

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020519\
 Data File : BF112413.D
 Acq On : 5 Feb 2019 23:11
 Operator : JU/SJ
 Sample : K1346-02RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-020419-A

Quant Time: Feb 06 00:47:30 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

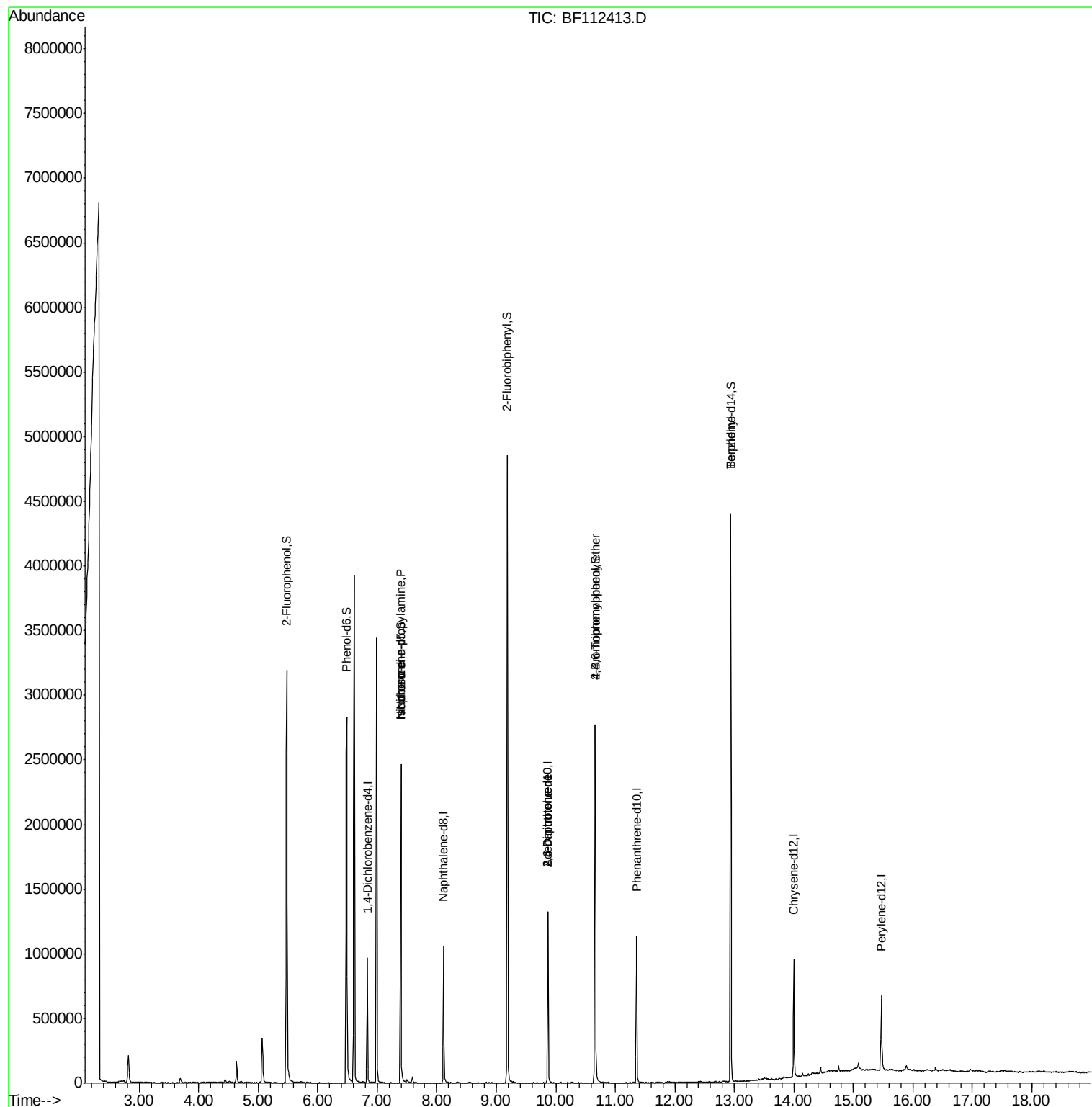
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	143860	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	550160	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	255477	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	427714	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	309224	20.00	ng	-0.01
87) Perylene-d12	15.47	264	266573	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	943912	139.37	ng	0.00
7) Phenol-d6	6.49	99	1060326	112.67	ng	0.00
23) Nitrobenzene-d5	7.40	82	813396	85.19	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	367620	123.62	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1625983	90.02	ng	-0.02
79) Terphenyl-d14	12.94	244	1408285	85.78	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	111272	17.147	ng	# 76
25) Isophorone	7.40	82	813505	54.310	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	33224	7.474	ng	# 35
57) 2,4-Dinitrotoluene	9.87	165	33224	5.871	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	22656	4.504	ng	# 1
77) Benzidine	12.94	184	18782	2.207	ng	# 94

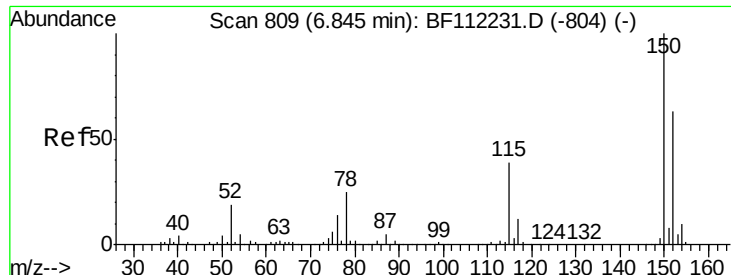
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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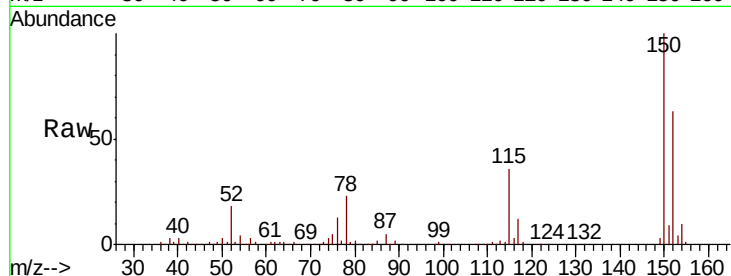


#1

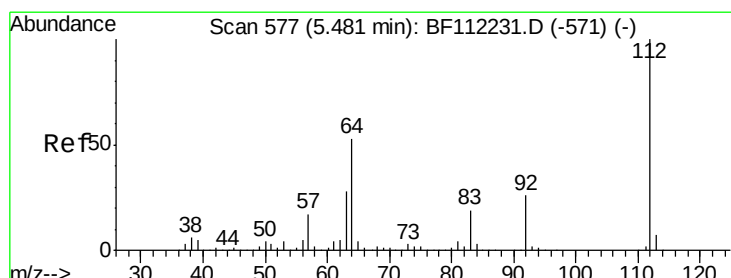
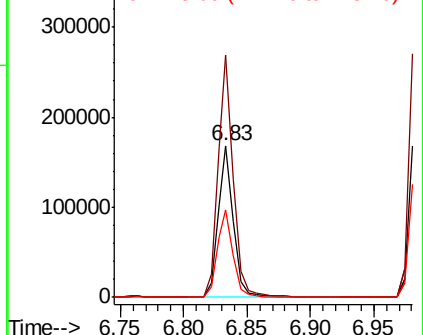
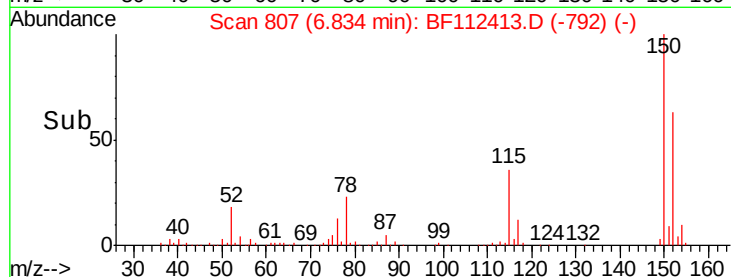
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112413.D
Acq: 5 Feb 2019 23:11

Instrument :
BNA_F
ClientSampleId :
CL-02-020419-A

Tgt Ion:152 Resp: 143860
Ion Ratio Lower Upper
152 100
150 159.4 127.4 191.0
115 57.6 45.5 68.3



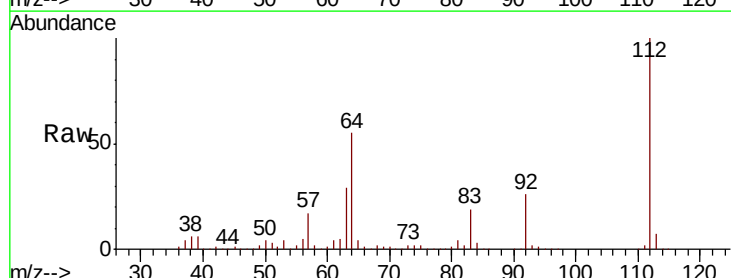
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



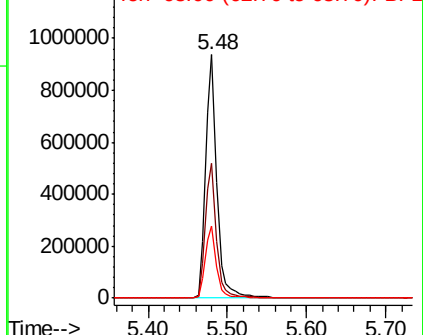
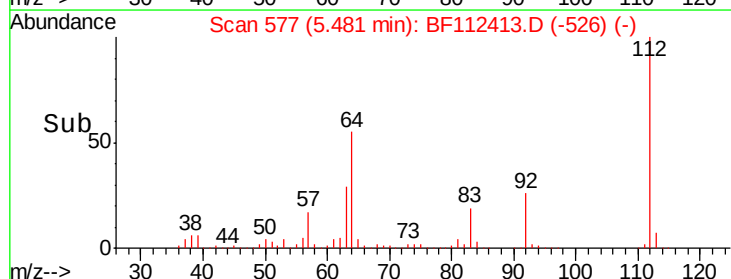
#5

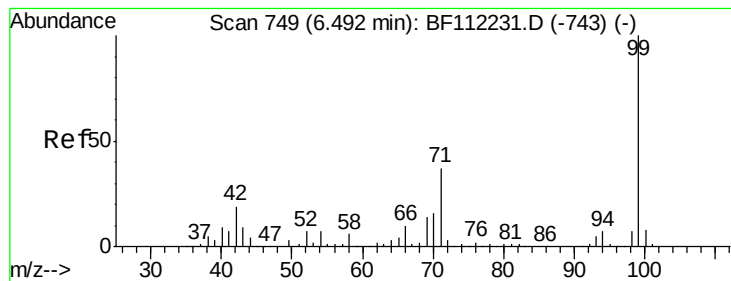
2-Fluorophenol
Concen: 139.367 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF112413.D
Acq: 5 Feb 2019 23:11

Tgt Ion:112 Resp: 943912
Ion Ratio Lower Upper
112 100
64 55.3 45.7 68.5
63 29.4 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: 112.666 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112413.D

Acq: 5 Feb 2019 23:11

Instrument :

BNA_F

ClientSampleId :

CL-02-020419-A

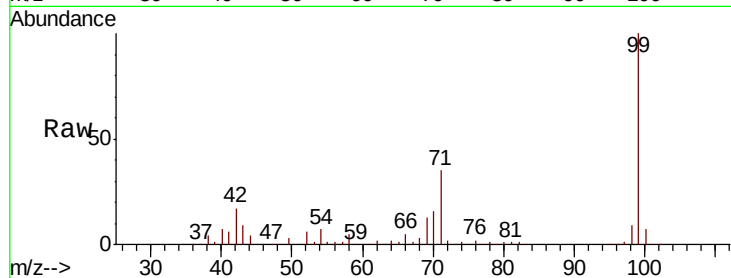
Tgt Ion: 99 Resp: 1060326

Ion Ratio Lower Upper

99 100

42 17.5 15.1 22.7

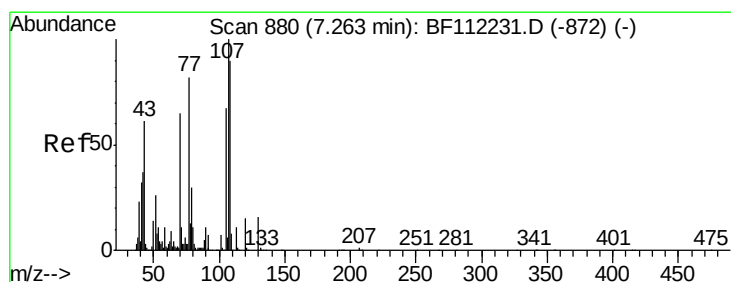
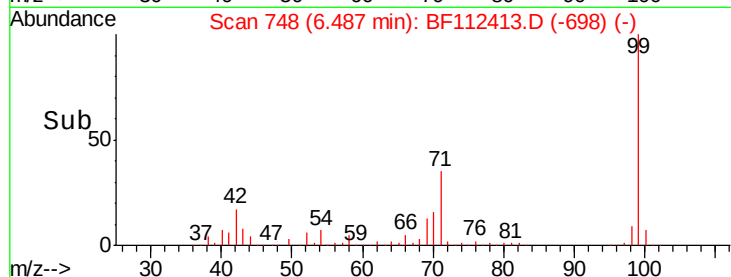
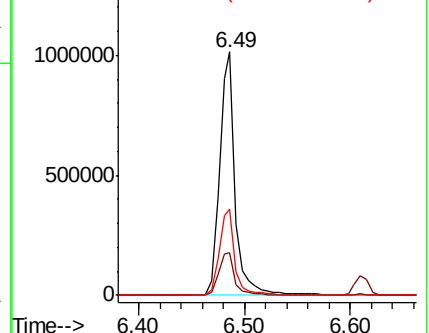
71 35.2 26.9 40.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.147 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF112413.D

Acq: 5 Feb 2019 23:11

Tgt Ion: 70 Resp: 111272

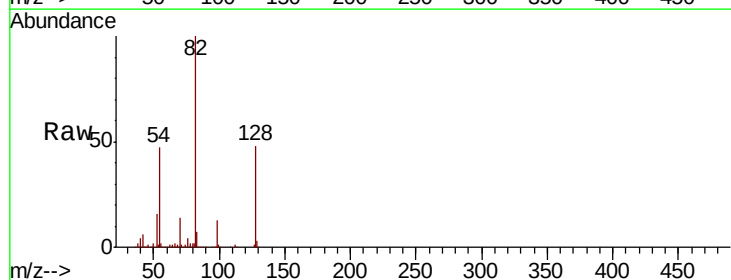
Ion Ratio Lower Upper

70 100

42 47.1 47.6 71.4#

101 0.0 7.9 11.9#

130 2.3 18.4 27.6#

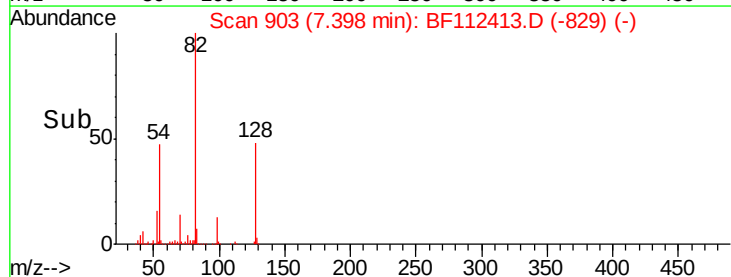
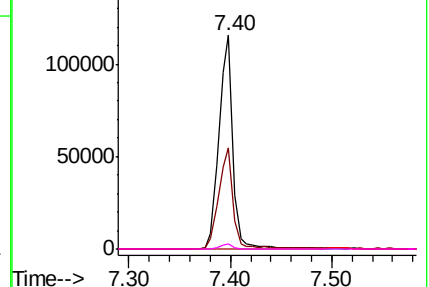


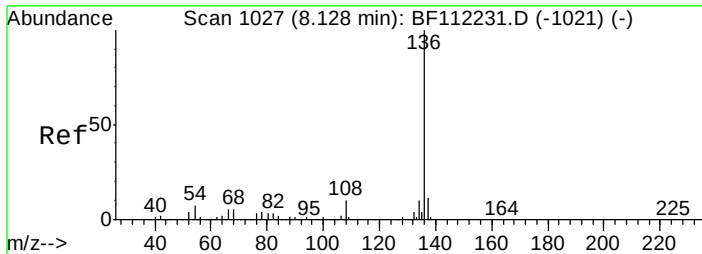
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

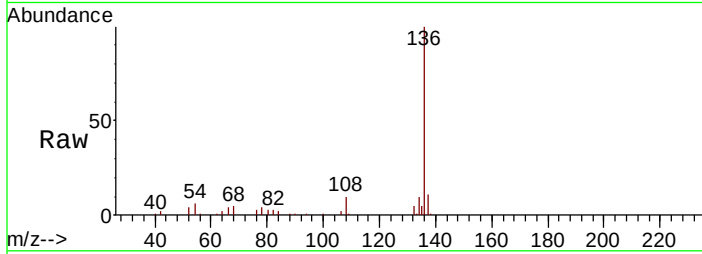
Ion 130.00 (129.70 to 130.70): BF1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112413.D
Acq: 5 Feb 2019 23:11

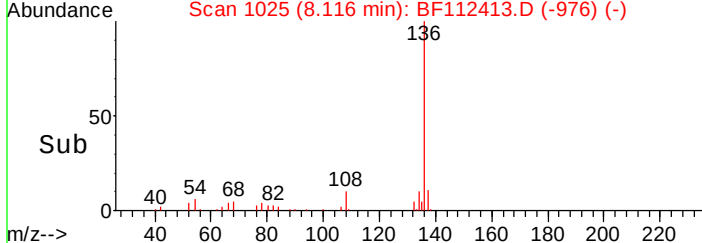
Instrument :
BNA_F
ClientSampleId :
CL-02-020419-A



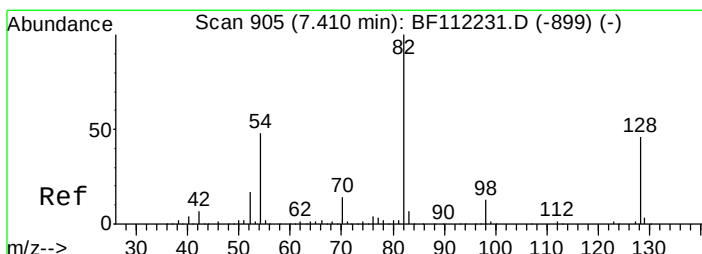
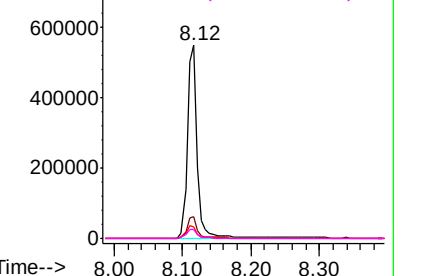
Tgt Ion: 136 Resp: 550160

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	5.8	5.9	8.9

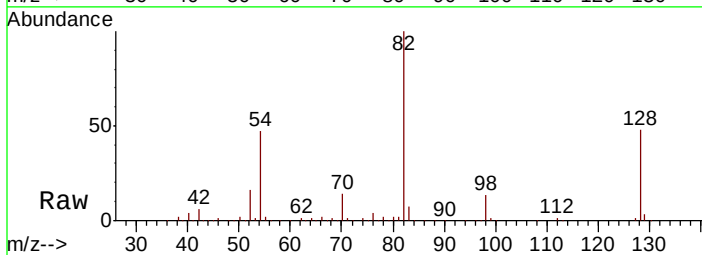
Abundance Ion 136.00 (135.70 to 136.70): 7#



Ion 137.00 (136.70 to 137.70): BF
Ion 54.00 (53.70 to 54.70): BF
Ion 68.00 (67.70 to 68.70): BF



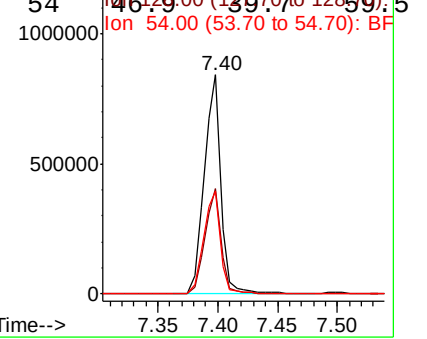
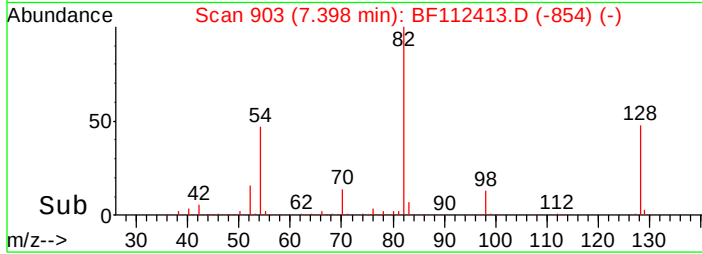
#23
Nitrobenzene-d5
Concen: 85.189 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112413.D
Acq: 5 Feb 2019 23:11

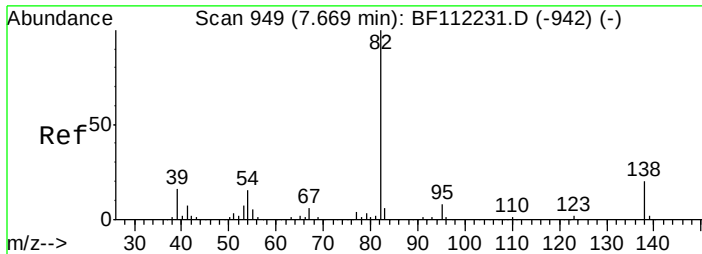


Tgt Ion: 82 Resp: 813396

Ion	Ratio	Lower	Upper
82	100		
128	48.2	37.8	56.8
54	46.9	39.7	59.5

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

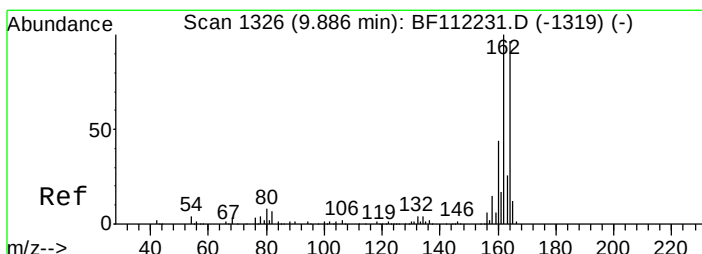
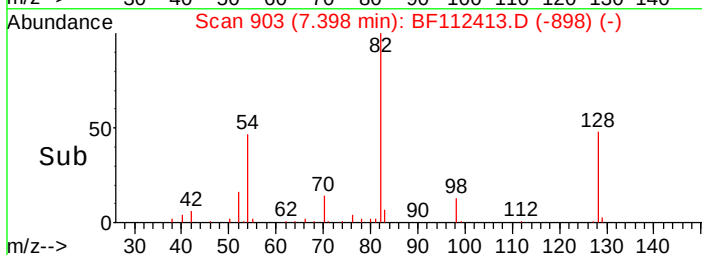
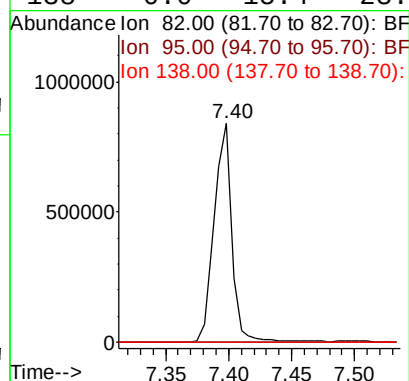
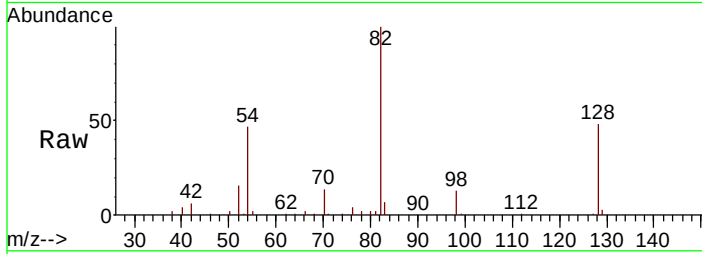




#25
Isophorone
Concen: 54.310 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112413.D
Acq: 5 Feb 2019 23:11

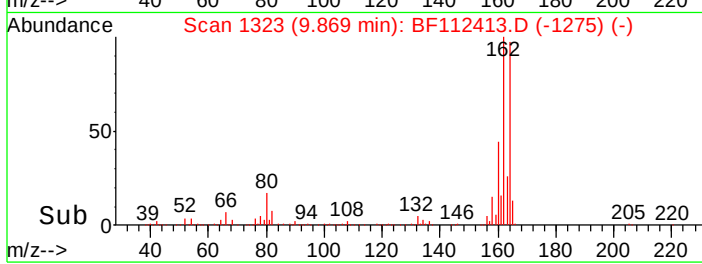
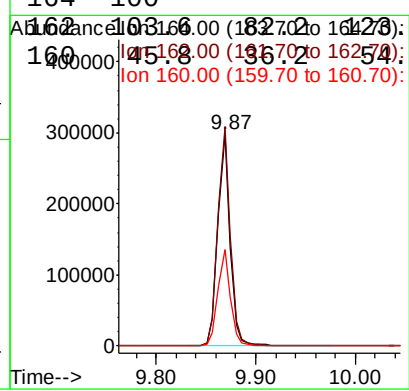
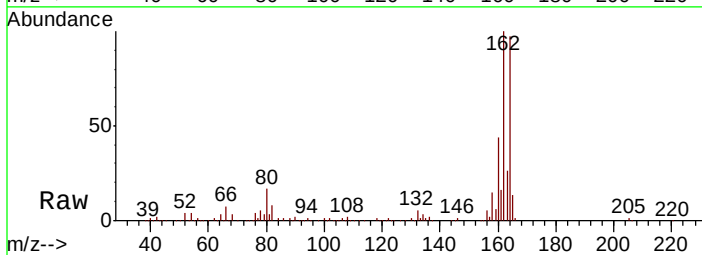
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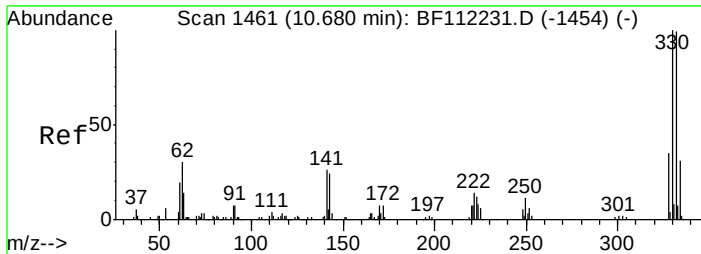
Tgt Ion: 82 Resp: 813505
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.4 23.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112413.D
Acq: 5 Feb 2019 23:11

Tgt Ion:164 Resp: 255477
Ion Ratio Lower Upper
164 100

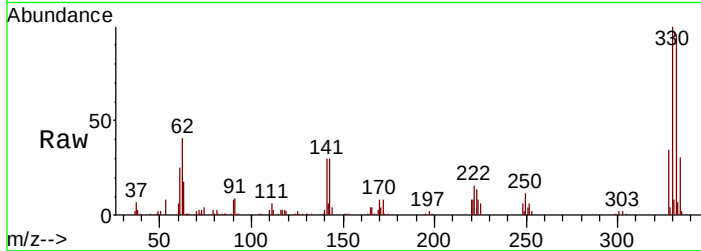




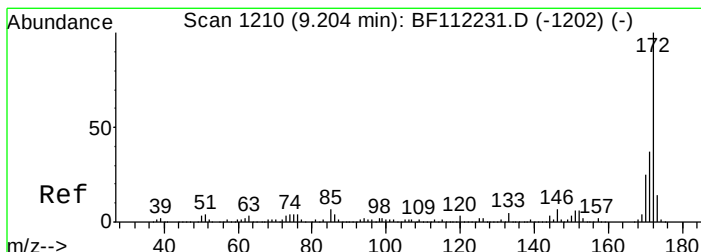
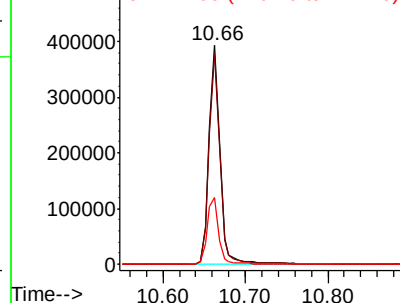
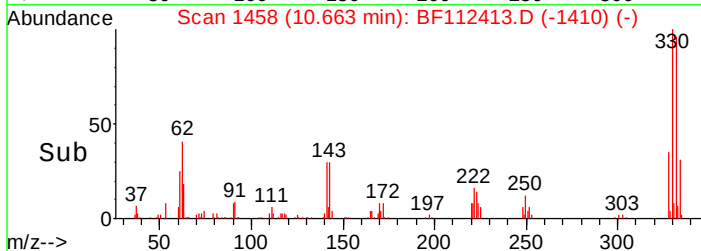
#42
 2,4,6-Tribromophenol
 Concen: 123.625 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112413.D
 Acq: 5 Feb 2019 23:11

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-020419-A

Tgt Ion:330 Resp: 367620
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 31.6 24.3 36.5

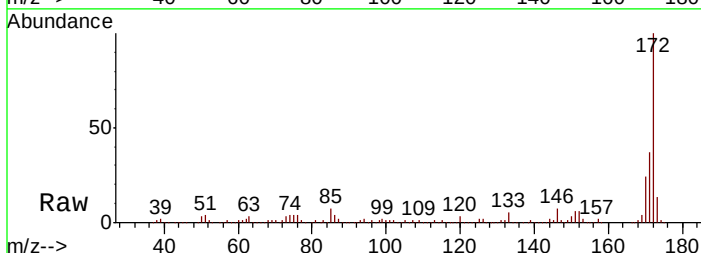


Abundance Ion 329.80 (329.50 to 330.50):
 Ion 331.80 (331.50 to 332.50):
 Ion 141.00 (140.70 to 141.70):

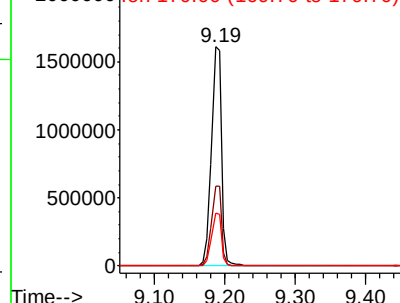
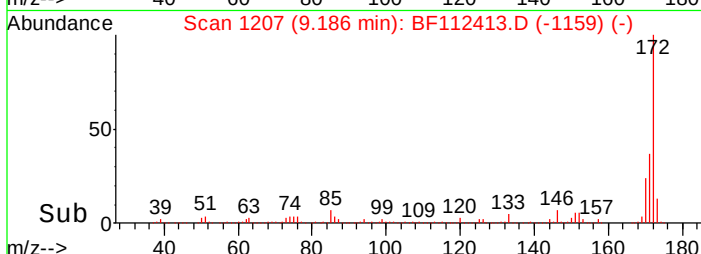


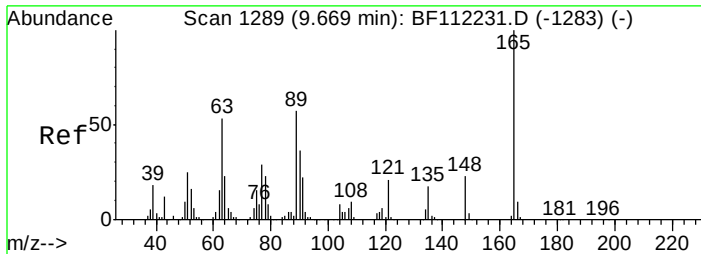
#45
 2-Fluorobiphenyl
 Concen: 90.015 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112413.D
 Acq: 5 Feb 2019 23:11

Tgt Ion:172 Resp: 1625983
 Ion Ratio Lower Upper
 172 100



Abundance Ion 171.00 (169.70 to 172.30):
 Ion 173.00 (171.70 to 174.30):
 Ion 170.00 (168.70 to 171.30):
 Ion 170.00 (169.70 to 170.70):

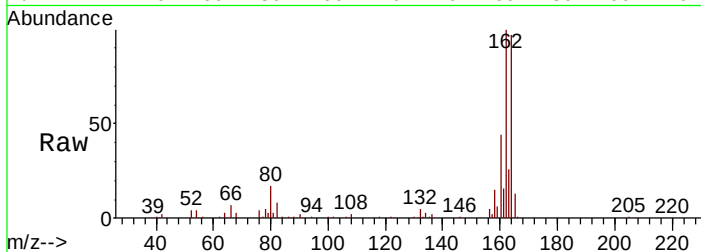




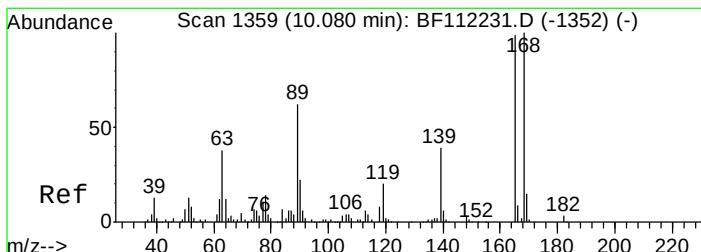
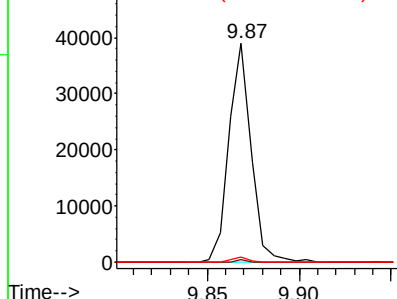
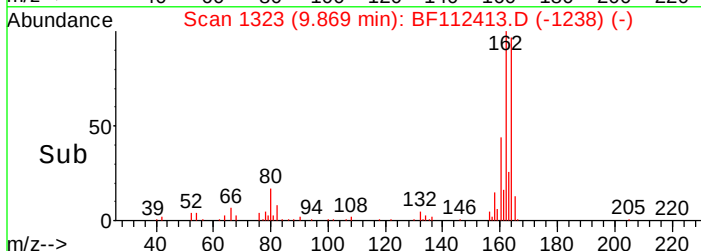
#51
 2,6-Dinitrotoluene
 Concen: 7.474 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.20 min
 Lab File: BF112413.D
 Acq: 5 Feb 2019 23:11

Instrument :
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Tgt Ion:165 Resp: 33224
 Ion Ratio Lower Upper
 165 100
 63 1.5 33.8 50.8#
 89 2.1 36.9 55.3#

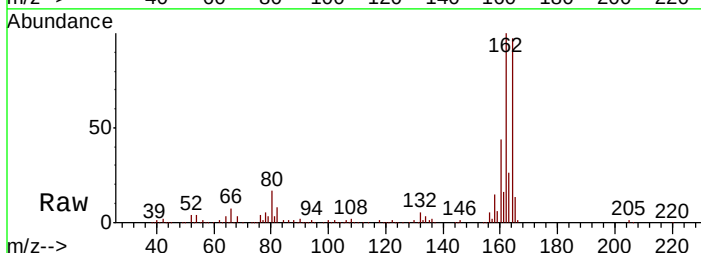


Abundance Ion 165.00 (164.70 to 165.70):
 Ion 63.00 (62.70 to 63.70): BF
 Ion 89.00 (88.70 to 89.70): BF

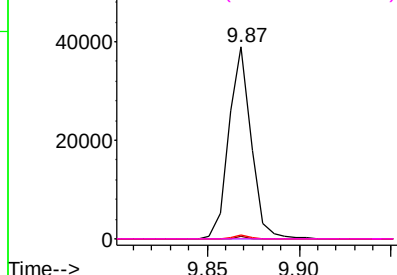
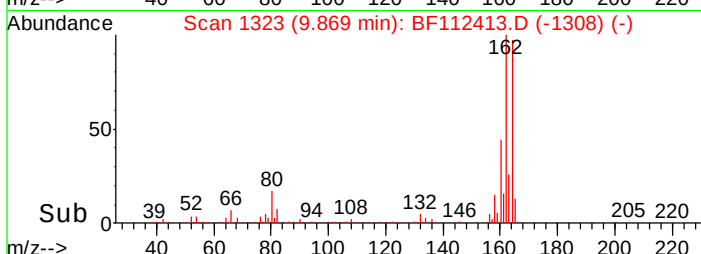


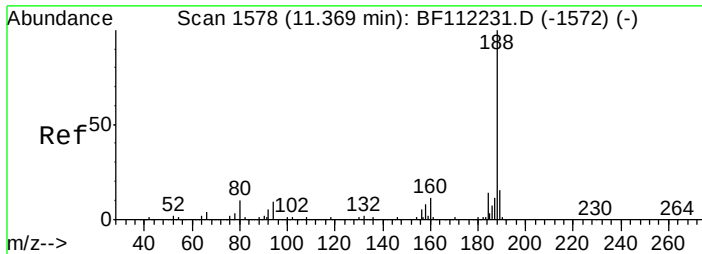
#57
 2,4-Dinitrotoluene
 Concen: 5.871 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF112413.D
 Acq: 5 Feb 2019 23:11

Tgt Ion:165 Resp: 33224
 Ion Ratio Lower Upper
 165 100



Abundance Ion 165.00 (164.70 to 165.70): 9#
 Ion 63.00 (62.70 to 63.70): BF 2.1#
 Ion 89.00 (88.70 to 89.70): BF 2.2#
 Ion 182.00 (181.70 to 182.70): BF 3.4#

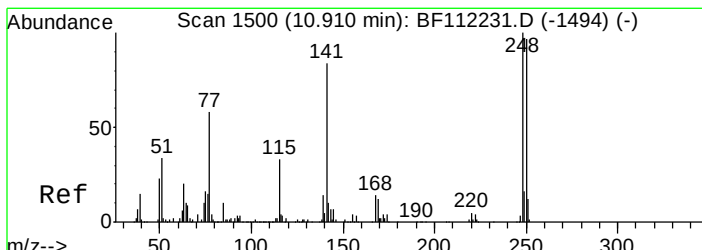
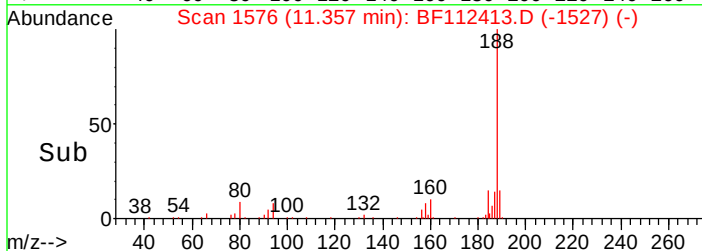
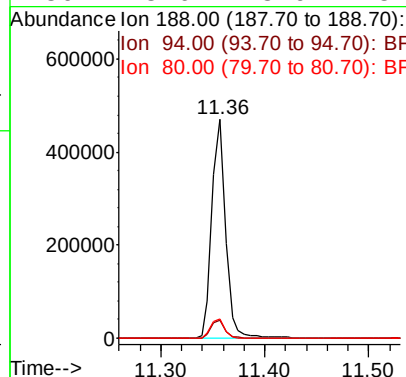
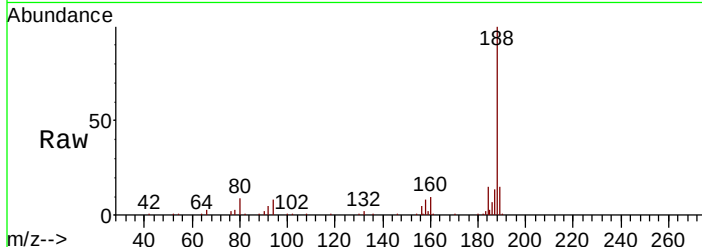




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF112413.D
 Acq: 5 Feb 2019 23:11

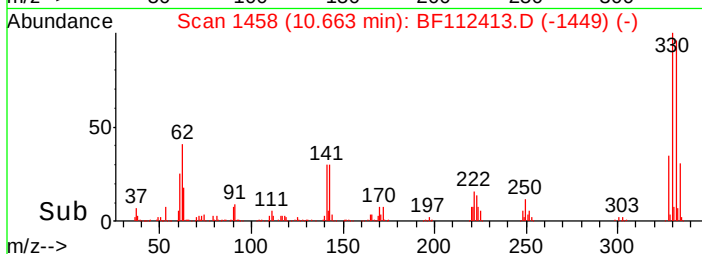
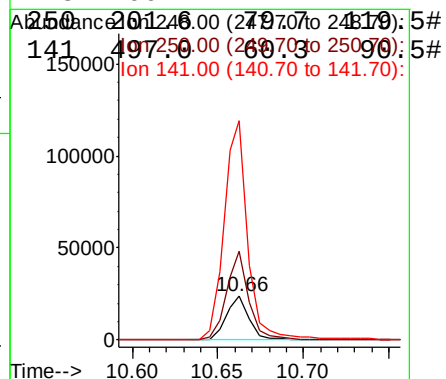
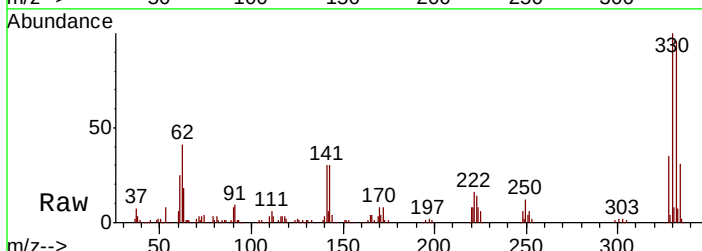
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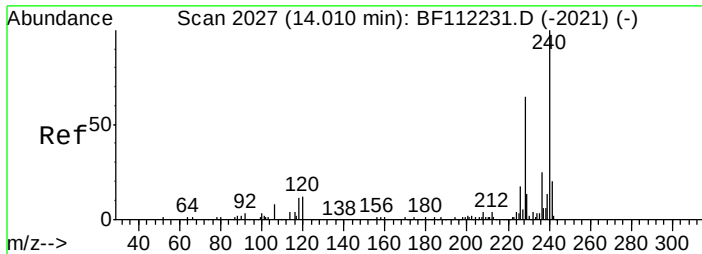
Tgt Ion:188 Resp: 427714
 Ion Ratio Lower Upper
 188 100
 94 8.3 8.2 12.2
 80 8.6 8.9 13.3#



#67
 4-Bromophenyl-phenylether
 Concen: 4.504 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF112413.D
 Acq: 5 Feb 2019 23:11

Tgt Ion:248 Resp: 22656
 Ion Ratio Lower Upper
 248 100

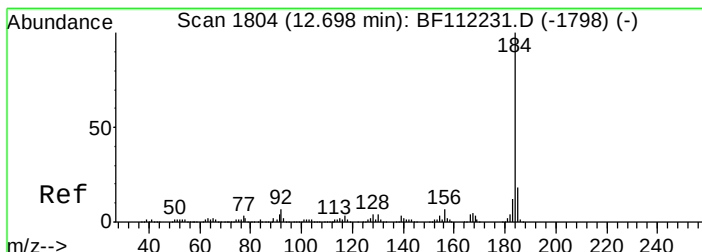
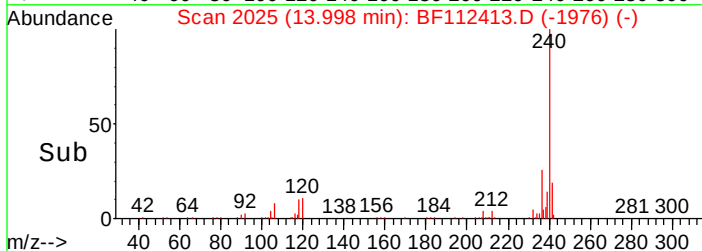
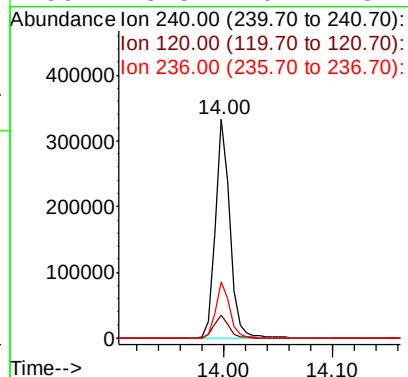
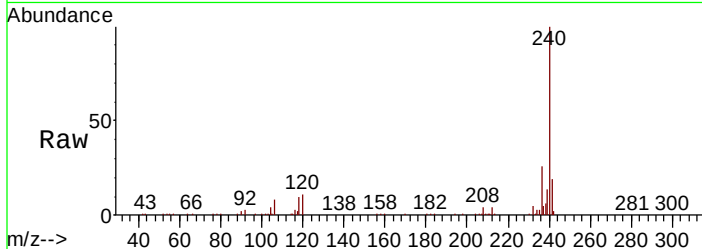




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112413.D
Acq: 5 Feb 2019 23:11

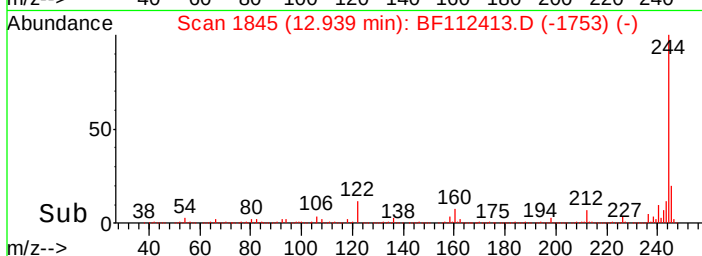
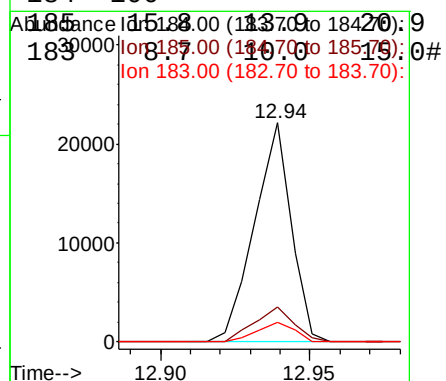
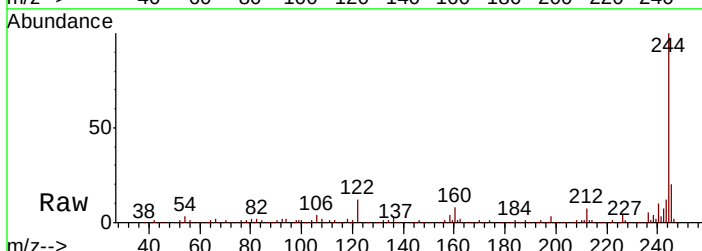
Instrument :
BNA_F
ClientSampleId :
CL-02-020419-A

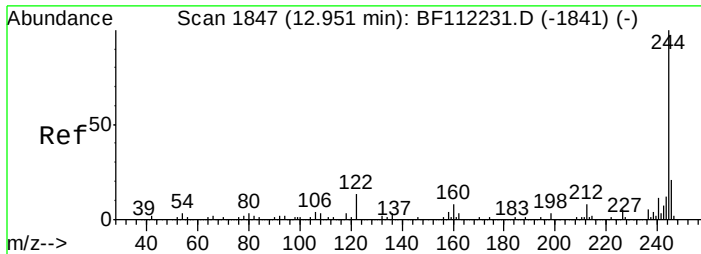
Tgt Ion:240 Resp: 309224
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.6
236 25.5 20.7 31.1



#77
Benzidine
Concen: 2.207 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.24 min
Lab File: BF112413.D
Acq: 5 Feb 2019 23:11

Tgt Ion:184 Resp: 18782
Ion Ratio Lower Upper
184 100
185 15.8 13.9 18.0
183 8.7 16.0 19.0

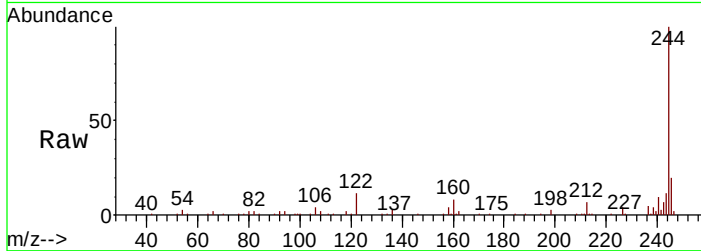




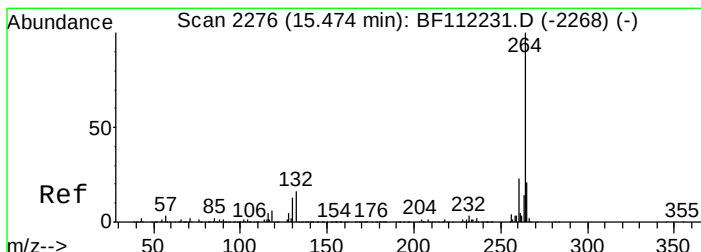
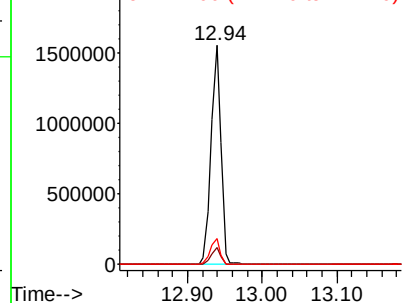
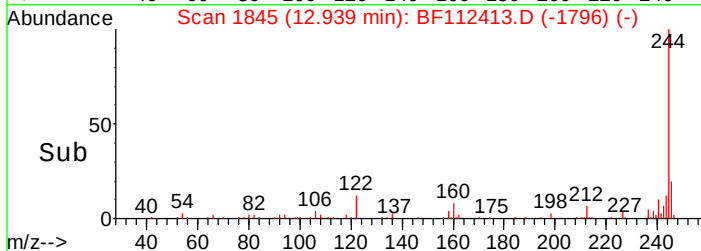
#79
 Terphenyl-d14
 Concen: 85.777 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112413.D
 Acq: 5 Feb 2019 23:11

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-020419-A

Tgt Ion:244 Resp: 1408285
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 11.5 9.8 14.6

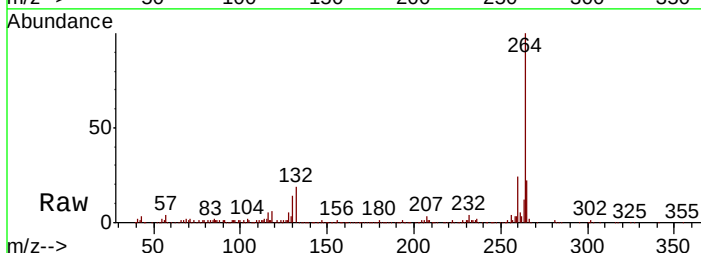


Abundance Ion 244.00 (243.70 to 244.70):
 Ion 212.00 (211.70 to 212.70):
 Ion 122.00 (121.70 to 122.70):



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112413.D
 Acq: 5 Feb 2019 23:11

Tgt Ion:264 Resp: 266573
 Ion Ratio Lower Upper
 264 100



Abundance Ion 264.00 (263.70 to 264.70):
 Ion 265.00 (264.70 to 265.70):
 Ion 266.00 (265.70 to 266.70):
 Ion 267.00 (266.70 to 267.70):

