

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032819\
 Data File : BF113375.D
 Acq On : 28 Mar 2019 15:39
 Operator : JU/SJ
 Sample : K2106-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-2

Quant Time: Mar 29 02:11:07 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

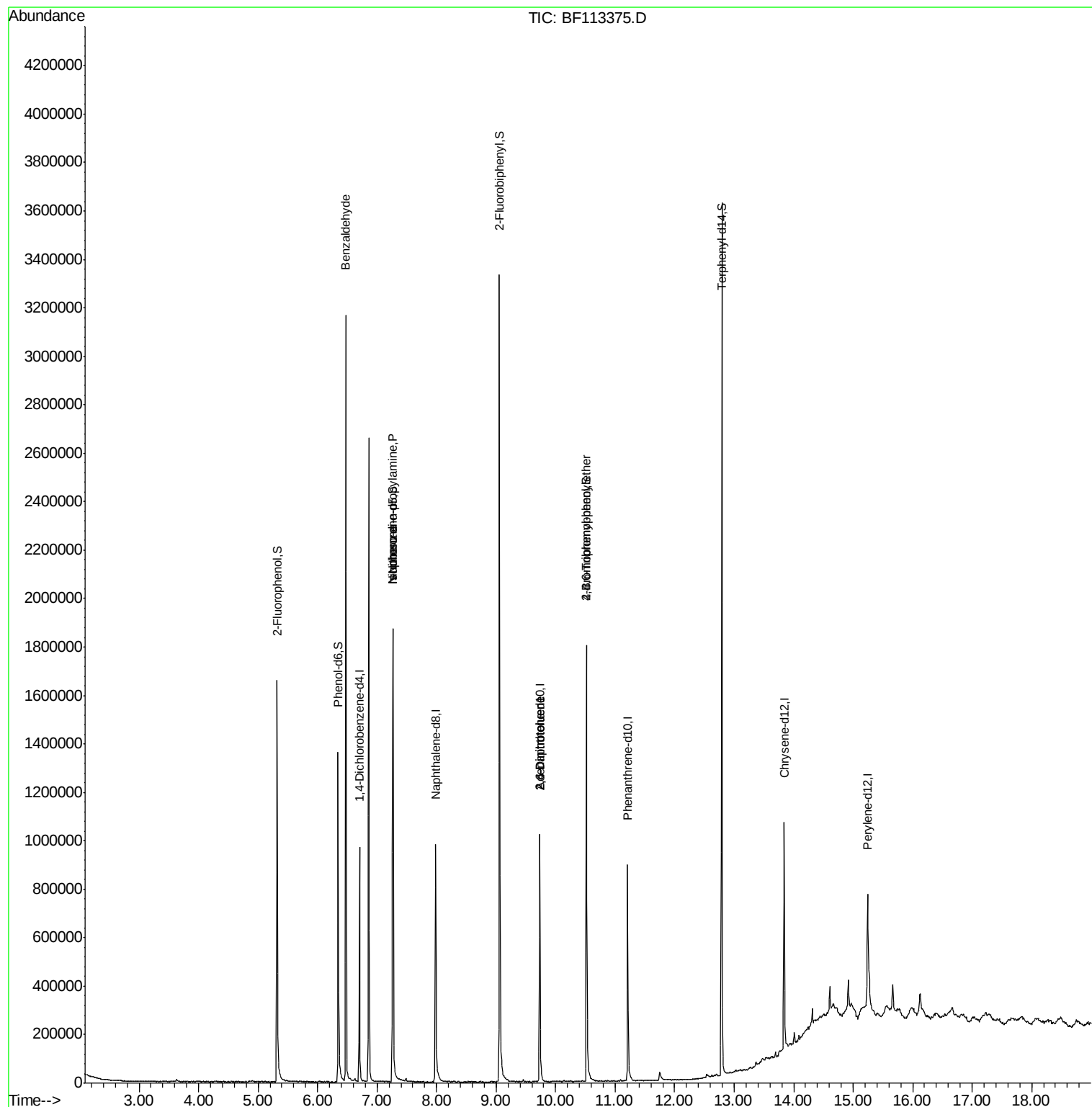
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	154810	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	538774	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	222432	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	406880	20.00	ng	0.00
76) Chrysene-d12	13.84	240	382493	20.00	ng	0.00
87) Perylene-d12	15.24	264	275746	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	535550	56.57	ng	0.00
7) Phenol-d6	6.35	99	519791	43.40	ng	-0.01
23) Nitrobenzene-d5	7.26	82	731943	80.63	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	282395	102.78	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1264136	90.14	ng	0.00
79) Terphenyl-d14	12.79	244	1309272	75.45	ng	0.00
Target Compounds						
9) Benzaldehyde	6.47	77	17722	2.205	ng	# 80
19) n-Nitroso-di-n-propylamine	7.26	70	92591	12.307	ng	# 77
25) Isophorone	7.26	82	716768	40.745	ng	# 64
51) 2,6-Dinitrotoluene	9.73	165	27479	7.389	ng	# 26
57) 2,4-Dinitrotoluene	9.73	165	27479	5.811	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	16085	3.627	ng	# 1

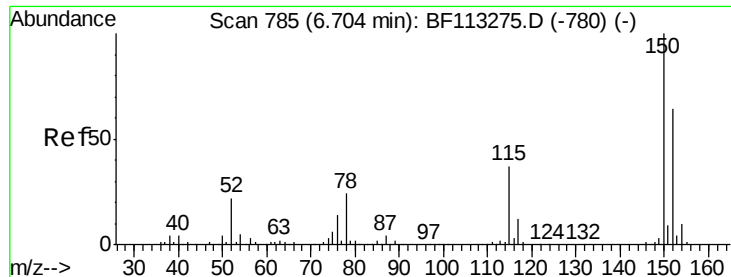
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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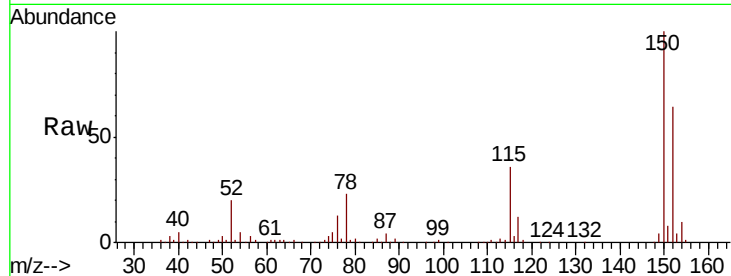


#1

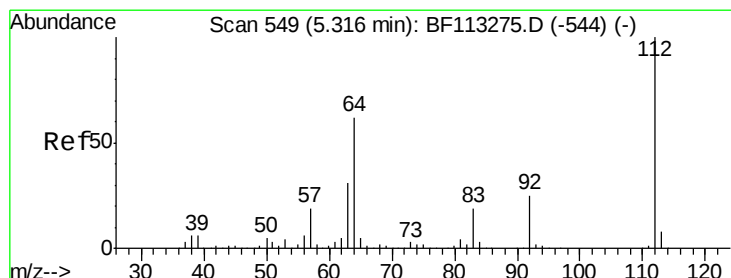
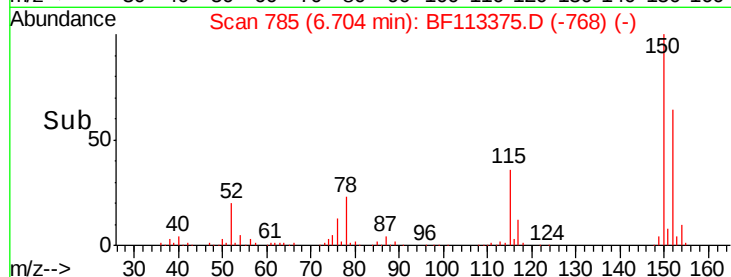
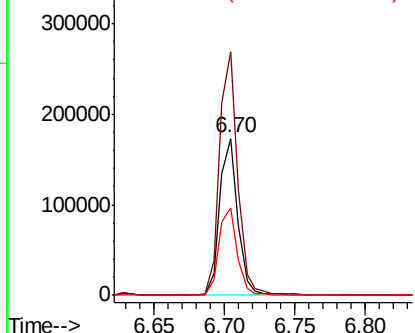
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
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ClientSampleId :
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Tgt Ion:152 Resp: 154810
Ion Ratio Lower Upper
152 100
150 155.2 124.7 187.1
115 55.6 46.0 69.0



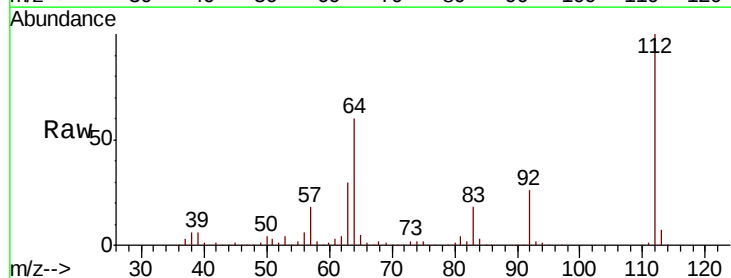
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



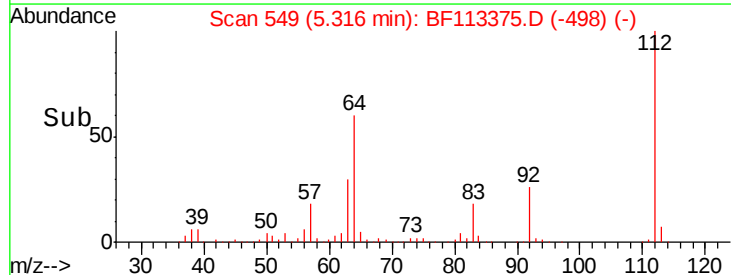
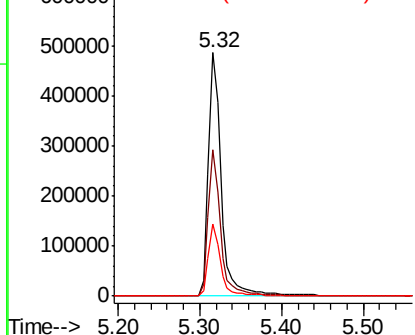
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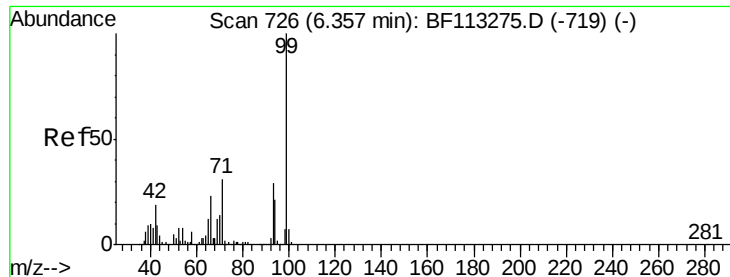
2-Fluorophenol
Concen: 56.565 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF113375.D
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Tgt Ion:112 Resp: 535550
Ion Ratio Lower Upper
112 100
64 60.1 49.2 73.8
63 29.7 24.9 37.3



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: 43.398 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113375.D

Acq: 28 Mar 2019 15:39

Instrument :

BNA_F

ClientSampleId :

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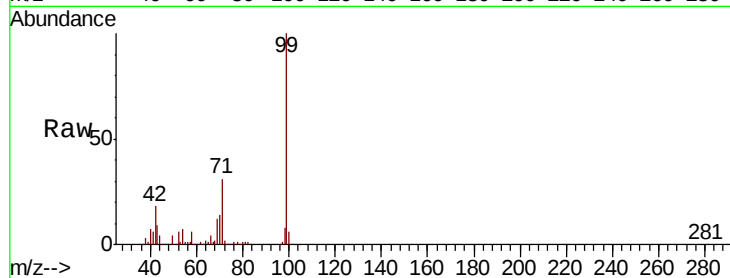
Tgt Ion: 99 Resp: 519791

Ion Ratio Lower Upper

99 100

42 17.9 14.8 22.2

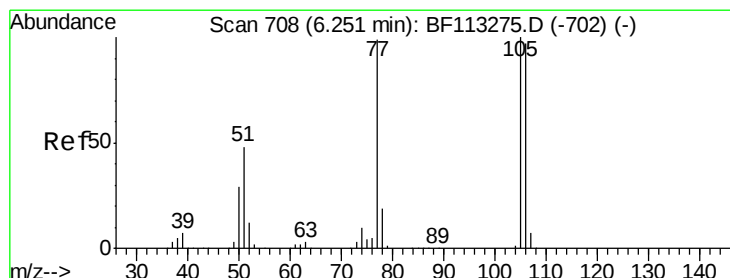
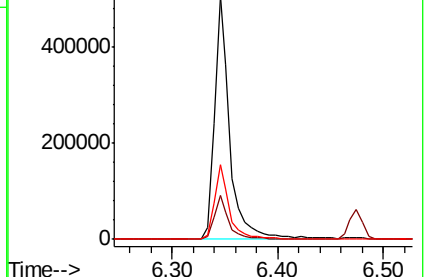
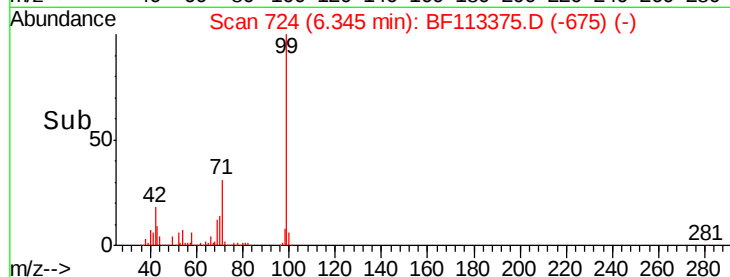
71 30.6 24.9 37.3



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



#9

Benzaldehyde

Concen: 2.205 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF113375.D

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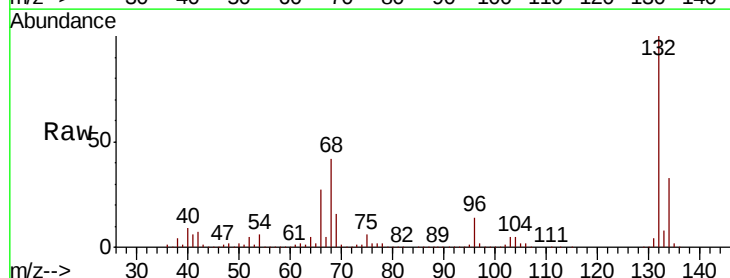
Tgt Ion: 77 Resp: 17722

Ion Ratio Lower Upper

77 100

105 82.6 80.9 120.9

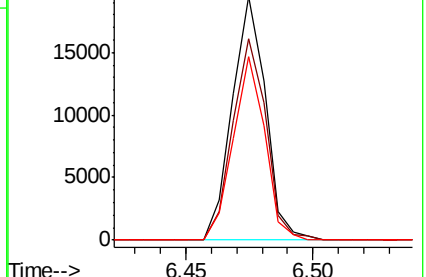
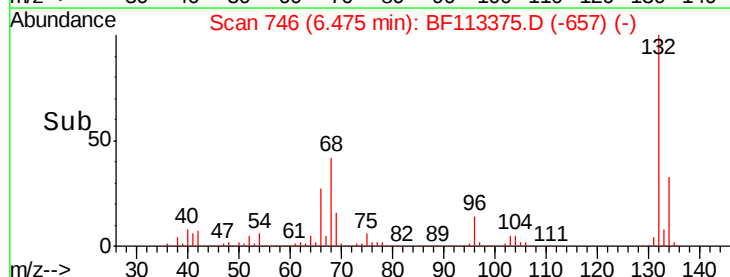
106 75.6 77.8 117.8#

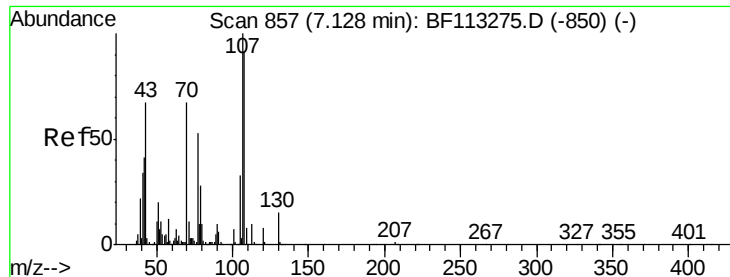


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

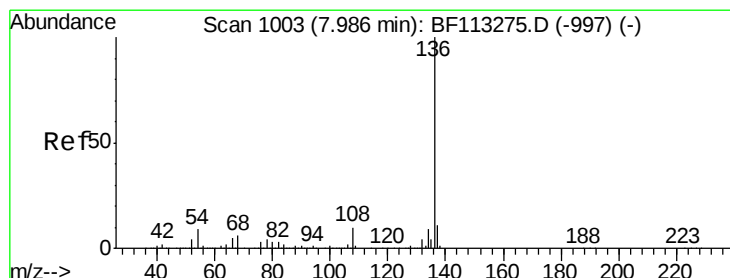
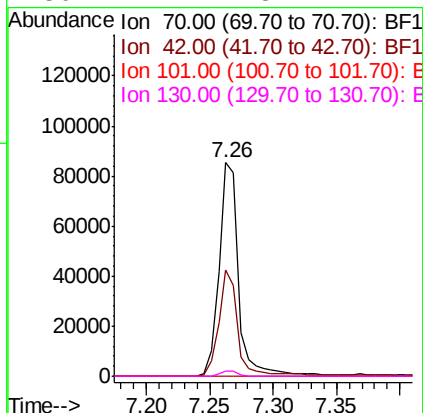
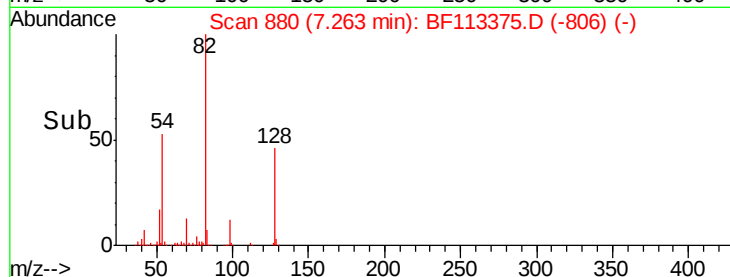
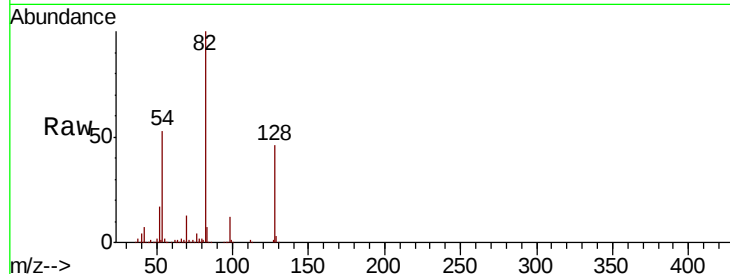




#19
n-Nitroso-di-n-propylamine
Concen: 12.307 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF113375.D
Acq: 28 Mar 2019 15:39

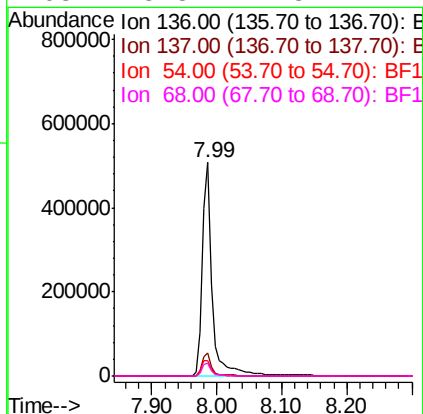
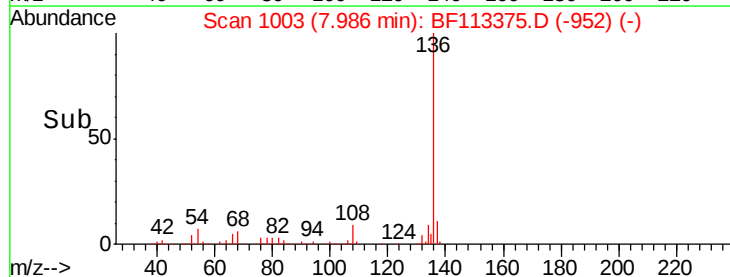
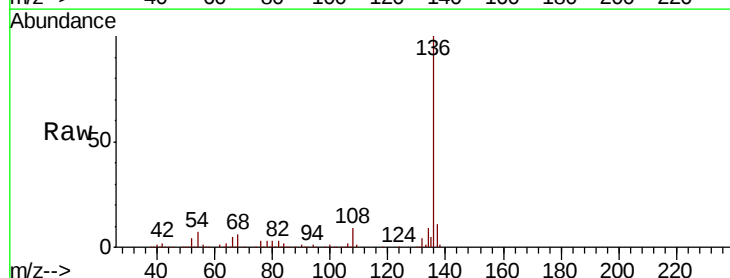
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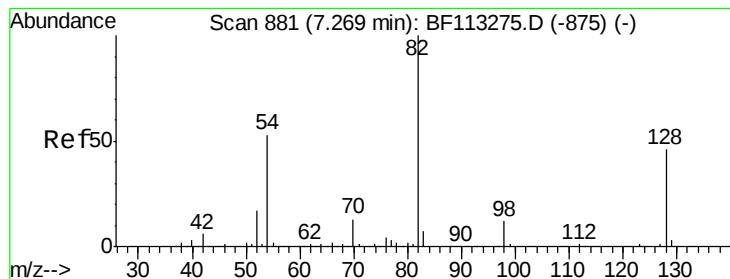
Tgt Ion: 70 Resp: 92591
Ion Ratio Lower Upper
70 100
42 49.6 48.4 72.6
101 0.0 7.8 11.8#
130 2.2 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF113375.D
Acq: 28 Mar 2019 15:39

Tgt Ion: 136 Resp: 538774
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.5 7.0 10.6
68 5.8 4.8 7.2





#23

Nitrobenzene-d5

Concen: 80.635 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF113375.D

Acq: 28 Mar 2019 15:39

Instrument :

BNA_F

ClientSampleId :

W-2

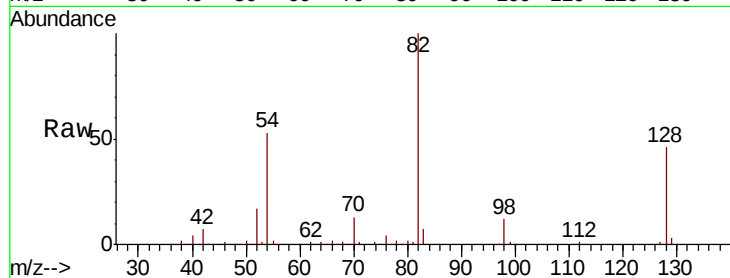
Tgt Ion: 82 Resp: 731943

Ion Ratio Lower Upper

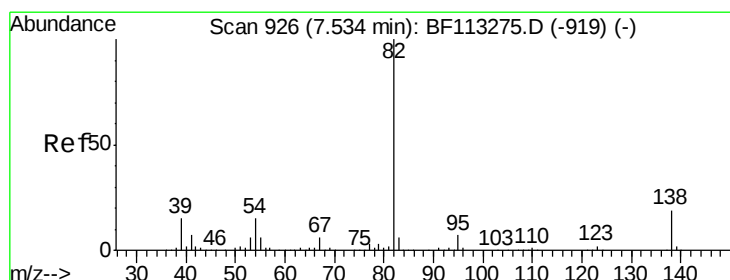
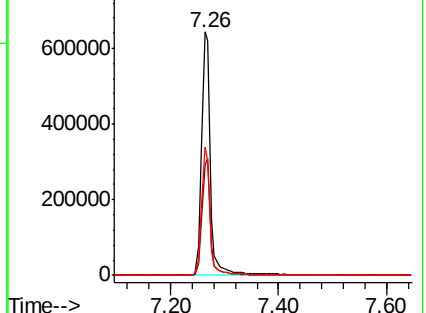
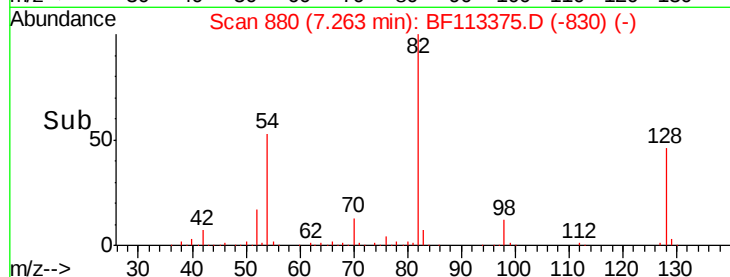
82 100

128 45.5 36.5 54.7

54 52.6 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 40.745 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.27 min

Lab File: BF113375.D

Acq: 28 Mar 2019 15:39

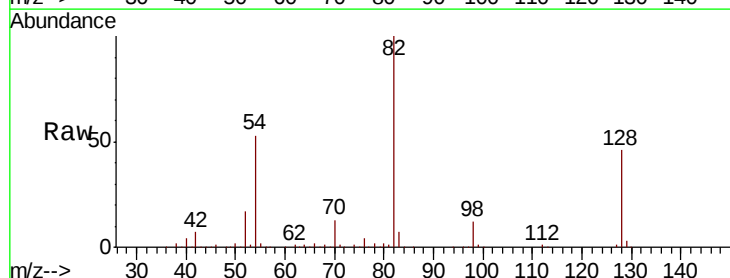
Tgt Ion: 82 Resp: 716768

Ion Ratio Lower Upper

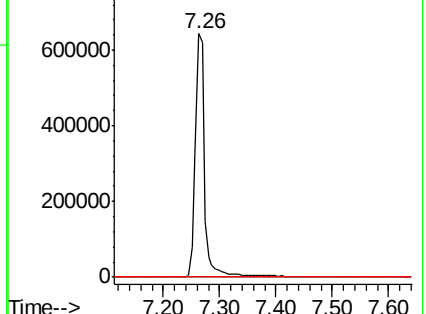
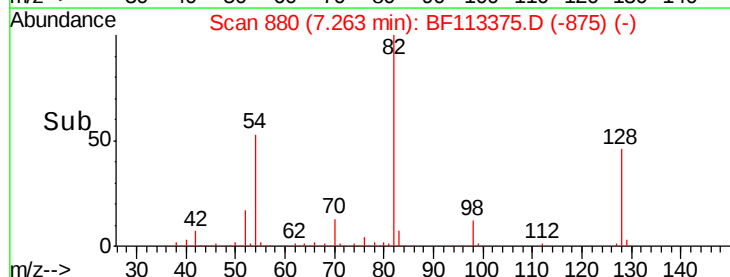
82 100

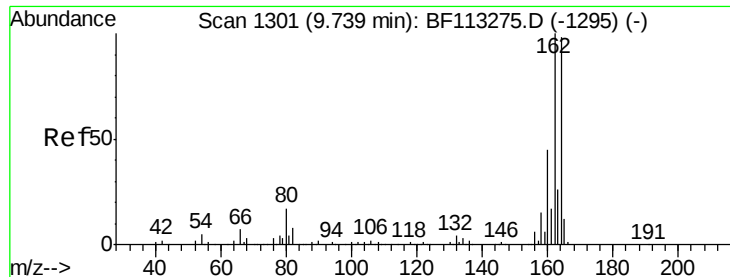
95 0.0 5.5 8.3#

138 0.0 15.2 22.8#



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

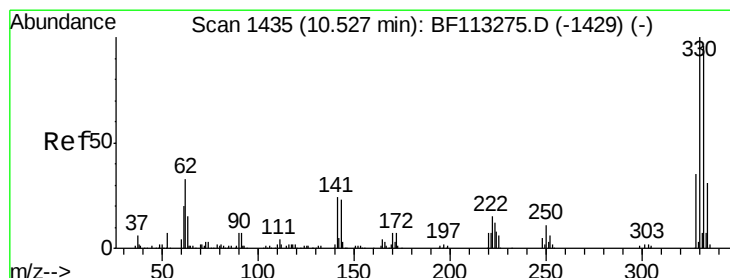
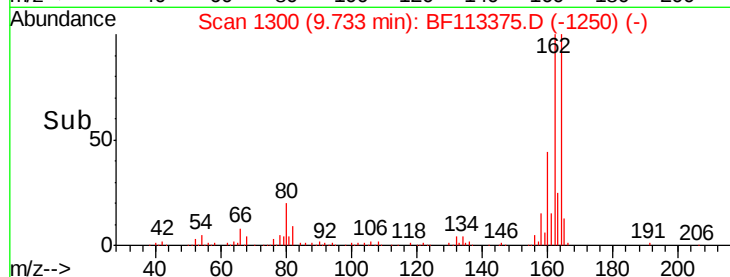
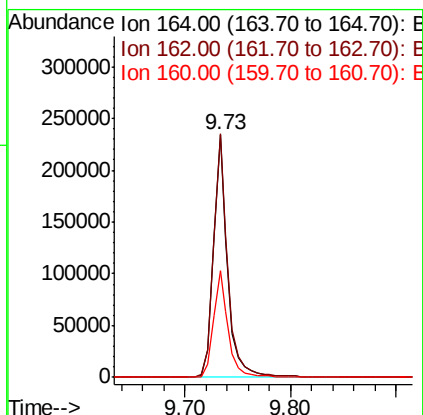
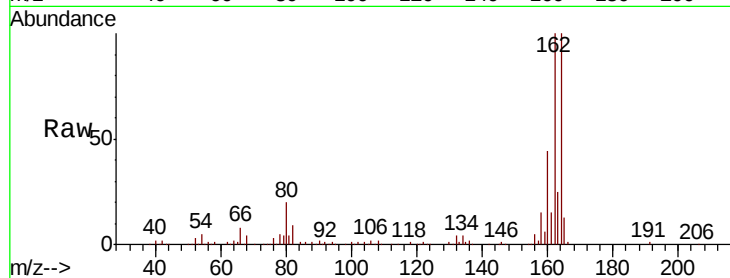




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113375.D
 Acq: 28 Mar 2019 15:39

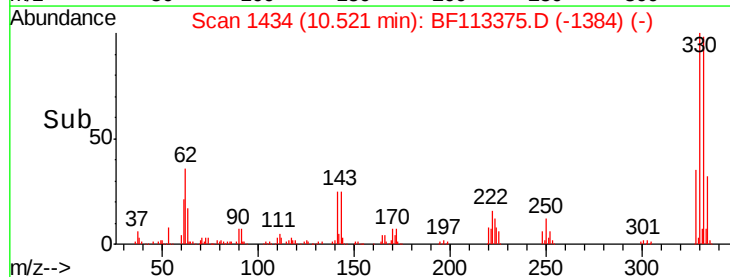
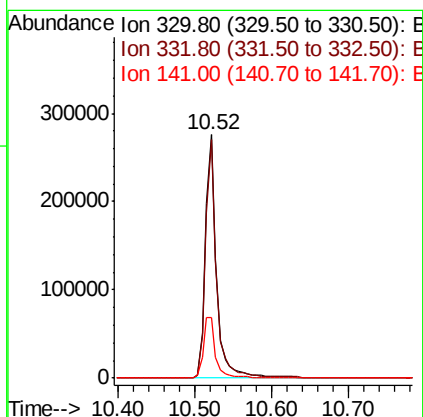
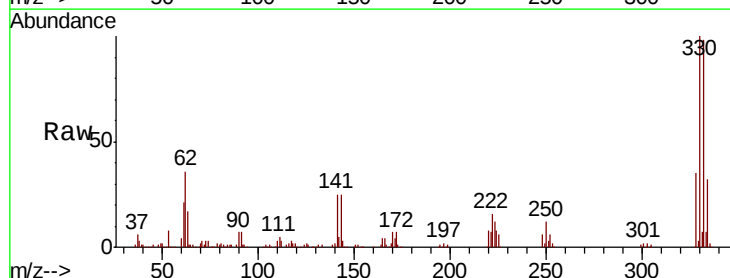
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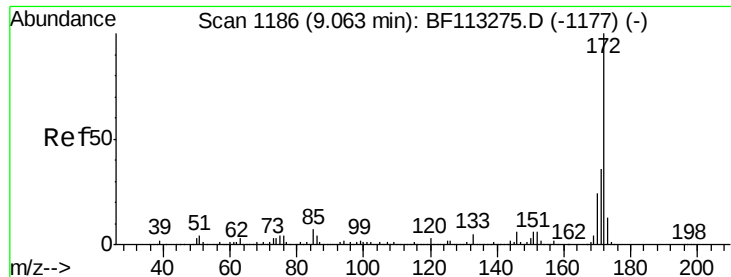
Tgt Ion:164 Resp: 222432
 Ion Ratio Lower Upper
 164 100
 162 100.4 81.8 122.6
 160 44.1 36.4 54.6



#42
 2,4,6-Tribromophenol
 Concen: 102.781 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113375.D
 Acq: 28 Mar 2019 15:39

Tgt Ion:330 Resp: 282395
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.8 116.6
 141 27.7 22.7 34.1

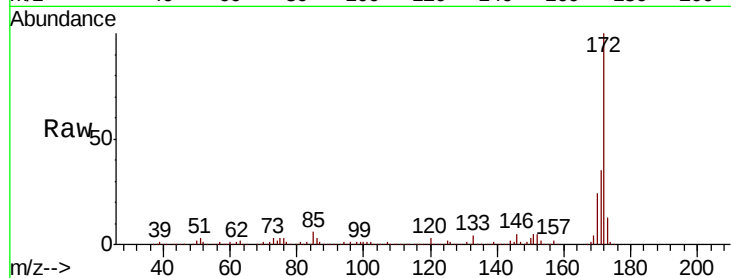




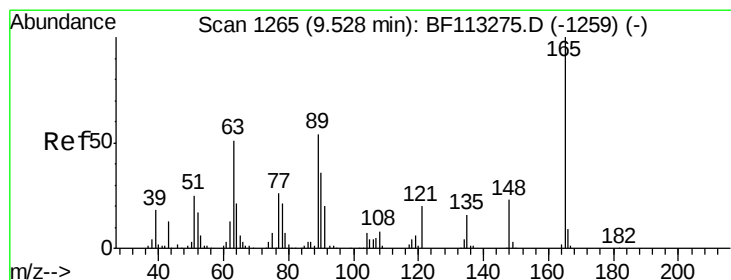
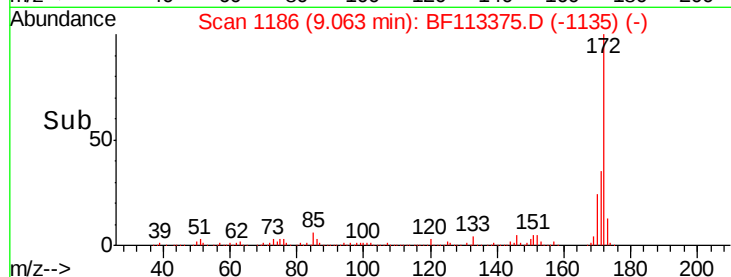
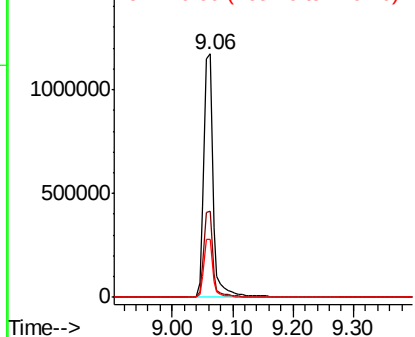
#45
2-Fluorobiphenyl
Concen: 90.144 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113375.D
Acq: 28 Mar 2019 15:39

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BNA_F
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Tgt Ion:172 Resp: 1264136
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.6
170 23.9 19.5 29.3

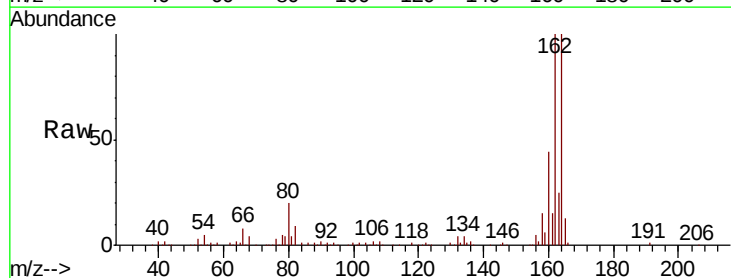


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

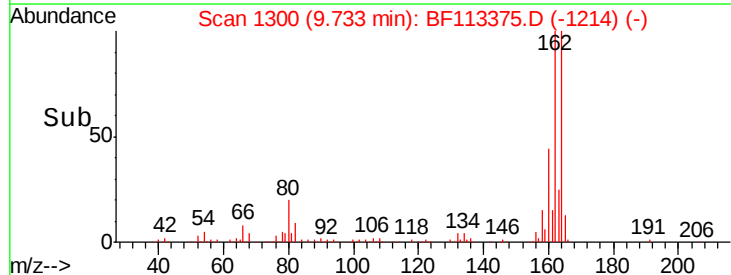
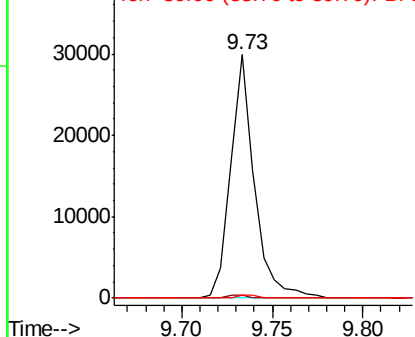


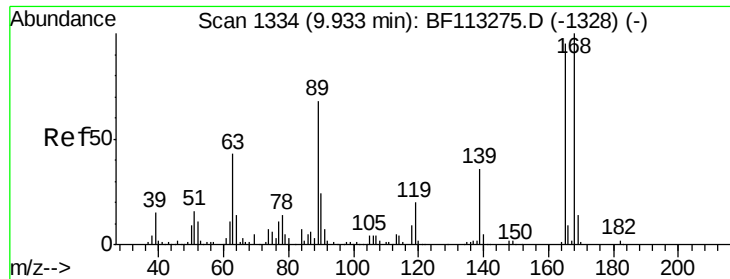
#51
2,6-Dinitrotoluene
Concen: 7.389 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.21 min
Lab File: BF113375.D
Acq: 28 Mar 2019 15:39

Tgt Ion:165 Resp: 27479
Ion Ratio Lower Upper
165 100
63 1.2 43.4 65.0#
89 1.2 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

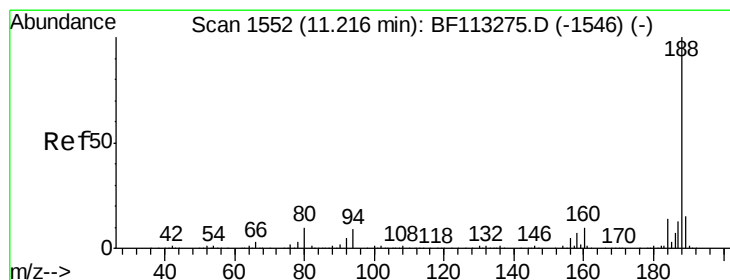
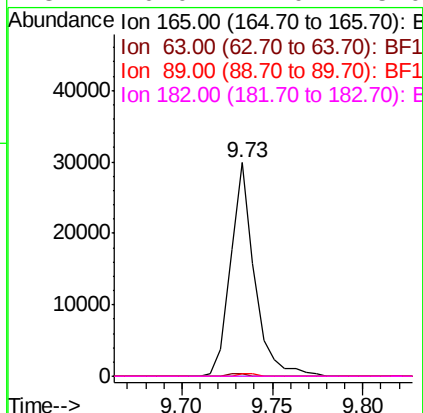
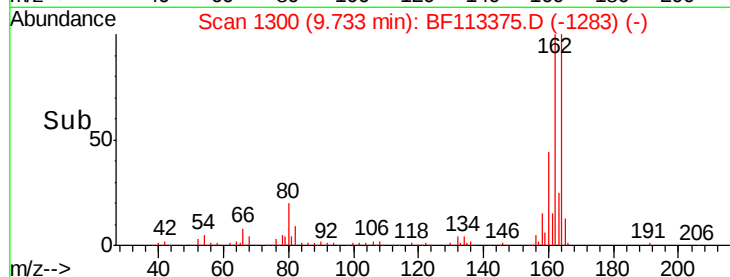
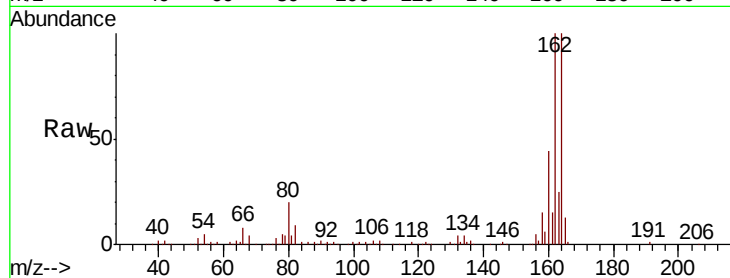




#57
 2,4-Dinitrotoluene
 Concen: 5.811 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113375.D
 Acq: 28 Mar 2019 15:39

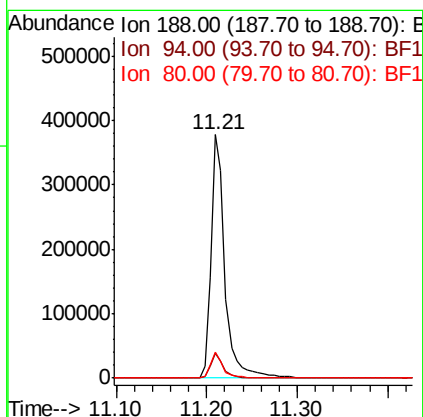
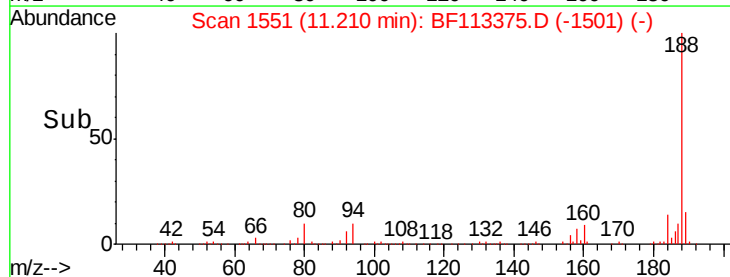
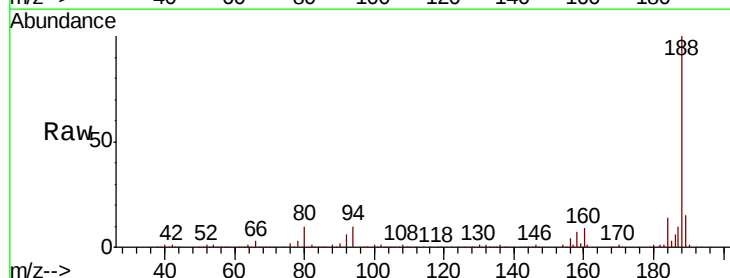
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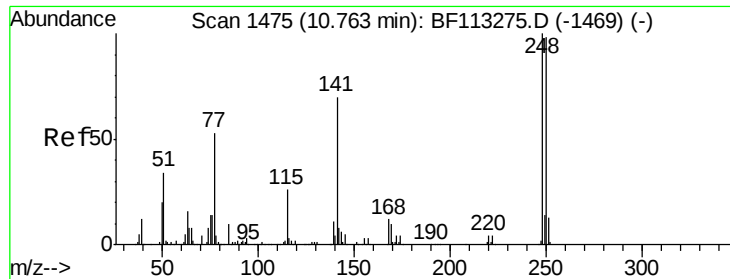
Tgt Ion:165 Resp: 27479
 Ion Ratio Lower Upper
 165 100
 63 1.2 37.5 56.3#
 89 1.2 57.4 86.2#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113375.D
 Acq: 28 Mar 2019 15:39

Tgt Ion:188 Resp: 406880
 Ion Ratio Lower Upper
 188 100
 94 10.1 7.0 10.6
 80 10.5 7.7 11.5

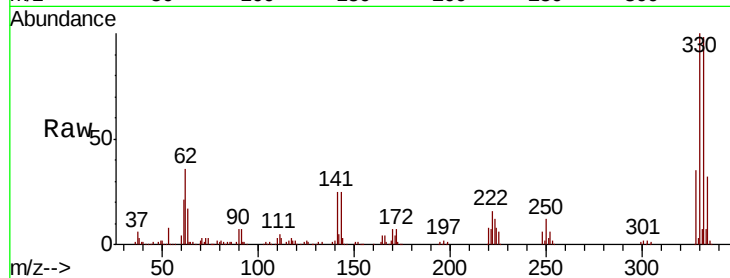




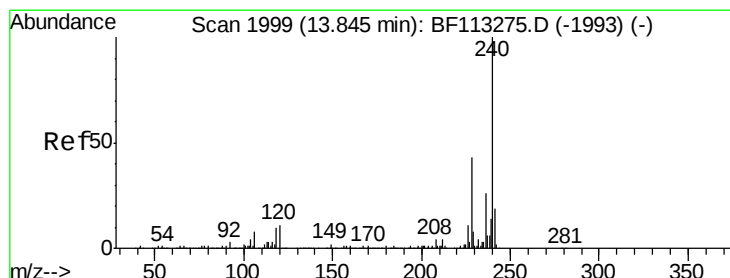
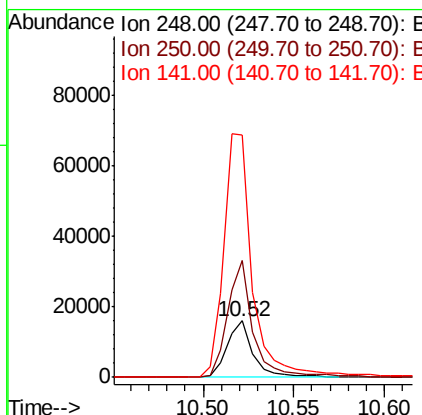
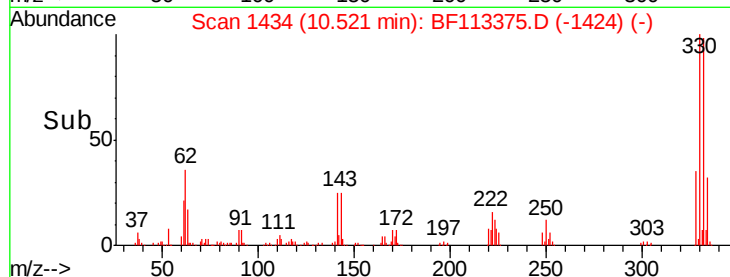
#67
4-Bromophenyl-phenylether
Concen: 3.627 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.24 min
Lab File: BF113375.D
Acq: 28 Mar 2019 15:39

Instrument :
BNA_F
ClientSampleId :
W-2

Tgt Ion:248 Resp: 16085
Ion Ratio Lower Upper
248 100
250 206.7 78.3 117.5#
141 428.3 56.2 84.4#

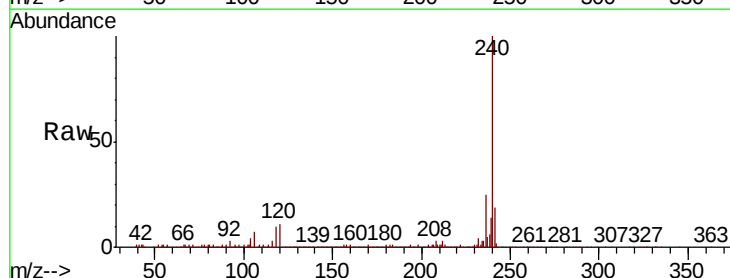


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

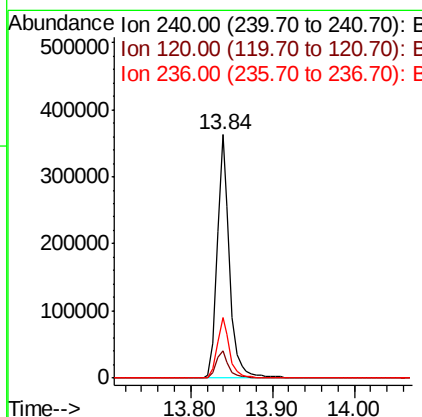
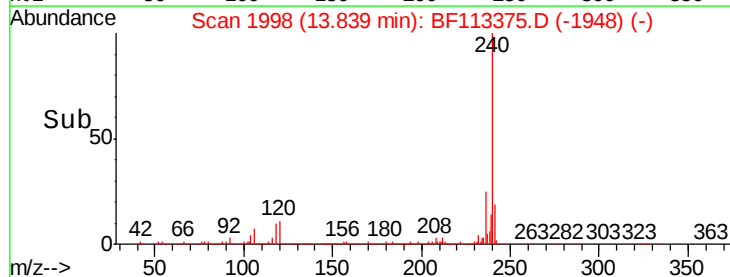


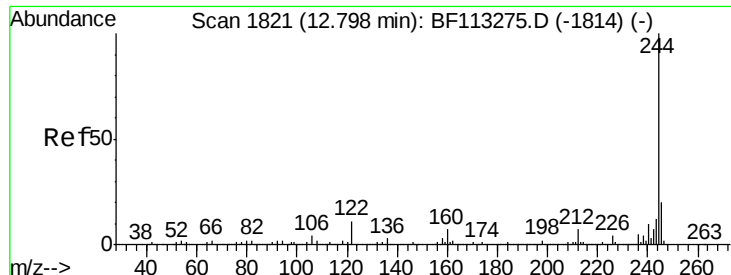
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113375.D
Acq: 28 Mar 2019 15:39

Tgt Ion:240 Resp: 382493
Ion Ratio Lower Upper
240 100
120 11.2 8.8 13.2
236 25.1 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: 75.449 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF113375.D

Acq: 28 Mar 2019 15:39

Instrument :

BNA_F

ClientSampleId :

W-2

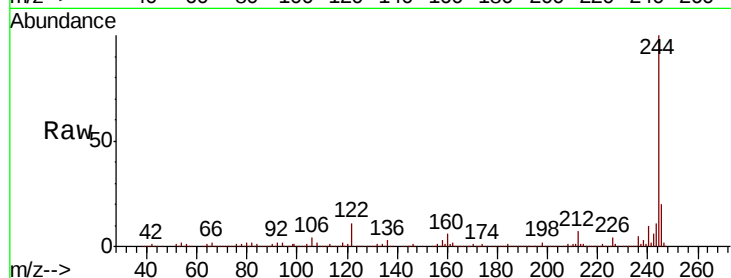
Tgt Ion:244 Resp: 1309272

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

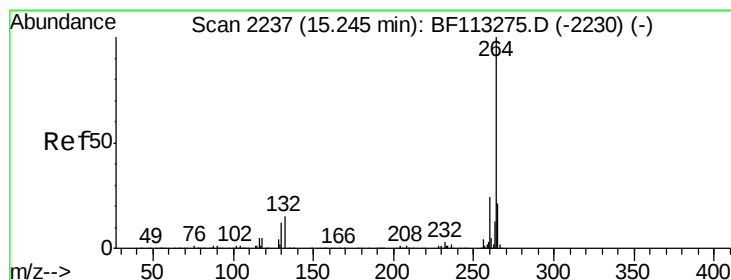
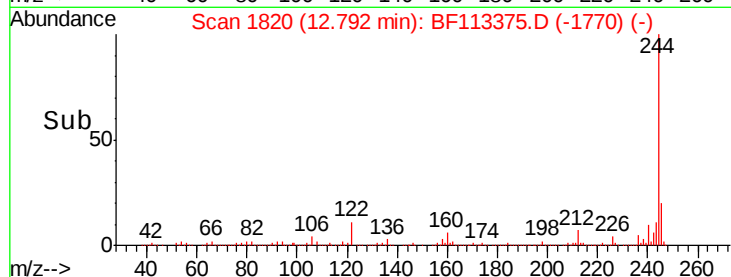
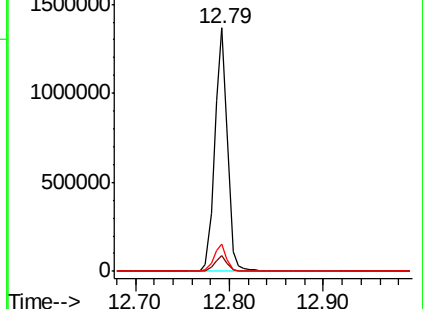
122 11.0 8.6 13.0



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: BF113375.D

Acq: 28 Mar 2019 15:39

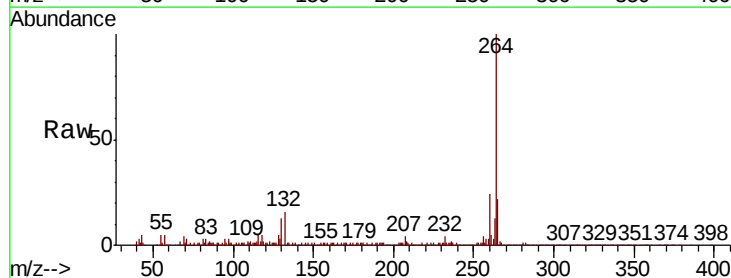
Tgt Ion:264 Resp: 275746

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 21.9 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

