

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020619\
 Data File : BF112423.D
 Acq On : 6 Feb 2019 16:43
 Operator : JU/SJ
 Sample : K1358-01 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-020519

Quant Time: Feb 06 23:53:52 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

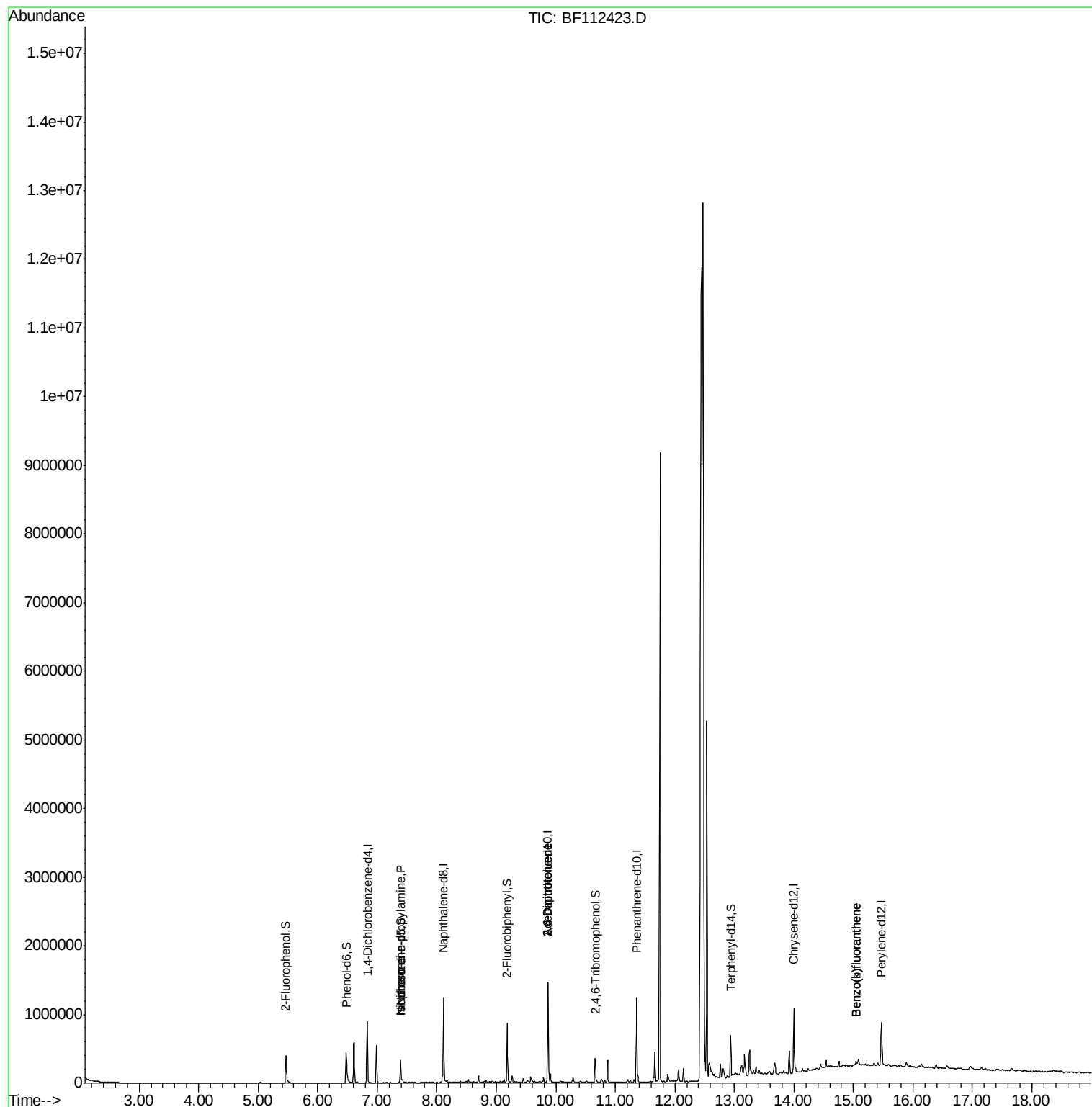
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	152235	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	602355	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	265881	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	426060	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	326442	20.00	ng	0.00
87) Perylene-d12	15.47	264	303041	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	152690	21.30	ng	-0.02
7) Phenol-d6	6.48	99	206251	20.71	ng	-0.01
23) Nitrobenzene-d5	7.39	82	120315	11.51	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	48291	15.60	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	258538	13.75	ng	-0.02
79) Terphenyl-d14	12.94	244	184272	10.63	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	17558	2.557	ng	# 74
25) Isophorone	7.39	82	120313	7.336	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	34583	7.475	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	34583	5.872	ng	# 32
88) Benzo(b)fluoranthene	15.04	252	36270	2.001	ng	# 89
89) Benzo(k)fluoranthene	15.04	252	36270	2.089	ng	# 89

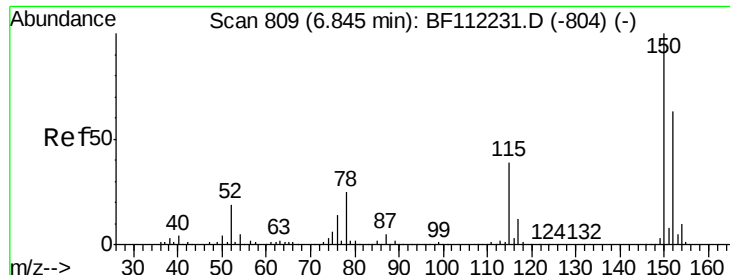
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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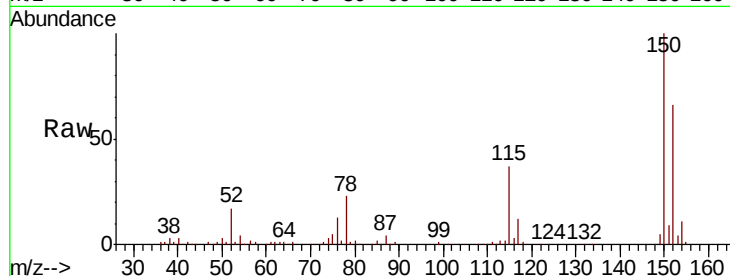


#1

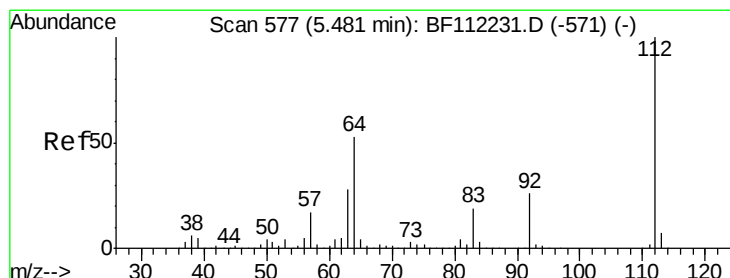
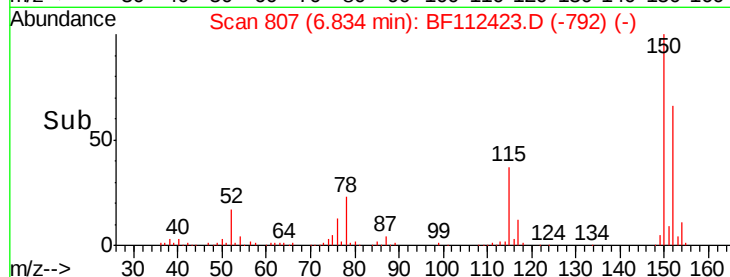
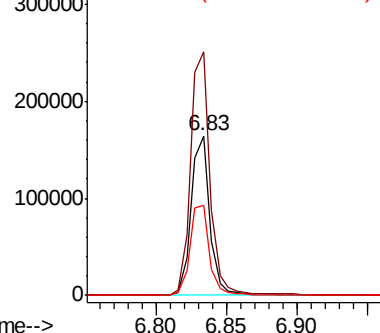
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112423.D
Acq: 6 Feb 2019 16:43

Instrument :
BNA_F
ClientSampleId :
TR-05-020519

Tgt Ion:152 Resp: 152235
Ion Ratio Lower Upper
152 100
150 152.5 127.4 191.0
115 56.7 45.5 68.3



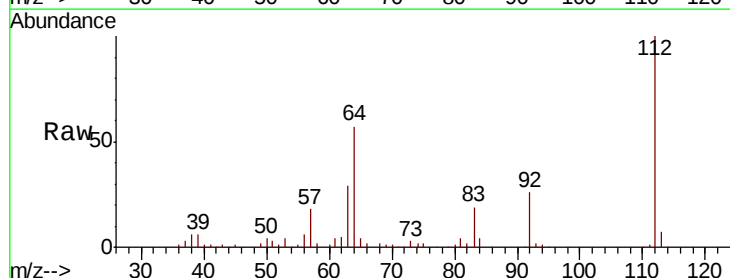
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



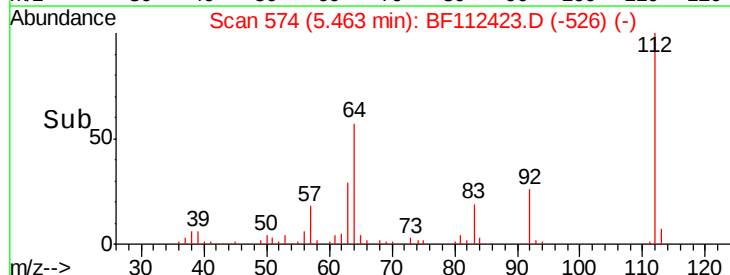
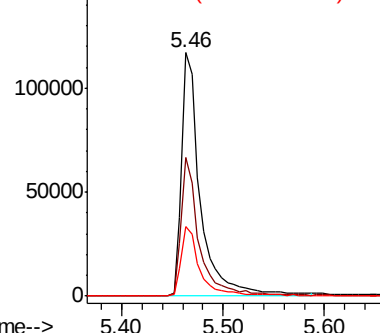
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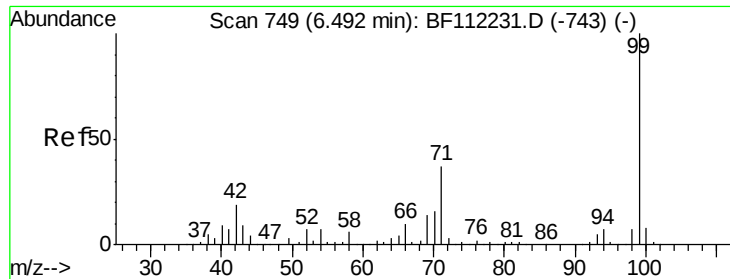
2-Fluorophenol
Concen: 21.304 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112423.D
Acq: 6 Feb 2019 16:43

Tgt Ion:112 Resp: 152690
Ion Ratio Lower Upper
112 100
64 56.9 45.7 68.5
63 28.8 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: 20.710 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112423.D

Acq: 6 Feb 2019 16:43

Instrument :

BNA_F

ClientSampleId :

TR-05-020519

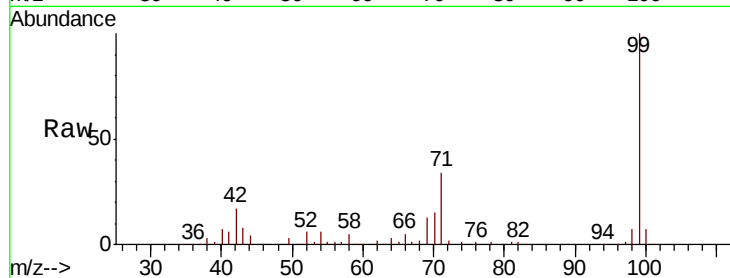
Tgt Ion: 99 Resp: 206251

Ion Ratio Lower Upper

99 100

42 16.9 15.1 22.7

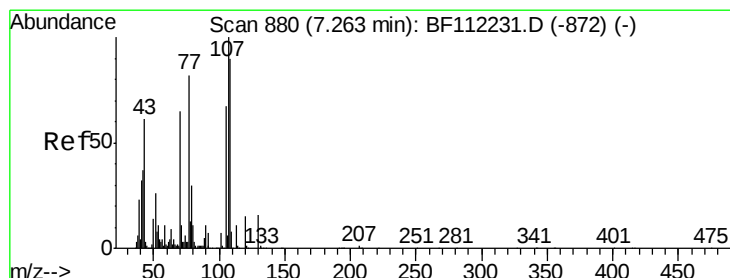
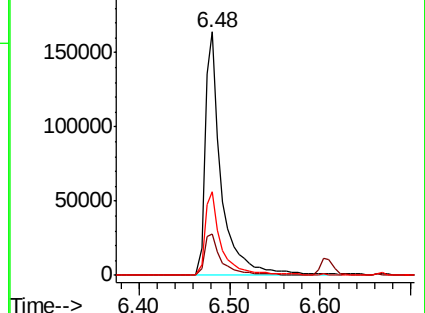
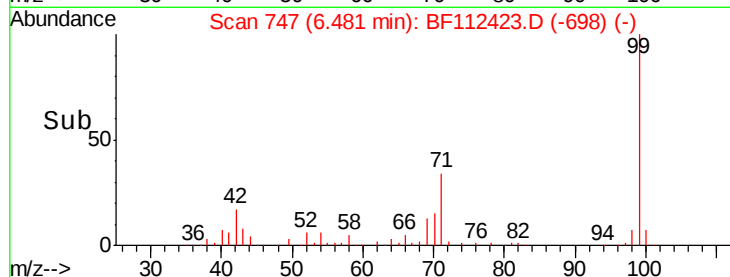
71 34.2 26.9 40.3



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: 2.557 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.13 min

Lab File: BF112423.D

Acq: 6 Feb 2019 16:43

Tgt Ion: 70 Resp: 17558

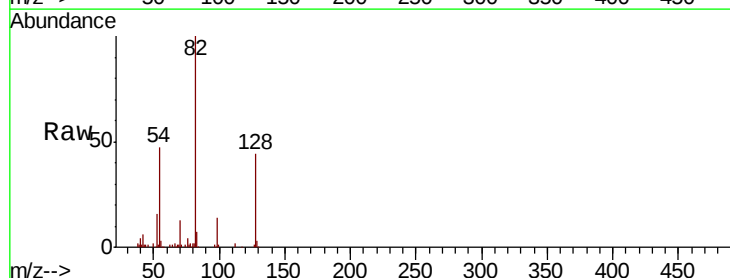
Ion Ratio Lower Upper

70 100

42 45.1 47.6 71.4#

101 0.0 7.9 11.9#

130 2.9 18.4 27.6#

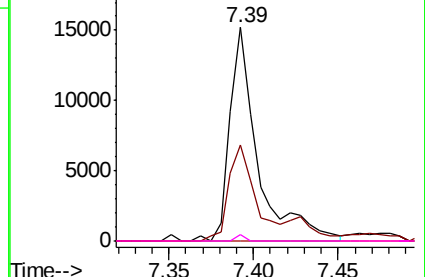
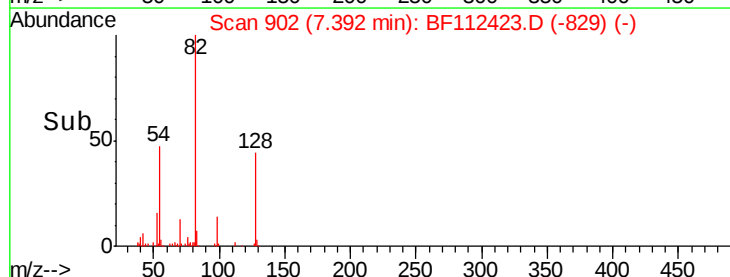


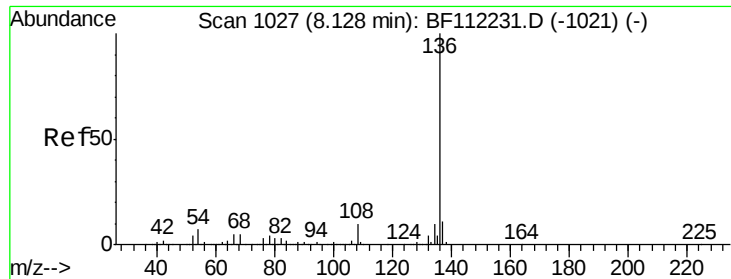
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

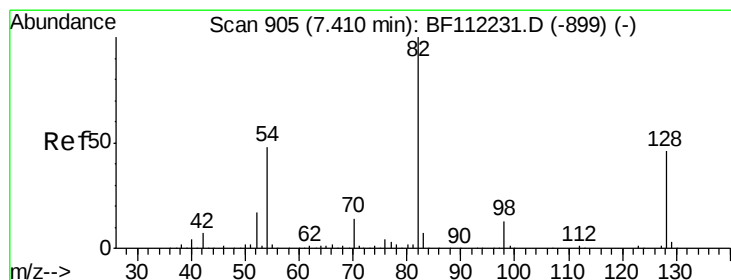
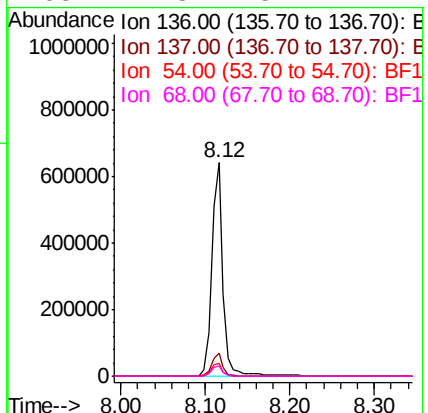
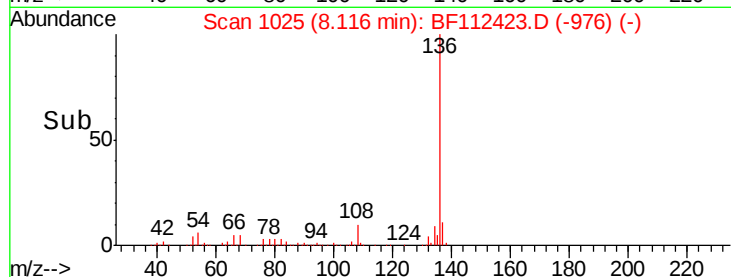
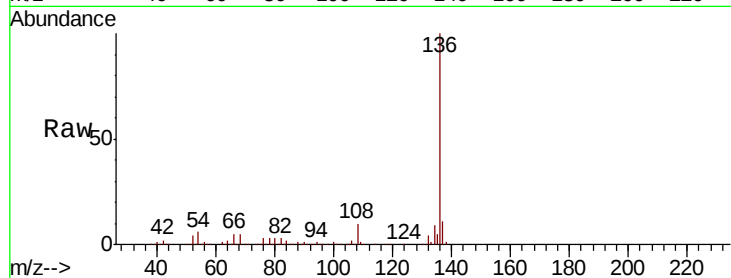




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112423.D
Acq: 6 Feb 2019 16:43

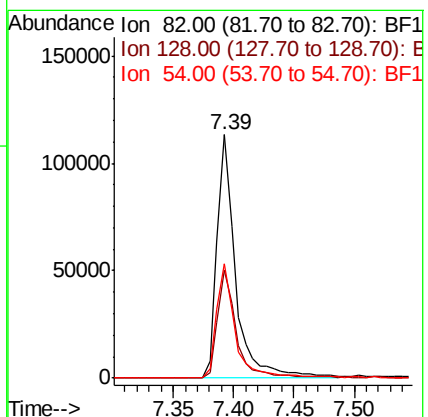
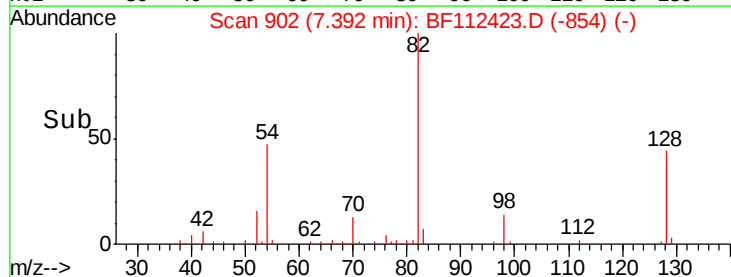
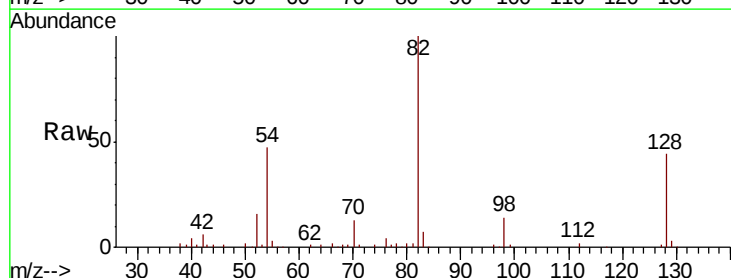
Instrument :
BNA_F
ClientSampleId :
TR-05-020519

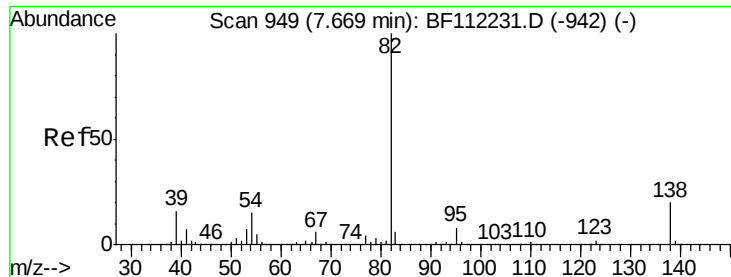
Tgt Ion:	136	Resp:	602355
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	6.0	5.9	8.9
68	4.8	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 11.509 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112423.D
Acq: 6 Feb 2019 16:43

Tgt Ion:	82	Resp:	120315
Ion	Ratio	Lower	Upper
82	100		
128	44.3	37.8	56.8
54	46.9	39.7	59.5





#25

Isophorone

Concen: 7.336 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.28 min

Lab File: BF112423.D

Acq: 6 Feb 2019 16:43

Instrument :

BNA_F

ClientSampleId :

TR-05-020519

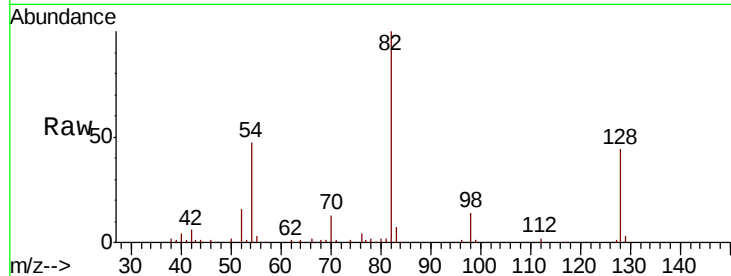
Tgt Ion: 82 Resp: 120313

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

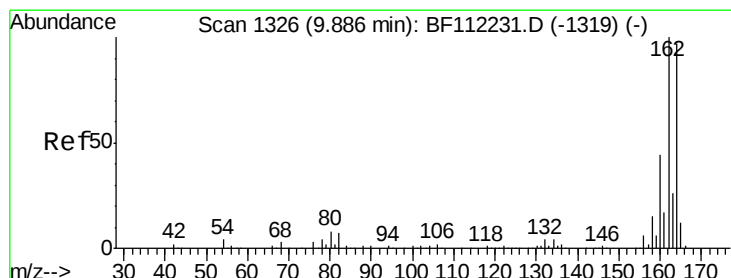
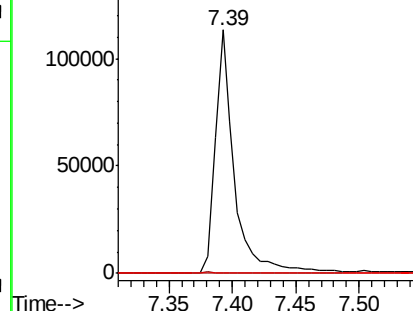
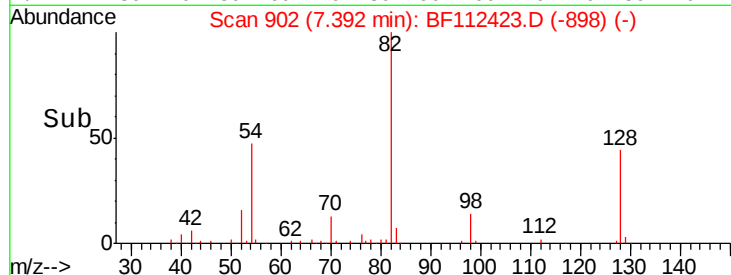
138 0.0 15.4 23.0#



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: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112423.D

Acq: 6 Feb 2019 16:43

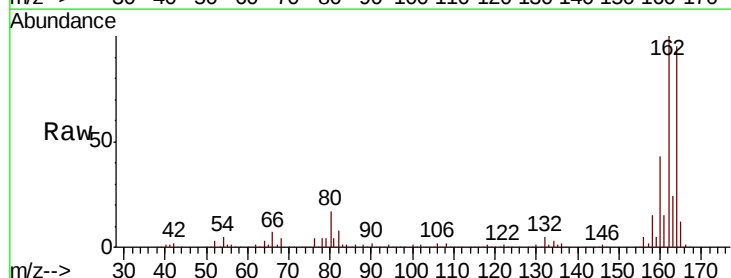
Tgt Ion: 164 Resp: 265881

Ion Ratio Lower Upper

164 100

162 105.2 82.2 123.4

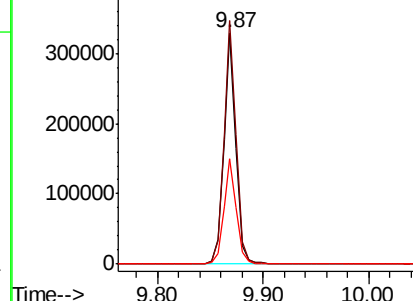
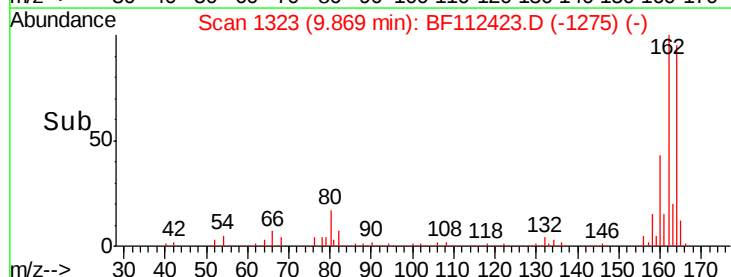
160 45.3 36.2 54.4

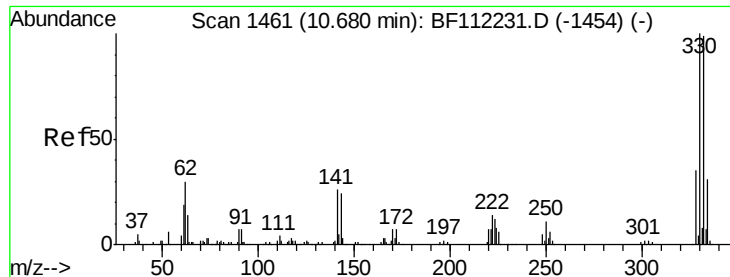


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

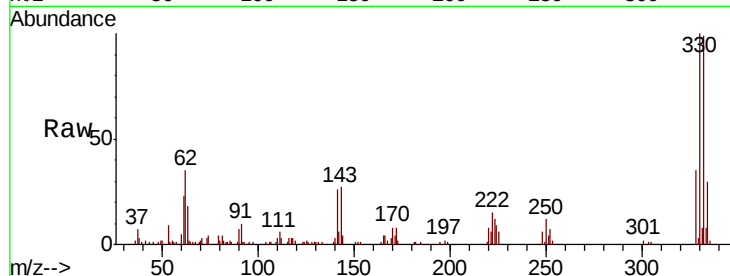




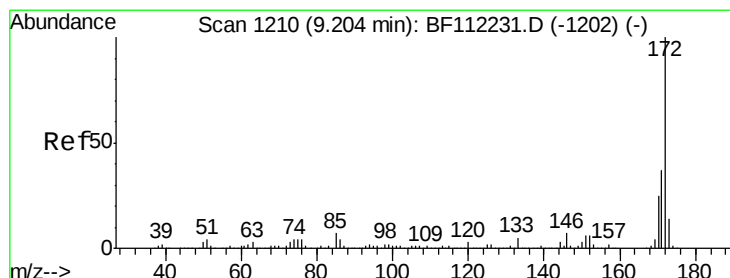
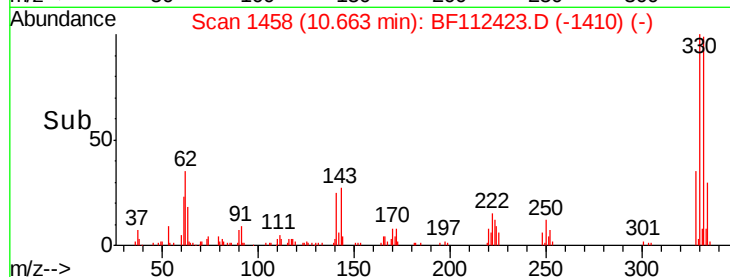
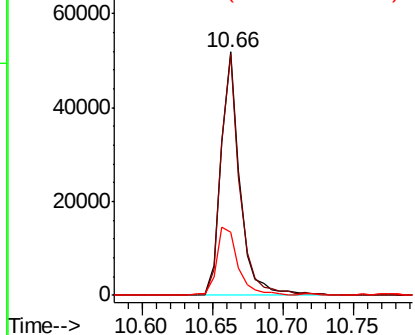
#42
 2,4,6-Tribromophenol
 Concen: 15.604 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112423.D
 Acq: 6 Feb 2019 16:43

Instrument :
 BNA_F
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 TR-05-020519

Tgt Ion:330 Resp: 48291
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.6 114.8
 141 32.0 24.3 36.5

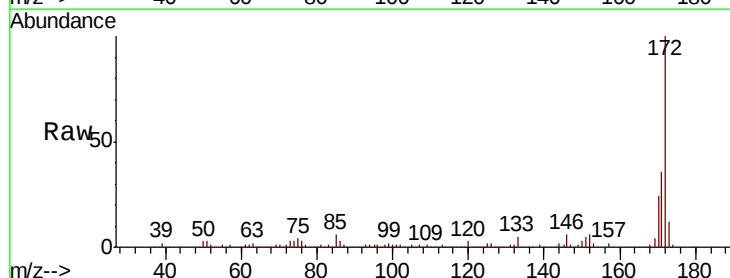


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

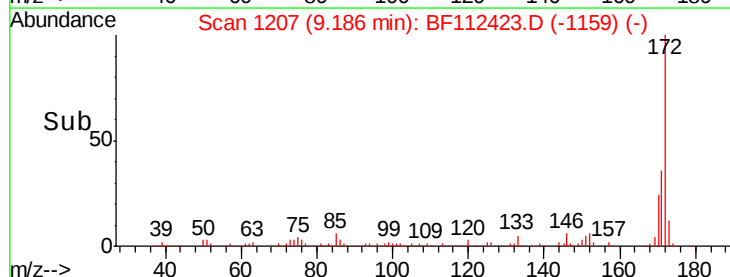
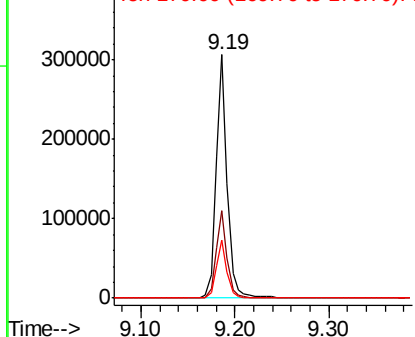


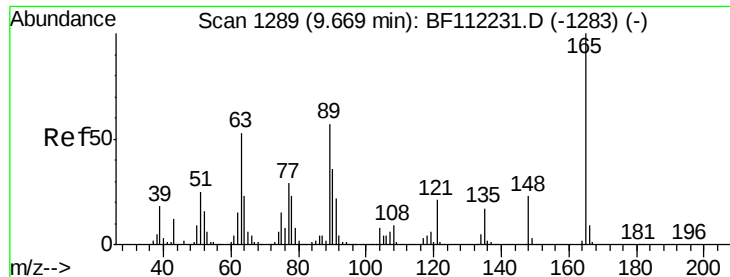
#45
 2-Fluorobiphenyl
 Concen: 13.753 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112423.D
 Acq: 6 Feb 2019 16:43

Tgt Ion:172 Resp: 258538
 Ion Ratio Lower Upper
 172 100
 171 35.8 30.5 45.7
 170 23.6 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: 7.475 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.20 min

Lab File: BF112423.D

Acq: 6 Feb 2019 16:43

Instrument :

BNA_F

ClientSampled :

TR-05-020519

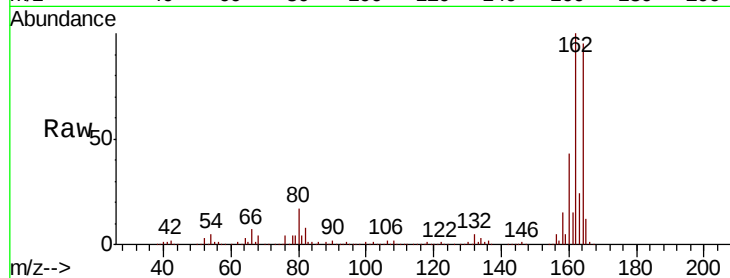
Tgt Ion:165 Resp: 34583

Ion Ratio Lower Upper

165 100

63 1.5 33.8 50.8#

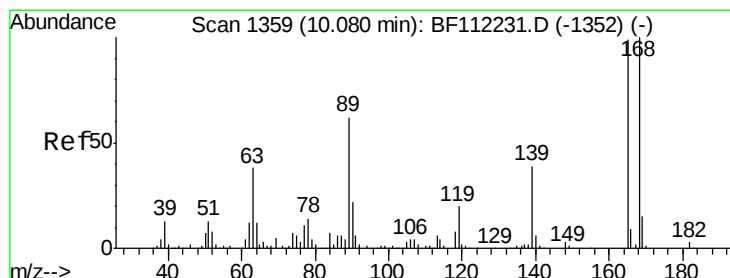
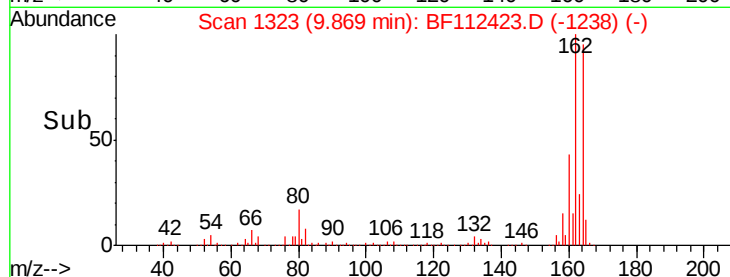
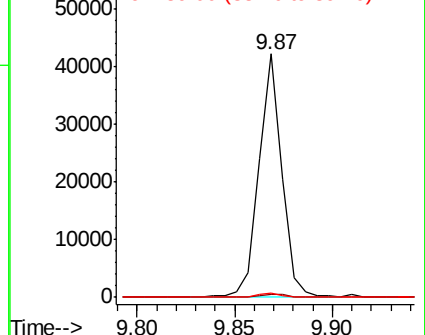
89 1.7 36.9 55.3#



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: 5.872 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.21 min

Lab File: BF112423.D

Acq: 6 Feb 2019 16:43

Tgt Ion:165 Resp: 34583

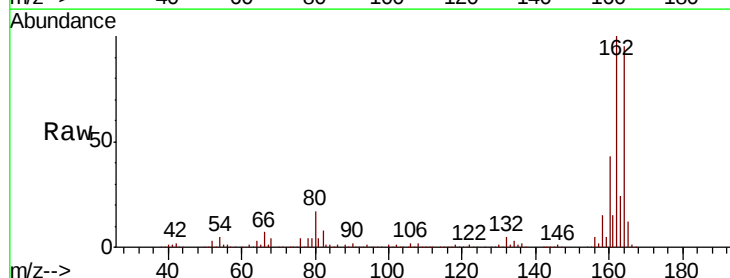
Ion Ratio Lower Upper

165 100

63 1.5 27.9 41.9#

89 1.7 47.9 71.9#

182 0.0 2.2 3.4#

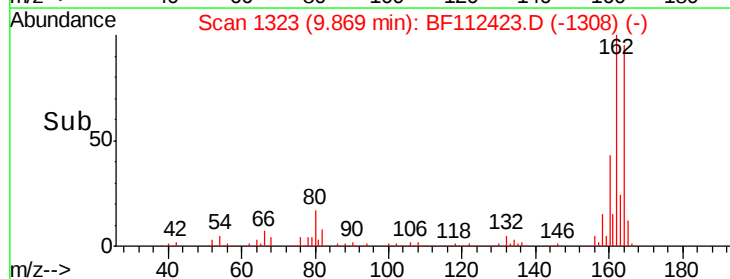
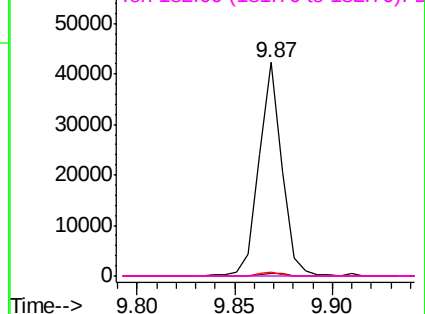


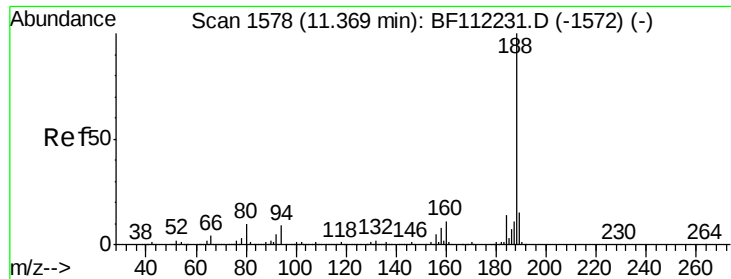
Abundance Ion 165.00 (164.70 to 165.70): E

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

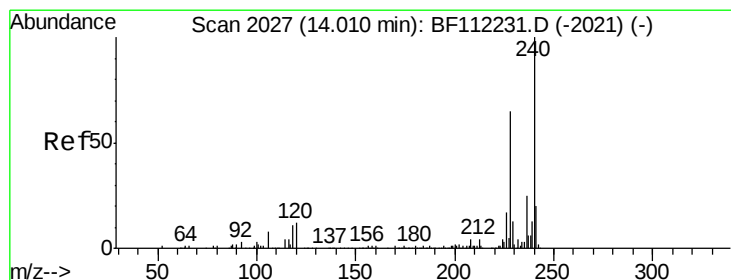
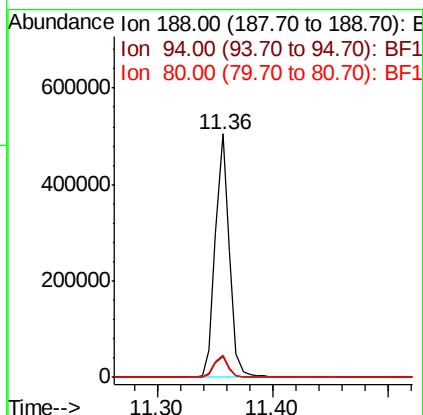
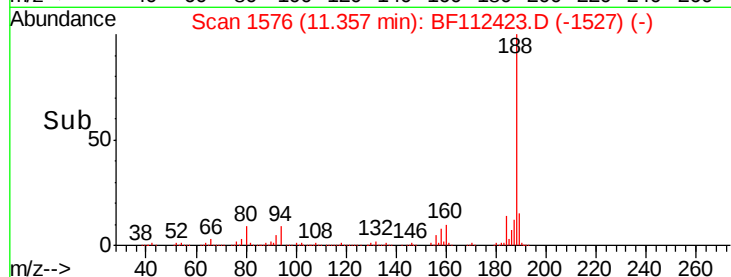
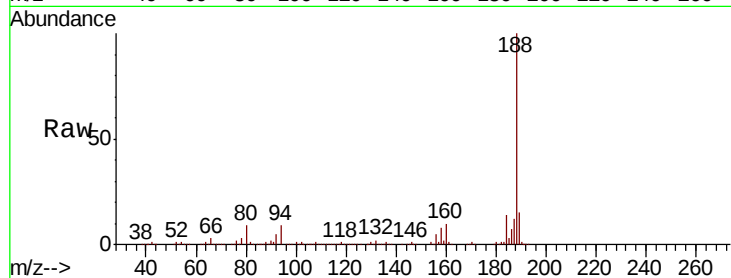




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112423.D
Acq: 6 Feb 2019 16:43

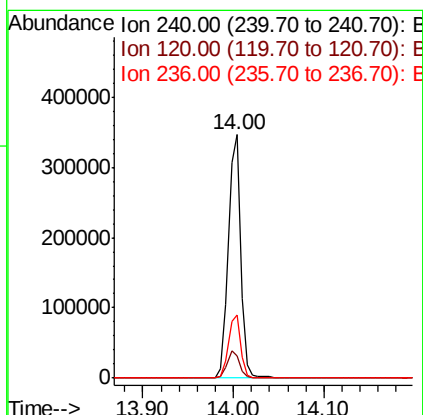
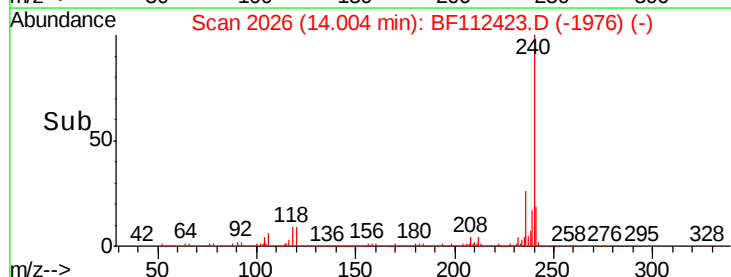
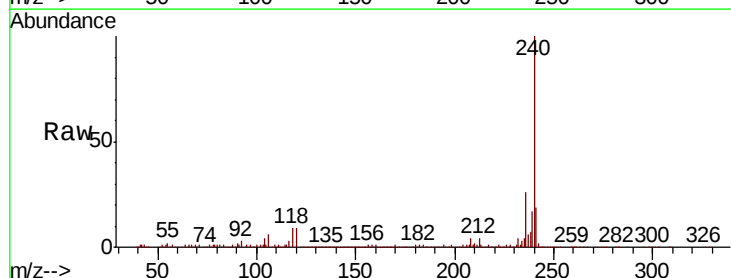
Instrument :
BNA_F
ClientSampleId :
TR-05-020519

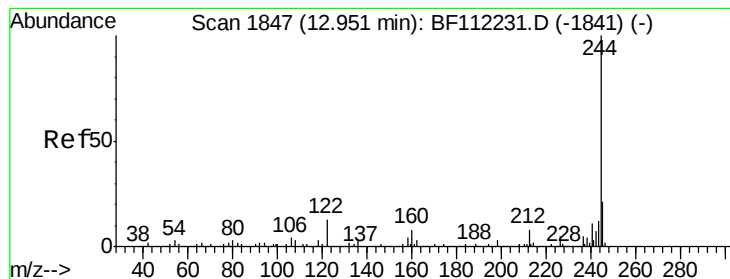
Tgt Ion:188 Resp: 426060
Ion Ratio Lower Upper
188 100
94 8.5 8.2 12.2
80 8.9 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112423.D
Acq: 6 Feb 2019 16:43

Tgt Ion:240 Resp: 326442
Ion Ratio Lower Upper
240 100
120 9.3 9.0 13.6
236 25.9 20.7 31.1





#79

Terphenyl-d14

Concen: 10.632 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112423.D

Acq: 6 Feb 2019 16:43

Instrument :

BNA_F

ClientSampleId :

TR-05-020519

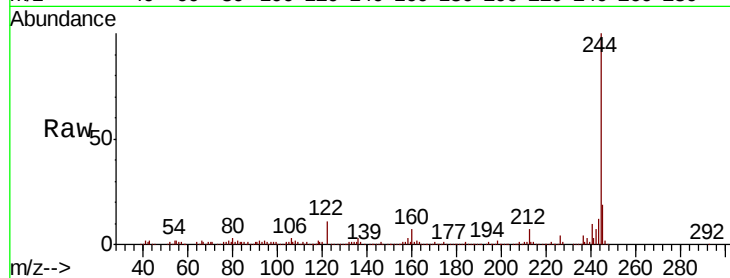
Tgt Ion:244 Resp: 184272

Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

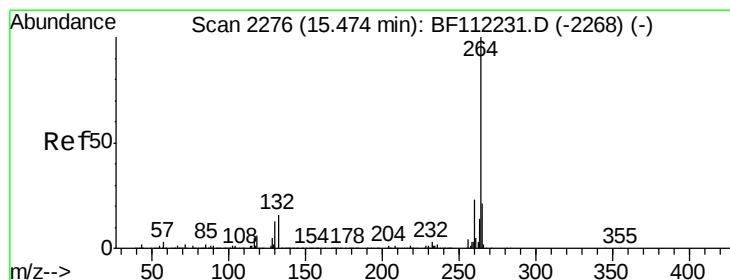
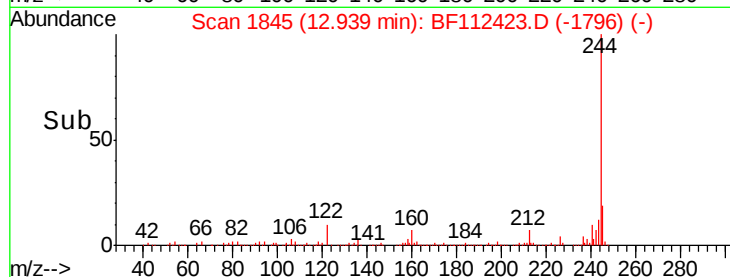
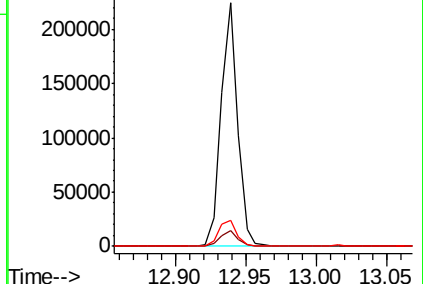
122 10.6 9.8 14.6



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: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF112423.D

Acq: 6 Feb 2019 16:43

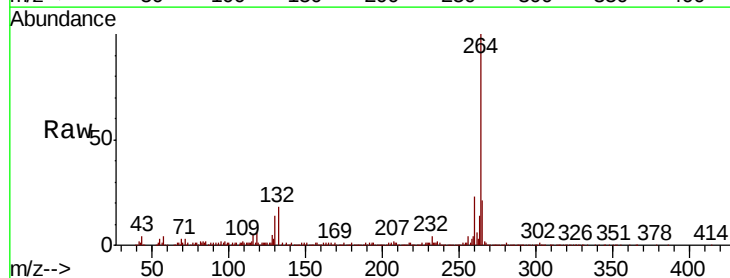
Tgt Ion:264 Resp: 303041

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.2

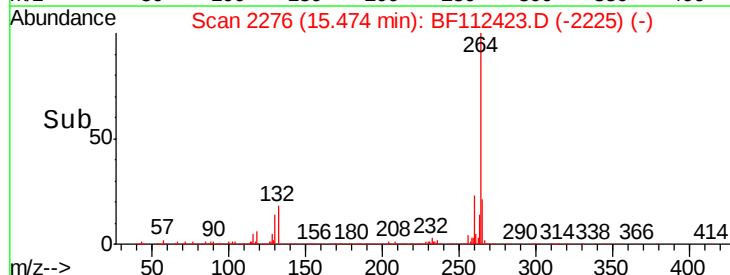
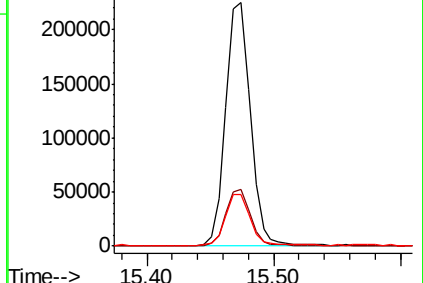
265 21.5 17.0 25.4

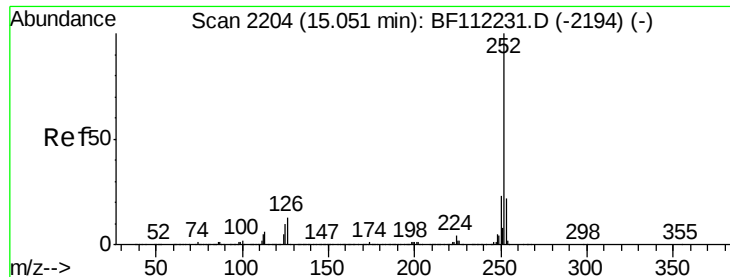


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

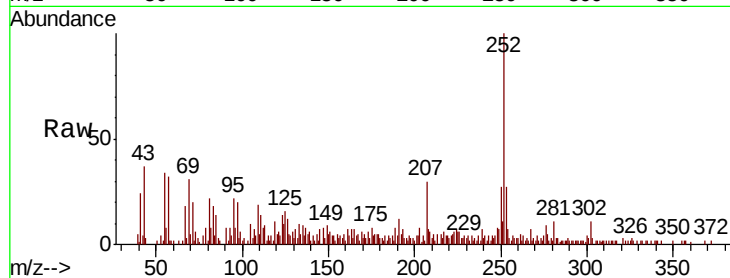




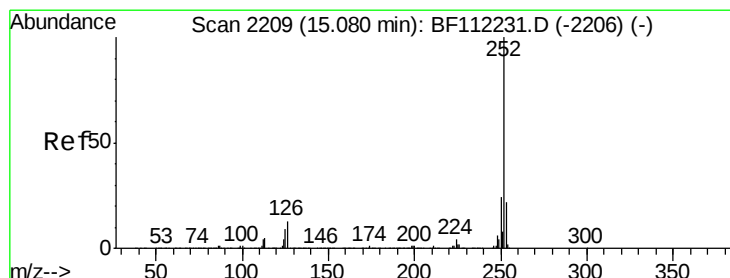
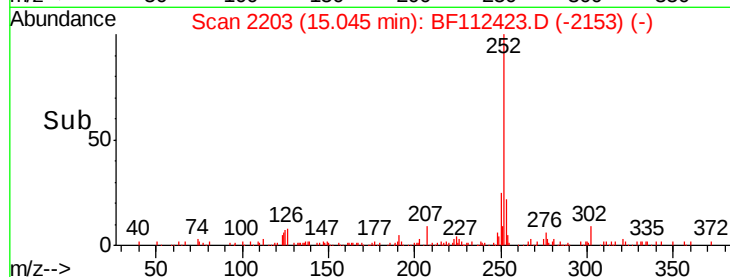
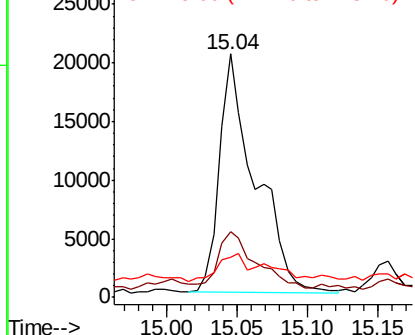
#88
Benzo(b)fluoranthene
Concen: 2.001 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112423.D
Acq: 6 Feb 2019 16:43

Instrument :
BNA_F
ClientSampleId :
TR-05-020519

Tgt Ion:252 Resp: 36270
Ion Ratio Lower Upper
252 100
253 27.0 18.0 27.0#
125 16.5 8.7 13.1#

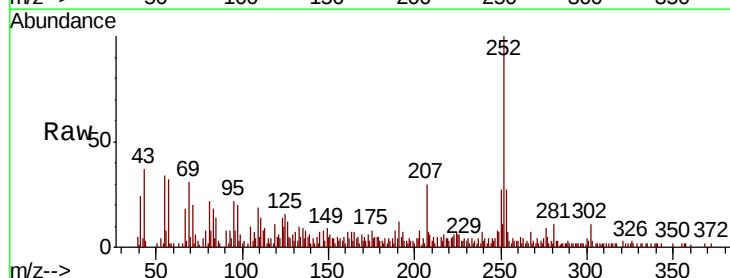


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 2.089 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF112423.D
Acq: 6 Feb 2019 16:43

Tgt Ion:252 Resp: 36270
Ion Ratio Lower Upper
252 100
253 27.0 18.0 27.0#
125 16.5 9.1 13.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

