

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020619\NOT REVIEWED DATA\
 Data File : BF112420.D
 Acq On : 6 Feb 2019 15:19
 Operator : JU/SJ
 Sample : K1338-05 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-020519-C

Quant Time: Feb 07 00:58:14 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

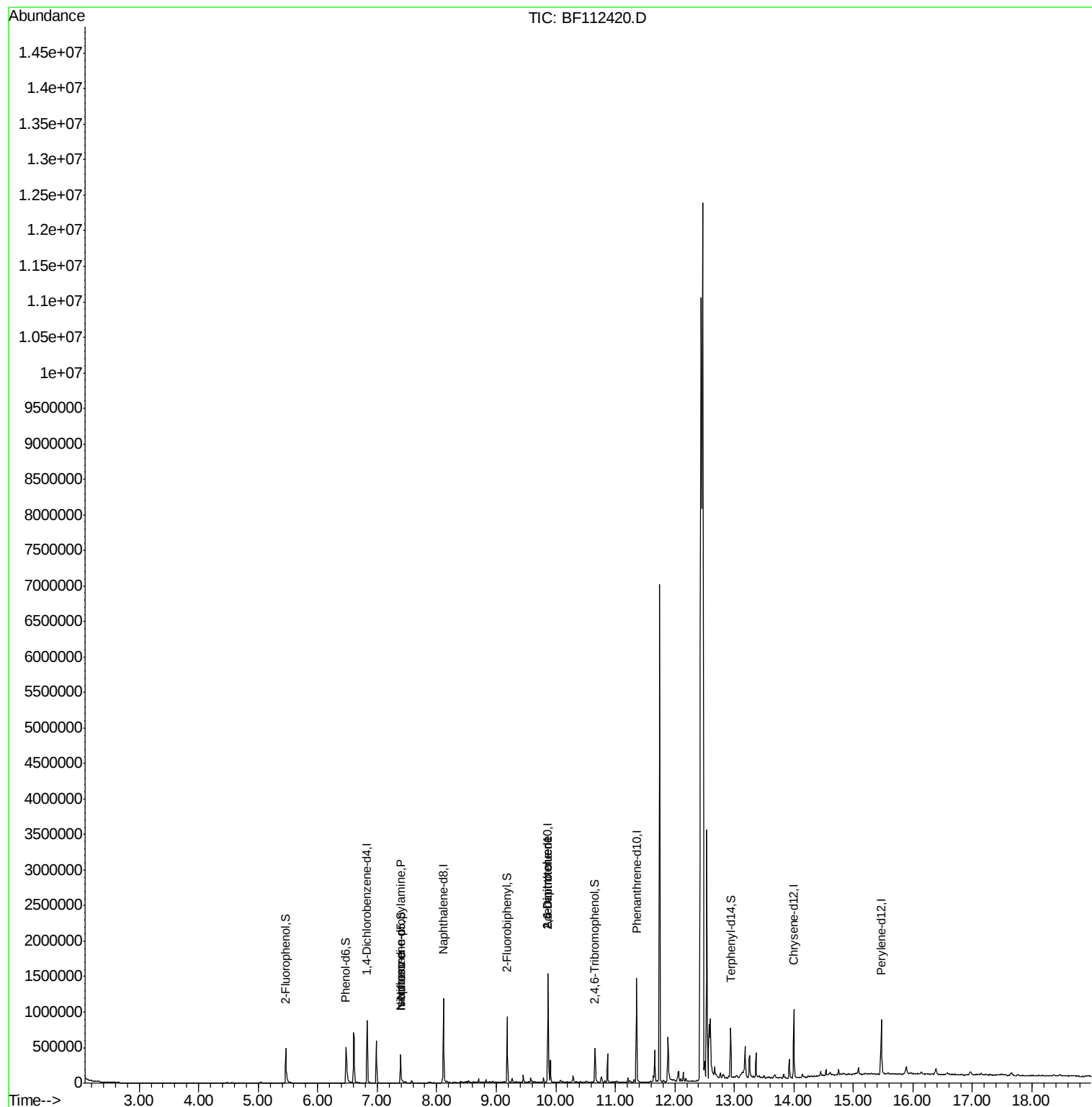
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	150719	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	613031	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	288928	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	512488	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	324626	20.00	ng	-0.01
87) Perylene-d12	15.47	264	331131	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	177753	25.05	ng	-0.02
7) Phenol-d6	6.48	99	232809	23.61	ng	-0.01
23) Nitrobenzene-d5	7.39	82	143074	13.45	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	66455	19.76	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	273090	13.37	ng	-0.02
79) Terphenyl-d14	12.94	244	219018	12.71	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	19130	2.814	ng	# 79
25) Isophorone	7.39	82	143073	8.572	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	37422	7.443	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	37422	5.847	ng	# 31

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

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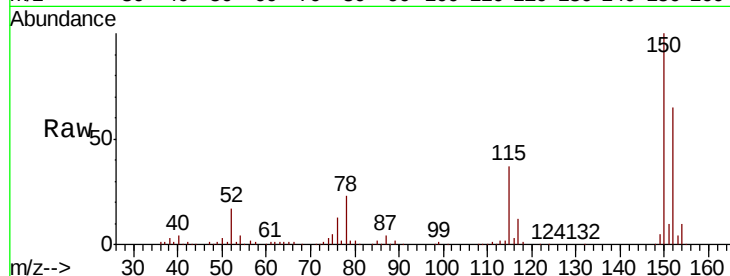


#1

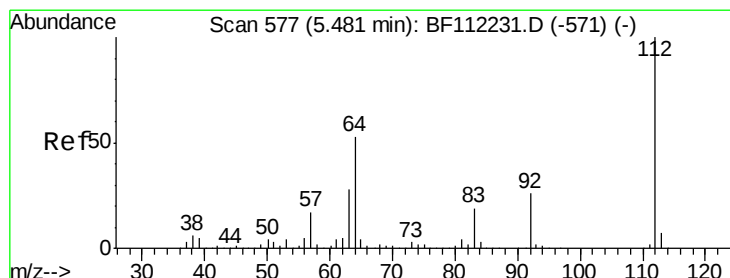
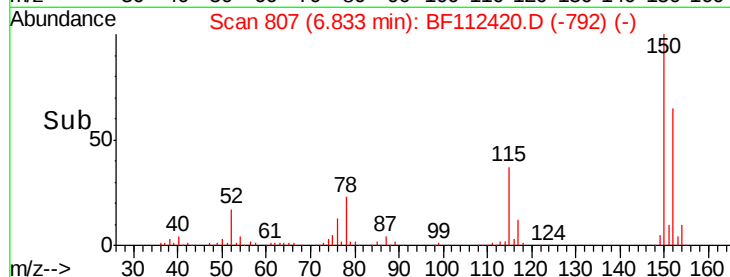
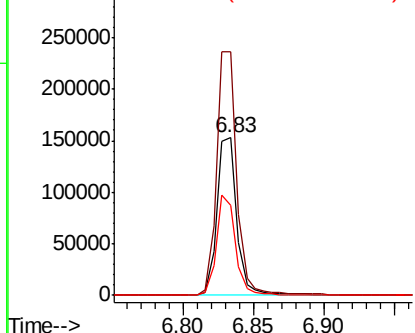
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112420.D
Acq: 6 Feb 2019 15:19

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ClientSampleId :
AU-06-020519-C

Tgt Ion:152 Resp: 150719
Ion Ratio Lower Upper
152 100
150 154.2 127.4 191.0
115 57.5 45.5 68.3



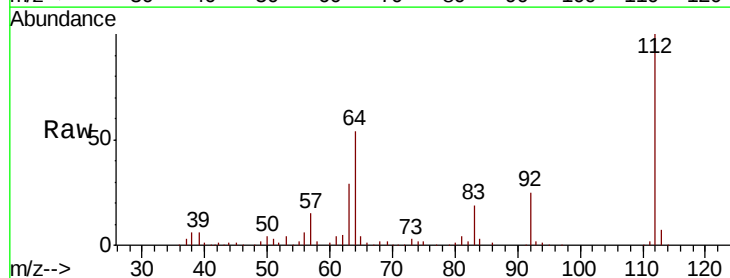
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



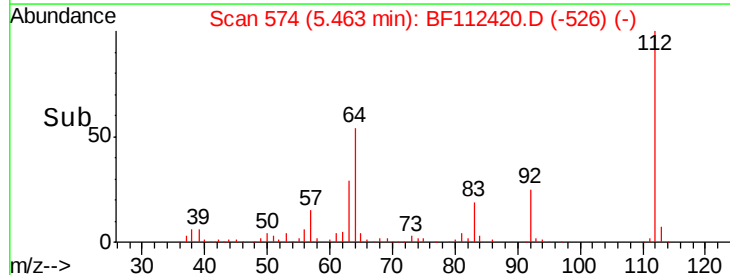
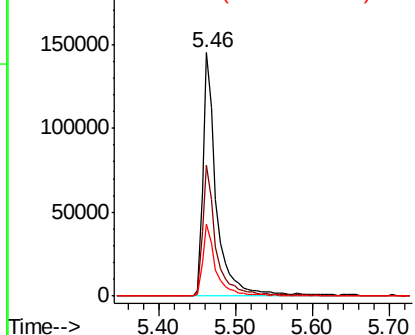
#5

2-Fluorophenol
Concen: 25.051 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112420.D
Acq: 6 Feb 2019 15:19

Tgt Ion:112 Resp: 177753
Ion Ratio Lower Upper
112 100
64 53.7 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: 23.612 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112420.D

Acq: 6 Feb 2019 15:19

Instrument :

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ClientSampleId :

AU-06-020519-C

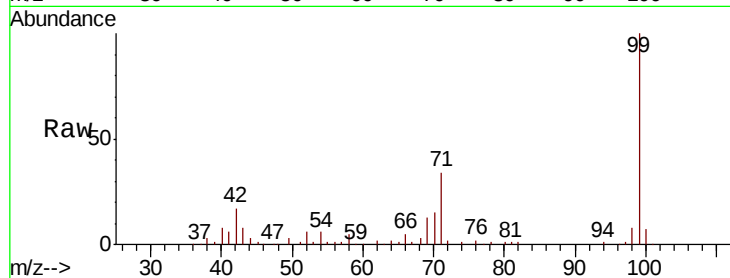
Tgt Ion: 99 Resp: 232809

Ion Ratio Lower Upper

99 100

42 17.2 15.1 22.7

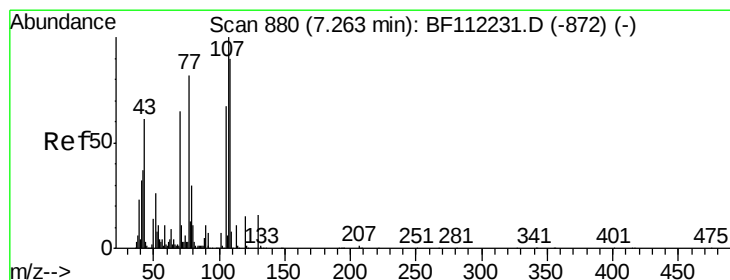
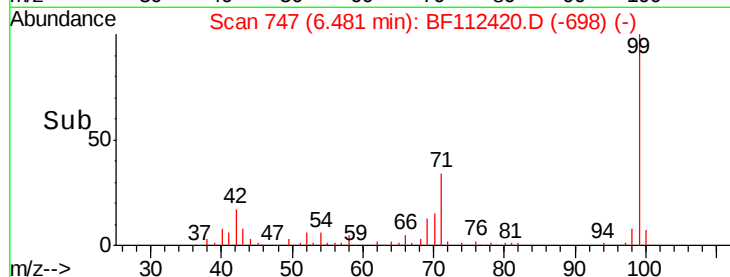
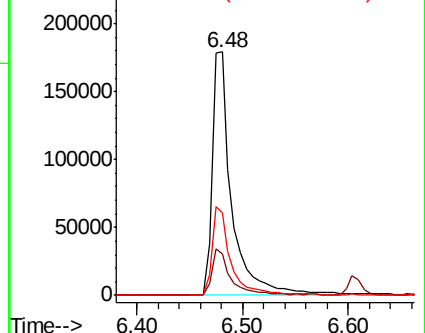
71 33.7 26.9 40.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 2.814 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.13 min

Lab File: BF112420.D

Acq: 6 Feb 2019 15:19

Tgt Ion: 70 Resp: 19130

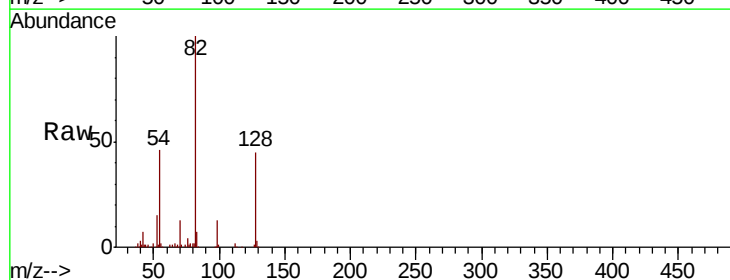
Ion Ratio Lower Upper

70 100

42 51.2 47.6 71.4

101 0.0 7.9 11.9#

130 2.0 18.4 27.6#

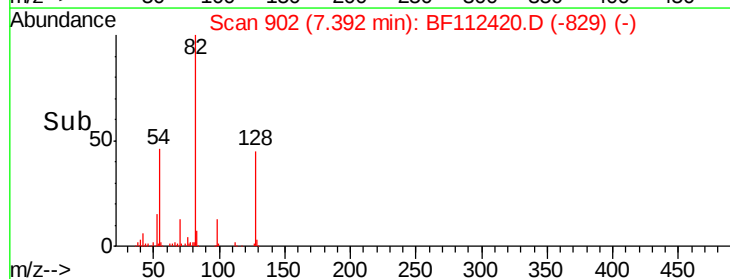
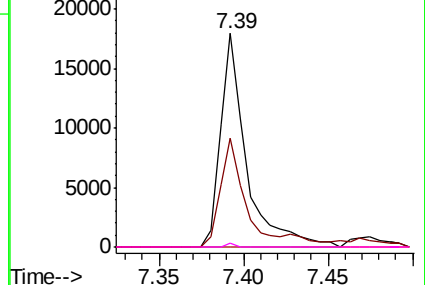


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

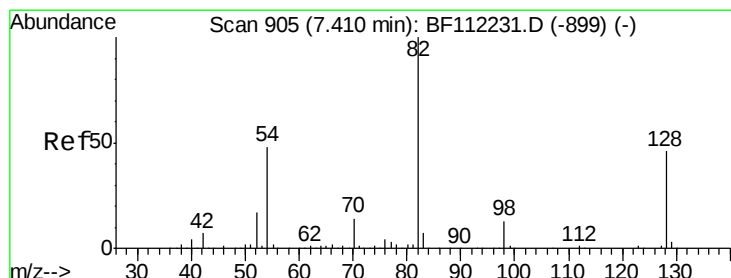
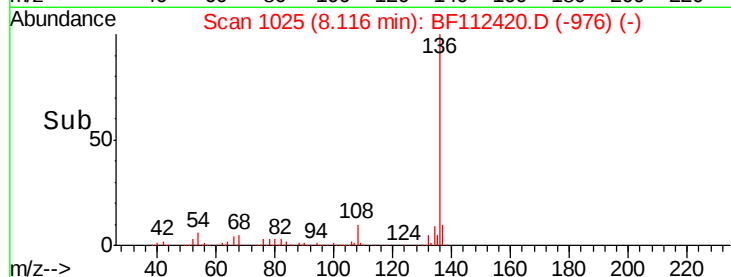
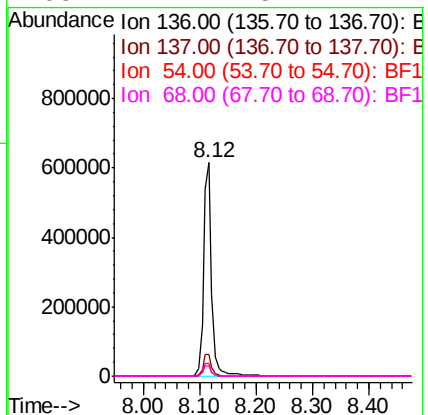
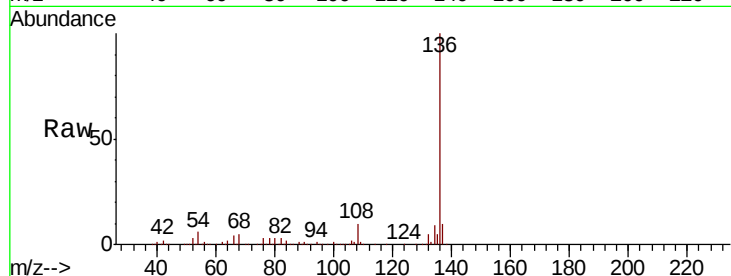




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112420.D
Acq: 6 Feb 2019 15:19

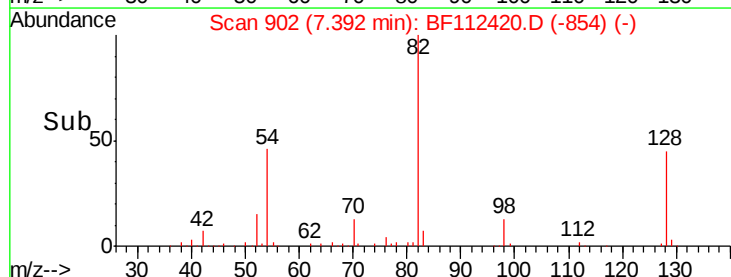
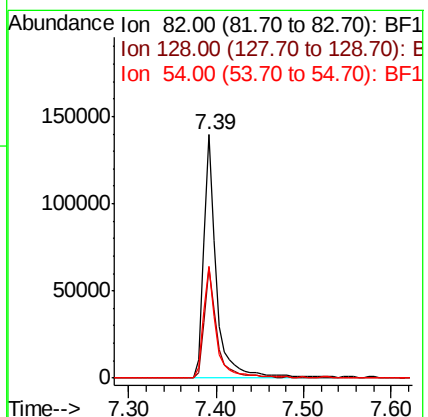
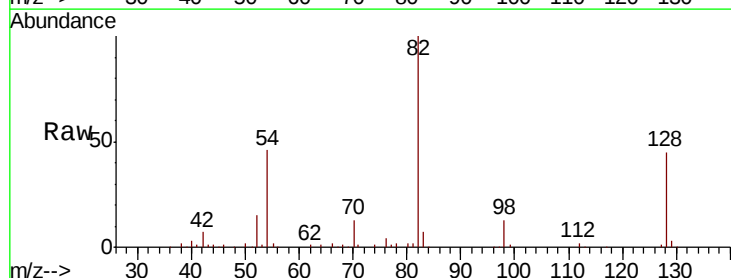
Instrument :
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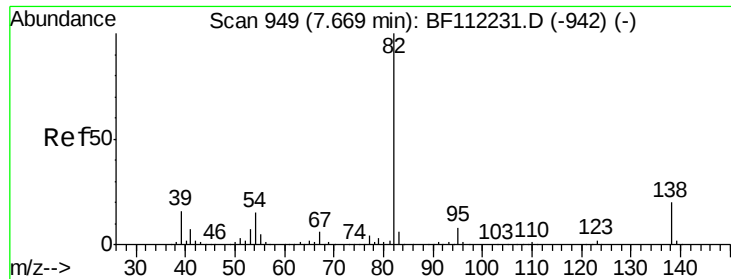
Tgt Ion:	136	Resp:	613031
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	5.9	5.9	8.9#
68	4.7	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 13.448 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112420.D
Acq: 6 Feb 2019 15:19

Tgt Ion:	82	Resp:	143074
Ion	Ratio	Lower	Upper
82	100		
128	45.1	37.8	56.8
54	46.1	39.7	59.5





#25

Isophorone

Concen: 8.572 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.28 min

Lab File: BF112420.D

Acq: 6 Feb 2019 15:19

Instrument :

BNA_F

ClientSampleId :

AU-06-020519-C

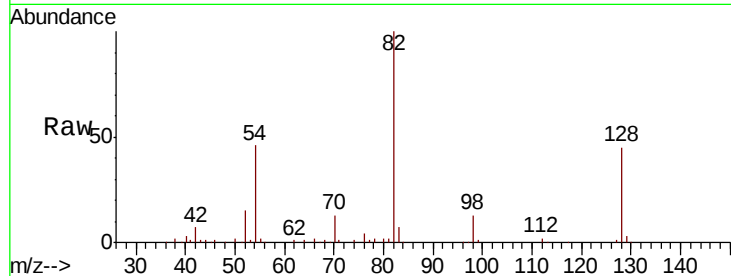
Tgt Ion: 82 Resp: 143073

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

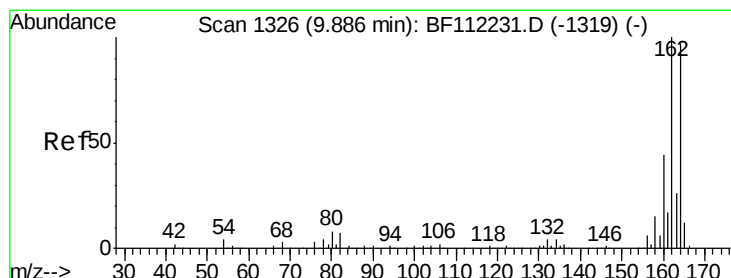
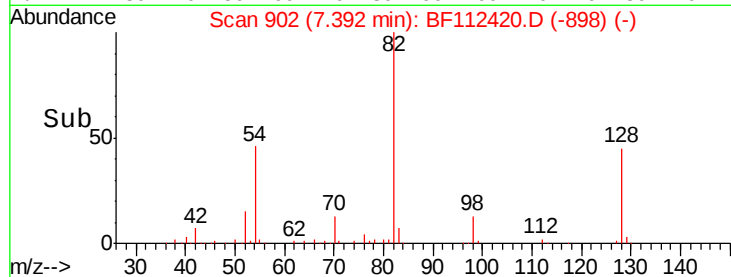
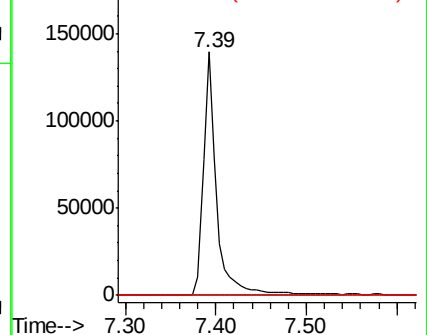
138 0.0 15.4 23.0#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112420.D

Acq: 6 Feb 2019 15:19

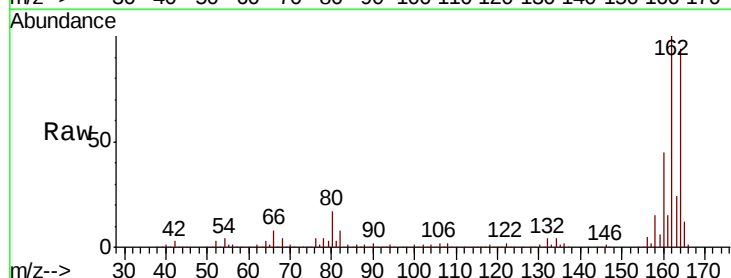
Tgt Ion: 164 Resp: 288928

Ion Ratio Lower Upper

164 100

162 106.1 82.2 123.4

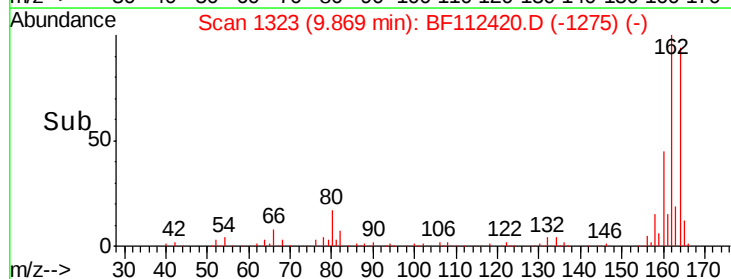
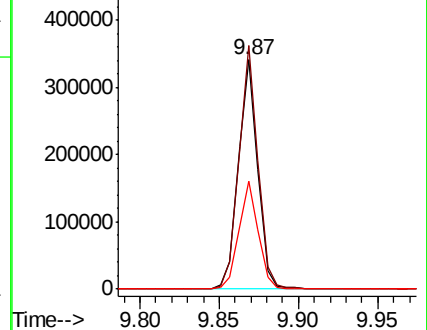
160 47.3 36.2 54.4



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: 19.760 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112420.D

Acq: 6 Feb 2019 15:19

Instrument :

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ClientSampleId :

AU-06-020519-C

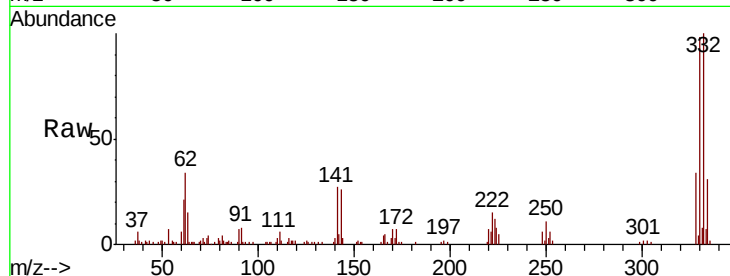
Tgt Ion:330 Resp: 66455

Ion Ratio Lower Upper

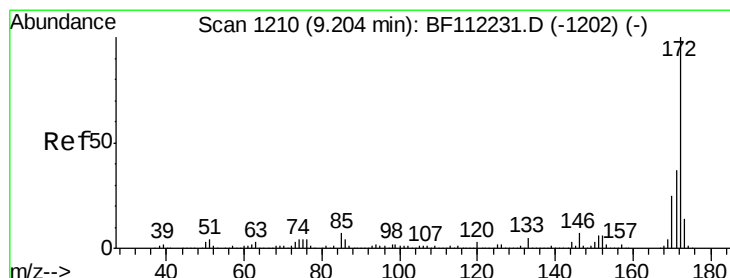
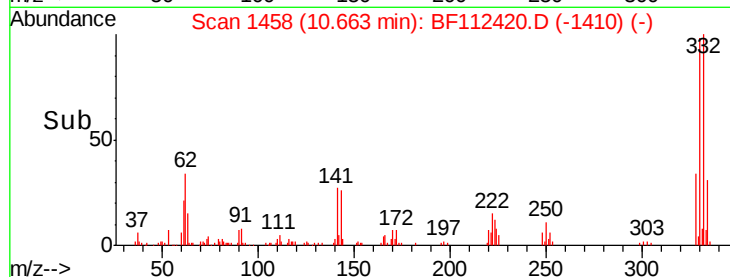
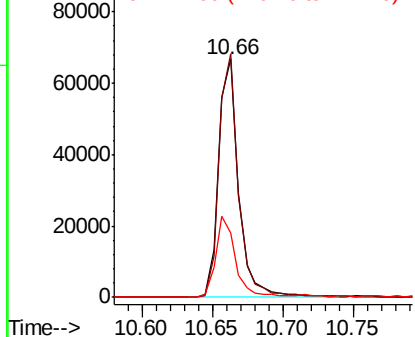
330 100

332 99.1 76.6 114.8

141 33.3 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: 13.368 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF112420.D

Acq: 6 Feb 2019 15:19

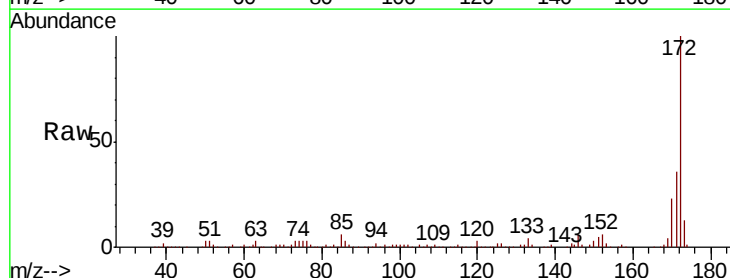
Tgt Ion:172 Resp: 273090

Ion Ratio Lower Upper

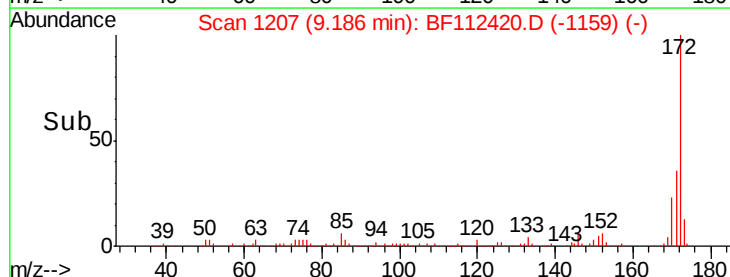
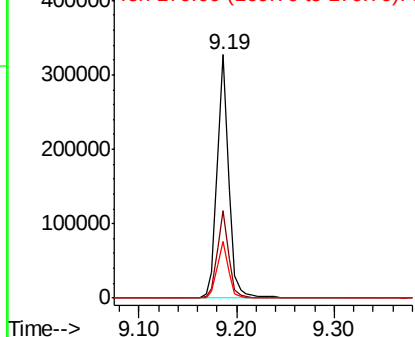
172 100

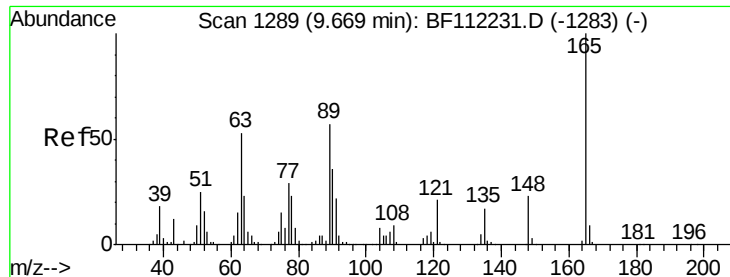
171 35.8 30.5 45.7

170 23.4 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

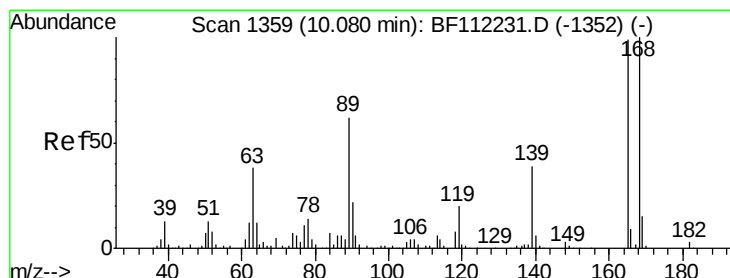
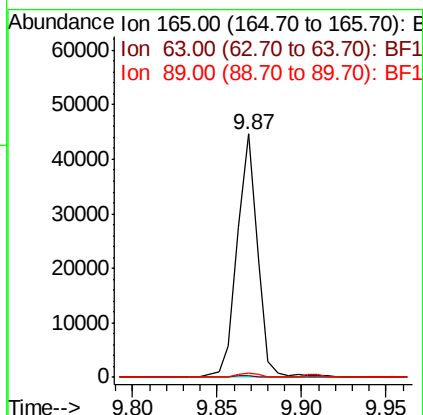
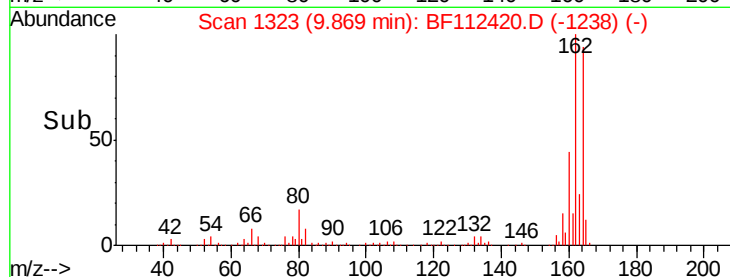
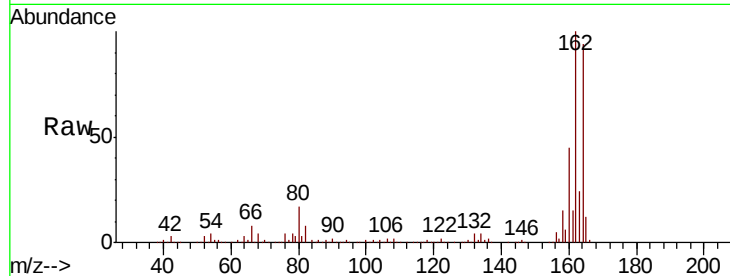




#51
 2,6-Dinitrotoluene
 Concen: 7.443 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.20 min
 Lab File: BF112420.D
 Acq: 6 Feb 2019 15:19

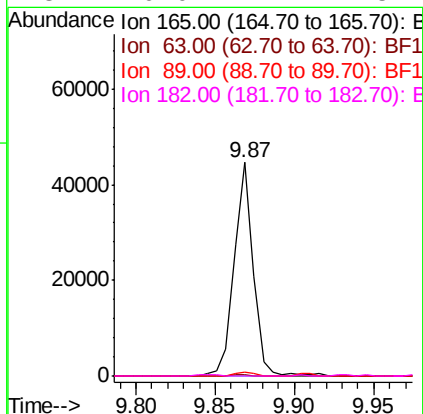
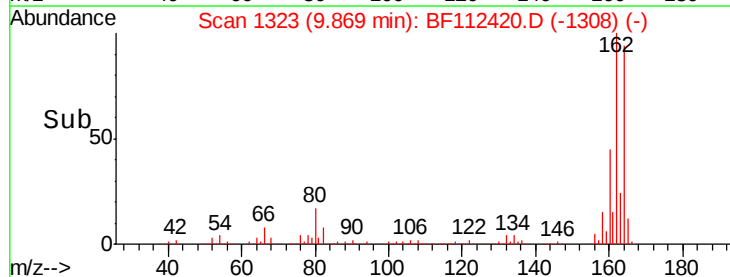
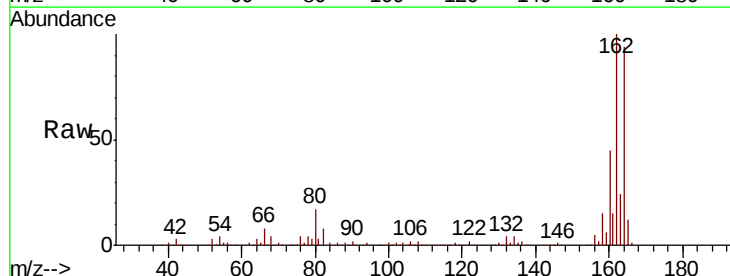
Instrument :
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Tgt Ion:165 Resp: 37422
 Ion Ratio Lower Upper
 165 100
 63 0.7 33.8 50.8#
 89 1.7 36.9 55.3#



#57
 2,4-Dinitrotoluene
 Concen: 5.847 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF112420.D
 Acq: 6 Feb 2019 15:19

Tgt Ion:165 Resp: 37422
 Ion Ratio Lower Upper
 165 100
 63 0.7 27.9 41.9#
 89 1.7 47.9 71.9#
 182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF112420.D

Acq: 6 Feb 2019 15:19

Instrument :

BNA_F

ClientSampleId :

AU-06-020519-C

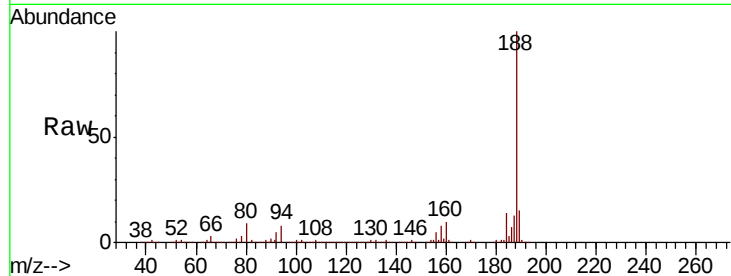
Tgt Ion:188 Resp: 512488

Ion Ratio Lower Upper

188 100

94 8.0 8.2 12.2#

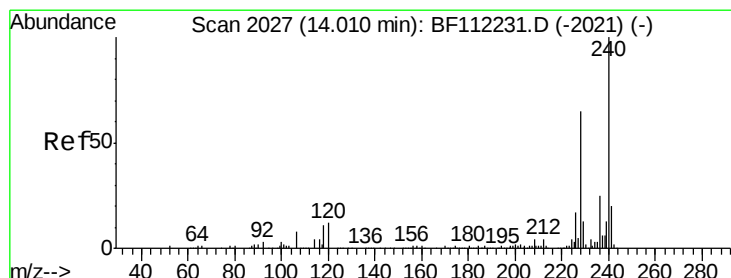
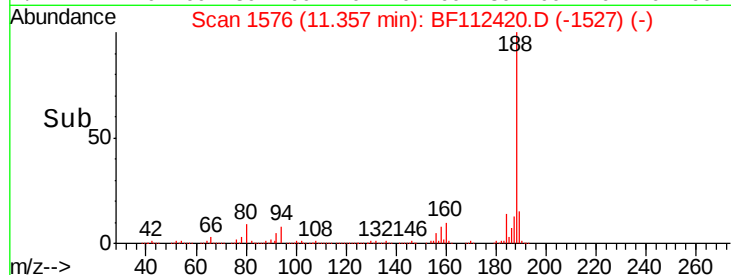
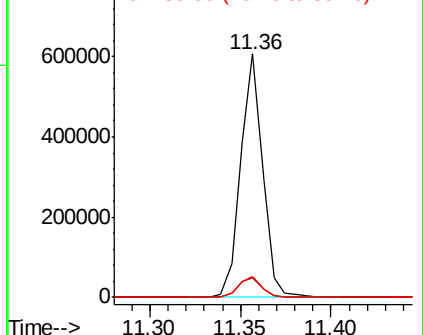
80 8.8 8.9 13.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112420.D

Acq: 6 Feb 2019 15:19

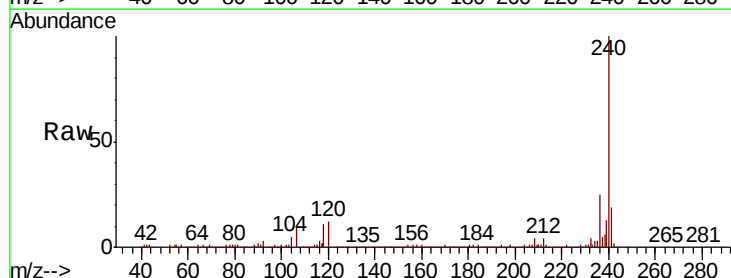
Tgt Ion:240 Resp: 324626

Ion Ratio Lower Upper

240 100

120 11.9 9.0 13.6

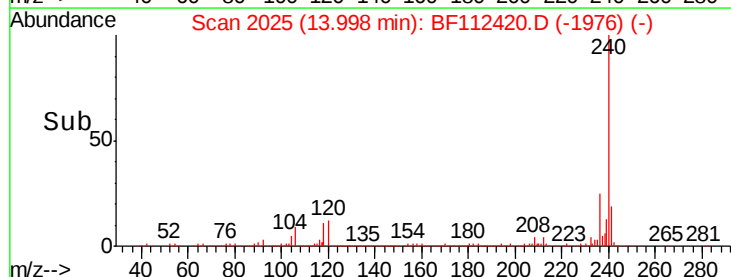
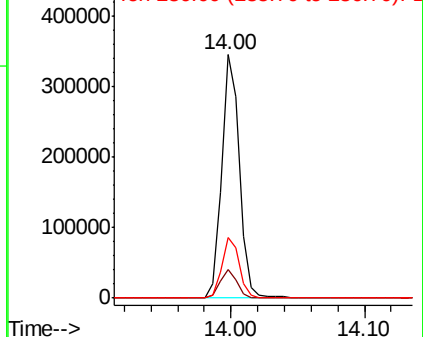
236 24.9 20.7 31.1

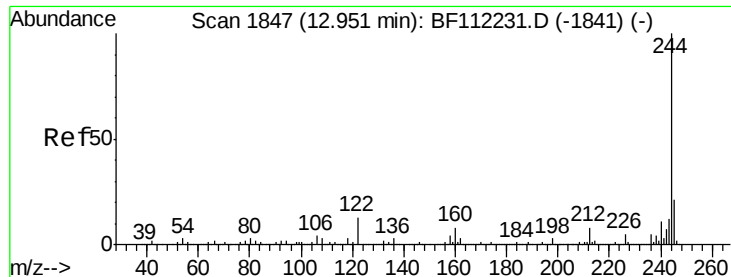


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 12.707 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112420.D

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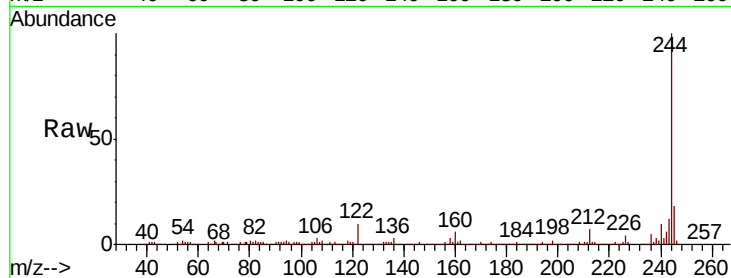
Tgt Ion:244 Resp: 219018

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

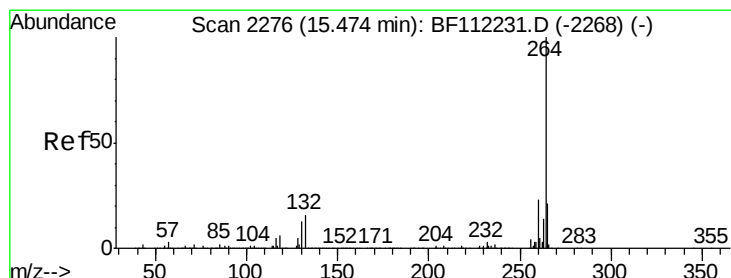
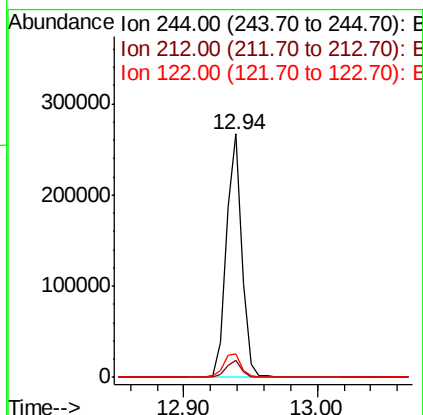
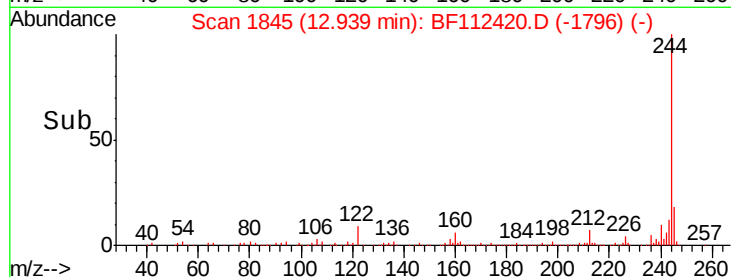
122 9.7 9.8 14.6#



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# 2275

Delta R.T. -0.01 min

Lab File: BF112420.D

Acq: 6 Feb 2019 15:19

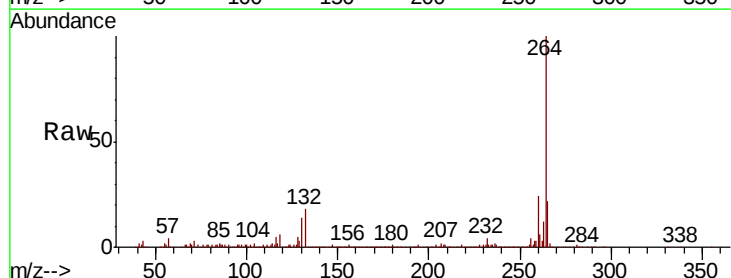
Tgt Ion:264 Resp: 331131

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.2

265 21.6 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

