

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012919\
 Data File : BF112308.D
 Acq On : 29 Jan 2019 21:19
 Operator : JU/SJ
 Sample : K1266-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 012519-SIDI-E-U-B

Quant Time: Jan 30 00:11:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

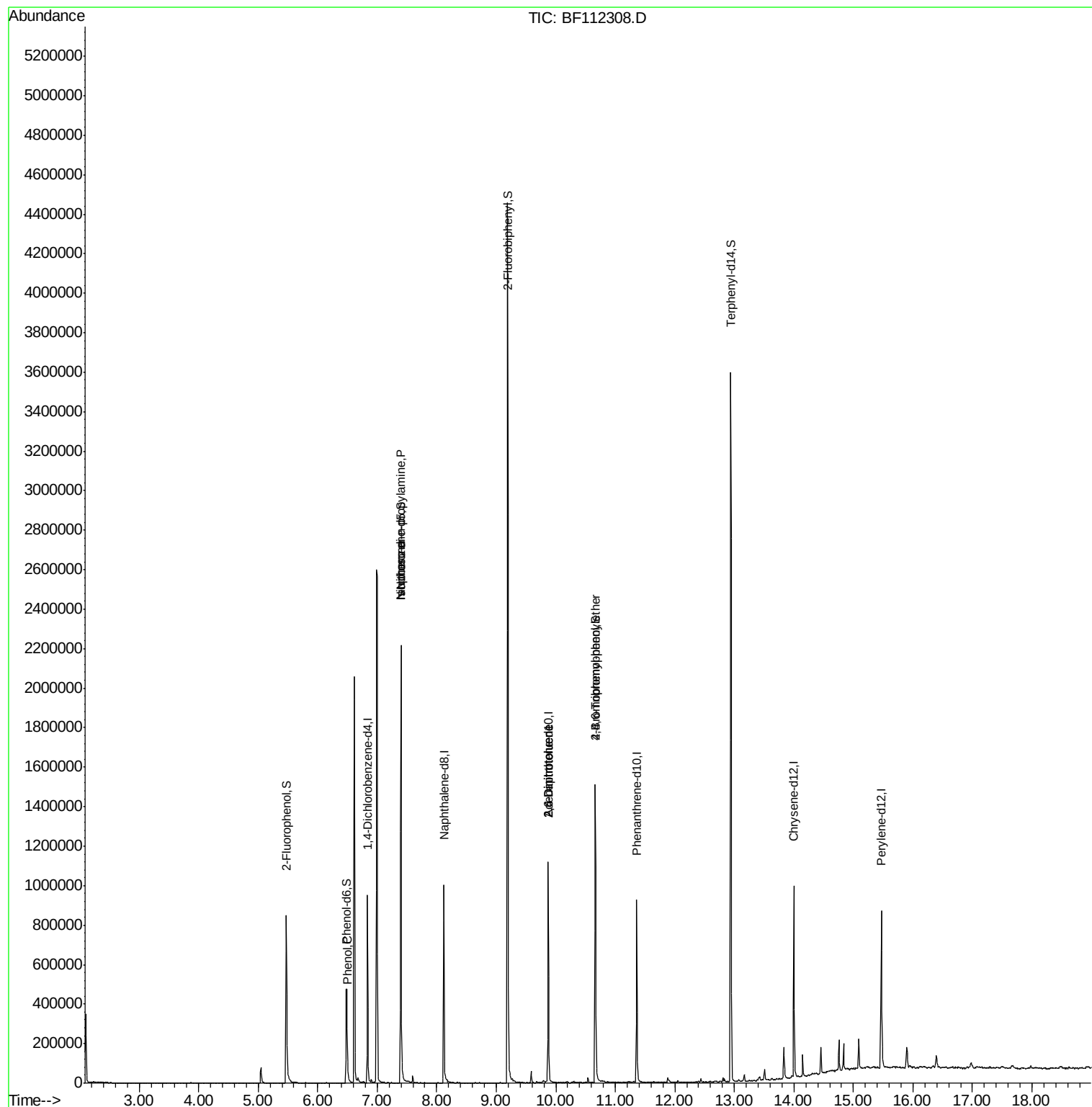
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	144545	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	517088	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	226197	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	403972	20.00	ng	0.00
76) Chrysene-d12	14.00	240	354125	20.00	ng	0.00
87) Perylene-d12	15.47	264	322251	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	277681	40.80	ng	0.00
7) Phenol-d6	6.49	99	200820	21.24	ng	0.00
23) Nitrobenzene-d5	7.40	82	751659	83.76	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	204474	77.66	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1398283	87.43	ng	-0.01
79) Terphenyl-d14	12.94	244	1182006	62.87	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	33113	3.192	ng	# 75
19) n-Nitroso-di-n-propylamine	7.40	70	101826	15.617	ng	# 75
25) Isophorone	7.40	82	748573	53.171	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	29028	7.375	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	29028	5.793	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	11937	2.512	ng	# 1

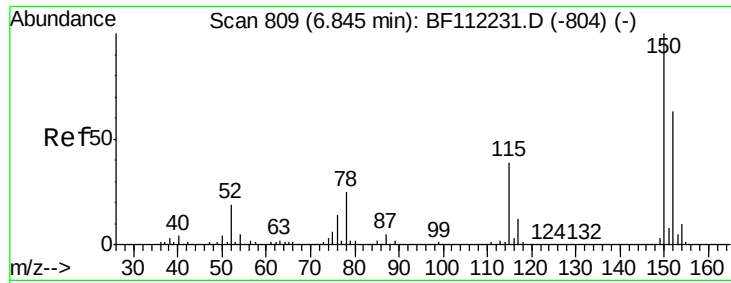
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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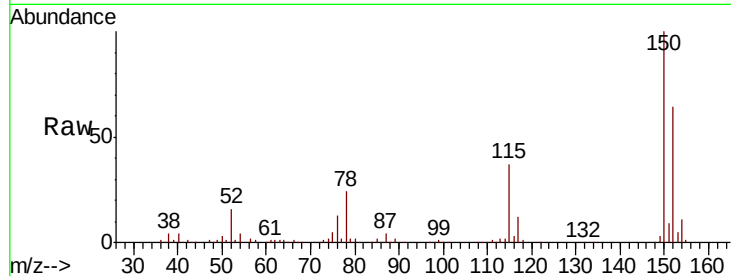


#1

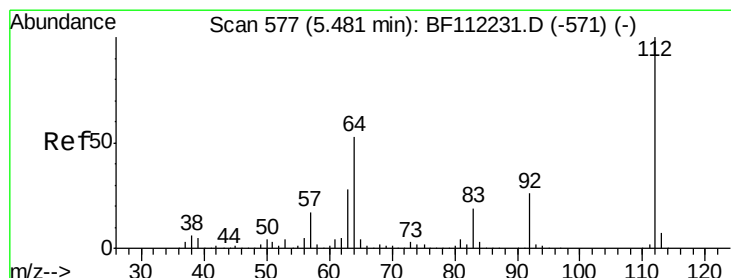
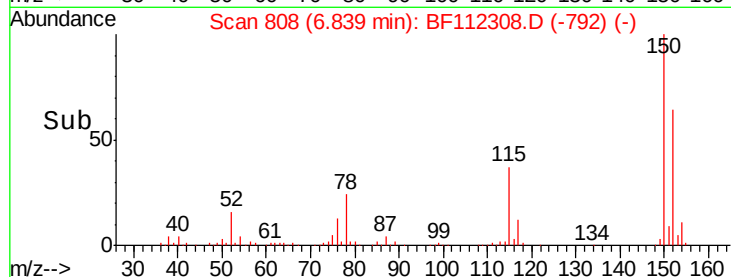
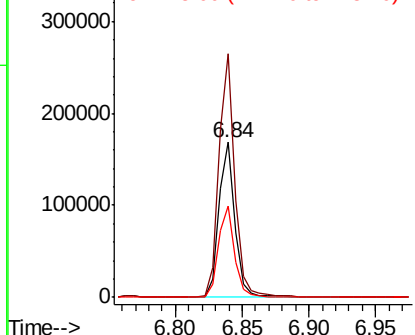
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112308.D
Acq: 29 Jan 2019 21:19

Instrument :
BNA_F
ClientSampleId :
012519-SIDI-E-U-B

Tgt Ion:152 Resp: 144545
Ion Ratio Lower Upper
152 100
150 156.9 127.4 191.0
115 58.7 45.5 68.3



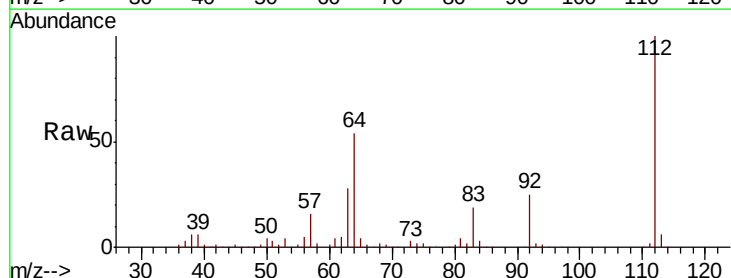
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



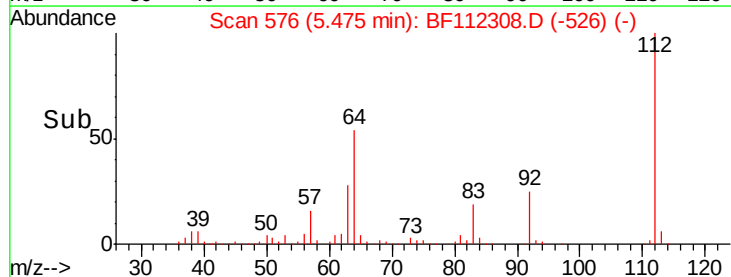
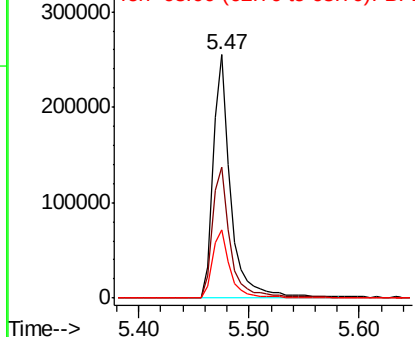
#5

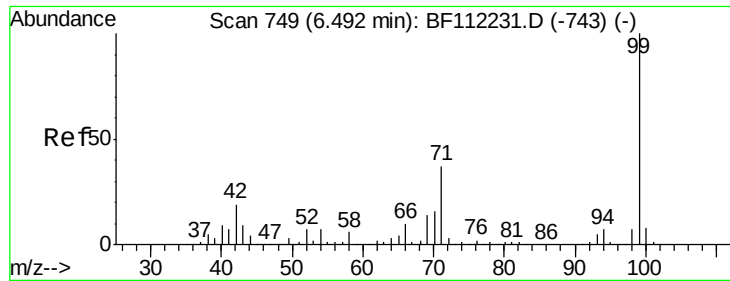
2-Fluorophenol
Concen: 40.805 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112308.D
Acq: 29 Jan 2019 21:19

Tgt Ion:112 Resp: 277681
Ion Ratio Lower Upper
112 100
64 54.1 45.7 68.5
63 28.2 23.6 35.4



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: 21.237 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112308.D

Acq: 29 Jan 2019 21:19

Instrument :

BNA_F

ClientSampleId :

012519-SIDI-E-U-B

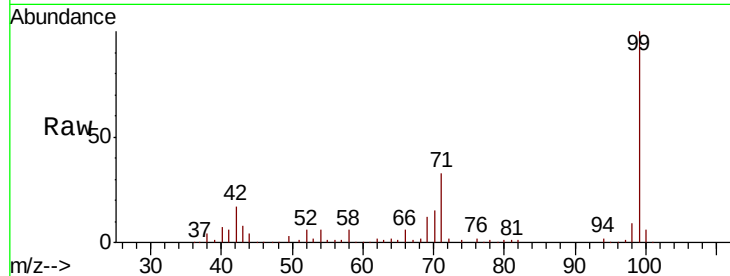
Tgt Ion: 99 Resp: 200820

Ion Ratio Lower Upper

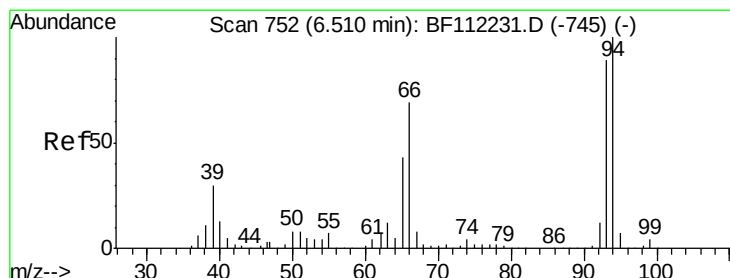
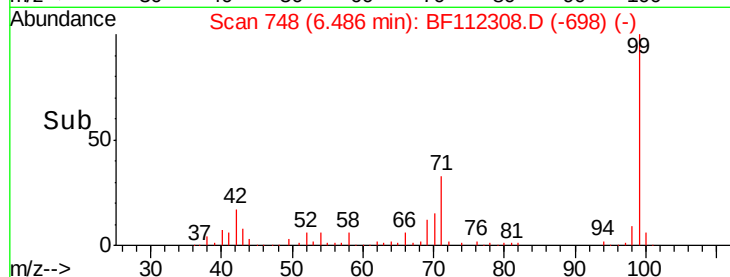
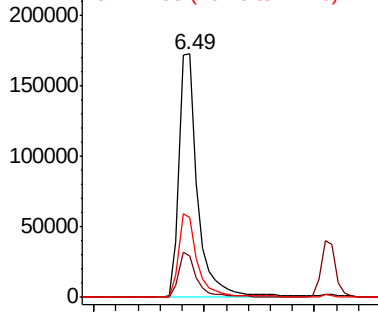
99 100

42 16.9 15.1 22.7

71 32.7 26.9 40.3



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



#10

Phenol

Concen: 3.192 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112308.D

Acq: 29 Jan 2019 21:19

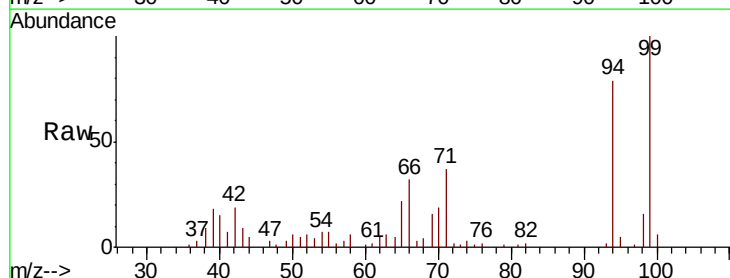
Tgt Ion: 94 Resp: 33113

Ion Ratio Lower Upper

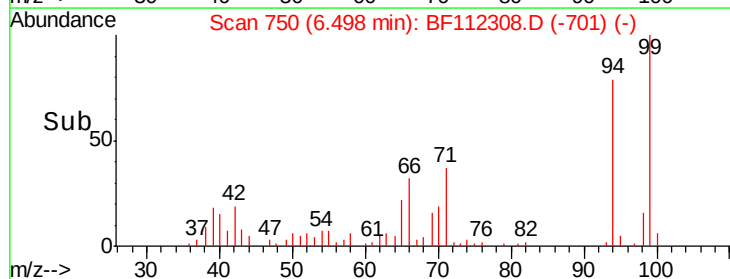
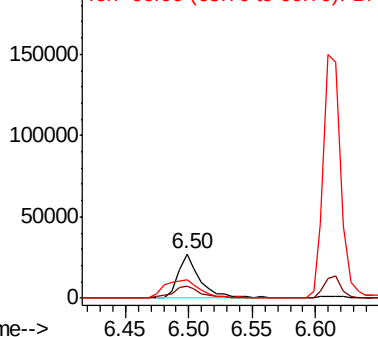
94 100

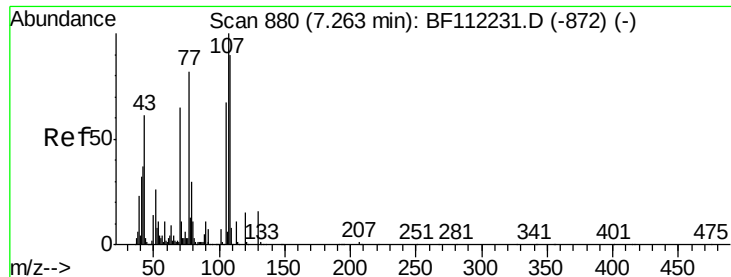
65 27.7 20.3 60.3

66 40.9 42.4 82.4#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

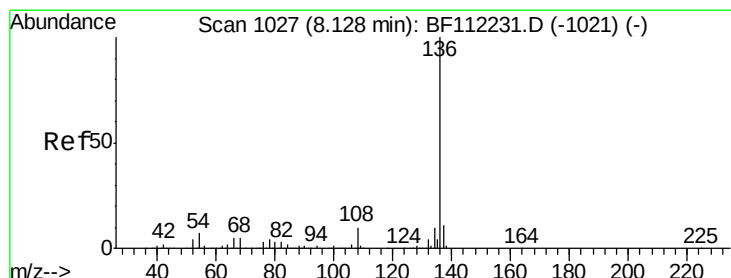
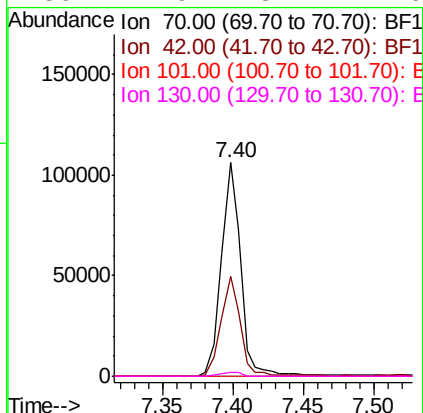
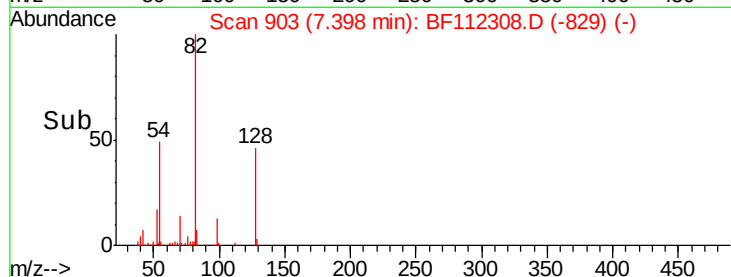
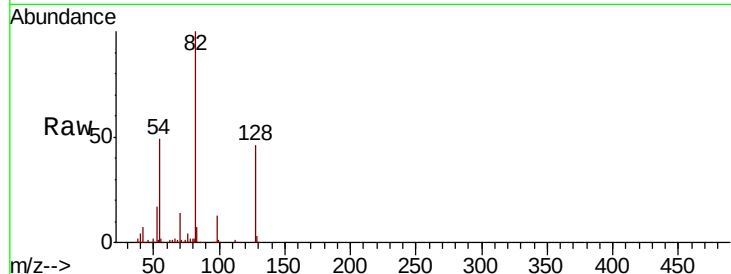




#19
n-Nitroso-di-n-propylamine
Concen: 15.617 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112308.D
Acq: 29 Jan 2019 21:19

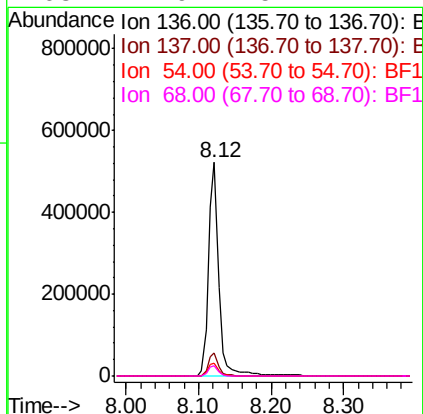
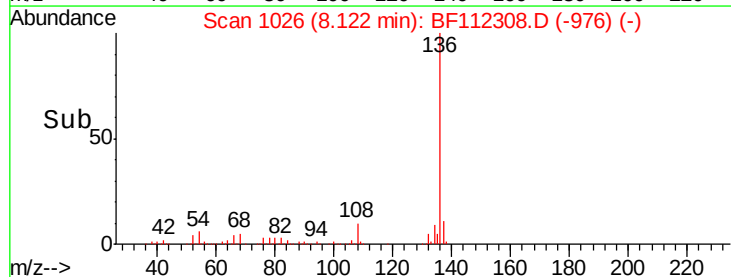
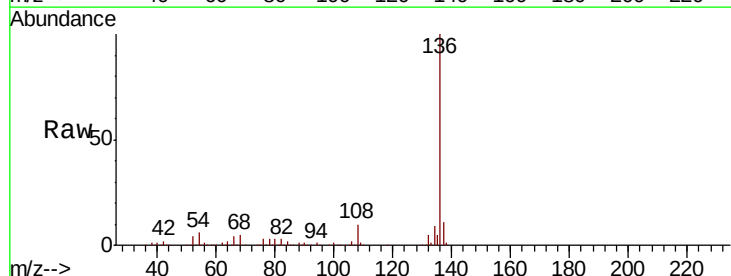
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ClientSampleId :
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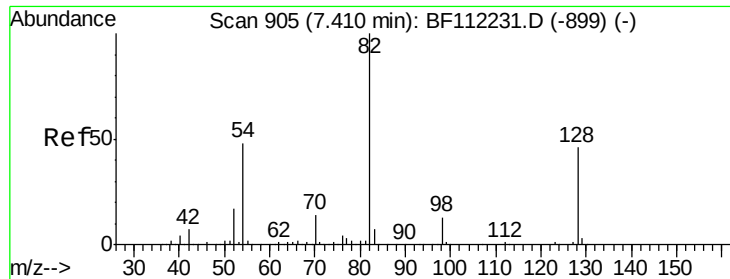
Tgt Ion: 70 Resp: 101826
Ion Ratio Lower Upper
70 100
42 46.7 47.6 71.4#
101 0.0 7.9 11.9#
130 1.9 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112308.D
Acq: 29 Jan 2019 21:19

Tgt Ion: 136 Resp: 517088
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 6.0 5.9 8.9
68 4.9 5.1 7.7#

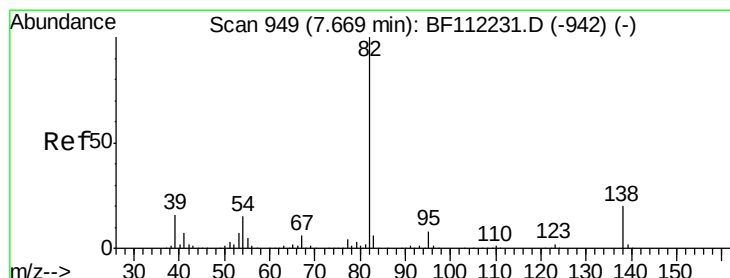
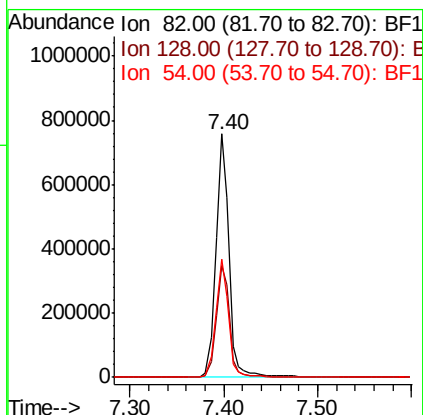
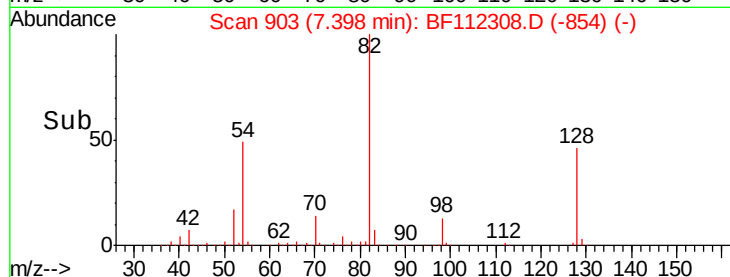
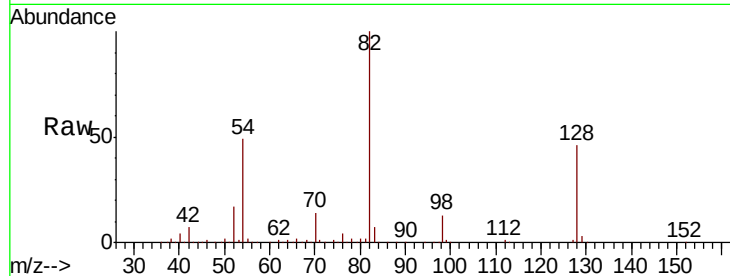




#23
Nitrobenzene-d5
Concen: 83.758 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112308.D
Acq: 29 Jan 2019 21:19

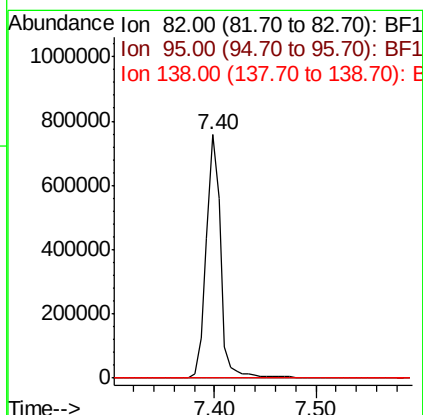
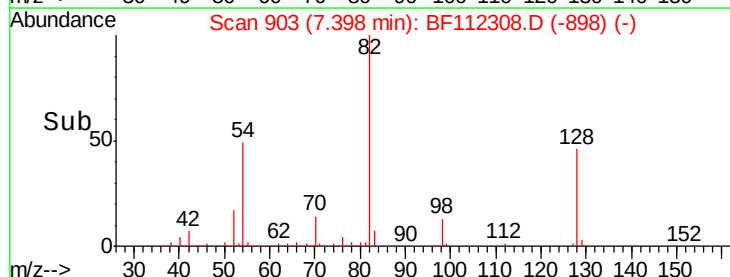
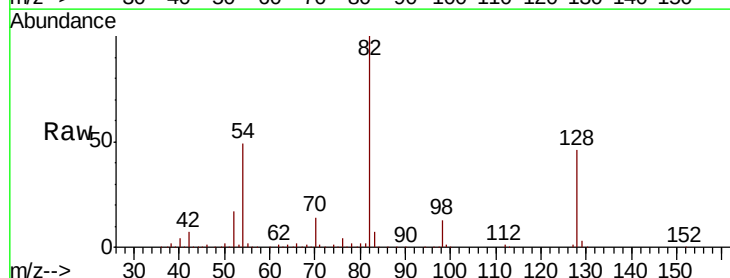
Instrument :
BNA_F
ClientSampleId :
012519-SIDI-E-U-B

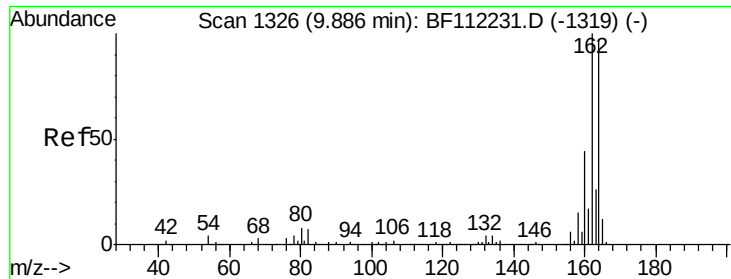
Tgt Ion: 82 Resp: 751659
Ion Ratio Lower Upper
82 100
128 45.9 37.8 56.8
54 48.6 39.7 59.5



#25
Isophorone
Concen: 53.171 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112308.D
Acq: 29 Jan 2019 21:19

Tgt Ion: 82 Resp: 748573
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.4 23.0#

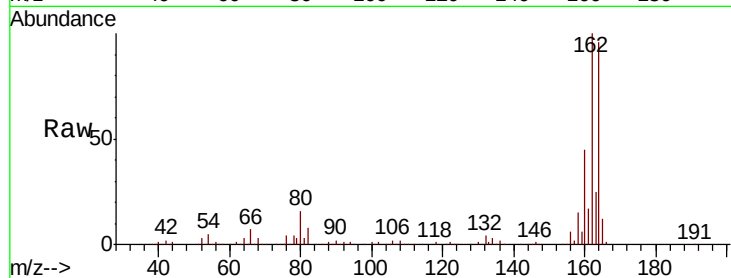




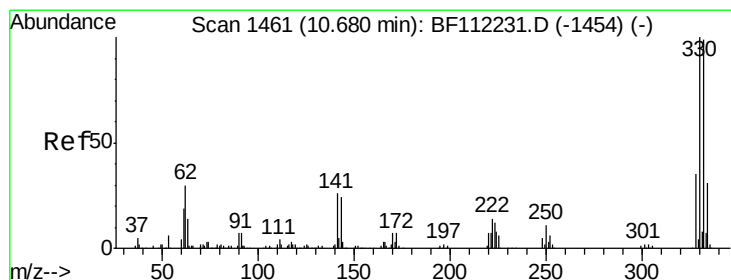
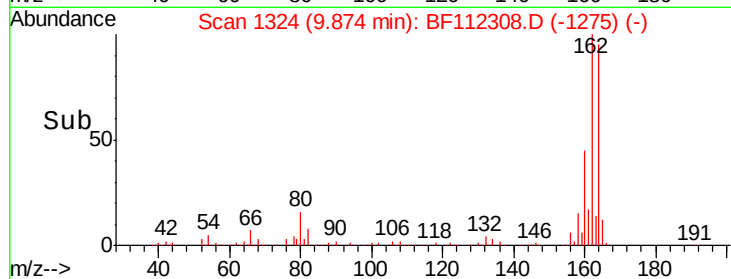
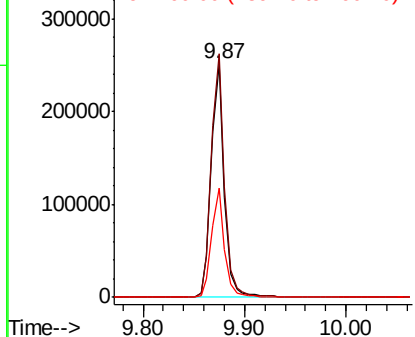
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112308.D
Acq: 29 Jan 2019 21:19

Instrument :
BNA_F
ClientSampleId :
012519-SIDI-E-U-B

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.2	123.4
160	46.9	36.2	54.4

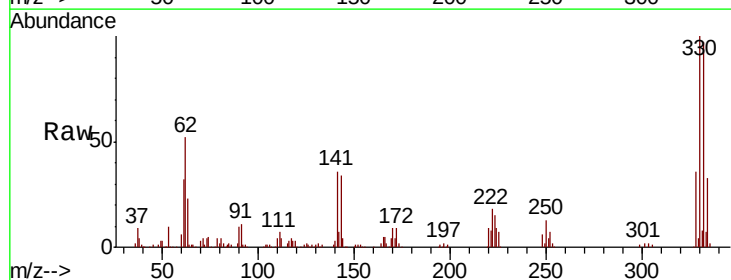


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

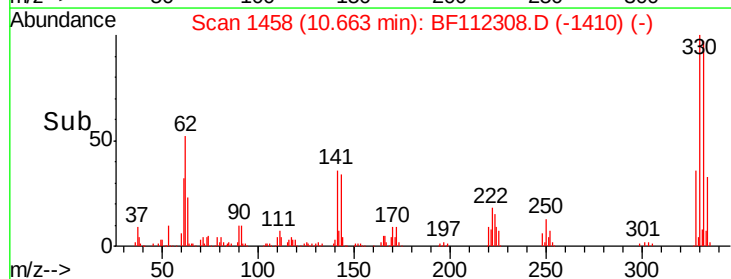
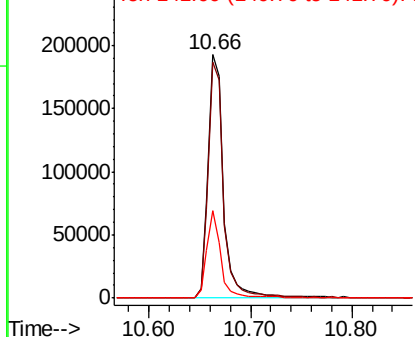


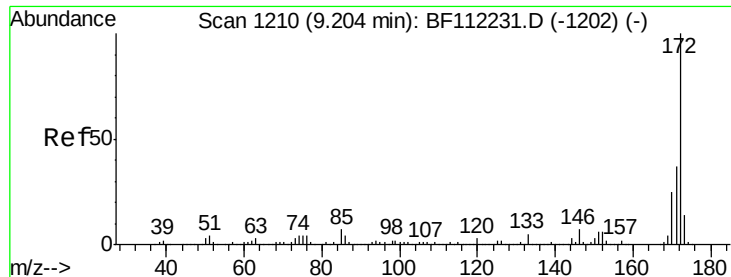
#42
2,4,6-Tribromophenol
Concen: 77.662 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112308.D
Acq: 29 Jan 2019 21:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	114.8
141	32.9	24.3	36.5



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

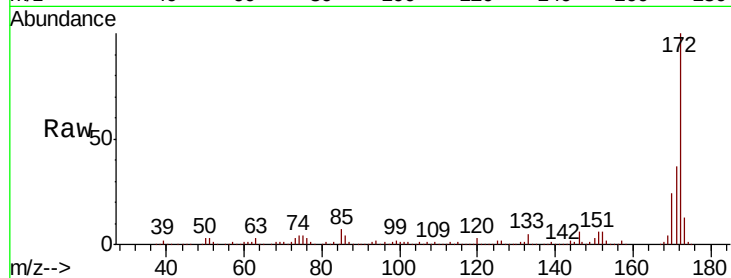




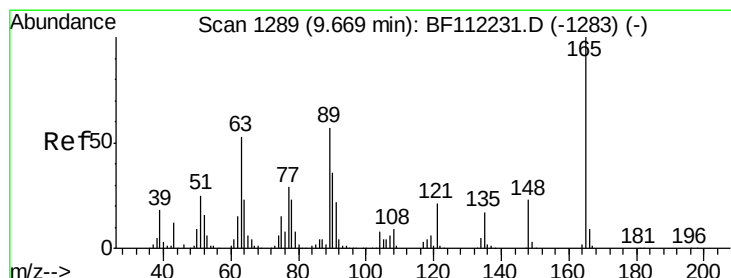
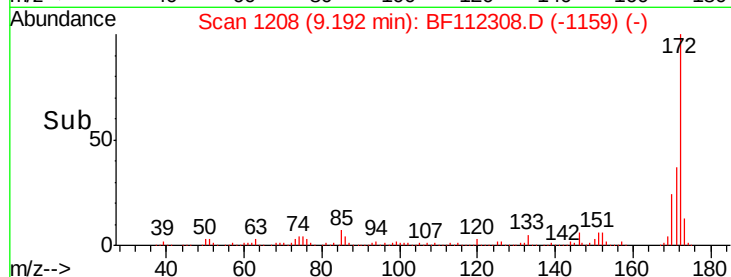
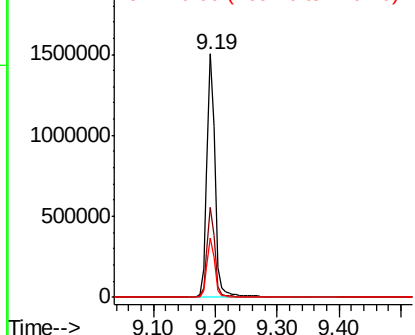
#45
 2-Fluorobiphenyl
 Concen: 87.430 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112308.D
 Acq: 29 Jan 2019 21:19

Instrument :
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 ClientSampleId :
 012519-SIDI-E-U-B

Tgt Ion:172 Resp: 1398283
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.5 45.7
 170 24.3 20.2 30.4

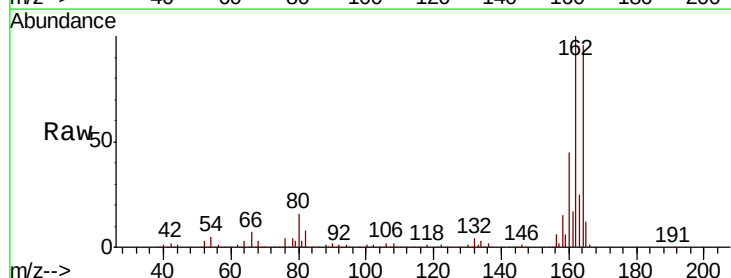


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

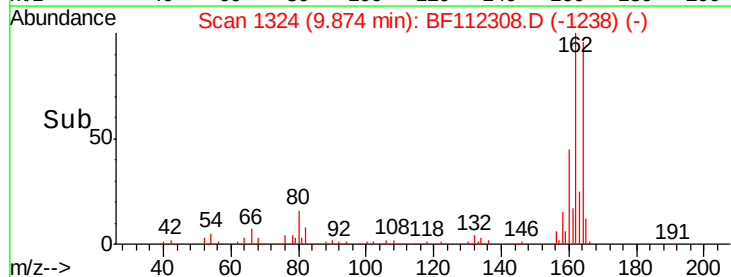
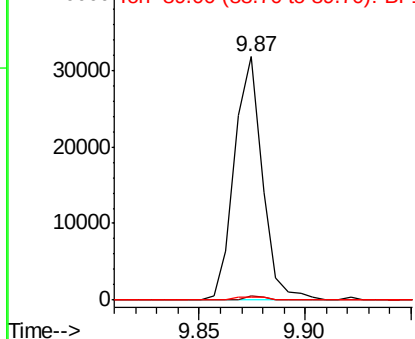


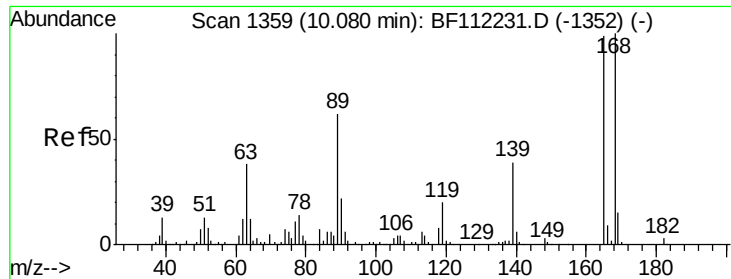
#51
 2,6-Dinitrotoluene
 Concen: 7.375 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.21 min
 Lab File: BF112308.D
 Acq: 29 Jan 2019 21:19

Tgt Ion:165 Resp: 29028
 Ion Ratio Lower Upper
 165 100
 63 1.7 33.8 50.8#
 89 1.4 36.9 55.3#



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

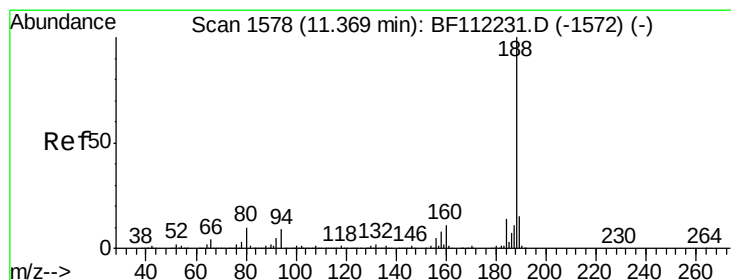
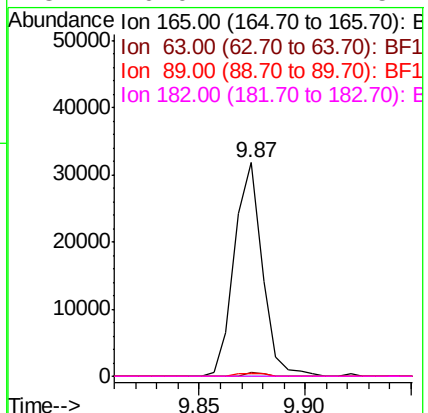
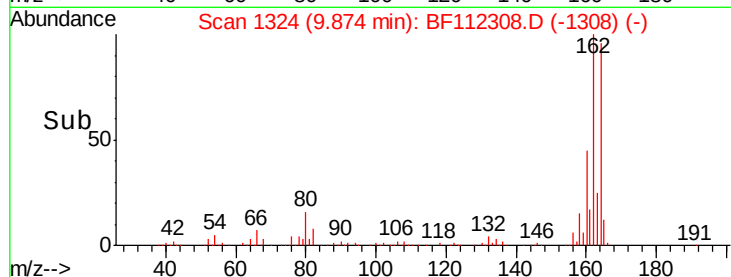
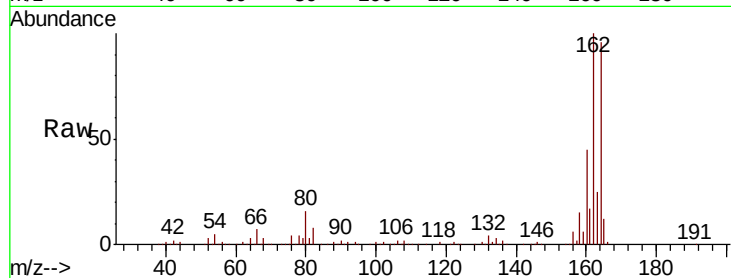




#57
 2,4-Dinitrotoluene
 Concen: 5.793 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.21 min
 Lab File: BF112308.D
 Acq: 29 Jan 2019 21:19

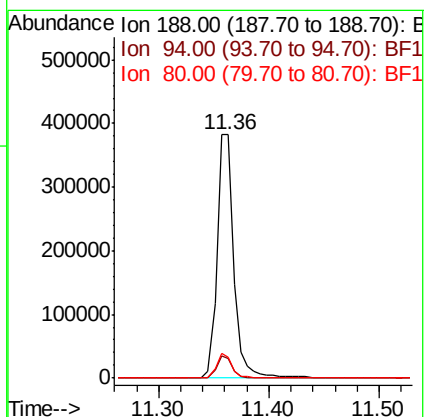
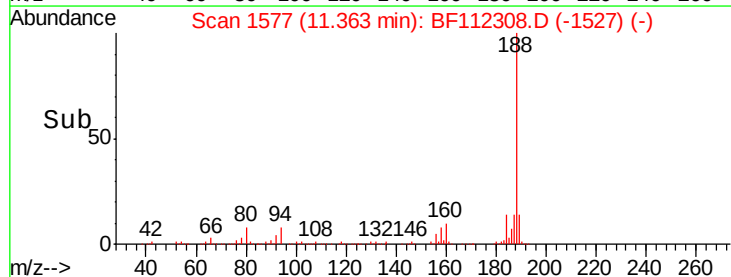
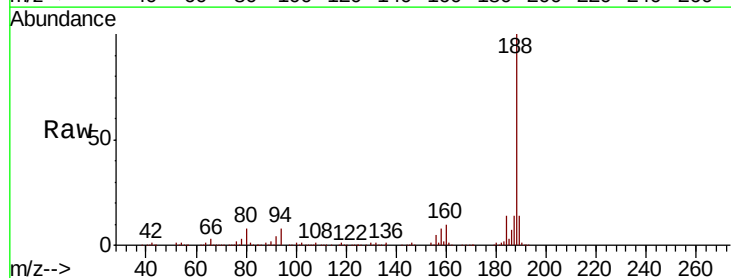
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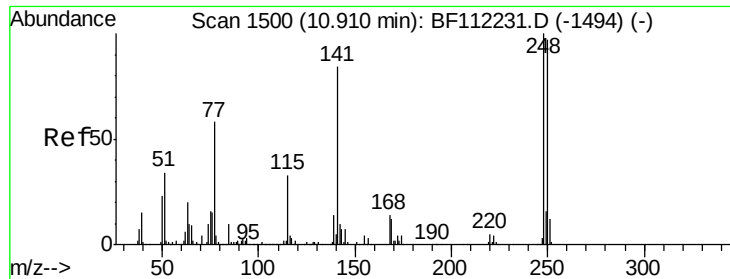
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	27.9	41.9#
89	1.4	47.9	71.9#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF112308.D
 Acq: 29 Jan 2019 21:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.2	12.2#
80	8.3	8.9	13.3#

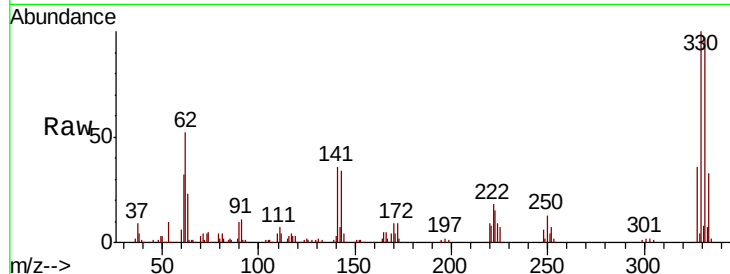




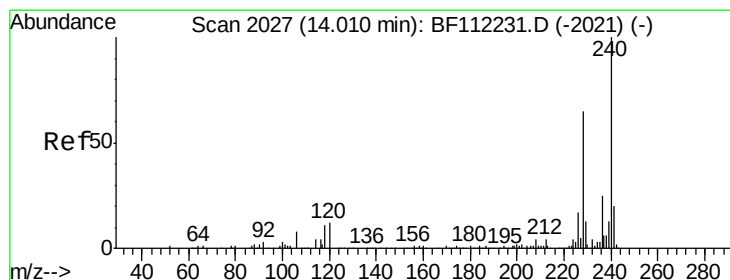
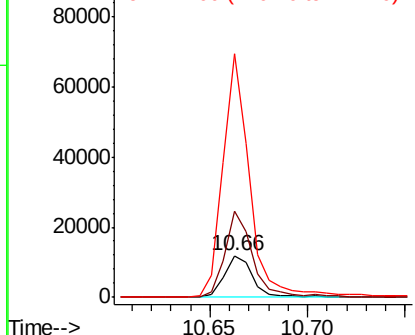
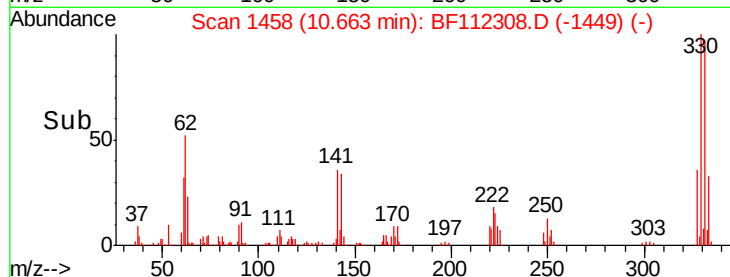
#67
 4-Bromophenyl-phenylether
 Concen: 2.512 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF112308.D
 Acq: 29 Jan 2019 21:19

Instrument :
 BNA_F
 ClientSampleId :
 012519-SIDI-E-U-B

Tgt Ion:248 Resp: 11937
 Ion Ratio Lower Upper
 248 100
 250 206.4 79.7 119.5#
 141 585.0 60.3 90.5#

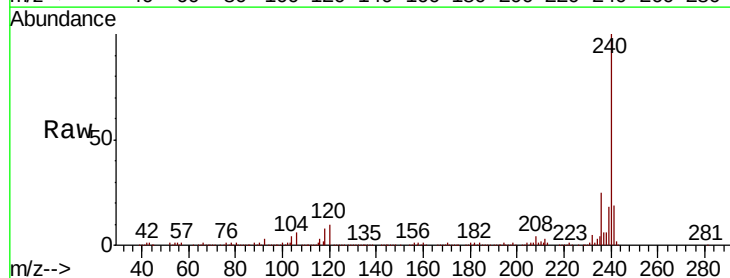


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

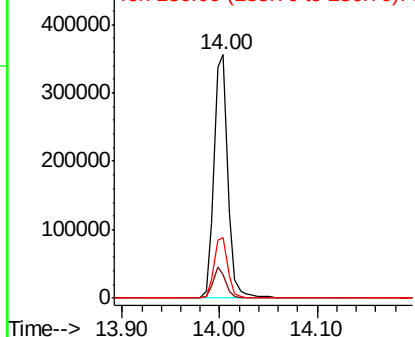
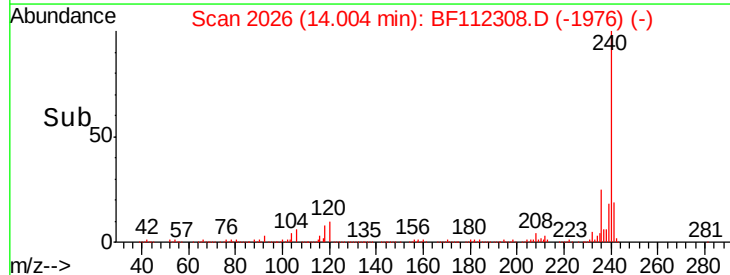


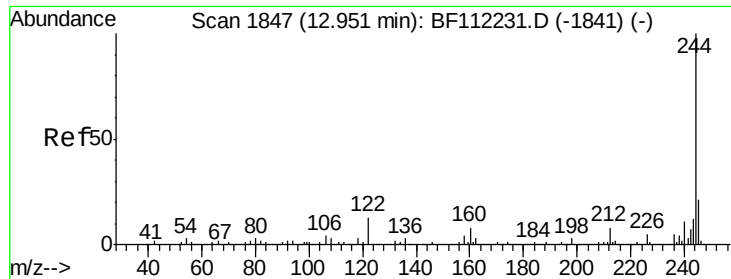
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF112308.D
 Acq: 29 Jan 2019 21:19

Tgt Ion:240 Resp: 354125
 Ion Ratio Lower Upper
 240 100
 120 9.7 9.0 13.6
 236 25.0 20.7 31.1



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

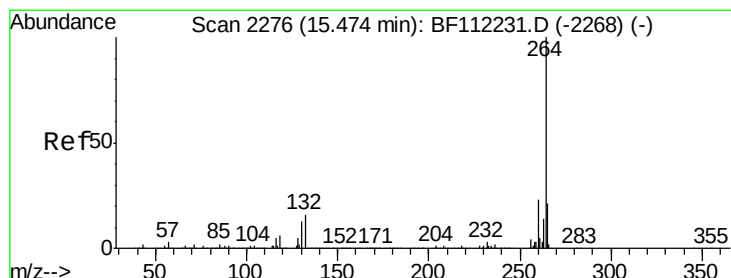
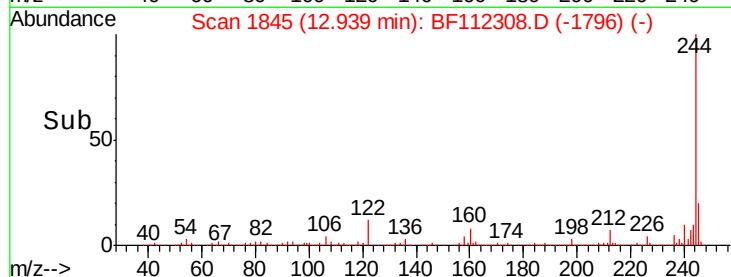
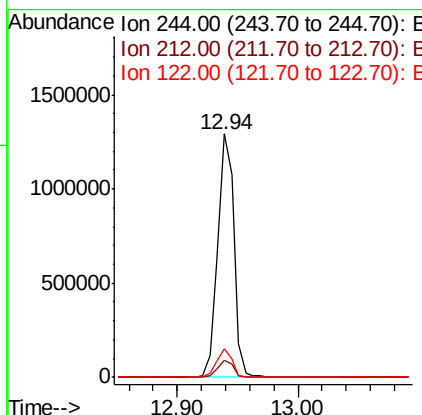
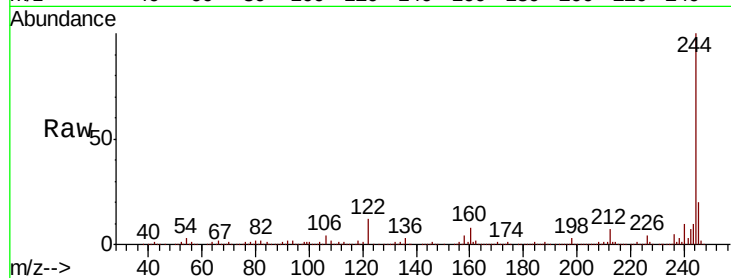




#79
 Terphenyl-d14
 Concen: 62.866 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112308.D
 Acq: 29 Jan 2019 21:19

Instrument :
 BNA_F
 ClientSampleId :
 012519-SIDI-E-U-B

Tgt Ion:244 Resp: 1182006
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 12.0 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112308.D
 Acq: 29 Jan 2019 21:19

Tgt Ion:264 Resp: 322251
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.2 27.2
 265 22.6 17.0 25.4

