19 min
Lab File: BF114776.D
Acq: 2 Jun 2019 00:42

Instrument :
BNA_F
ClientSampleId :
66-67-TRACK

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	34.8	52.2#
89	1.3	58.5	87.7#
182	0.0	2.2	3.2#

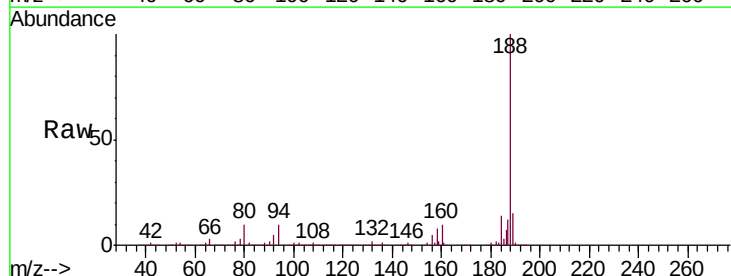


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

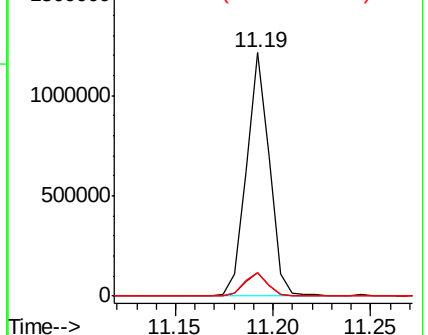
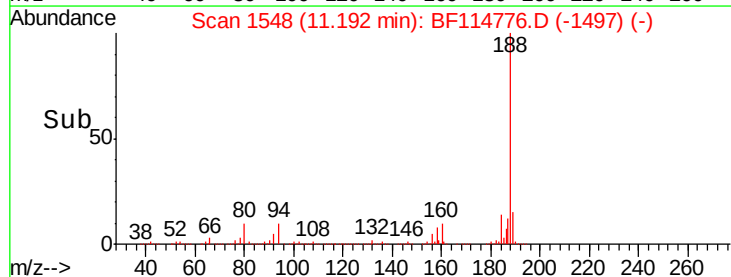


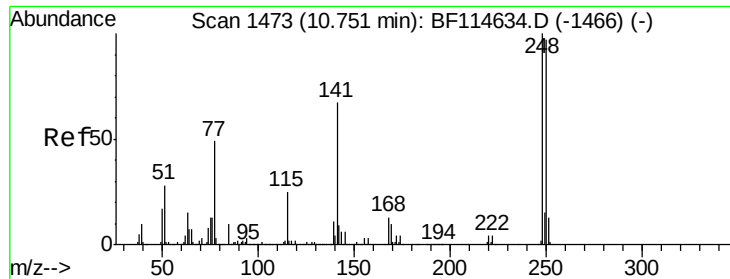
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF114776.D
Acq: 2 Jun 2019 00:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.6	13.0
80	9.9	9.0	13.6



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

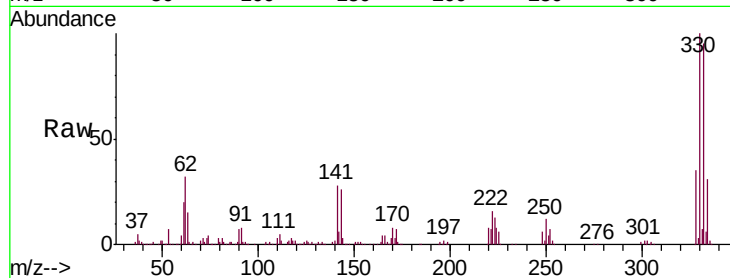




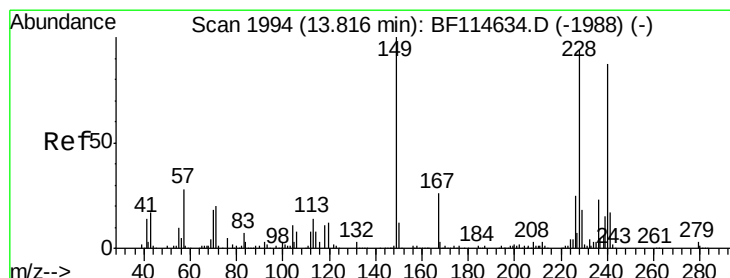
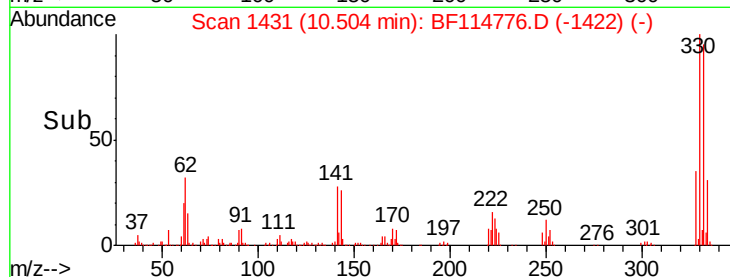
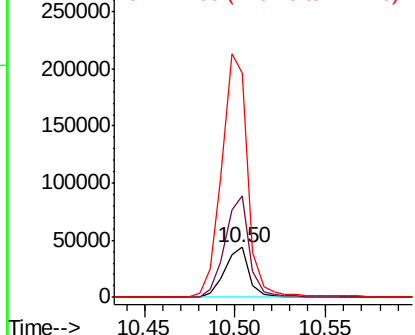
#67
4-Bromophenyl-phenylether
Concen: 3.884 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF114776.D
Acq: 2 Jun 2019 00:42

Instrument :
BNA_F
ClientSampleId :
66-67-TRACK

Tgt Ion:248 Resp: 41228
Ion Ratio Lower Upper
248 100
250 202.2 78.0 117.0#
141 449.8 53.8 80.8#

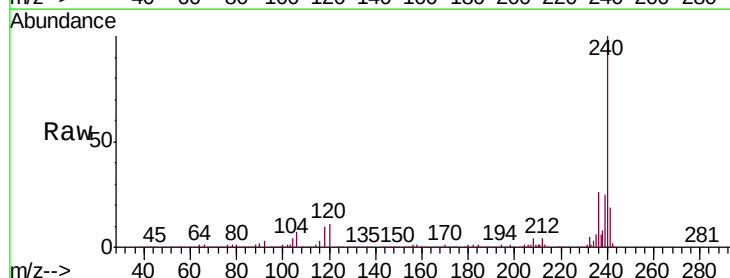


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

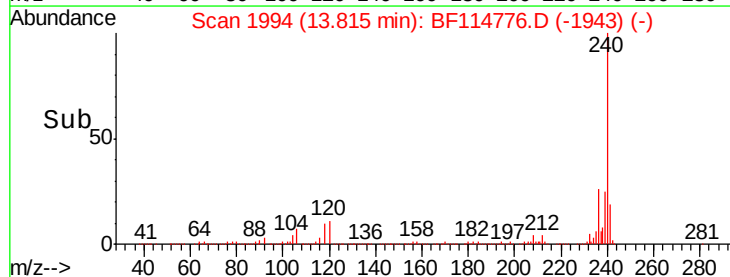
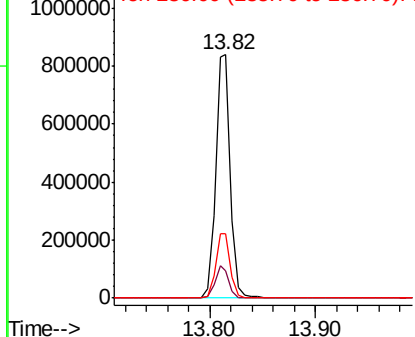


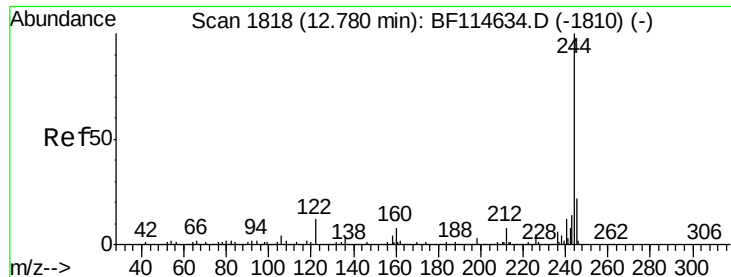
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF114776.D
Acq: 2 Jun 2019 00:42

Tgt Ion:240 Resp: 822075
Ion Ratio Lower Upper
240 100
120 11.0 11.2 16.8#
236 26.5 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: 65.513 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF114776.D

Acq: 2 Jun 2019 00:42

Instrument :

BNA_F

ClientSampleId :

66-67-TRACK

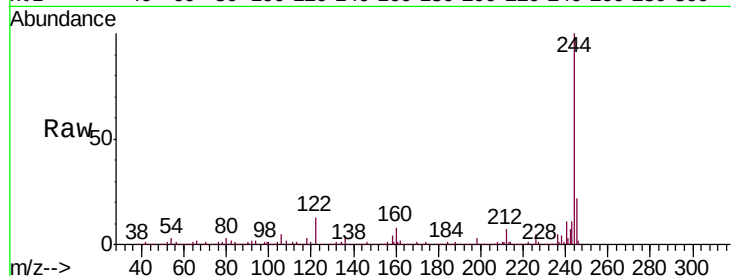
Tgt Ion:244 Resp: 2864477

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

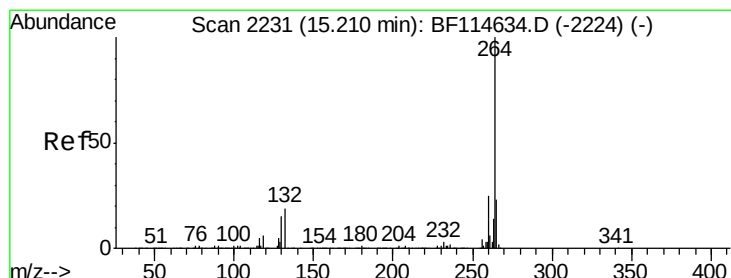
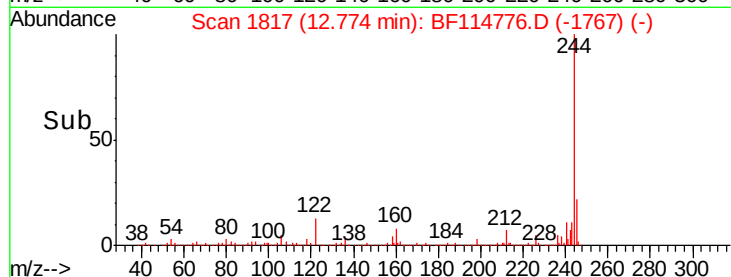
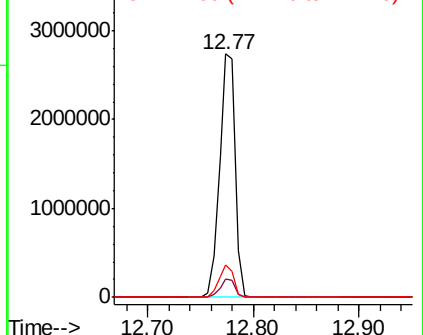
122 13.4 9.8 14.8



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: BF114776.D

Acq: 2 Jun 2019 00:42

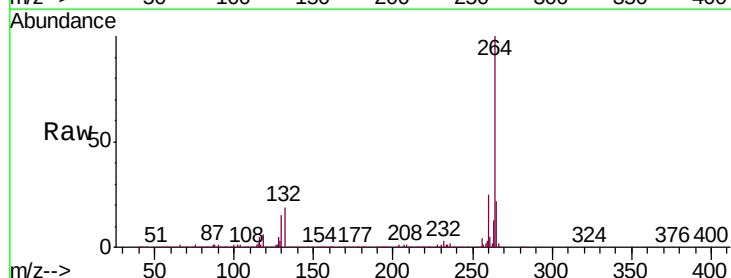
Tgt Ion:264 Resp: 726511

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 21.7 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

