

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032719\
 Data File : BF113362.D
 Acq On : 28 Mar 2019 7:21
 Operator : JU/SJ
 Sample : K2097-11
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-17

Quant Time: Mar 28 08:50:40 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

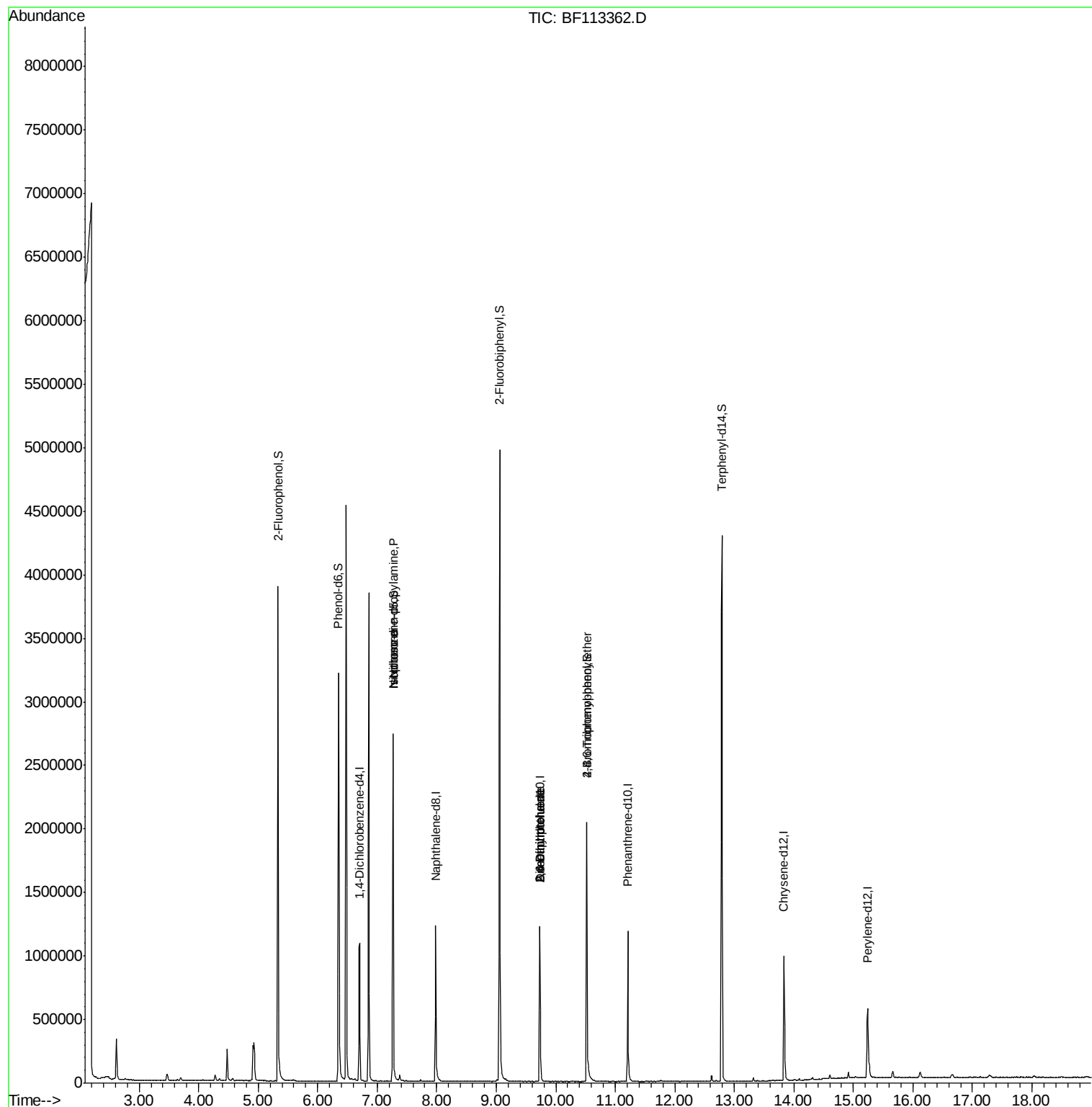
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	181873	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	651118	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	291823	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	509788	20.00	ng	0.00
76) Chrysene-d12	13.83	240	428957	20.00	ng	-0.01
87) Perylene-d12	15.24	264	318800	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1229086	110.50	ng	0.02
7) Phenol-d6	6.36	99	1440061	102.34	ng	0.00
23) Nitrobenzene-d5	7.27	82	1052720	95.96	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	366947	101.80	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1907951	107.05	ng	0.00
79) Terphenyl-d14	12.79	244	1674974	86.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	137782	15.589	ng	# 75
25) Isophorone	7.27	82	1044407	49.126	ng	# 64
50) Dimethylphthalate	9.73	163	72048	3.331	ng	# 1
51) 2,6-Dinitrotoluene	9.73	165	36731	7.529	ng	# 26
57) 2,4-Dinitrotoluene	9.73	165	36731	5.920	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	21632	3.893	ng	# 1

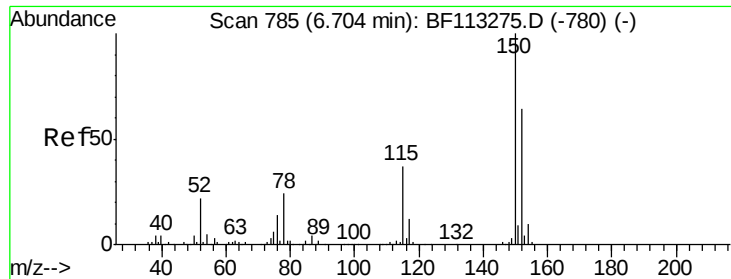
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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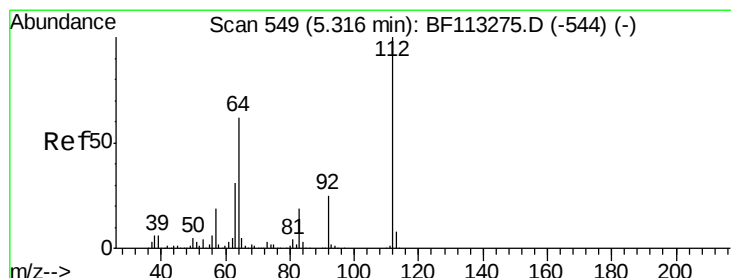
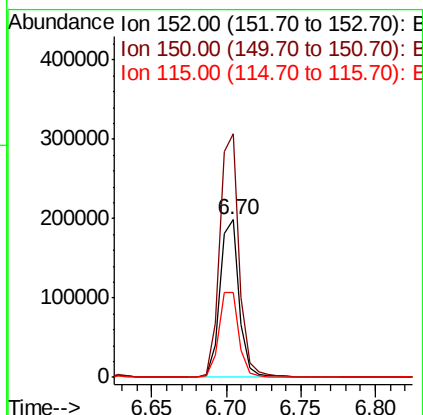
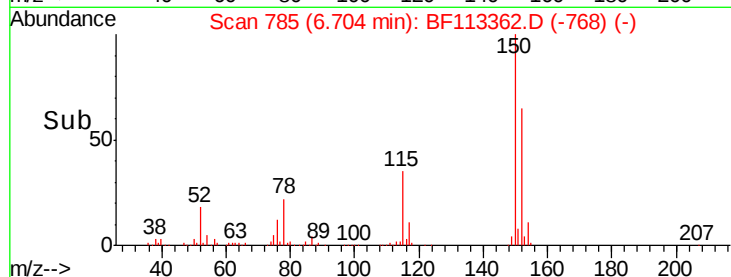
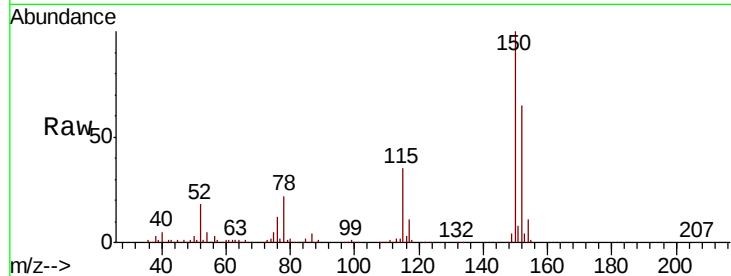


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113362.D
Acq: 28 Mar 2019 7:21

Instrument :
BNA_F
ClientSampleId :
CS-17

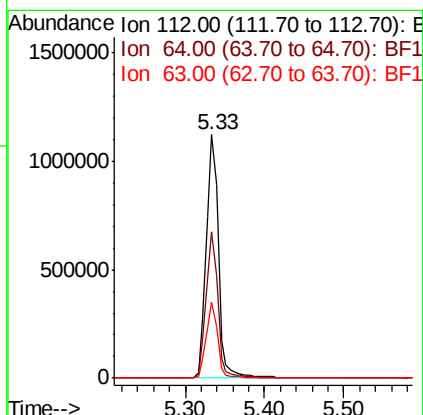
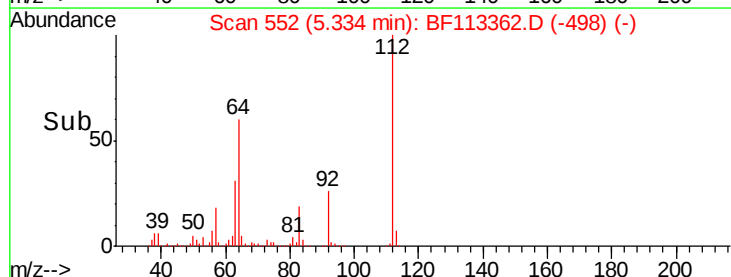
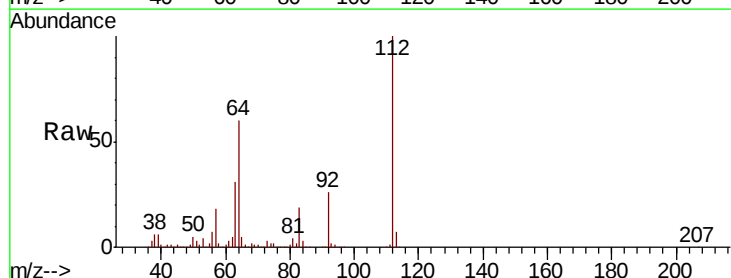
Tgt Ion:152 Resp: 181873
Ion Ratio Lower Upper
152 100
150 154.4 124.7 187.1
115 53.8 46.0 69.0

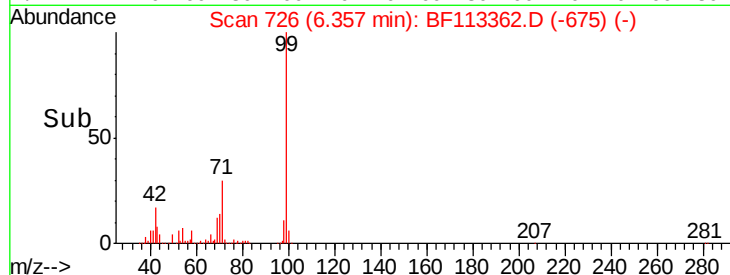
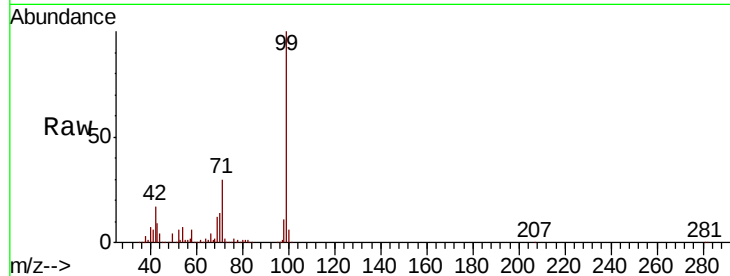
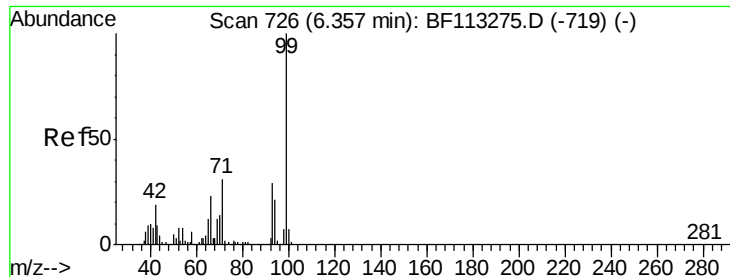


#5

2-Fluorophenol
Concen: 110.500 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.02 min
Lab File: BF113362.D
Acq: 28 Mar 2019 7:21

Tgt Ion:112 Resp: 1229086
Ion Ratio Lower Upper
112 100
64 60.2 49.2 73.8
63 31.0 24.9 37.3





#7

Phenol-d6

Concen: 102.342 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113362.D

Acq: 28 Mar 2019 7:21

Instrument :

BNA_F

ClientSampleId :

CS-17

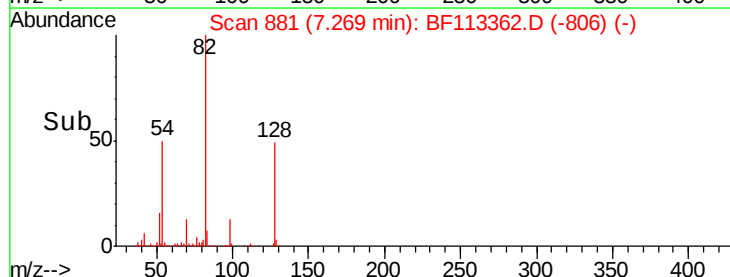
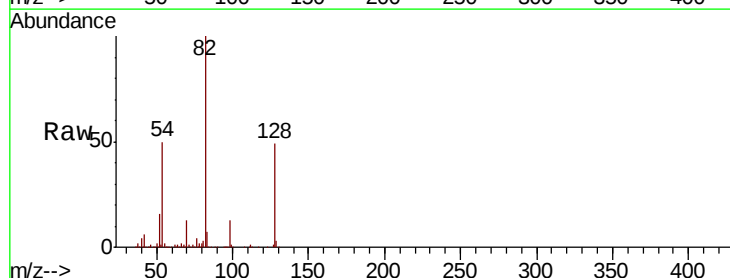
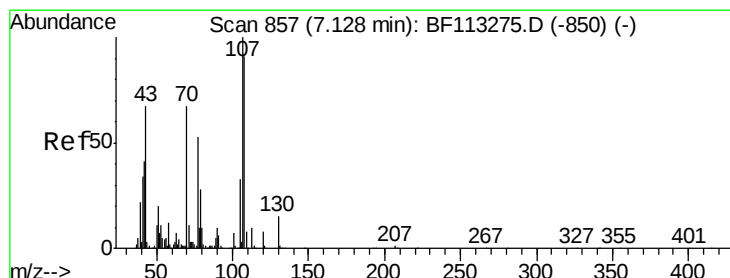
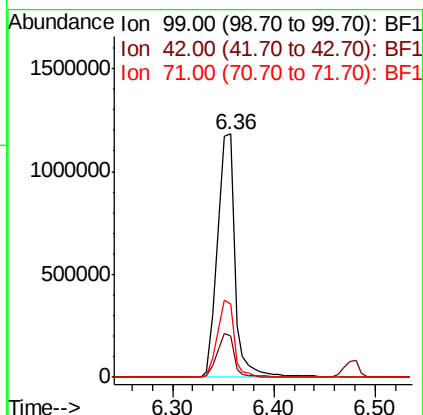
Tgt Ion: 99 Resp: 1440061

Ion Ratio Lower Upper

99 100

42 16.8 14.8 22.2

71 30.2 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.589 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF113362.D

Acq: 28 Mar 2019 7:21

Tgt Ion: 70 Resp: 137782

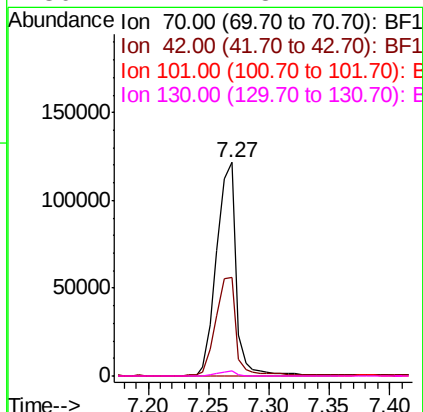
Ion Ratio Lower Upper

70 100

42 46.2 48.4 72.6#

101 0.0 7.8 11.8#

130 2.1 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF113362.D

Acq: 28 Mar 2019 7:21

Instrument :

BNA_F

ClientSampleId :

CS-17

Tgt Ion:136 Resp: 651118

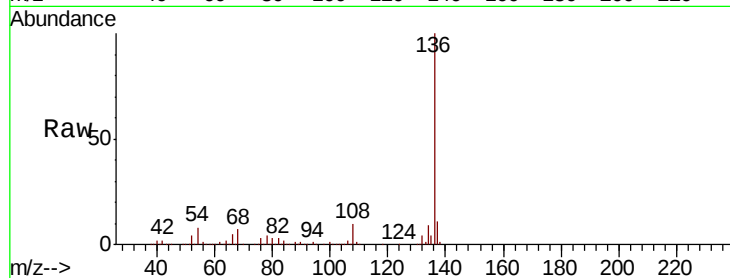
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.4 7.0 10.6

68 6.6 4.8 7.2

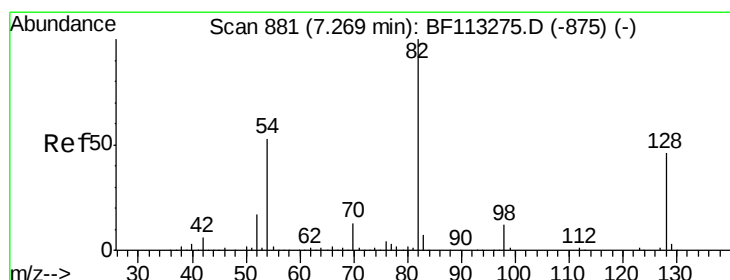
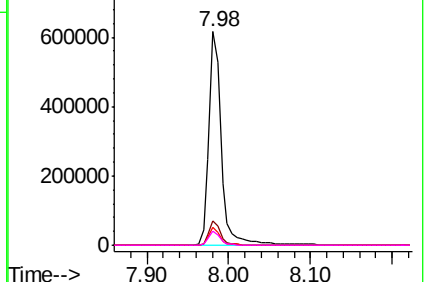
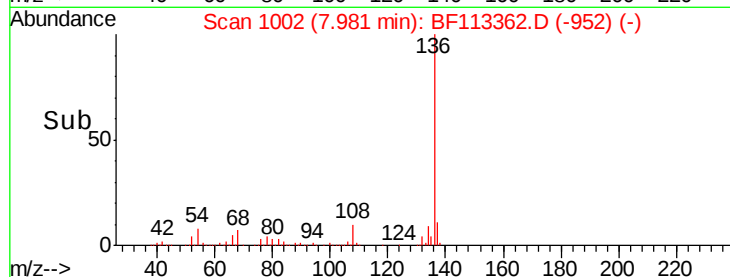


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.963 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF113362.D

Acq: 28 Mar 2019 7:21

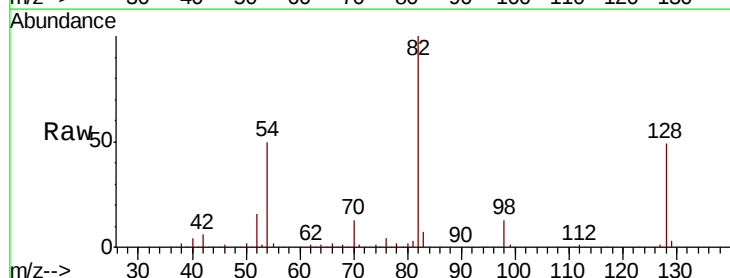
Tgt Ion: 82 Resp: 1052720

Ion Ratio Lower Upper

82 100

128 49.4 36.5 54.7

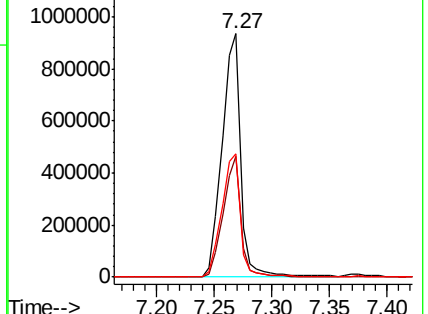
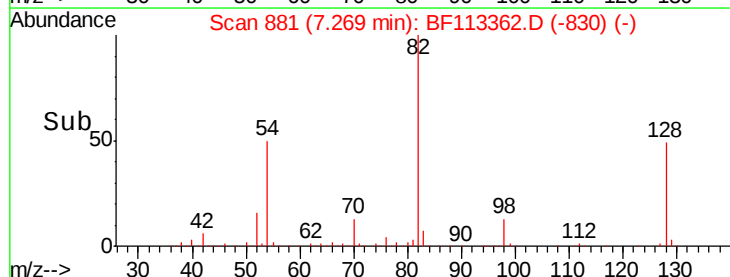
54 50.5 42.2 63.2

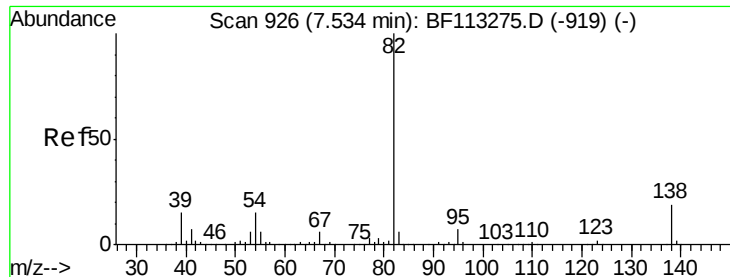


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

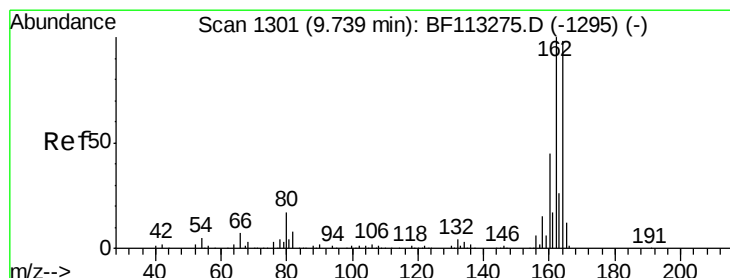
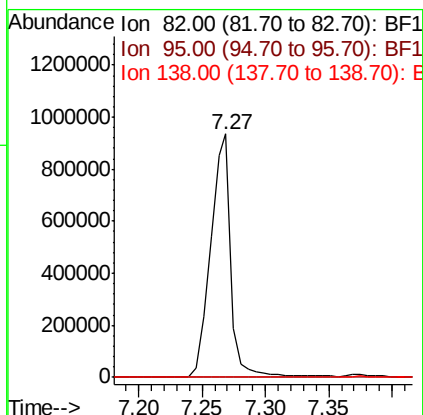
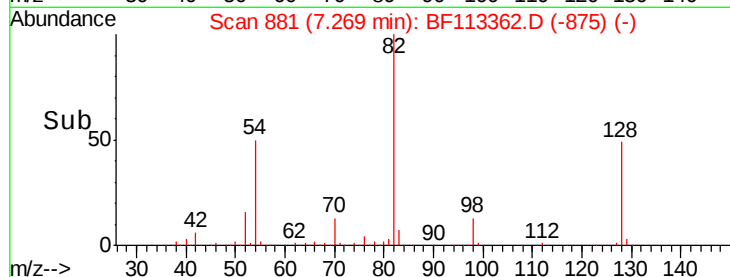
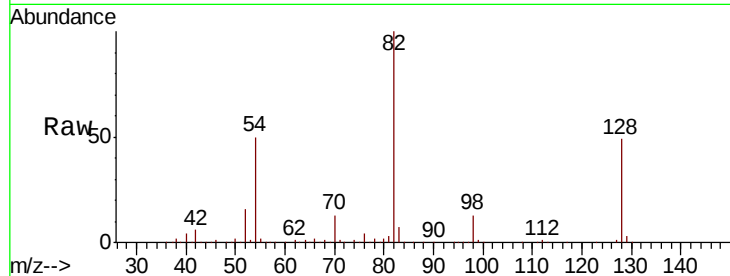




#25
Isophorone
Concen: 49.126 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.26 min
Lab File: BF113362.D
Acq: 28 Mar 2019 7:21

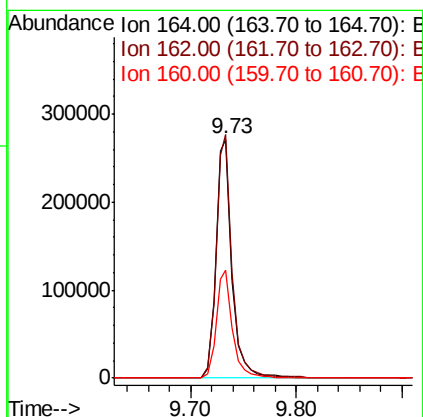
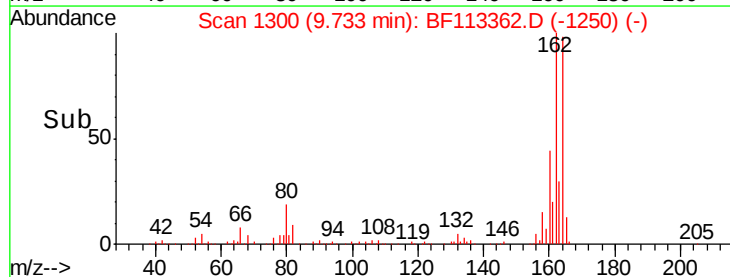
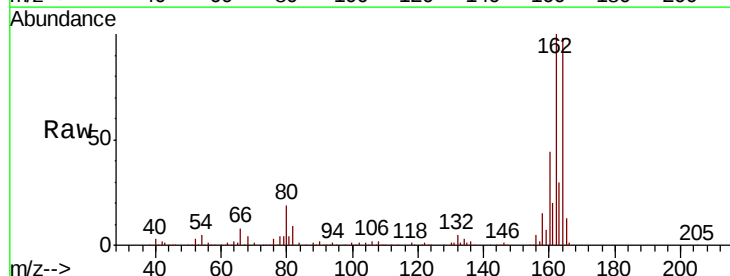
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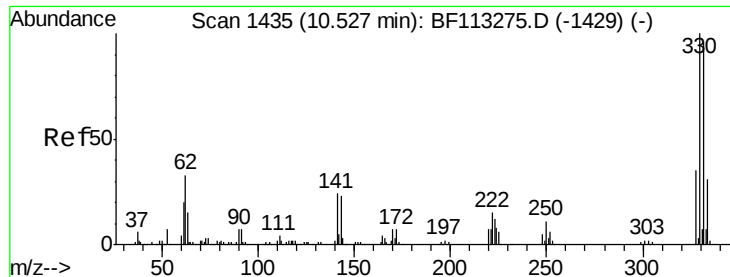
Tgt Ion: 82 Resp: 1044407
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113362.D
Acq: 28 Mar 2019 7:21

Tgt Ion: 164 Resp: 291823
Ion Ratio Lower Upper
164 100
162 102.0 81.8 122.6
160 45.2 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 101.797 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113362.D

Acq: 28 Mar 2019 7:21

Instrument :

BNA_F

ClientSampleId :

CS-17

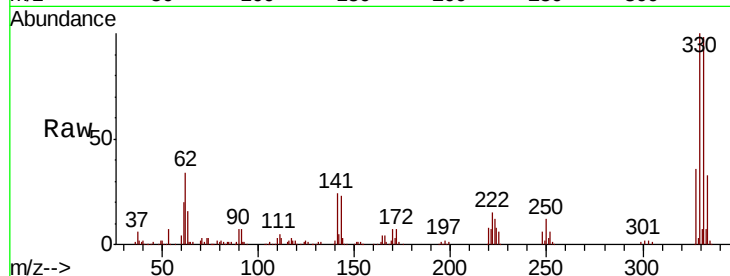
Tgt Ion:330 Resp: 366947

Ion Ratio Lower Upper

330 100

332 97.4 77.8 116.6

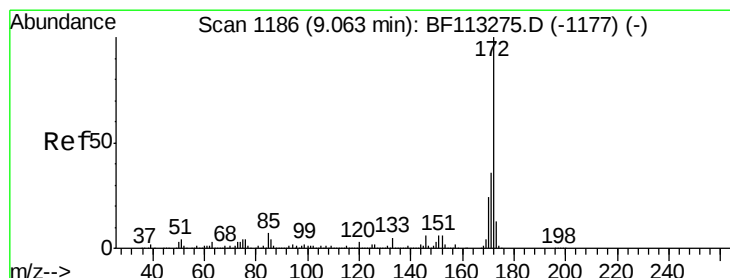
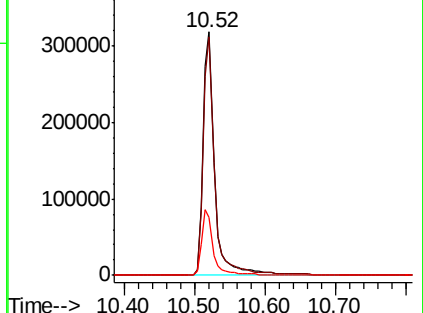
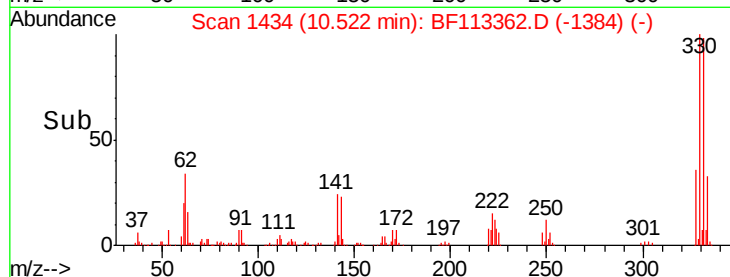
141 27.1 22.7 34.1



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: 107.050 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BF113362.D

Acq: 28 Mar 2019 7:21

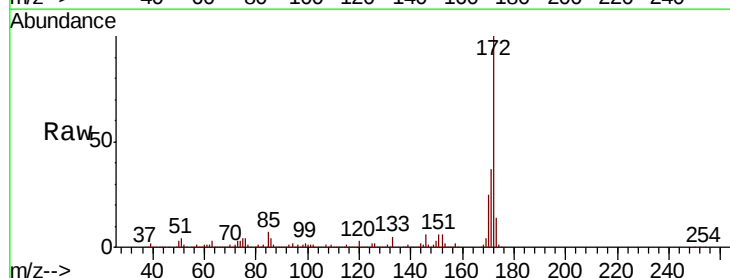
Tgt Ion:172 Resp: 1907951

Ion Ratio Lower Upper

172 100

171 36.7 29.0 43.6

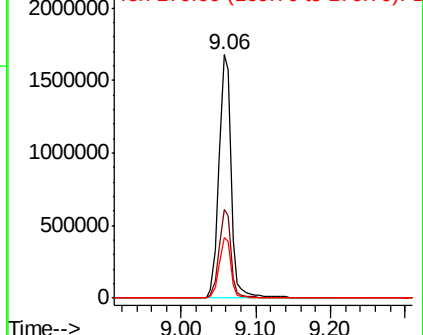
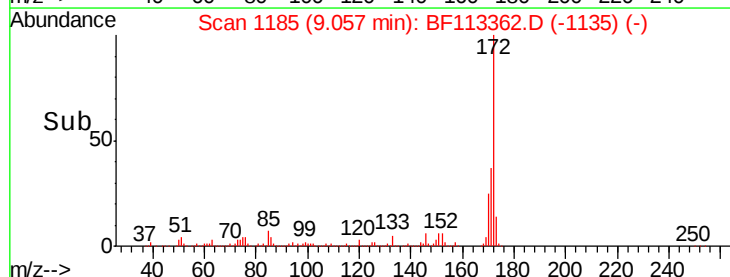
170 24.7 19.5 29.3

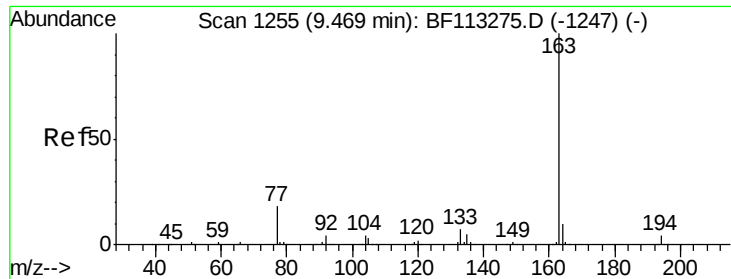


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

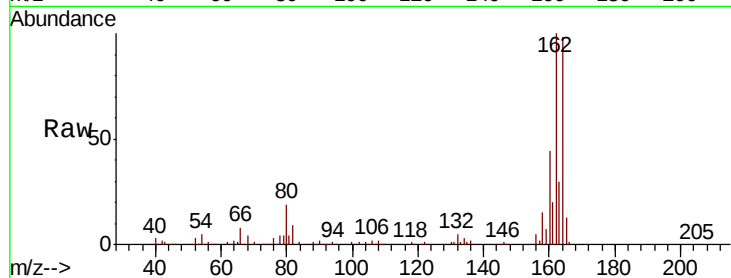




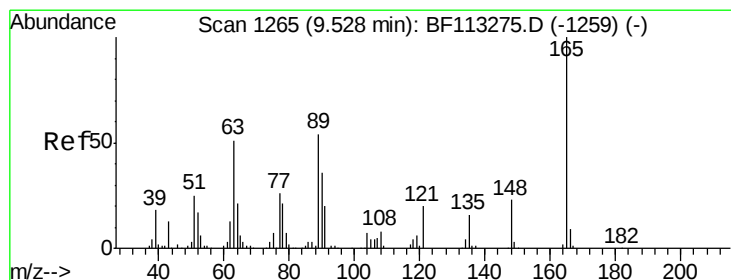
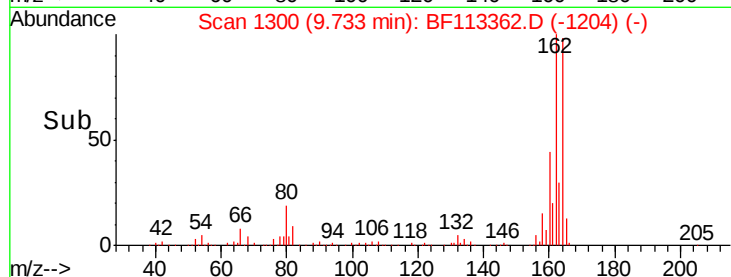
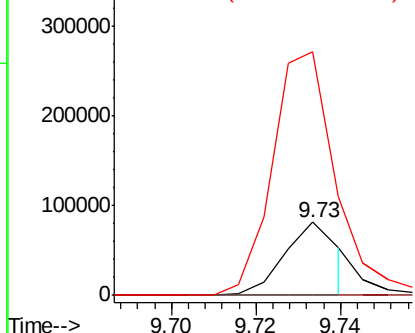
#50
Dimethylphthalate
Concen: 3.331 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.26 min
Lab File: BF113362.D
Acq: 28 Mar 2019 7:21

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BNA_F
ClientSampleId :
CS-17

Tgt Ion:163 Resp: 72048
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 332.1 8.1 12.1#

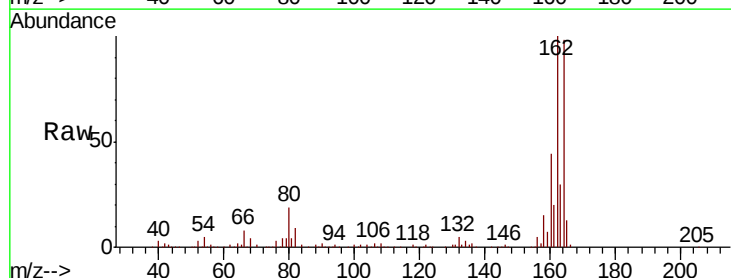


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

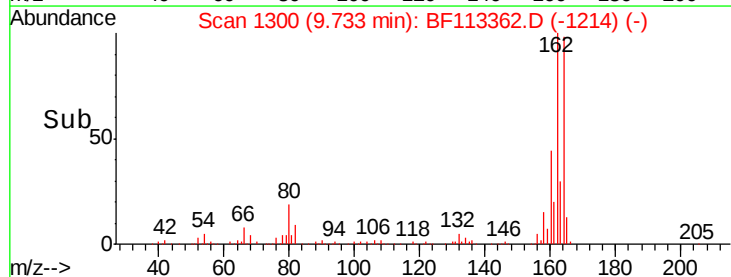
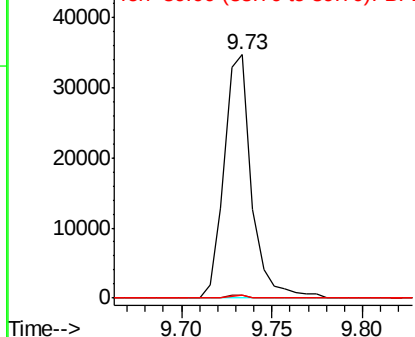


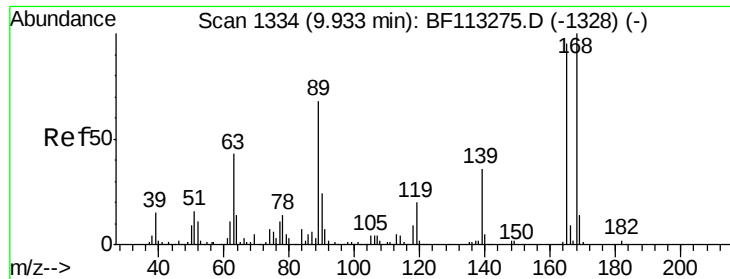
#51
2,6-Dinitrotoluene
Concen: 7.529 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.21 min
Lab File: BF113362.D
Acq: 28 Mar 2019 7:21

Tgt Ion:165 Resp: 36731
Ion Ratio Lower Upper
165 100
63 1.0 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

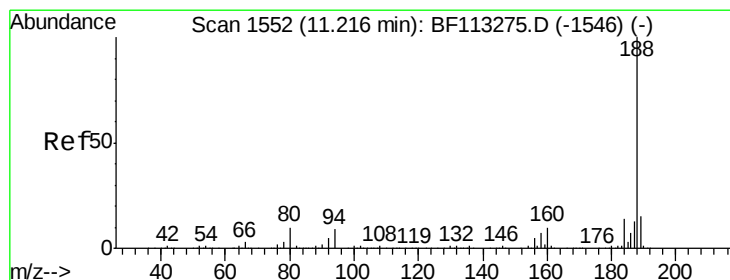
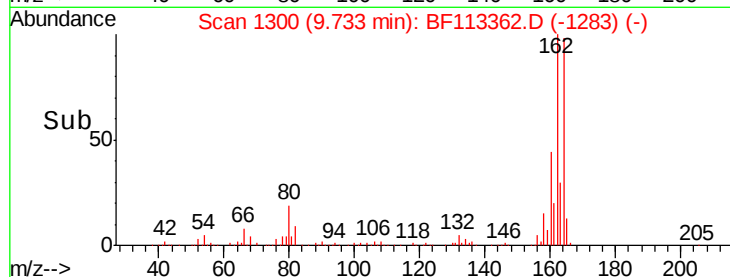
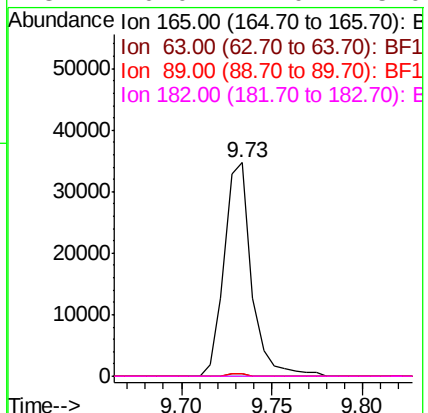
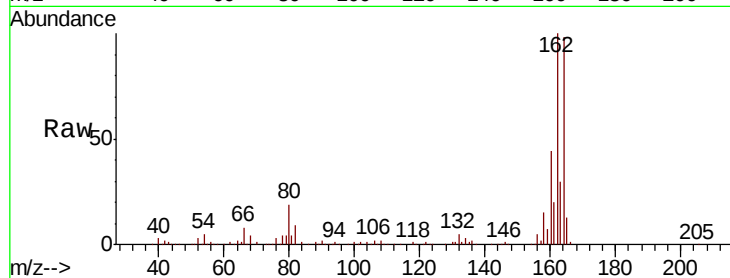




#57
 2,4-Dinitrotoluene
 Concen: 5.920 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113362.D
 Acq: 28 Mar 2019 7:21

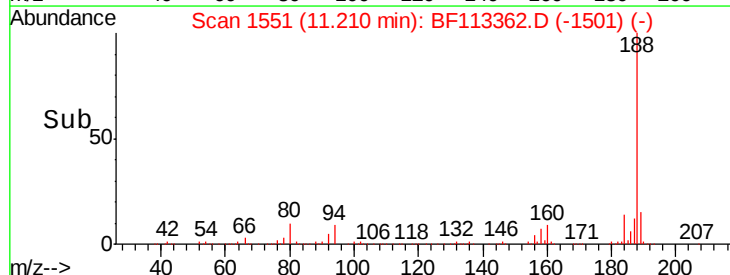
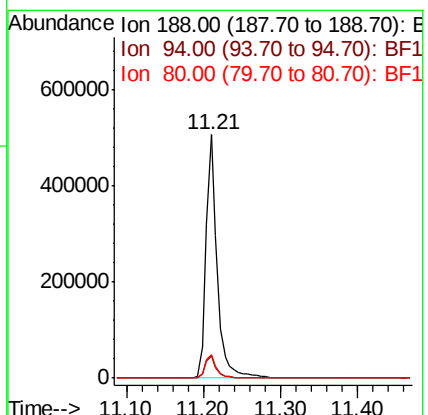
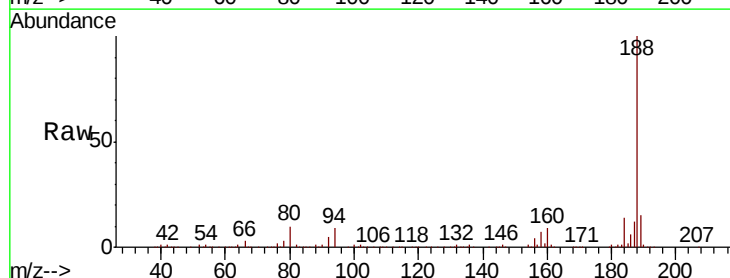
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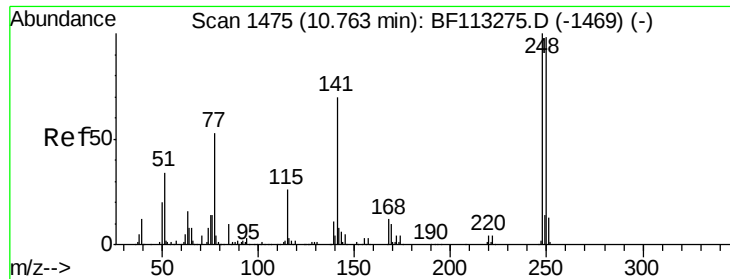
Tgt Ion:165 Resp: 36731
 Ion Ratio Lower Upper
 165 100
 63 1.0 37.5 56.3#
 89 1.2 57.4 86.2#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113362.D
 Acq: 28 Mar 2019 7:21

Tgt Ion:188 Resp: 509788
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.0 10.6
 80 9.9 7.7 11.5

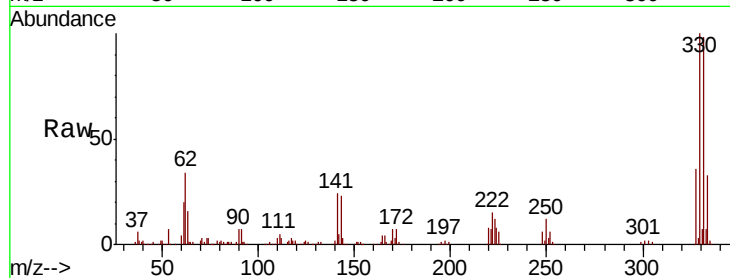




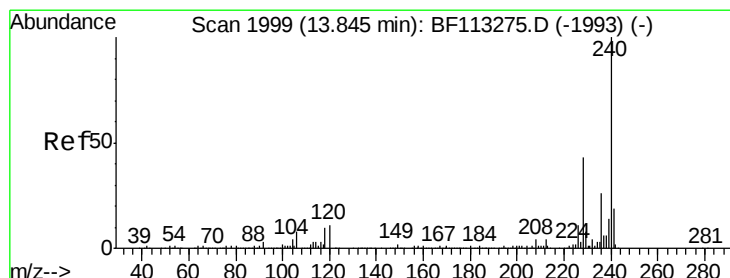
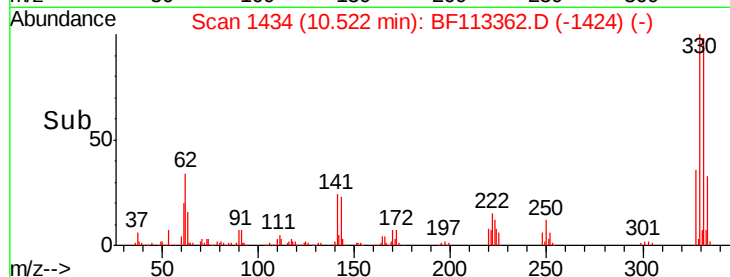
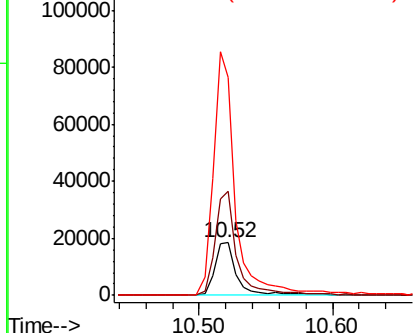
#67
 4-Bromophenyl-phenylether
 Concen: 3.893 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.24 min
 Lab File: BF113362.D
 Acq: 28 Mar 2019 7:21

Instrument :
 BNA_F
 ClientSampled :
 CS-17

Tgt Ion:248 Resp: 21632
 Ion Ratio Lower Upper
 248 100
 250 198.7 78.3 117.5#
 141 412.9 56.2 84.4#

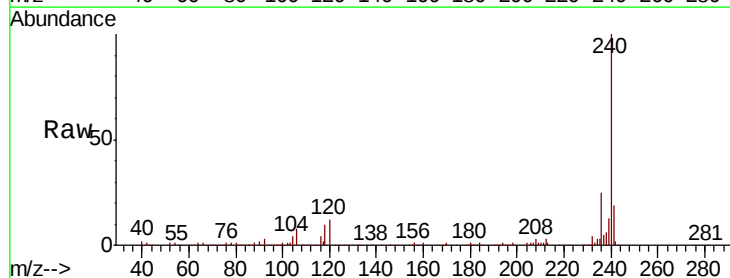


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

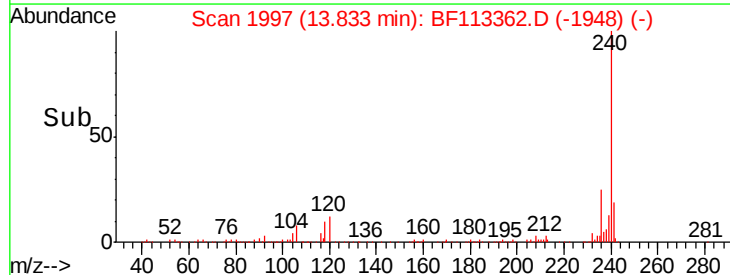
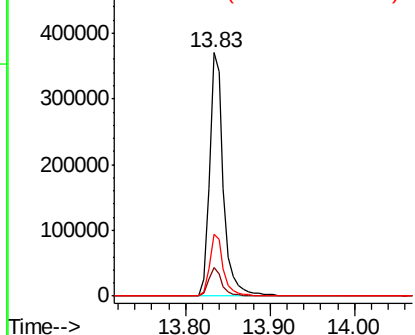


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF113362.D
 Acq: 28 Mar 2019 7:21

Tgt Ion:240 Resp: 428957
 Ion Ratio Lower Upper
 240 100
 120 11.7 8.8 13.2
 236 25.5 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

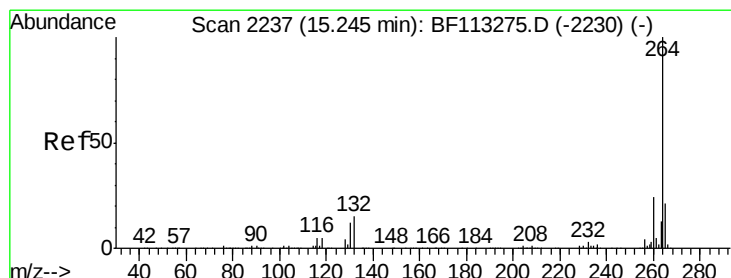
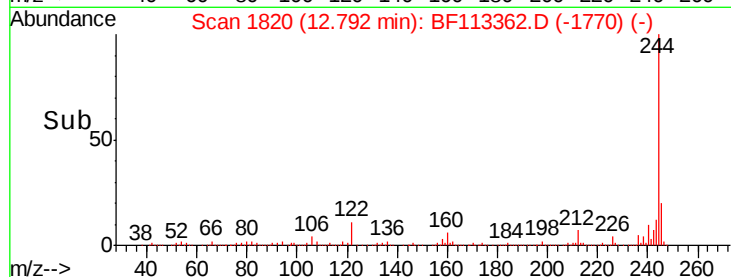
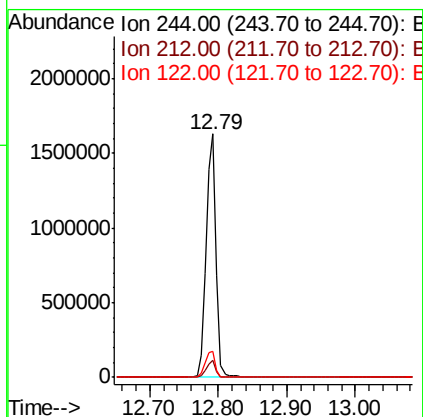
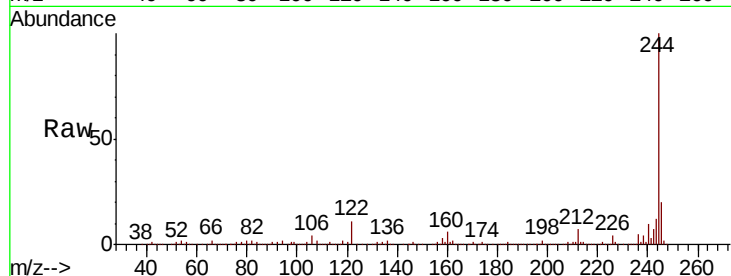




#79
 Terphenyl-d14
 Concen: 86.067 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BF113362.D
 Acq: 28 Mar 2019 7:21

Instrument :
 BNA_F
 ClientSampleId :
 CS-17

Tgt Ion:244 Resp: 1674974
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 10.7 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF113362.D
 Acq: 28 Mar 2019 7:21

Tgt Ion:264 Resp: 318800
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 21.9 17.1 25.7

