

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111318\
 Data File : BF110745.D
 Acq On : 14 Nov 2018 3:42
 Operator : JU/SJ
 Sample : J5916-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110918-SIDI-F-D-B

Quant Time: Nov 14 04:33:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

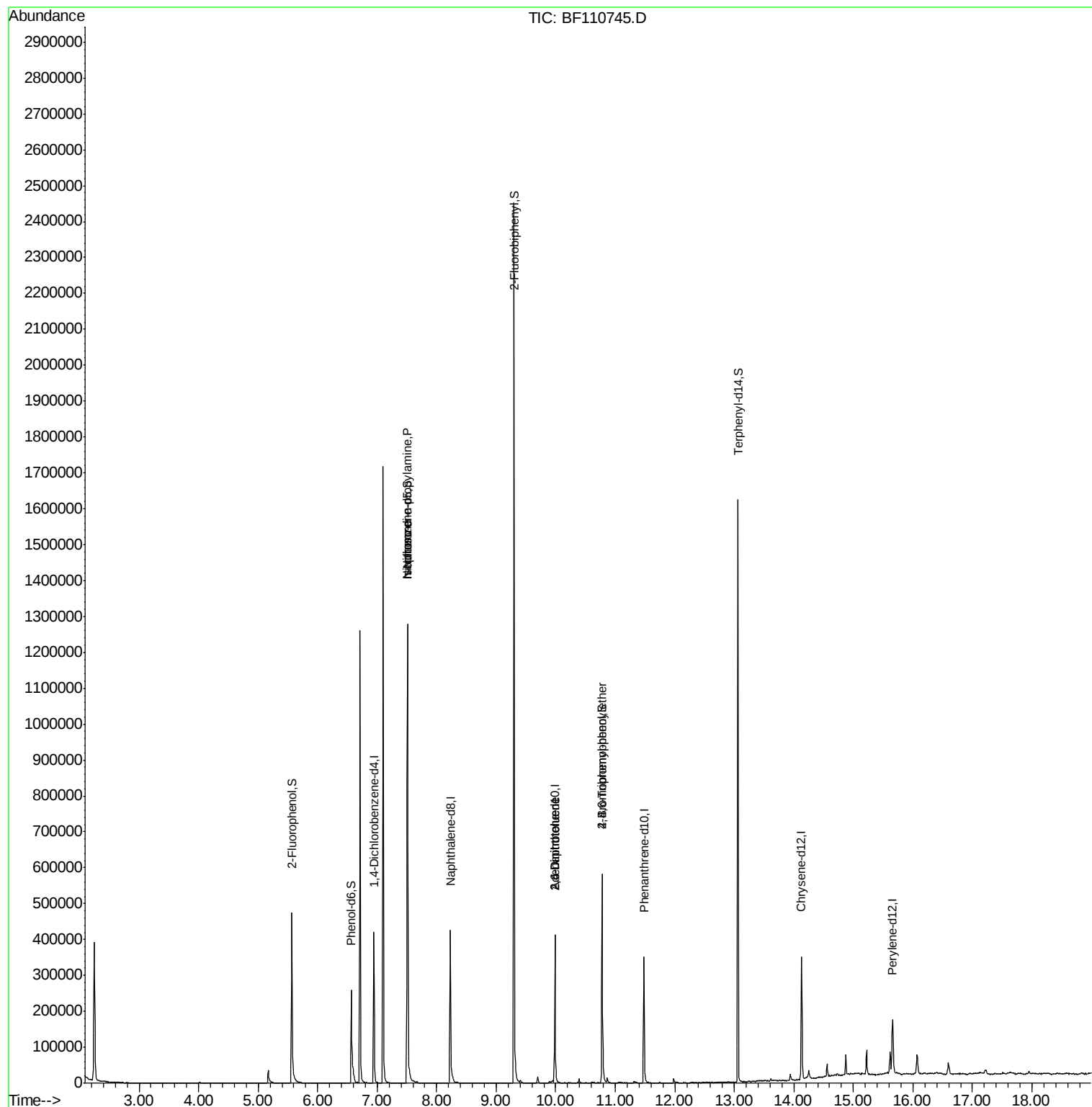
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	64952	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	243245	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	93815	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	155957	20.00	ng	0.00
76) Chrysene-d12	14.13	240	135157	20.00	ng	-0.01
87) Perylene-d12	15.66	264	89810	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	160548	40.15	ng	0.00
7) Phenol-d6	6.56	99	117390	22.96	ng	-0.01
23) Nitrobenzene-d5	7.51	82	432496	102.40	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	78876	83.44	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	738970	112.50	ng	0.00
79) Terphenyl-d14	13.06	244	568934	78.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	56708	17.374	ng	# 80
25) Isophorone	7.51	82	432494	62.474	ng	# 67
51) 2,6-Dinitrotoluene	9.99	165	11626	7.550	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	11626	5.807	ng	# 17
67) 4-Bromophenyl-phenylether	10.78	248	4883	2.833	ng	# 1

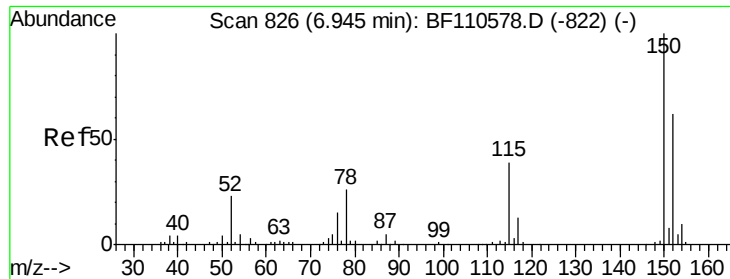
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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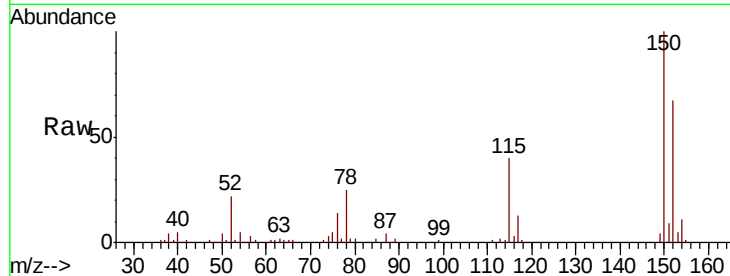




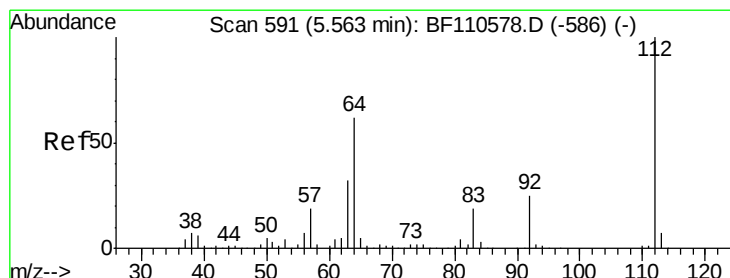
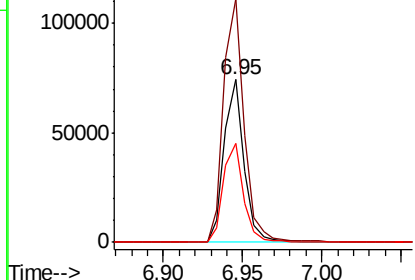
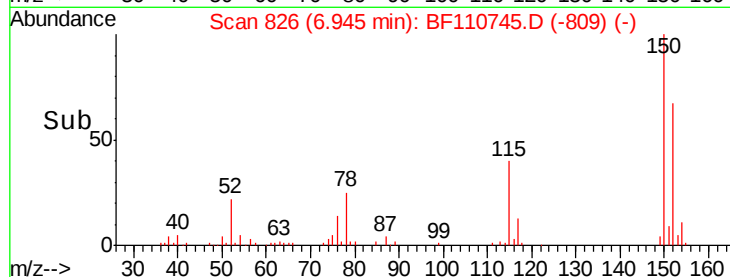
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110745.D
 Acq: 14 Nov 2018 3:42

Instrument :
 BNA_F
 ClientSampleId :
 110918-SIDI-F-D-B

Tgt Ion:152 Resp: 64952
 Ion Ratio Lower Upper
 152 100
 150 149.7 122.7 184.1
 115 60.5 49.1 73.7

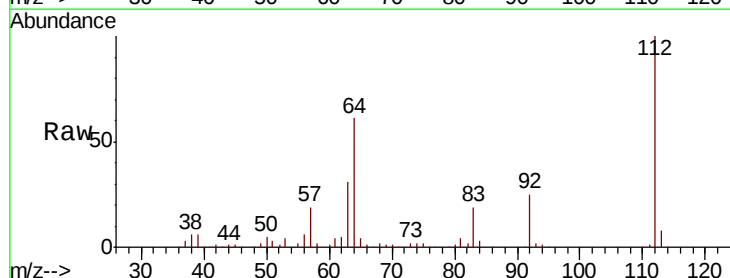


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

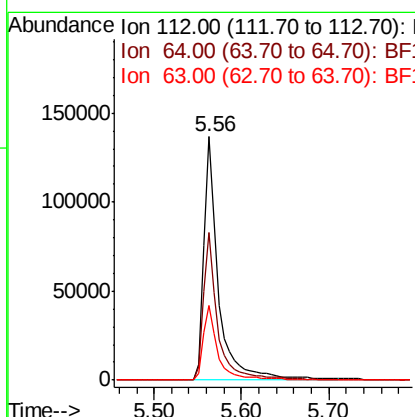
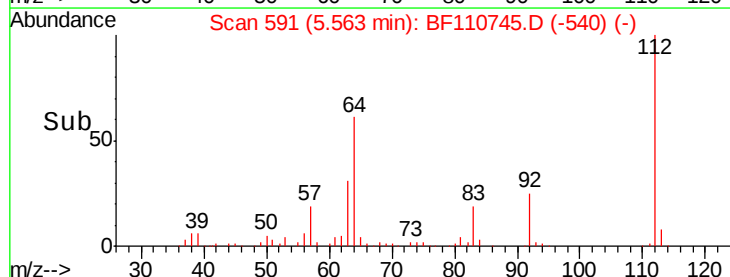


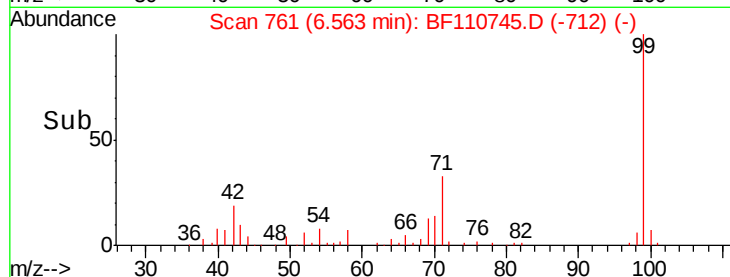
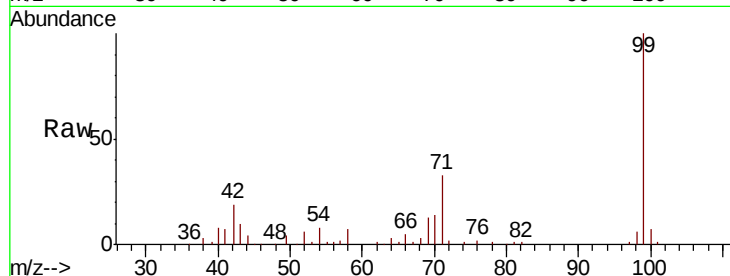
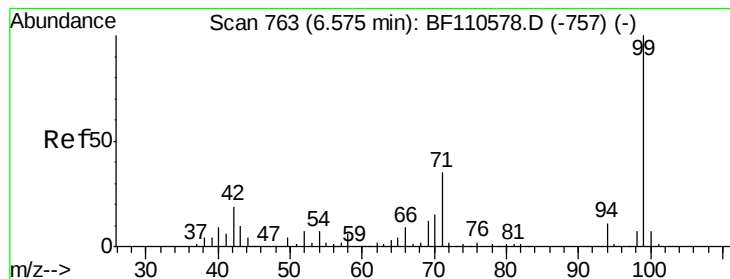
#5
 2-Fluorophenol
 Concen: 40.150 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110745.D
 Acq: 14 Nov 2018 3:42

Tgt Ion:112 Resp: 160548
 Ion Ratio Lower Upper
 112 100
 64 60.6 44.1 66.1
 63 30.8 23.7 35.5



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: 22.957 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110745.D

Acq: 14 Nov 2018 3:42

Instrument :

BNA_F

ClientSampleId :

110918-SIDI-F-D-B

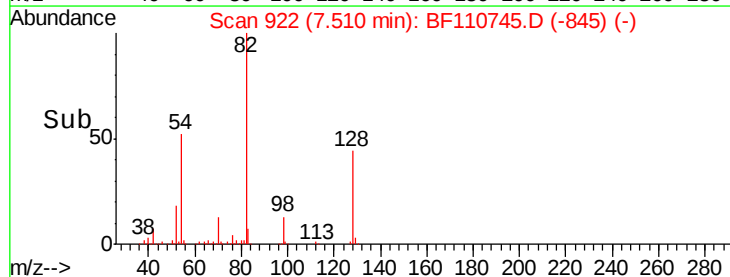
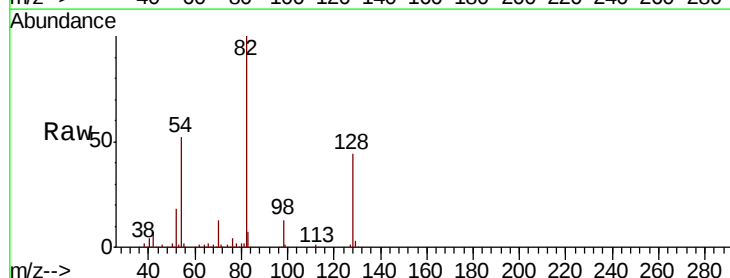
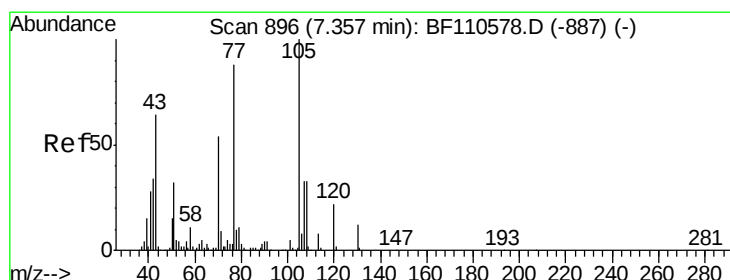
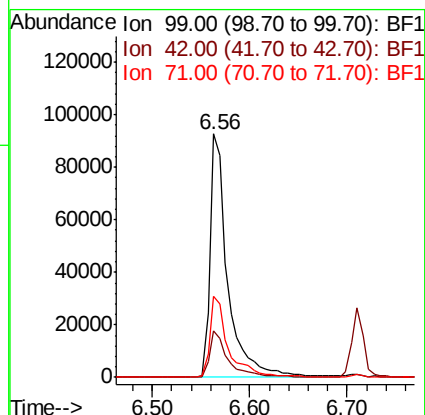
Tgt Ion: 99 Resp: 117390

Ion Ratio Lower Upper

99 100

42 19.3 15.8 23.6

71 33.3 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 17.374 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110745.D

Acq: 14 Nov 2018 3:42

Tgt Ion: 70 Resp: 56708

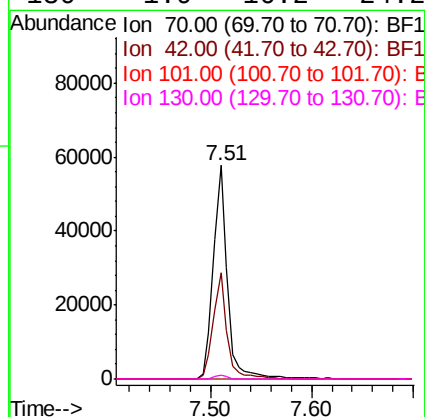
Ion Ratio Lower Upper

70 100

42 49.8 47.4 71.2

101 0.0 7.3 10.9#

130 1.9 16.2 24.2#

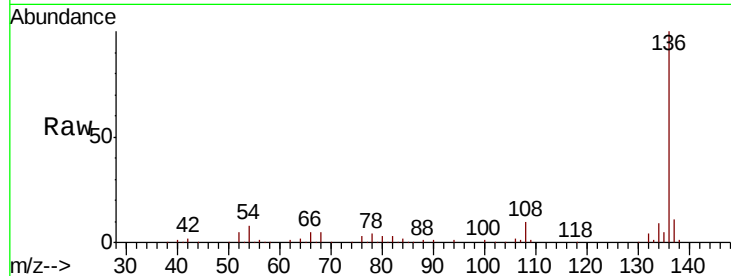




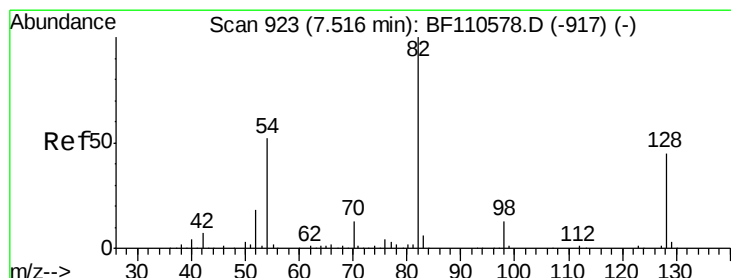
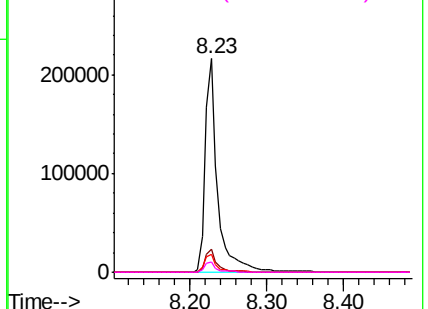
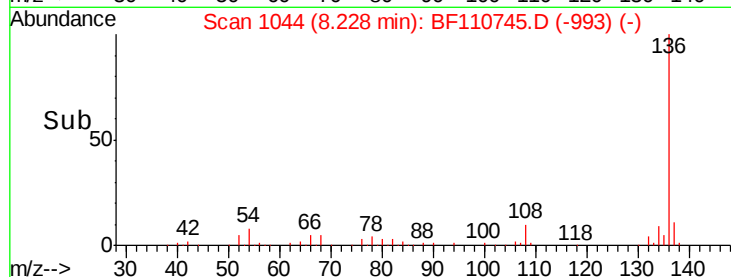
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110745.D
Acq: 14 Nov 2018 3:42

Instrument :
BNA_F
ClientSampleId :
110918-SIDI-F-D-B

Tgt Ion:	136	Resp:	243245
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.1	5.4	8.2
68	4.8	4.2	6.2

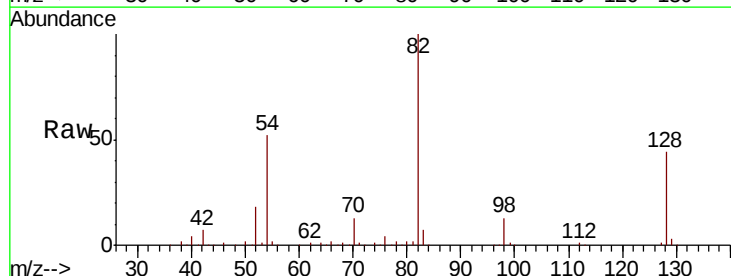


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

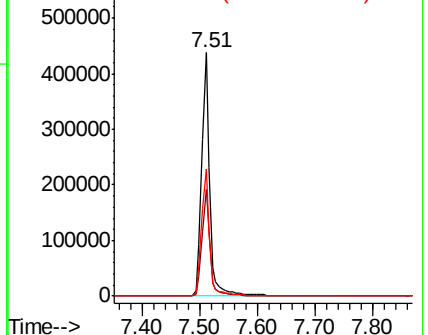
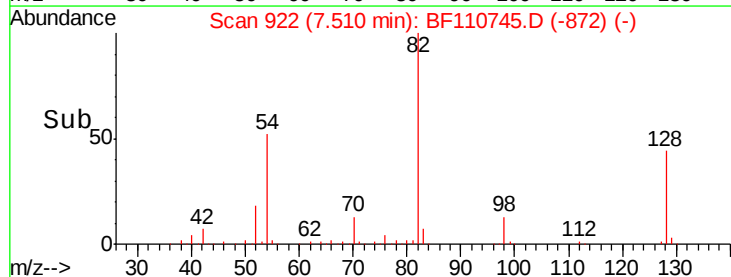


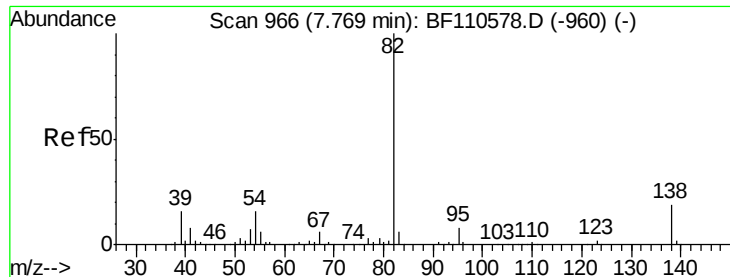
#23
Nitrobenzene-d5
Concen: 102.396 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110745.D
Acq: 14 Nov 2018 3:42

Tgt Ion:	82	Resp:	432496
Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.2	51.2
54	52.4	38.6	58.0



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

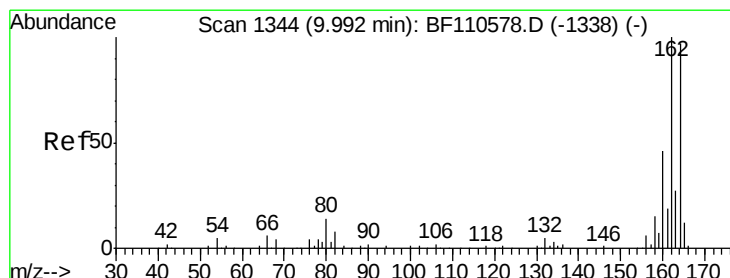
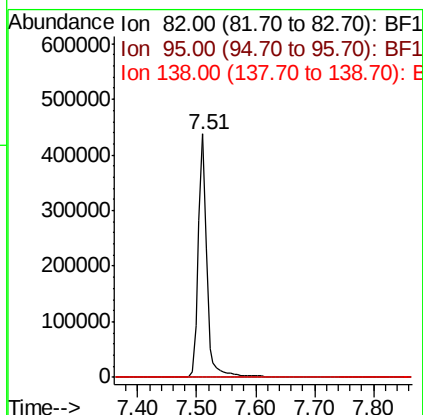
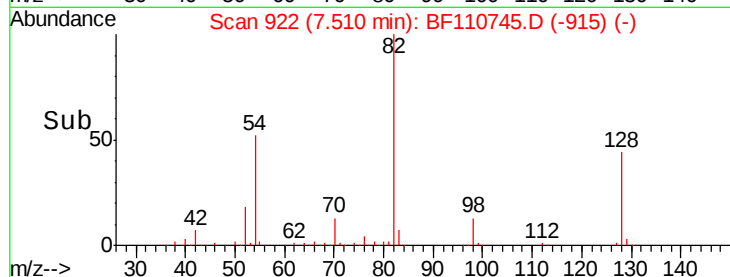
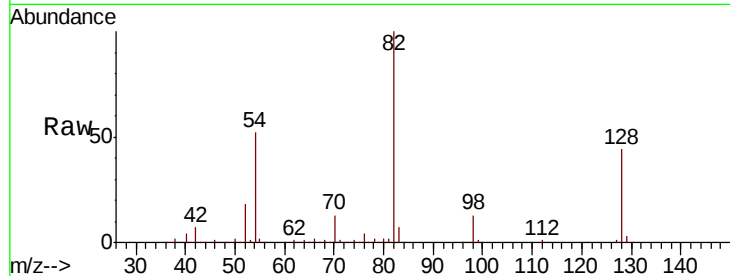




#25
Isophorone
Concen: 62.474 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110745.D
Acq: 14 Nov 2018 3:42

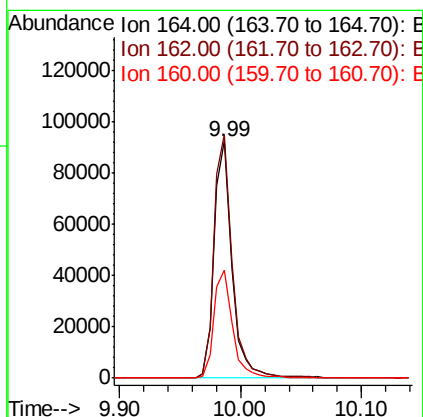
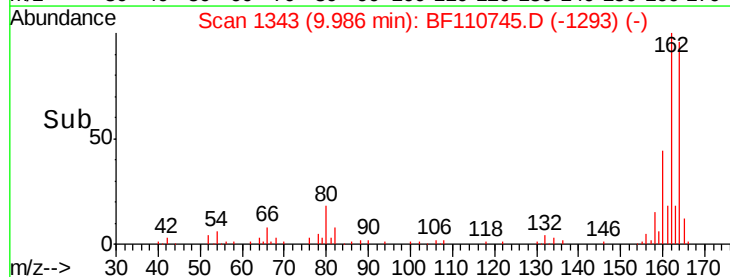
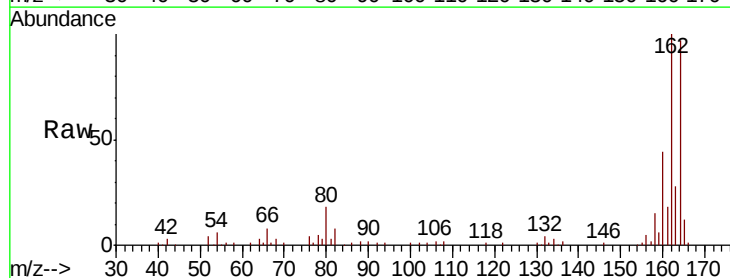
Instrument :
BNA_F
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110918-SIDI-F-D-B

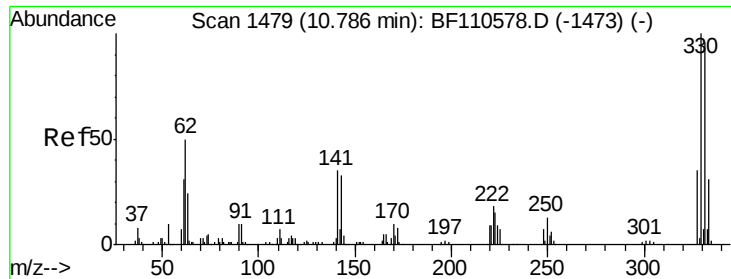
Tgt Ion: 82 Resp: 432494
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110745.D
Acq: 14 Nov 2018 3:42

Tgt Ion: 164 Resp: 93815
Ion Ratio Lower Upper
164 100
162 102.8 83.0 124.6
160 45.5 37.0 55.6

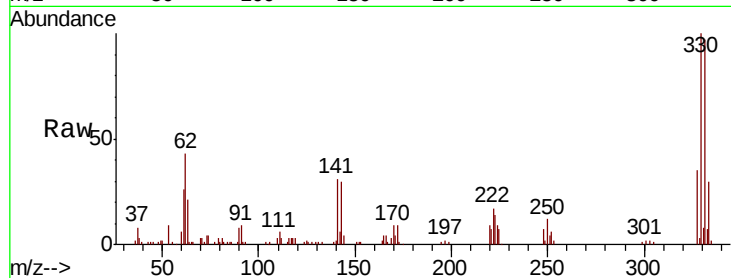




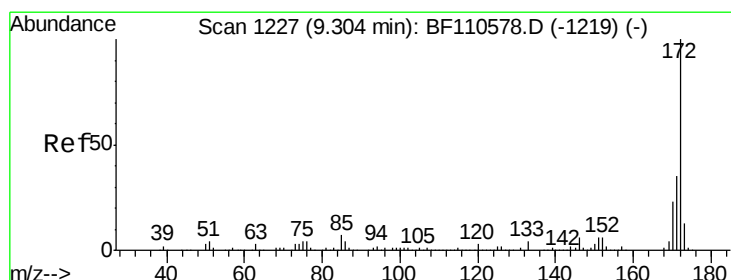
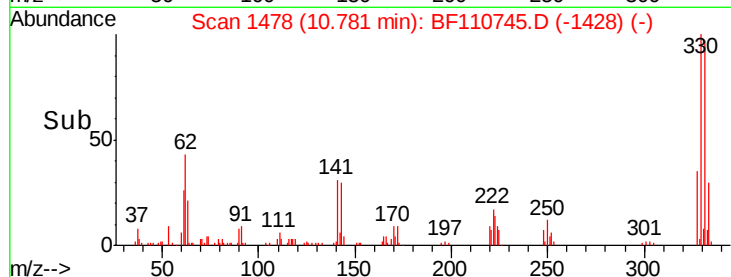
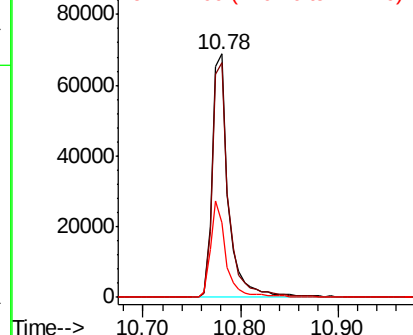
#42
 2,4,6-Tribromophenol
 Concen: 83.440 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110745.D
 Acq: 14 Nov 2018 3:42

Instrument :
 BNA_F
 ClientSampleId :
 110918-SIDI-F-D-B

Tgt Ion:330 Resp: 78876
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.1 115.7
 141 37.5 27.0 40.4

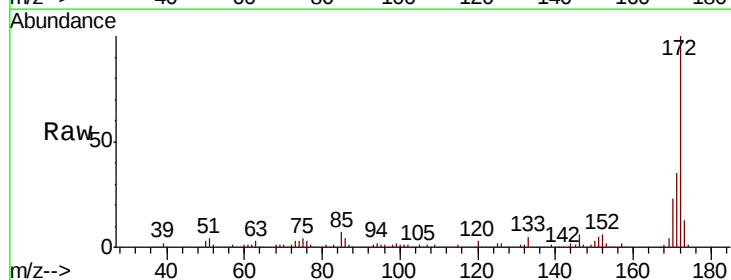


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

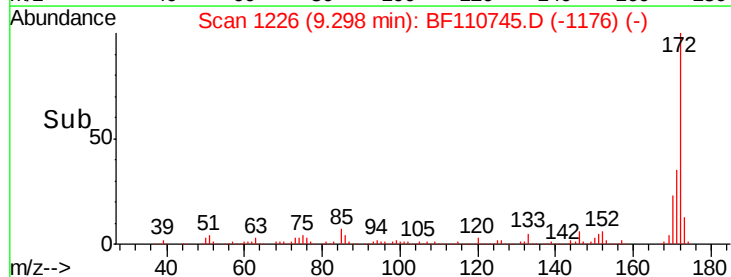
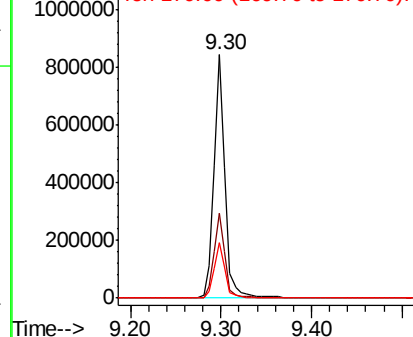


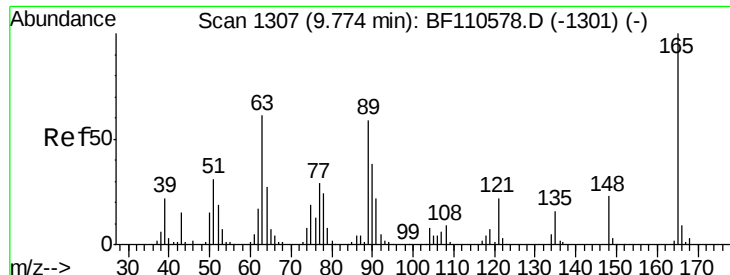
#45
 2-Fluorobiphenyl
 Concen: 112.496 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110745.D
 Acq: 14 Nov 2018 3:42

Tgt Ion:172 Resp: 738970
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.6 43.0
 170 23.0 19.7 29.5



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

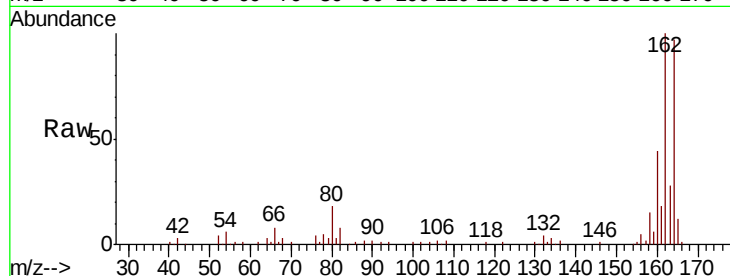




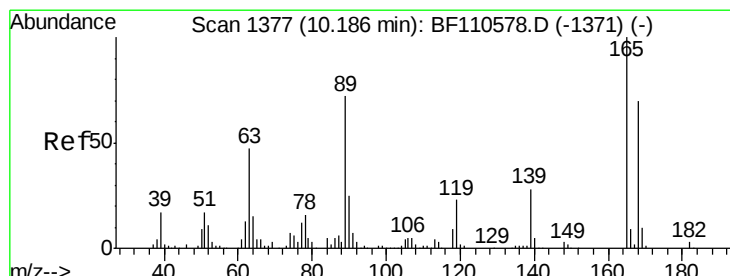
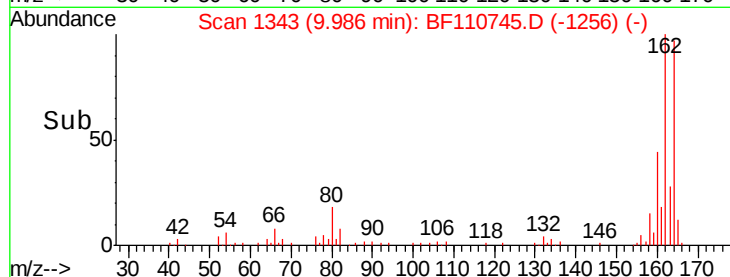
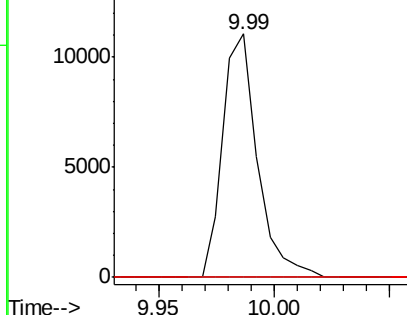
#51
 2,6-Dinitrotoluene
 Concen: 7.550 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110745.D
 Acq: 14 Nov 2018 3:42

Instrument :
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 ClientSampleId :
 110918-SIDI-F-D-B

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



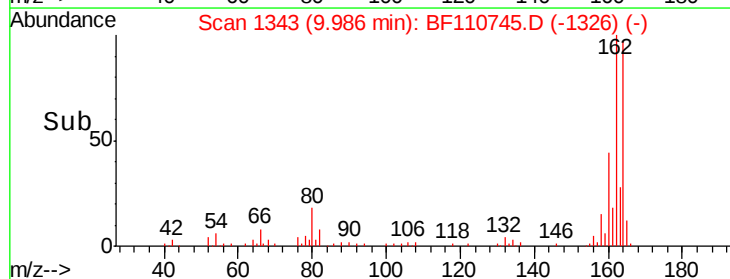
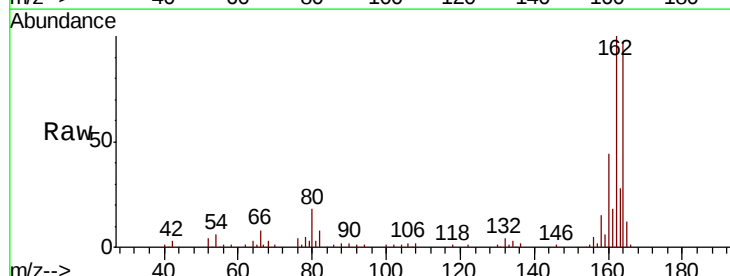
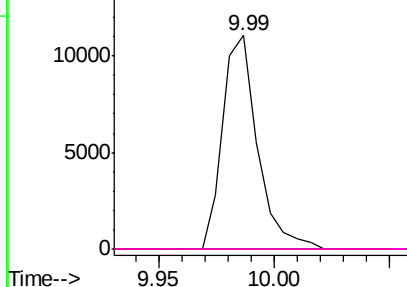
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

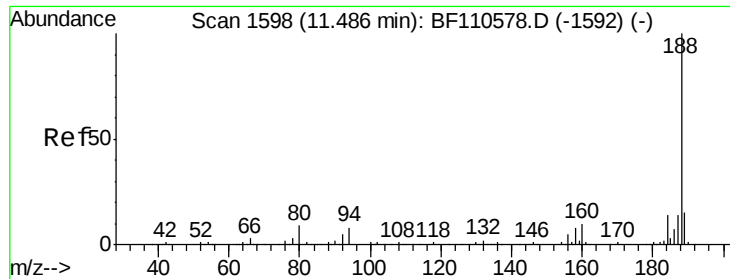


#57
 2,4-Dinitrotoluene
 Concen: 5.807 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110745.D
 Acq: 14 Nov 2018 3:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#

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

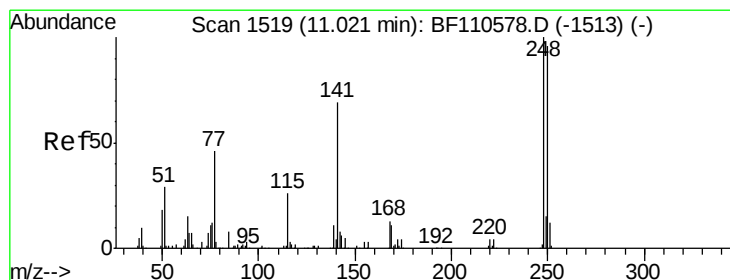
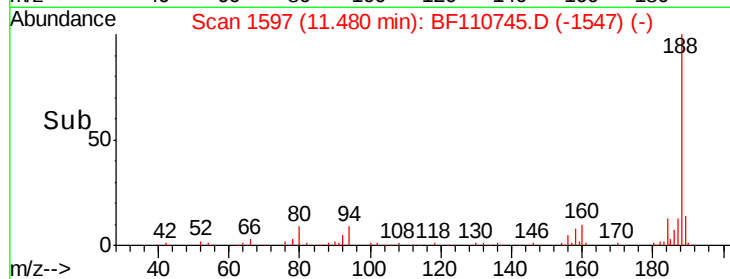
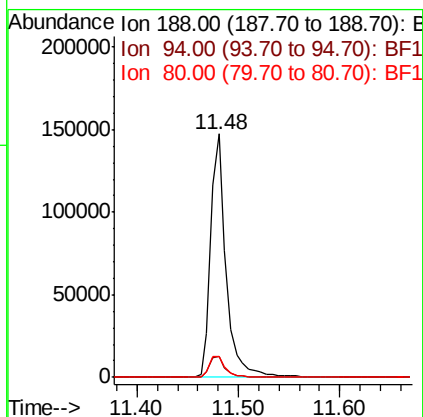
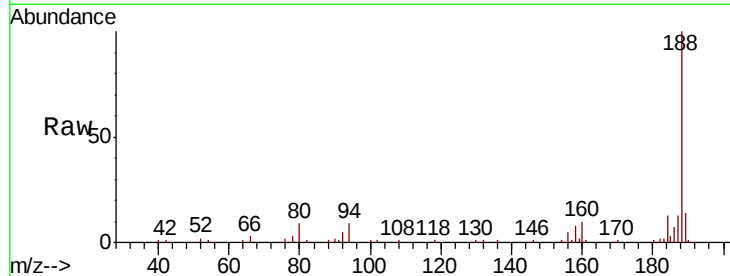




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110745.D
 Acq: 14 Nov 2018 3:42

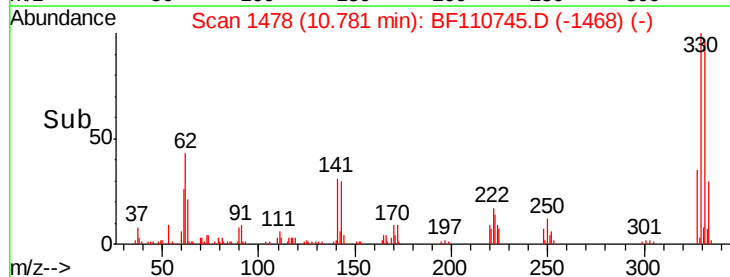
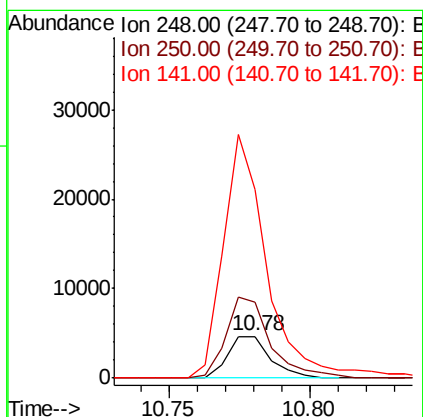
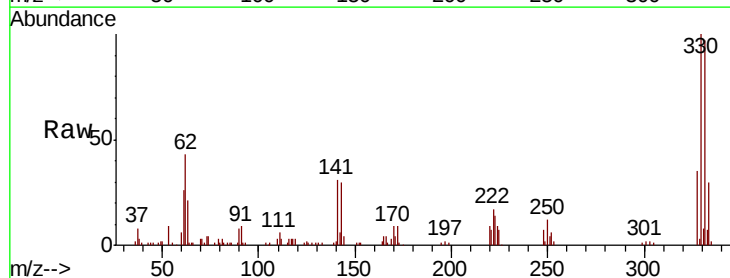
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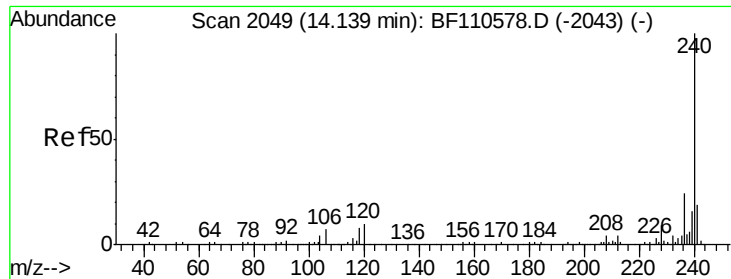
Tgt Ion:188 Resp: 155957
 Ion Ratio Lower Upper
 188 100
 94 8.5 7.2 10.8
 80 8.8 7.9 11.9



#67
 4-Bromophenyl-phenylether
 Concen: 2.833 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF110745.D
 Acq: 14 Nov 2018 3:42

Tgt Ion:248 Resp: 4883
 Ion Ratio Lower Upper
 248 100
 250 182.4 79.4 119.2#
 141 454.2 55.9 83.9#

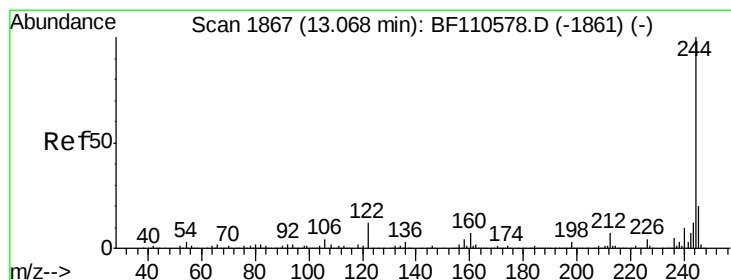
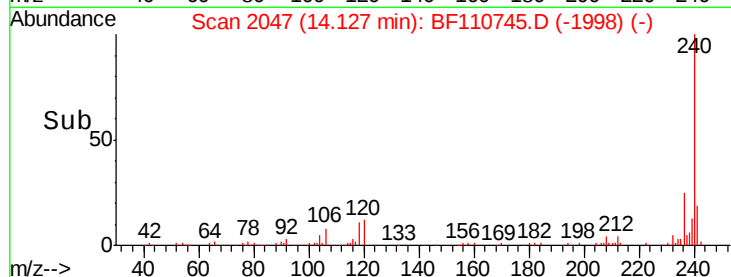
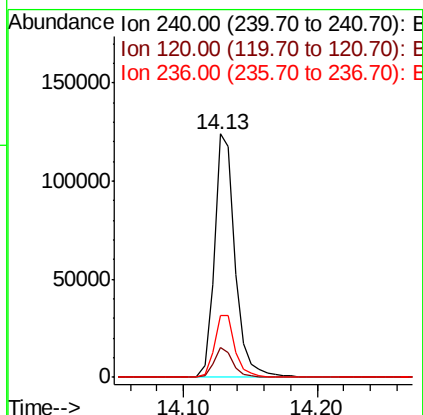
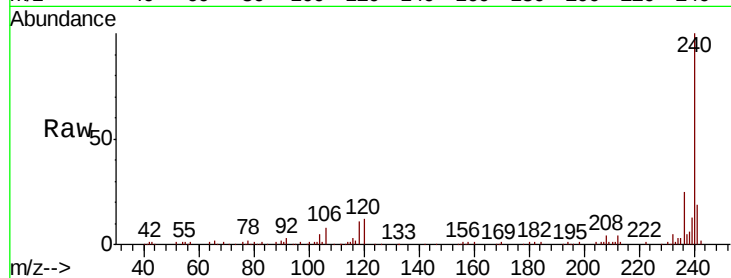




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110745.D
Acq: 14 Nov 2018 3:42

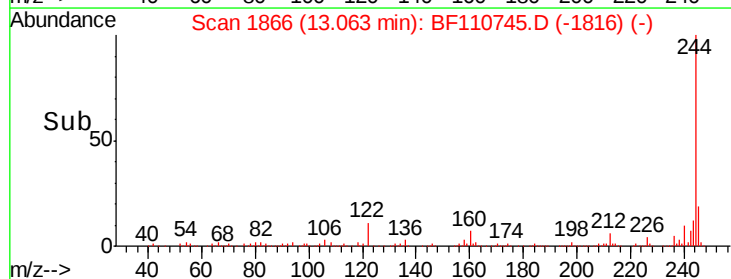
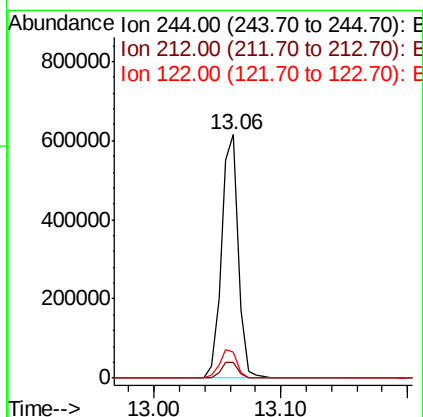
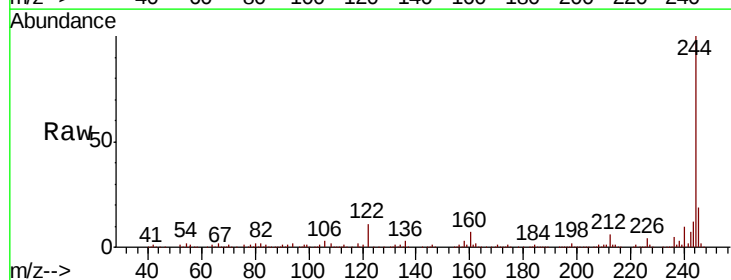
Instrument :
BNA_F
ClientSampleId :
110918-SIDI-F-D-B

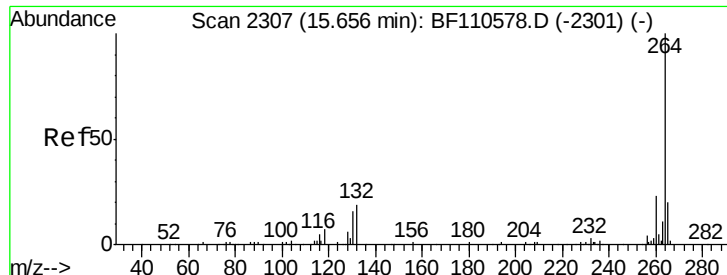
Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.3	12.5
236	25.2	21.2	31.8



#79
Terphenyl-d14
Concen: 78.833 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110745.D
Acq: 14 Nov 2018 3:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.8	8.8
122	10.7	8.7	13.1

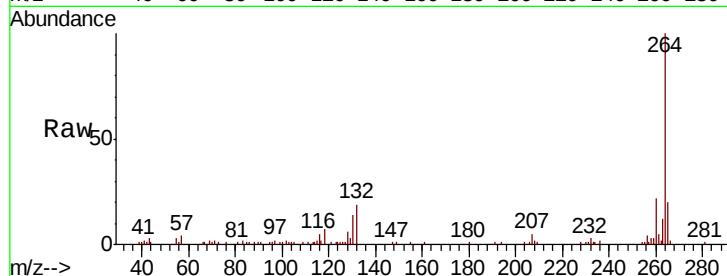




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110745.D
Acq: 14 Nov 2018 3:42

Instrument :
BNA_F
ClientSampleId :
110918-SIDI-F-D-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.7	28.1
265	20.3	16.7	25.1



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

