

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032819\
 Data File : BF113377.D
 Acq On : 28 Mar 2019 16:41
 Operator : JU/SJ
 Sample : K2107-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Mar 29 02:11:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

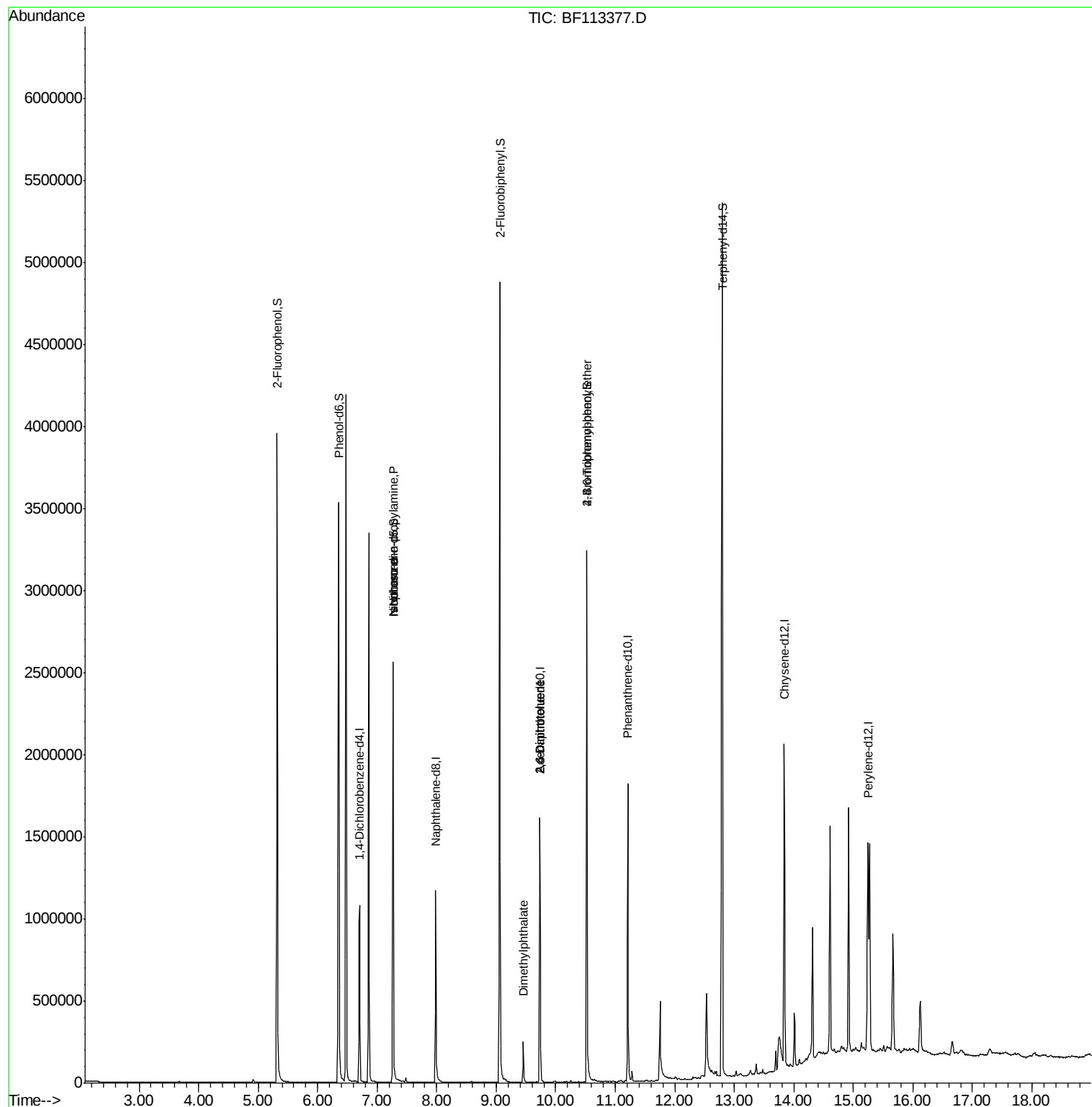
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	172709	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	654893	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	333418	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	715194	20.00	ng	0.00
76) Chrysene-d12	13.84	240	699215	20.00	ng	0.00
87) Perylene-d12	15.24	264	628810	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1204429	114.03	ng	0.00
7) Phenol-d6	6.36	99	1599658	119.72	ng	0.00
23) Nitrobenzene-d5	7.27	82	971074	88.01	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	502946	122.12	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1748029	81.43	ng	0.00
79) Terphenyl-d14	12.80	244	2220204	69.99	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	124179	14.795	ng	# 74
25) Isophorone	7.27	82	952955	44.566	ng	# 64
50) Dimethylphthalate	9.45	163	117874	4.770	ng	100
51) 2,6-Dinitrotoluene	9.73	165	43015	7.717	ng	# 26
57) 2,4-Dinitrotoluene	9.73	165	43015	6.068	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	28230	3.622	ng	# 1

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

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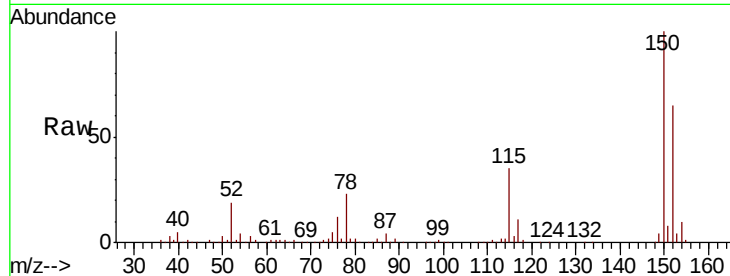


#1

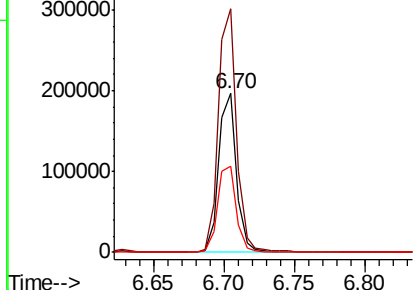
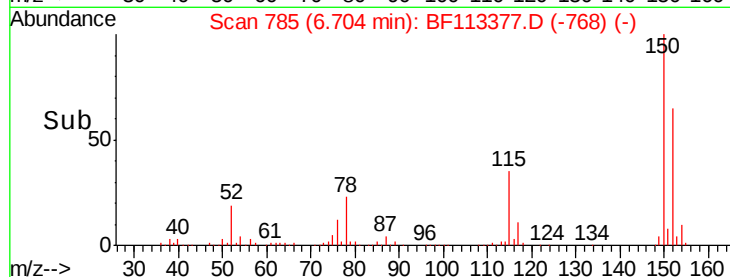
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113377.D
Acq: 28 Mar 2019 16:41

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:152 Resp: 172709
Ion Ratio Lower Upper
152 100
150 153.4 124.7 187.1
115 54.3 46.0 69.0



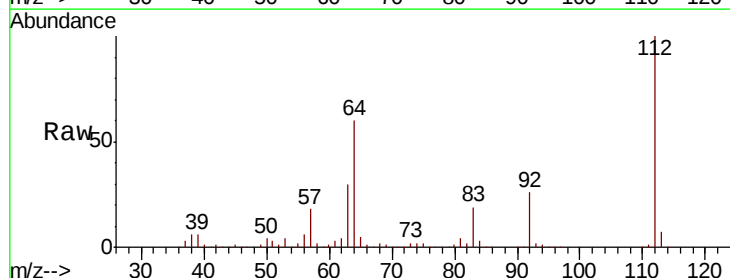
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



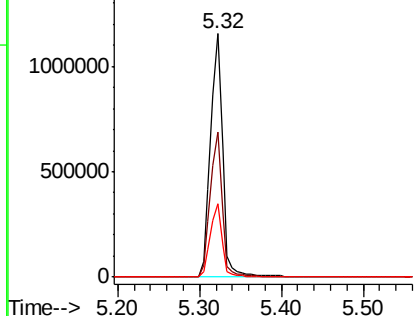
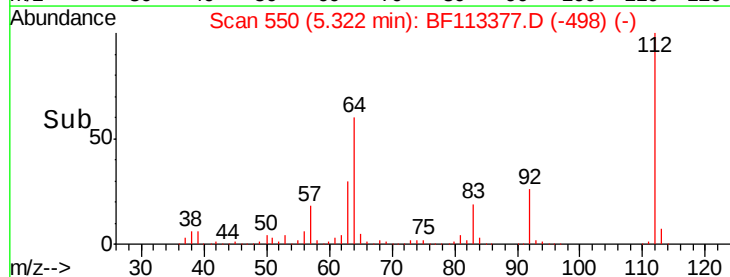
#5

2-Fluorophenol
Concen: 114.029 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113377.D
Acq: 28 Mar 2019 16:41

Tgt Ion:112 Resp: 1204429
Ion Ratio Lower Upper
112 100
64 59.8 49.2 73.8
63 30.1 24.9 37.3



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: 119.716 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113377.D

Acq: 28 Mar 2019 16:41

Instrument :

BNA_F

ClientSampleId :

TP-5

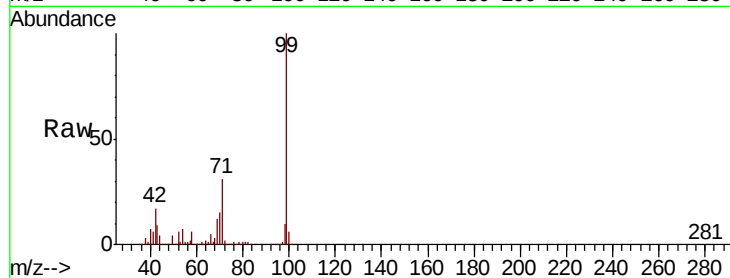
Tgt Ion: 99 Resp: 1599658

Ion Ratio Lower Upper

99 100

42 17.0 14.8 22.2

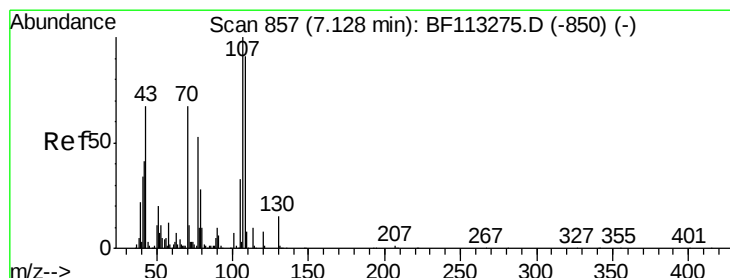
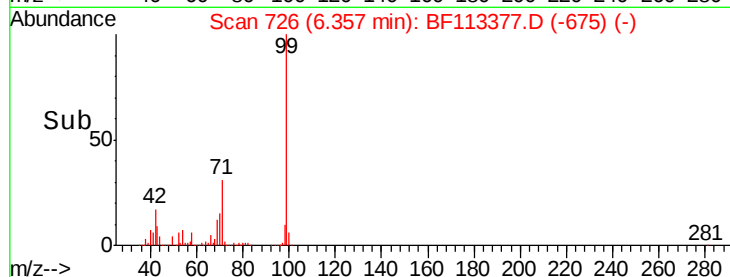
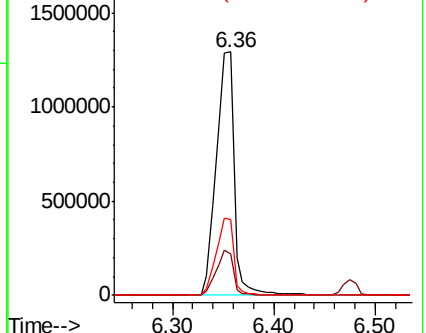
71 31.0 24.9 37.3



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: 14.795 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF113377.D

Acq: 28 Mar 2019 16:41

Tgt Ion: 70 Resp: 124179

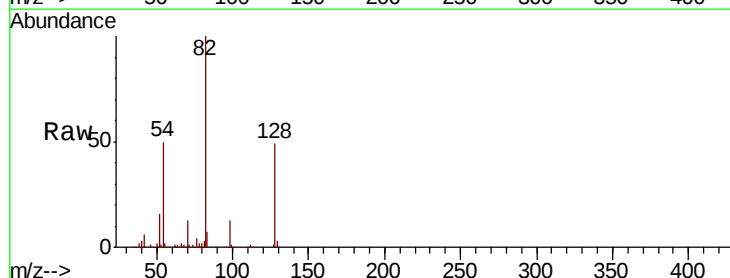
Ion Ratio Lower Upper

70 100

42 46.1 48.4 72.6#

101 0.0 7.8 11.8#

130 2.3 18.2 27.4#

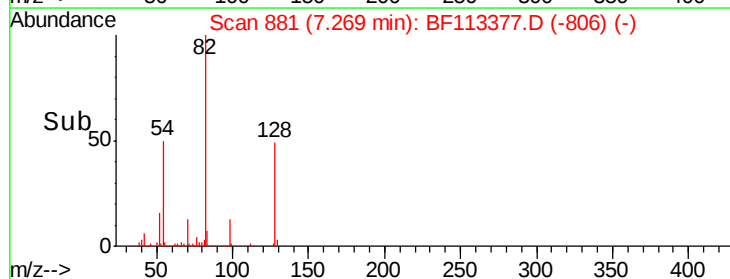
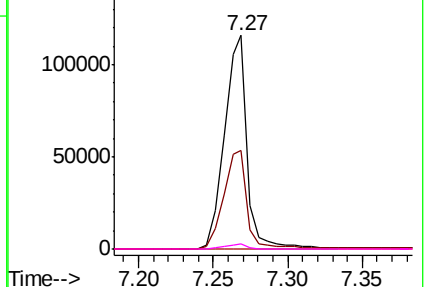


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

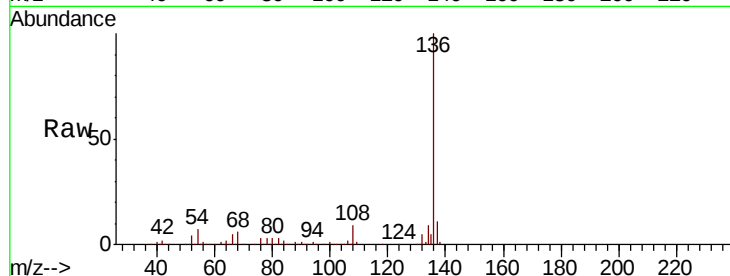




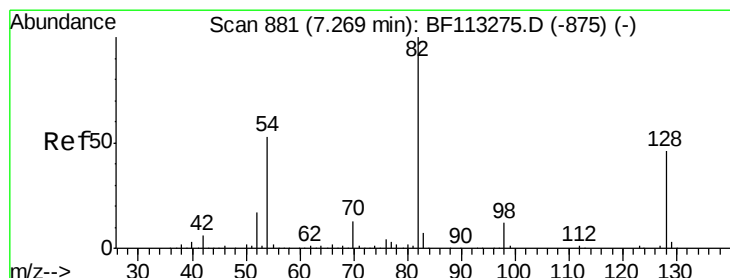
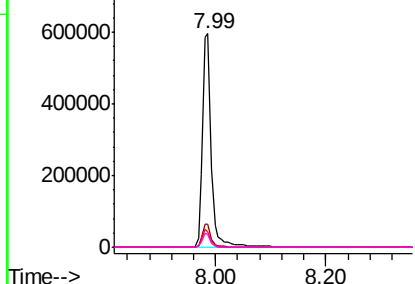
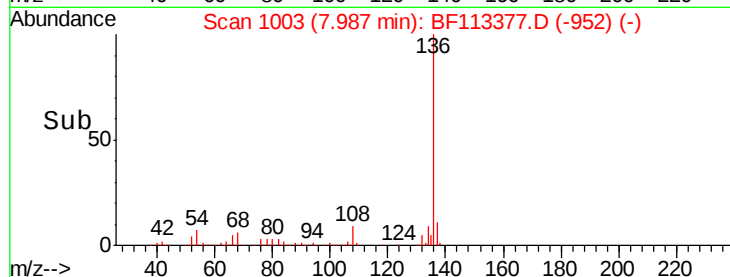
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF113377.D
Acq: 28 Mar 2019 16:41

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:	136	Resp:	654893
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.4	7.0	10.6
68	5.7	4.8	7.2

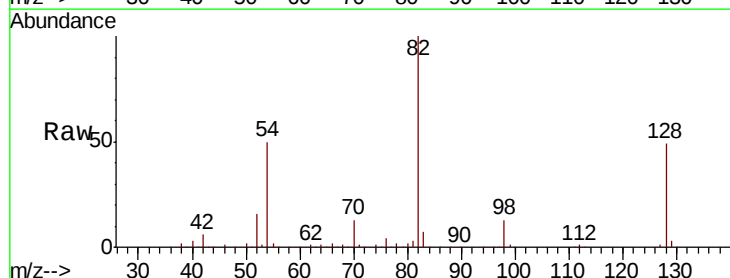


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

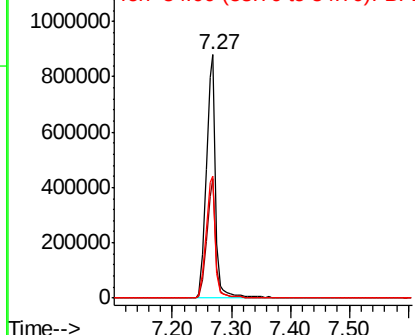
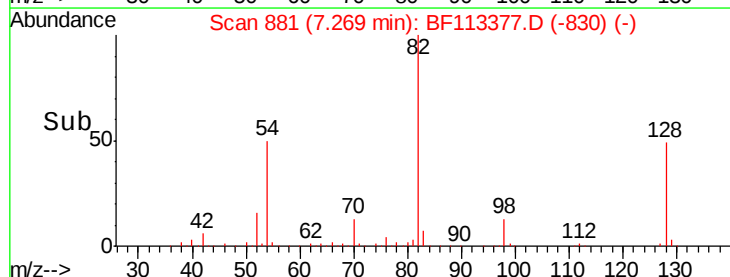


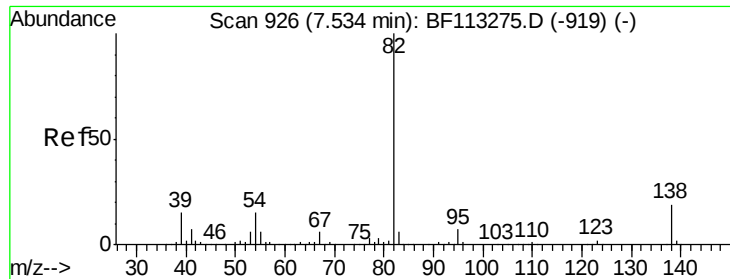
#23
Nitrobenzene-d5
Concen: 88.010 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113377.D
Acq: 28 Mar 2019 16:41

Tgt Ion:	82	Resp:	971074
Ion	Ratio	Lower	Upper
82	100		
128	48.9	36.5	54.7
54	50.3	42.2	63.2



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

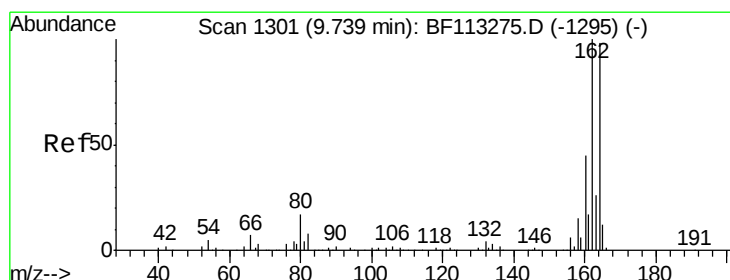
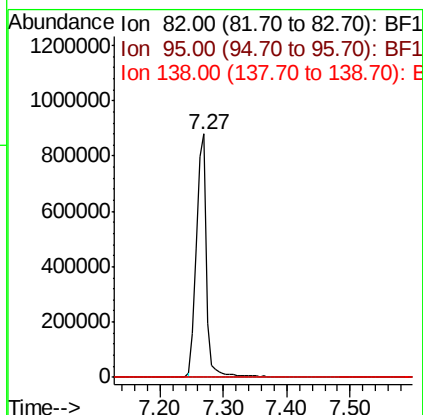
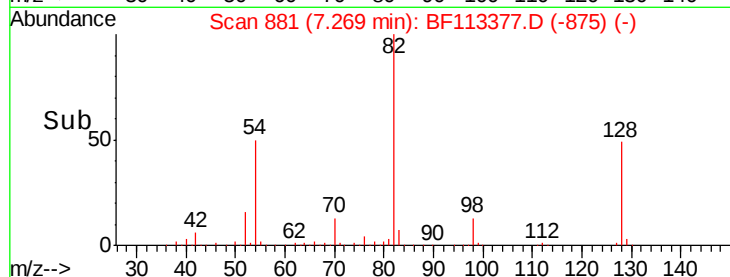
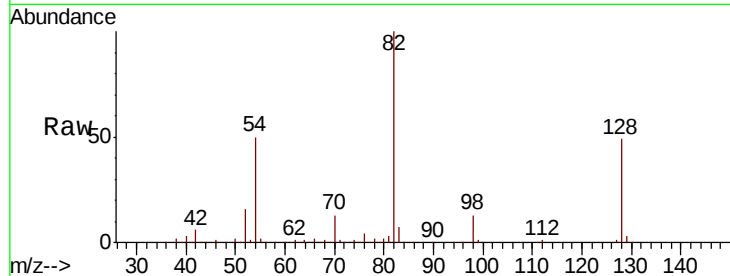




#25
Isophorone
Concen: 44.566 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.26 min
Lab File: BF113377.D
Acq: 28 Mar 2019 16:41

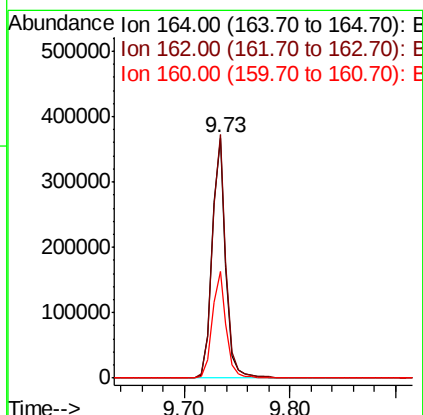
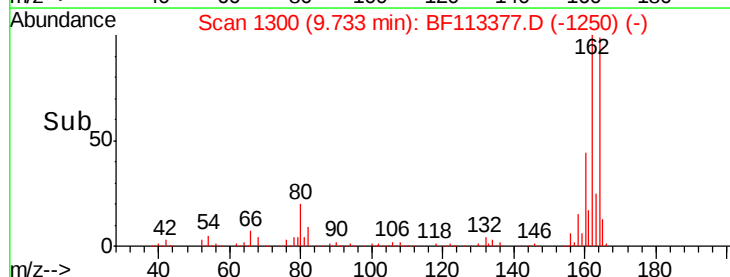
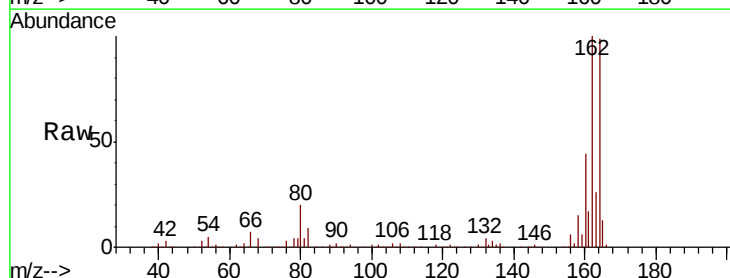
Instrument :
BNA_F
ClientSampleId :
TP-5

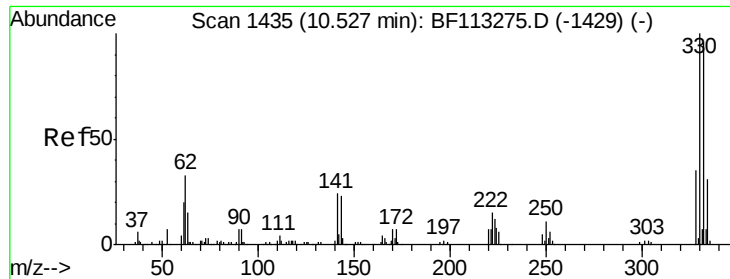
Tgt Ion: 82 Resp: 952955
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113377.D
Acq: 28 Mar 2019 16:41

Tgt Ion: 164 Resp: 333418
Ion Ratio Lower Upper
164 100
162 101.3 81.8 122.6
160 44.6 36.4 54.6

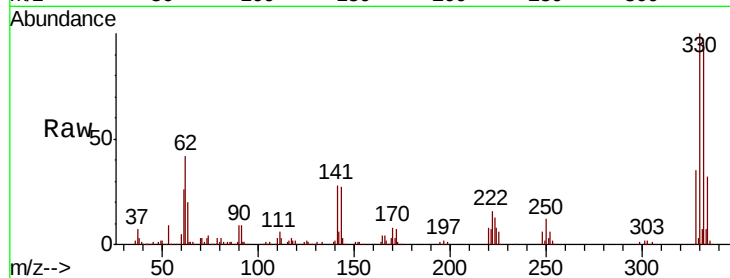




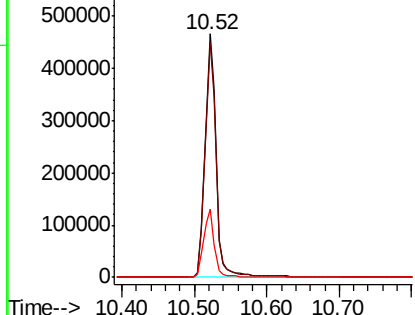
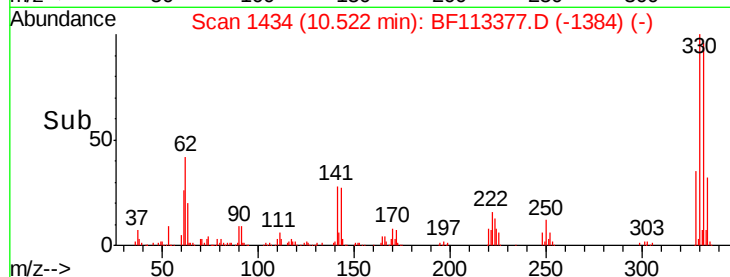
#42
 2,4,6-Tribromophenol
 Concen: 122.120 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113377.D
 Acq: 28 Mar 2019 16:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tgt Ion:330 Resp: 502946
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.8 116.6
 141 27.5 22.7 34.1

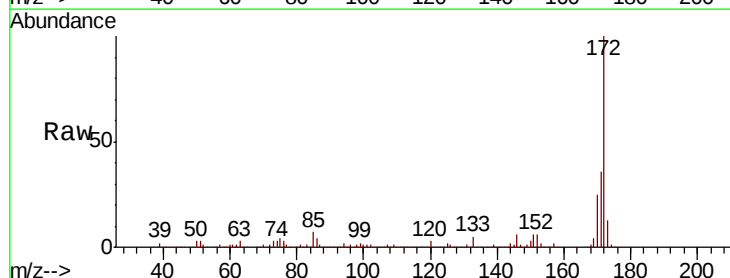


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

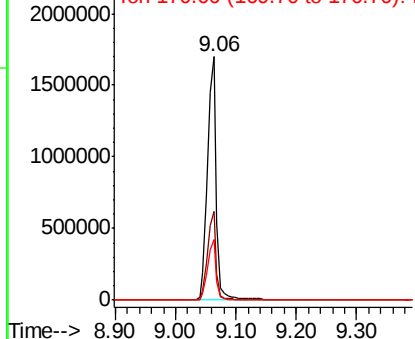
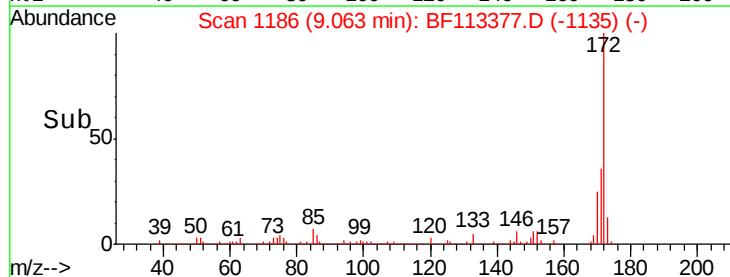


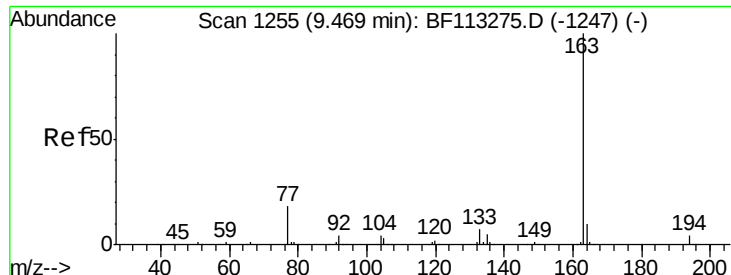
#45
 2-Fluorobiphenyl
 Concen: 81.433 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113377.D
 Acq: 28 Mar 2019 16:41

Tgt Ion:172 Resp: 1748029
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.8 19.5 29.3



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

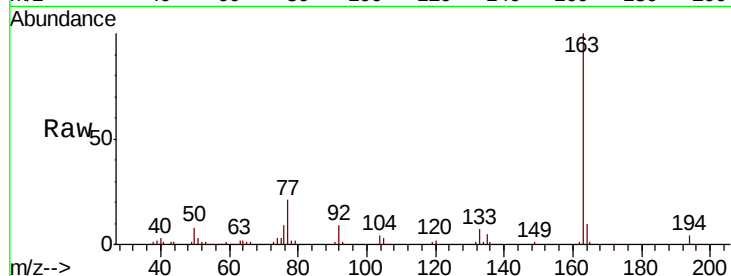




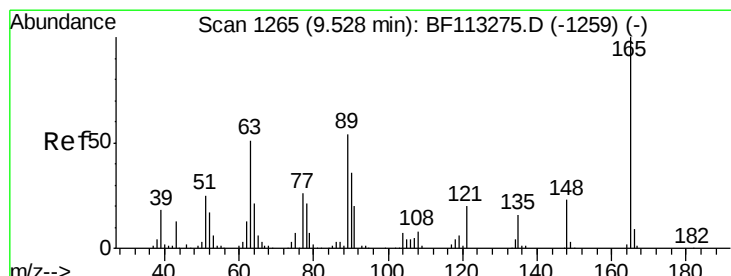
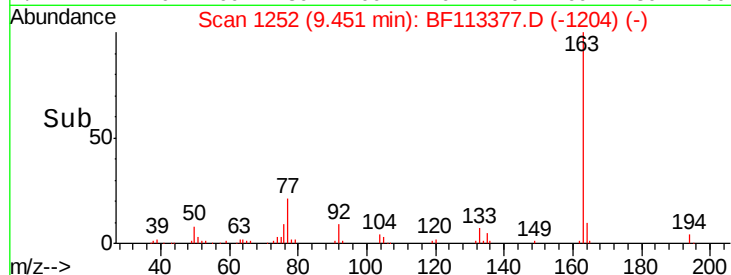
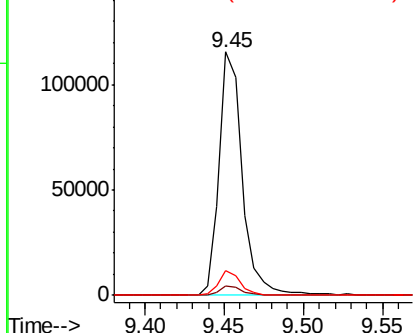
#50
Dimethylphthalate
Concen: 4.770 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF113377.D
Acq: 28 Mar 2019 16:41

Instrument :
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ClientSampleId :
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Tgt Ion:163 Resp: 117874
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.0 8.1 12.1

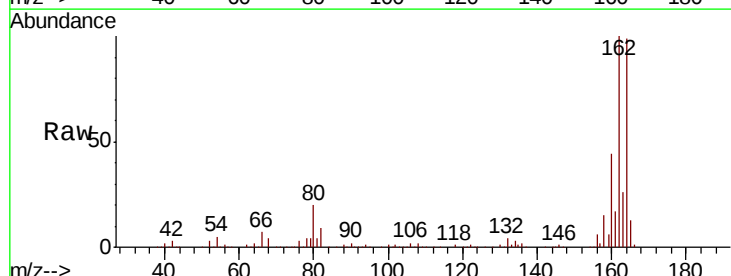


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

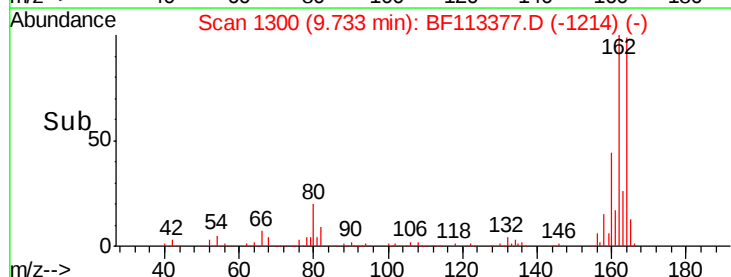
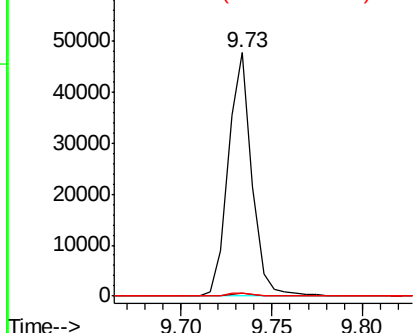


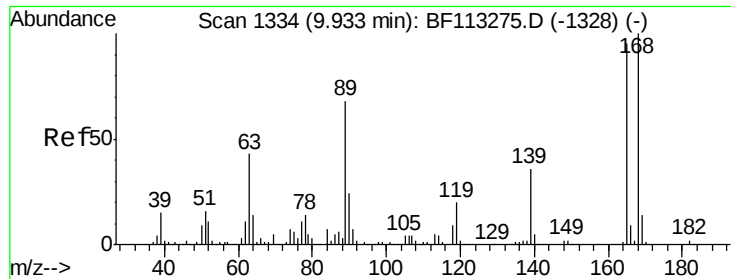
#51
2,6-Dinitrotoluene
Concen: 7.717 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.21 min
Lab File: BF113377.D
Acq: 28 Mar 2019 16:41

Tgt Ion:165 Resp: 43015
Ion Ratio Lower Upper
165 100
63 1.3 43.4 65.0#
89 1.4 43.1 64.7#



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

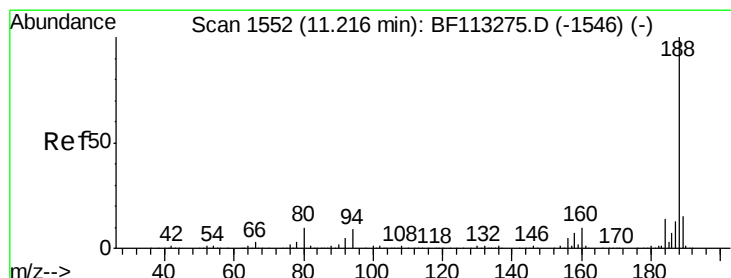
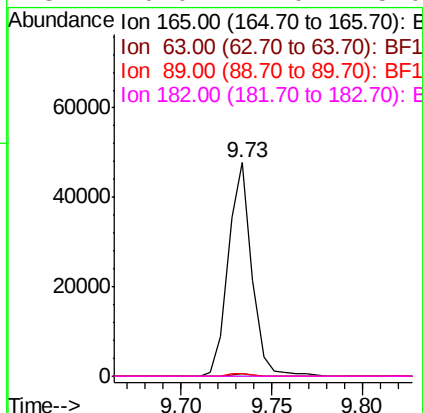
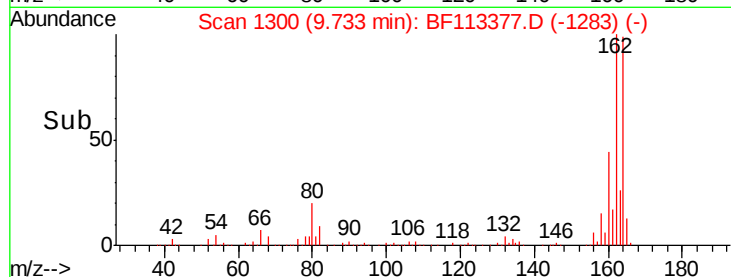
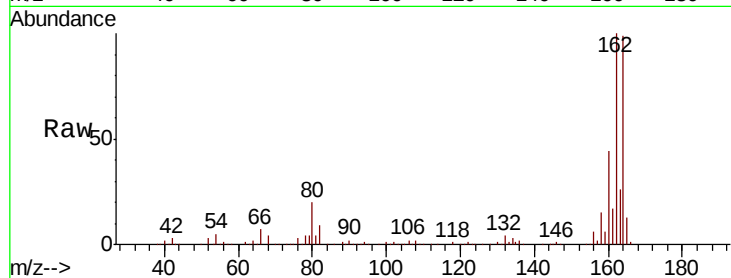




#57
 2,4-Dinitrotoluene
 Concen: 6.068 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113377.D
 Acq: 28 Mar 2019 16:41

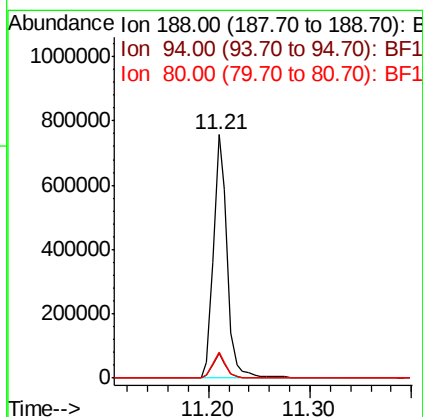
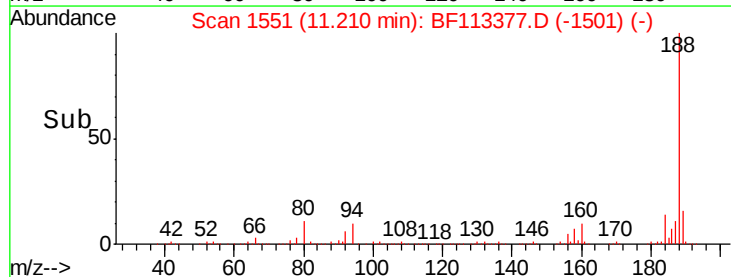
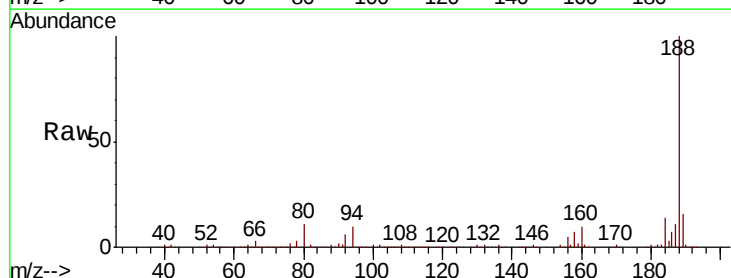
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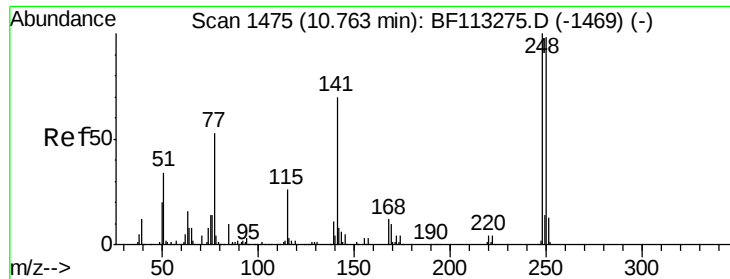
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	37.5	56.3#
89	1.4	57.4	86.2#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113377.D
 Acq: 28 Mar 2019 16:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.0	10.6
80	10.5	7.7	11.5

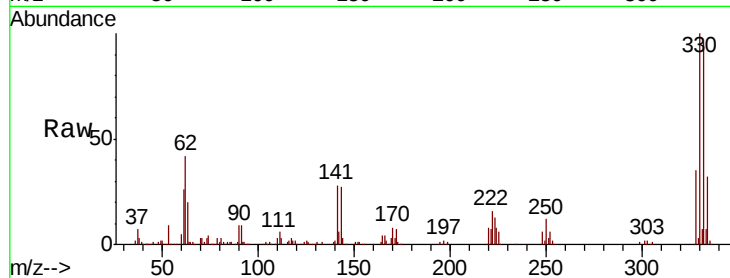




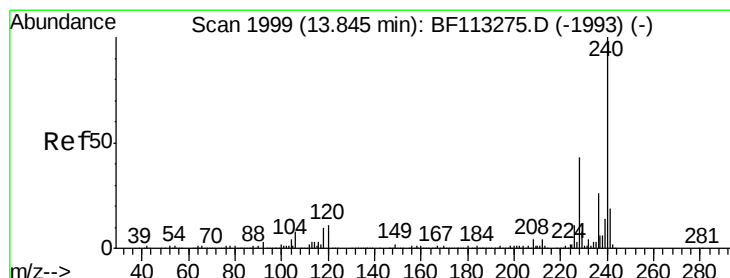
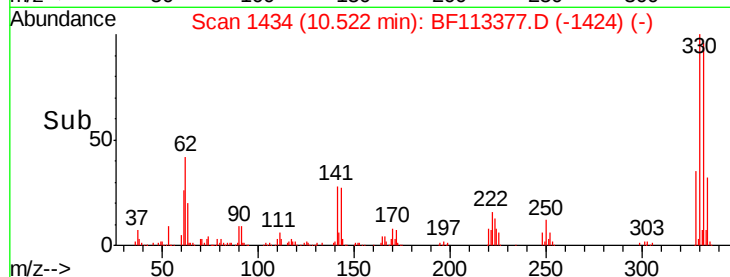
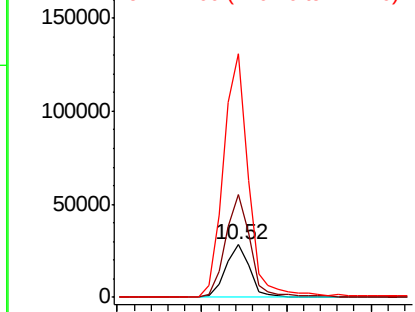
#67
4-Bromophenyl-phenylether
Concen: 3.622 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.24 min
Lab File: BF113377.D
Acq: 28 Mar 2019 16:41

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:248 Resp: 28230
Ion Ratio Lower Upper
248 100
250 196.3 78.3 117.5#
141 464.3 56.2 84.4#

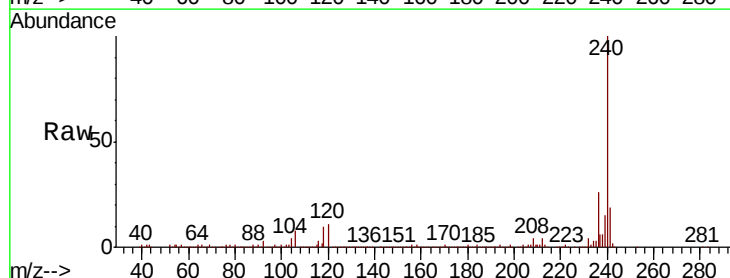


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

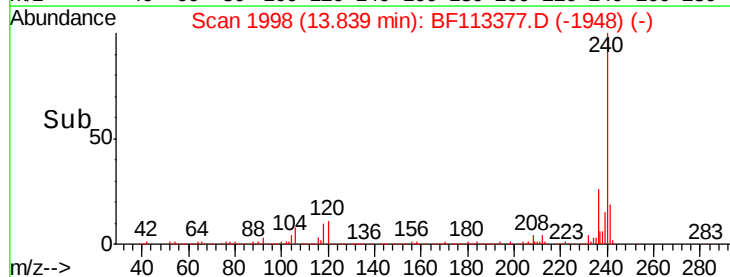
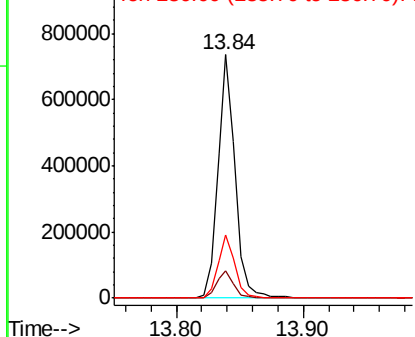


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113377.D
Acq: 28 Mar 2019 16:41

Tgt Ion:240 Resp: 699215
Ion Ratio Lower Upper
240 100
120 11.3 8.8 13.2
236 26.1 20.9 31.3



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: 69.989 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF113377.D

Acq: 28 Mar 2019 16:41

Instrument :

BNA_F

ClientSampleId :

TP-5

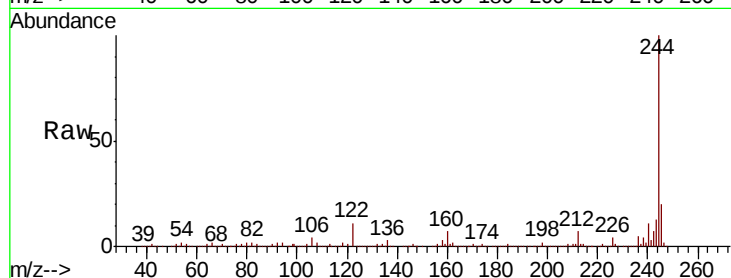
Tgt Ion:244 Resp: 2220204

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

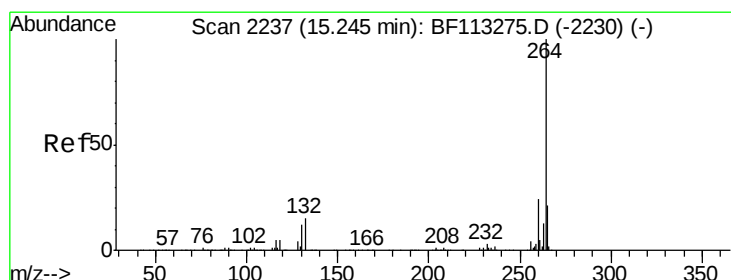
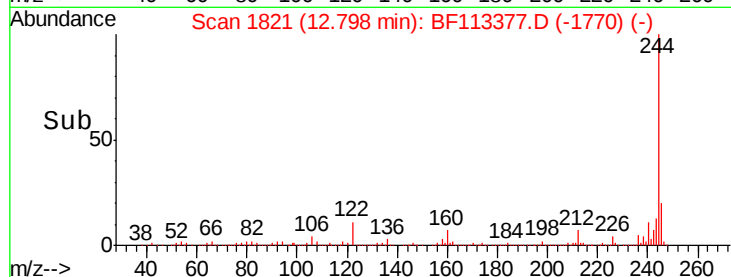
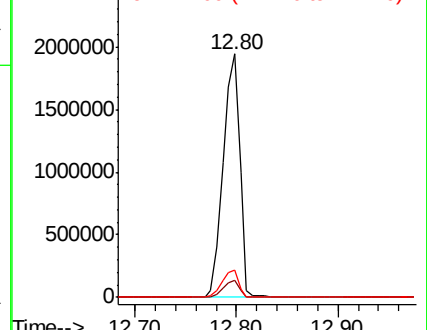
122 11.4 8.6 13.0



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: 15.24 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BF113377.D

Acq: 28 Mar 2019 16:41

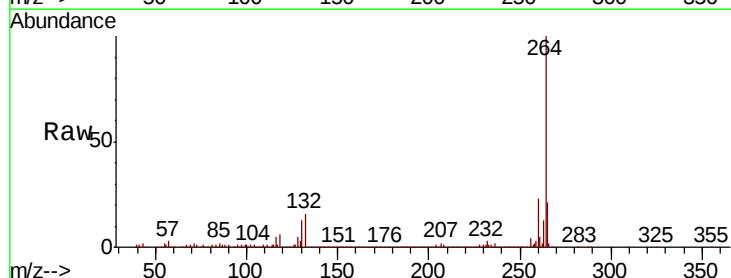
Tgt Ion:264 Resp: 628810

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.0 17.1 25.7



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

