

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020619\NOT REVIEWED DATA\
 Data File : BF112419.D
 Acq On : 6 Feb 2019 14:52
 Operator : JU/SJ
 Sample : K1338-03 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Feb 07 00:57:59 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

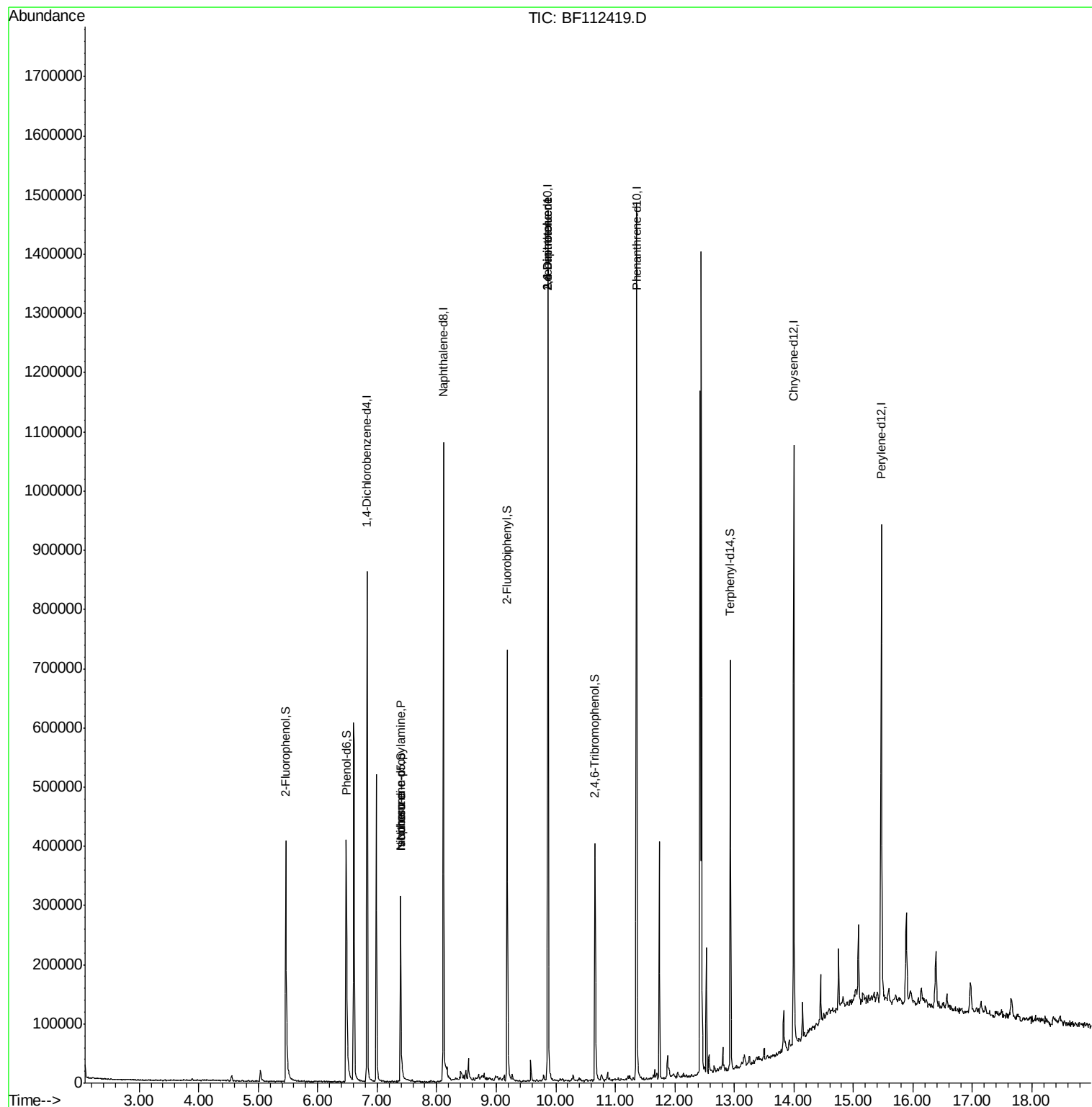
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	145118	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	581715	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	285893	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	536449	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	328582	20.00	ng	-0.01
87) Perylene-d12	15.47	264	332151	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	157495	23.05	ng	-0.02
7) Phenol-d6	6.48	99	200961	21.17	ng	-0.01
23) Nitrobenzene-d5	7.39	82	119292	11.82	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	60077	18.05	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	244570	12.10	ng	-0.02
79) Terphenyl-d14	12.93	244	221897	12.72	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	16133	2.464	ng	# 72
25) Isophorone	7.39	82	119292	7.532	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	35624	7.161	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	35624	5.625	ng	# 31

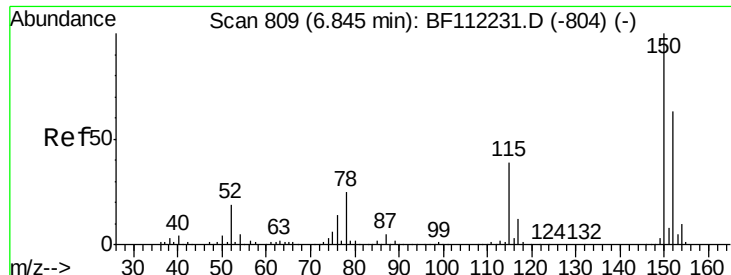
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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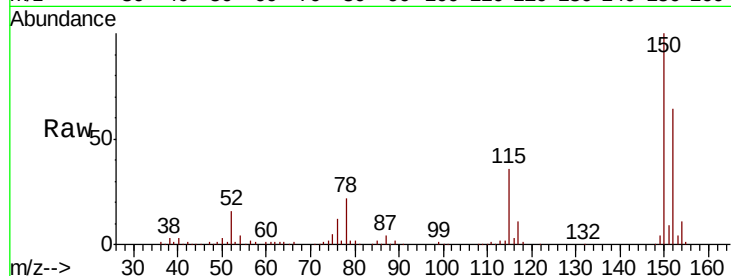


#1

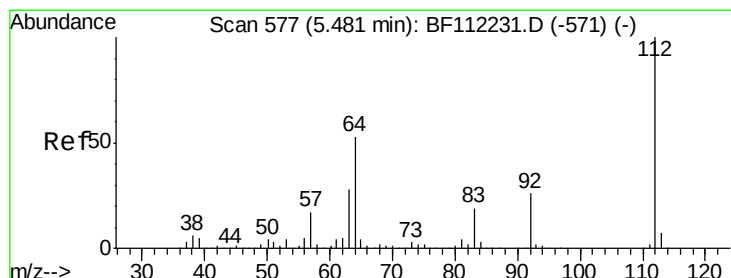
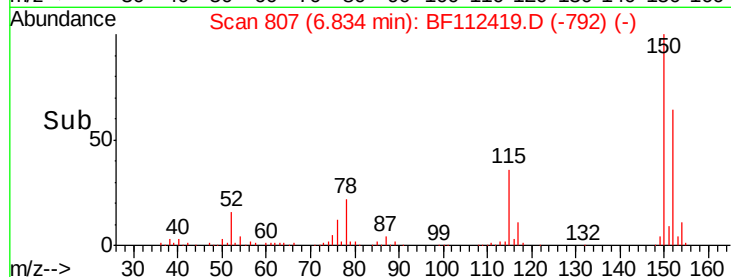
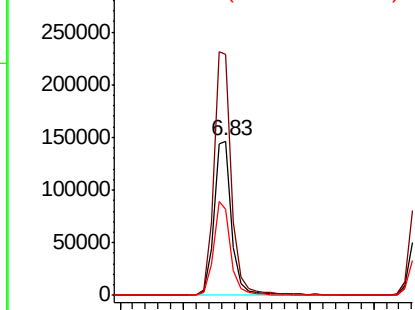
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112419.D
Acq: 6 Feb 2019 14:52

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

Tgt Ion:152 Resp: 145118
Ion Ratio Lower Upper
152 100
150 156.2 127.4 191.0
115 55.7 45.5 68.3



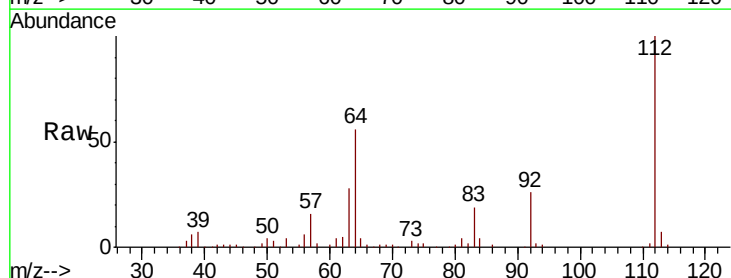
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



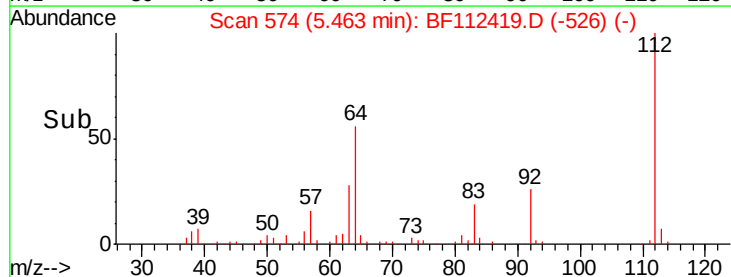
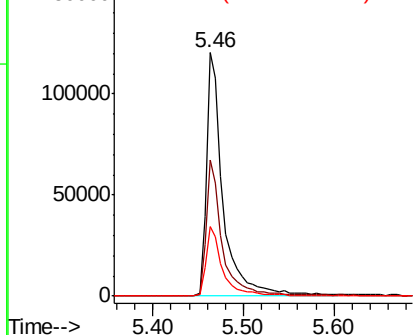
#5

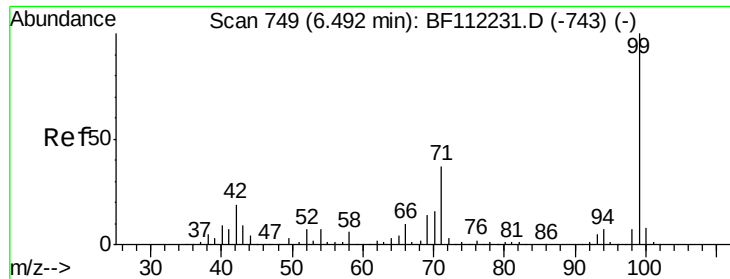
2-Fluorophenol
Concen: 23.052 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112419.D
Acq: 6 Feb 2019 14:52

Tgt Ion:112 Resp: 157495
Ion Ratio Lower Upper
112 100
64 56.1 45.7 68.5
63 28.4 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: 21.168 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112419.D

Acq: 6 Feb 2019 14:52

Instrument :

BNA_F

ClientSampleId :

AU-06-020519-B

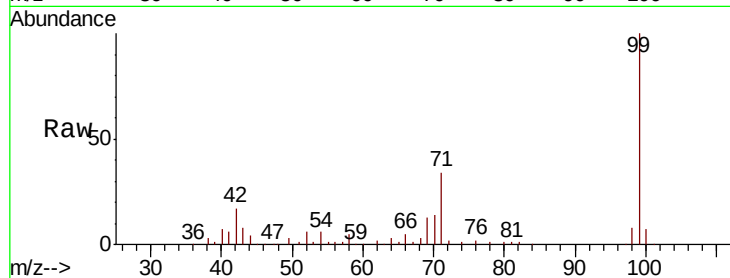
Tgt Ion: 99 Resp: 200961

Ion Ratio Lower Upper

99 100

42 17.0 15.1 22.7

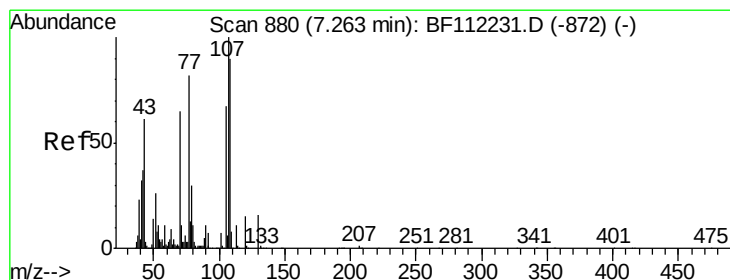
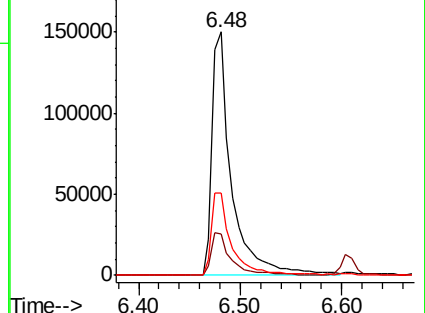
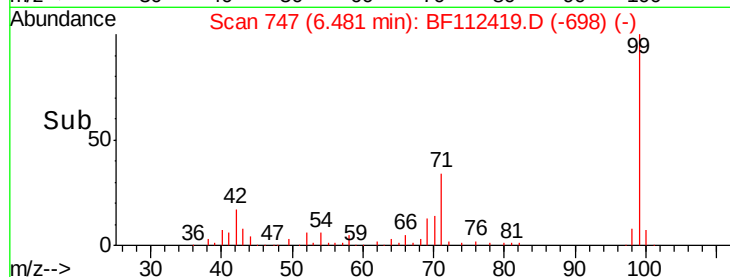
71 33.8 26.9 40.3



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: 2.464 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.13 min

Lab File: BF112419.D

Acq: 6 Feb 2019 14:52

Tgt Ion: 70 Resp: 16133

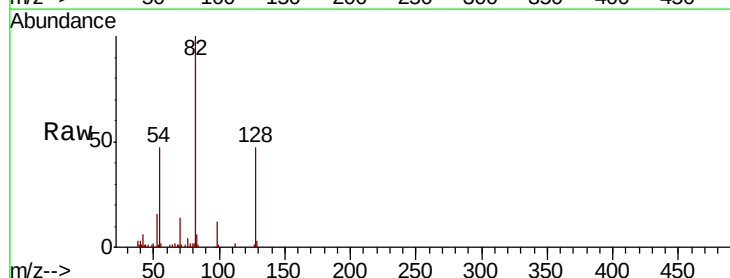
Ion Ratio Lower Upper

70 100

42 44.3 47.6 71.4#

101 0.0 7.9 11.9#

130 0.0 18.4 27.6#

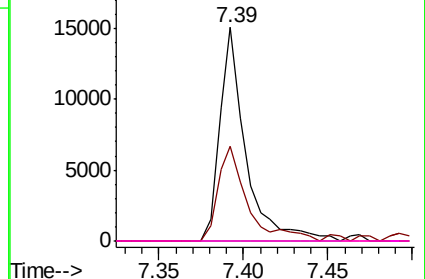
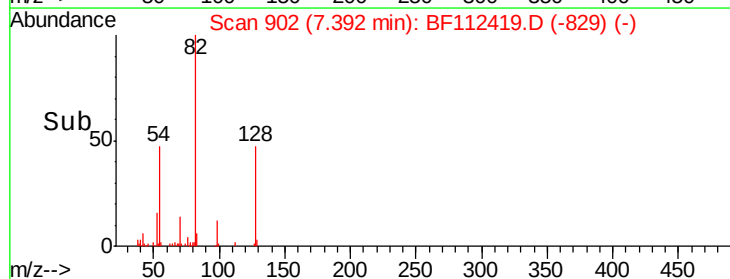


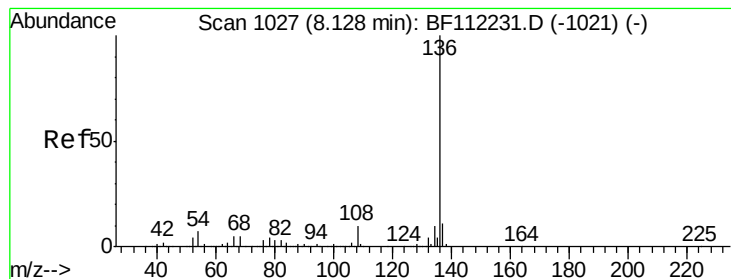
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.11 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF112419.D

Acq: 6 Feb 2019 14:52

Instrument :

BNA_F

ClientSampleId :

AU-06-020519-B

Tgt Ion: 136 Resp: 581715

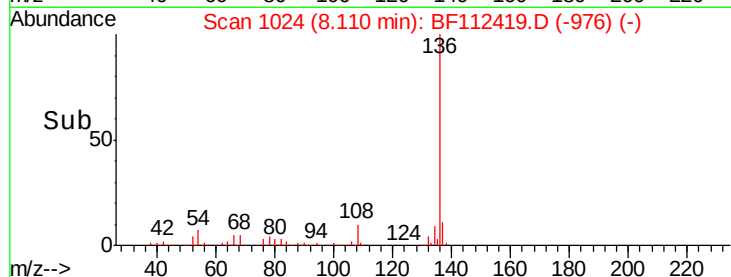
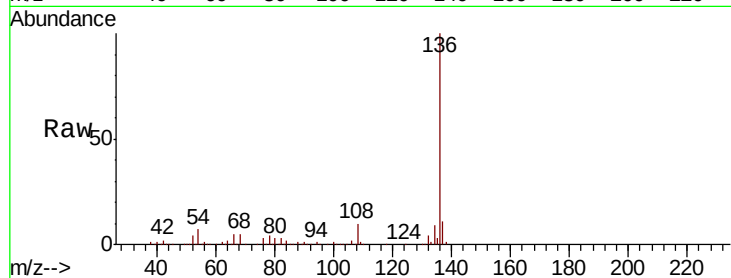
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.1 5.9 8.9

68 5.3 5.1 7.7



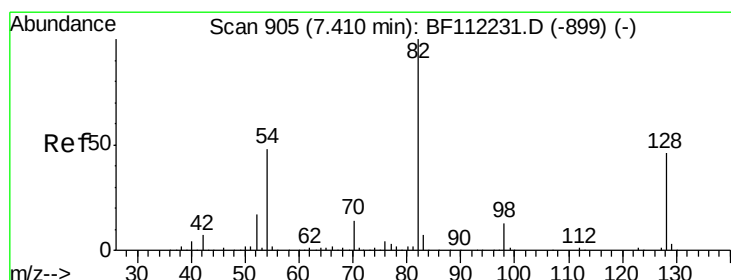
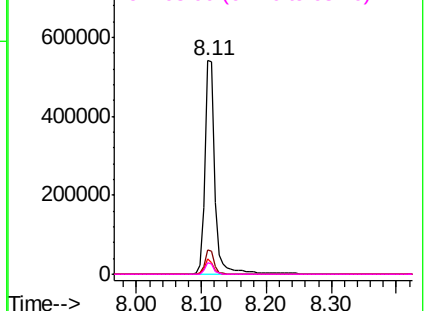
Abundance

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: 11.816 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF112419.D

Acq: 6 Feb 2019 14:52

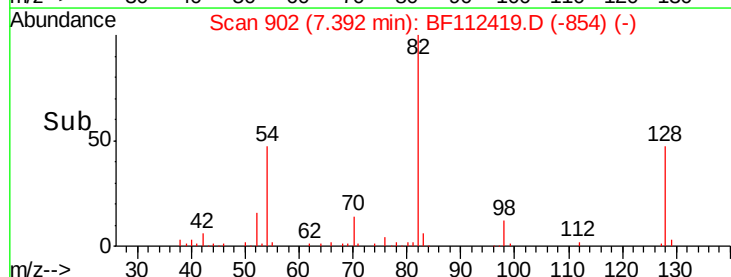
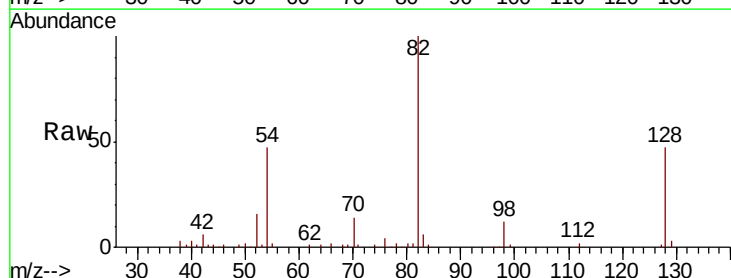
Tgt Ion: 82 Resp: 119292

Ion Ratio Lower Upper

82 100

128 46.5 37.8 56.8

54 46.9 39.7 59.5

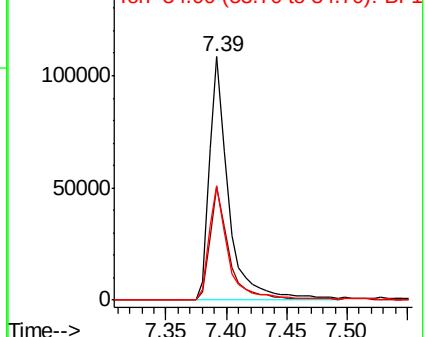


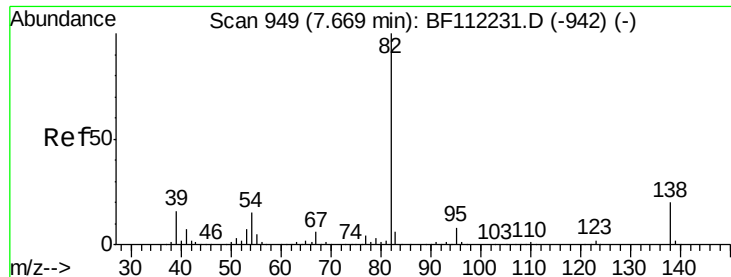
Abundance

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

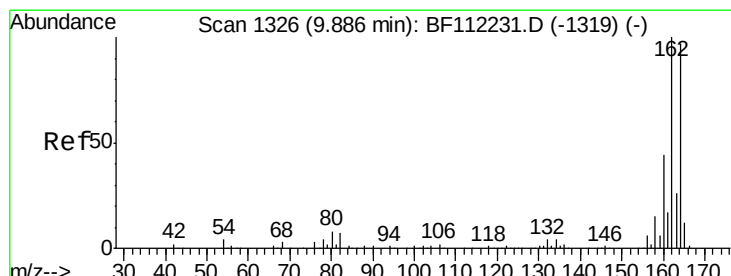
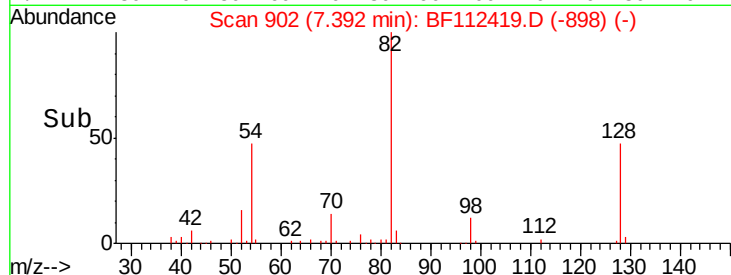
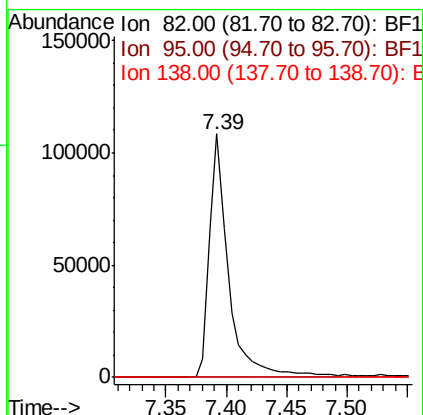
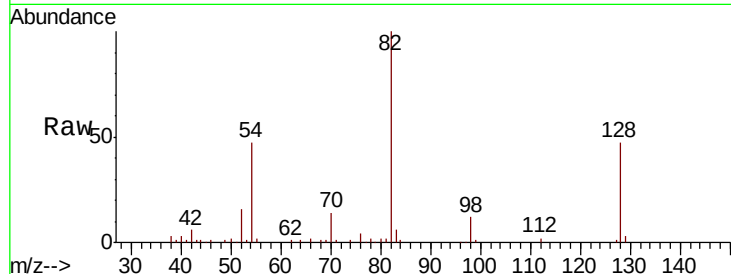




#25
Isophorone
Concen: 7.532 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.28 min
Lab File: BF112419.D
Acq: 6 Feb 2019 14:52

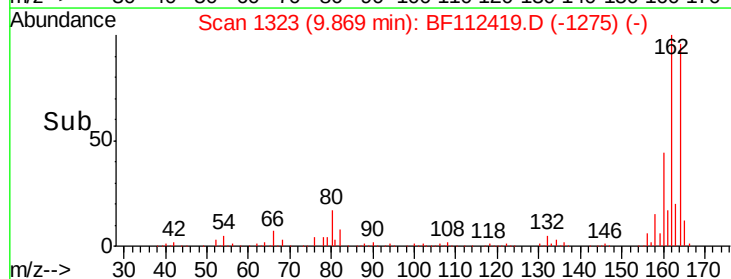
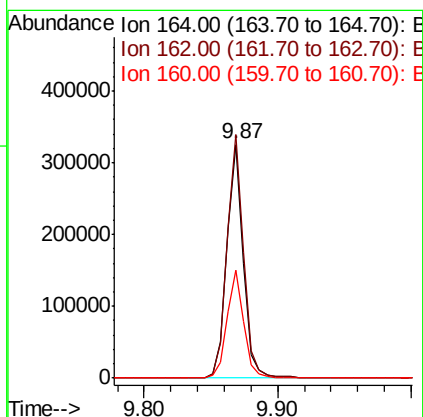
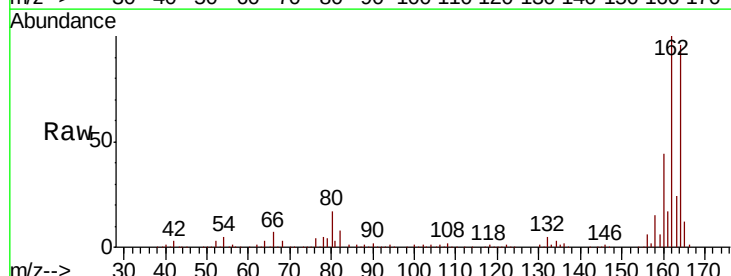
Instrument :
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AU-06-020519-B

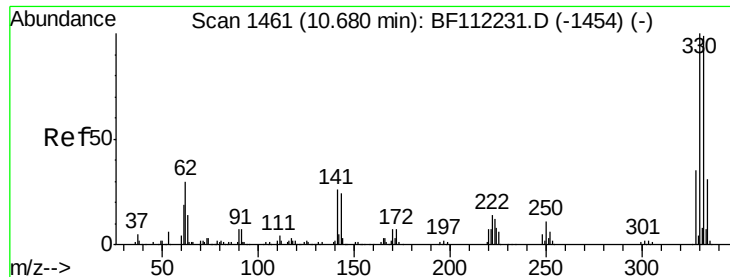
Tgt Ion: 82 Resp: 119292
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.4 23.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112419.D
Acq: 6 Feb 2019 14:52

Tgt Ion: 164 Resp: 285893
Ion Ratio Lower Upper
164 100
162 104.1 82.2 123.4
160 46.2 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 18.054 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112419.D

Acq: 6 Feb 2019 14:52

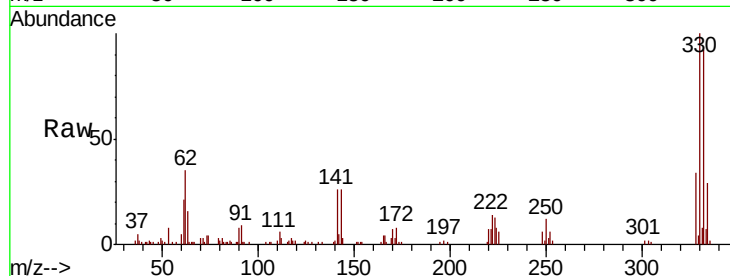
Instrument :

BNA_F

ClientSampleId :

AU-06-020519-B

Tgt Ion:	330	Resp:	60077
Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	114.8
141	33.7	24.3	36.5

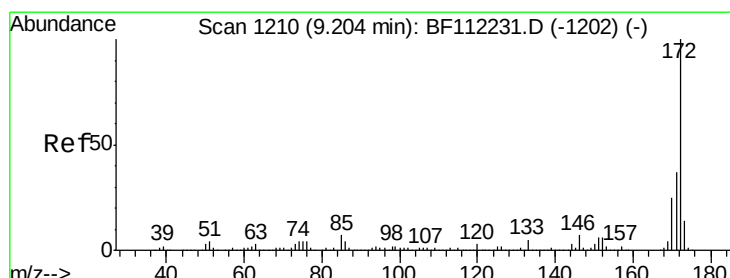
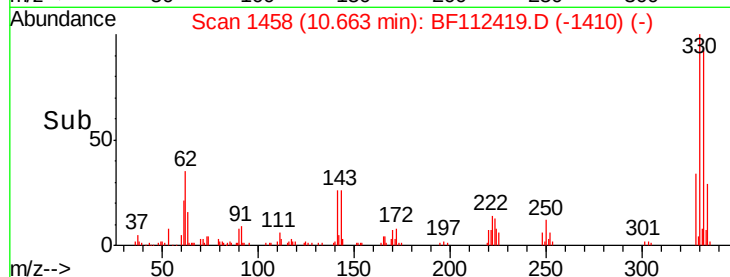
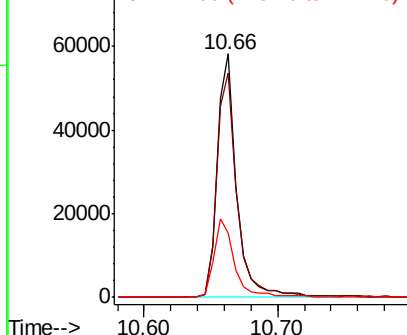


Abundance

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: 12.099 ng

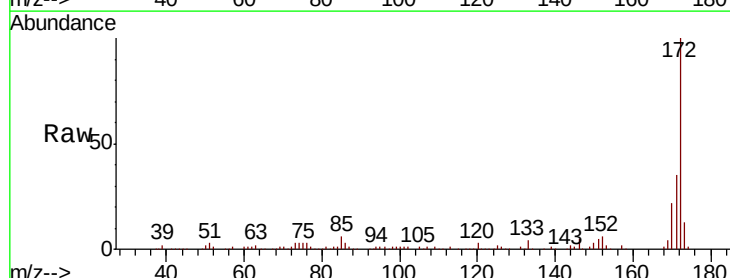
RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF112419.D

Acq: 6 Feb 2019 14:52

Tgt Ion:	172	Resp:	244570
Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.5	45.7
170	21.7	20.2	30.4

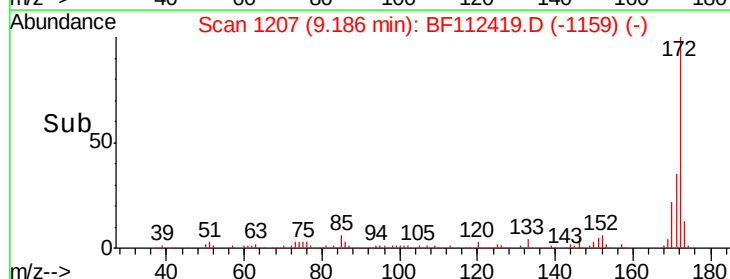
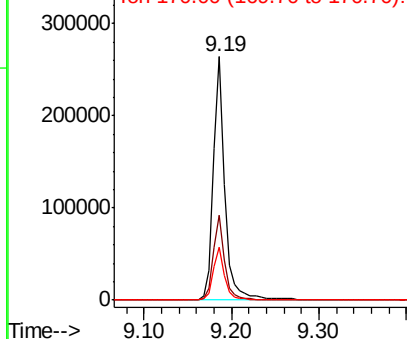


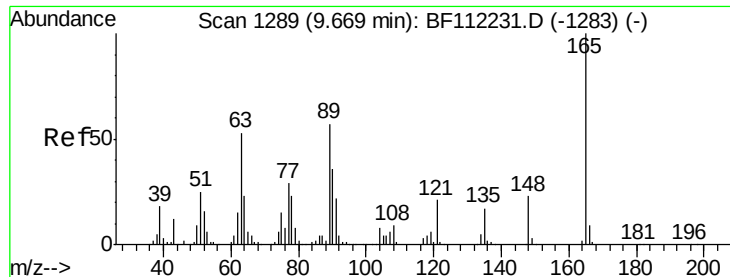
Abundance

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: 7.161 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.20 min

Lab File: BF112419.D

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AU-06-020519-B

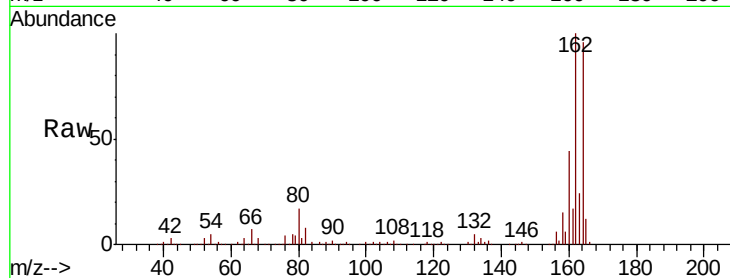
Tgt Ion:165 Resp: 35624

Ion Ratio Lower Upper

165 100

63 1.2 33.8 50.8#

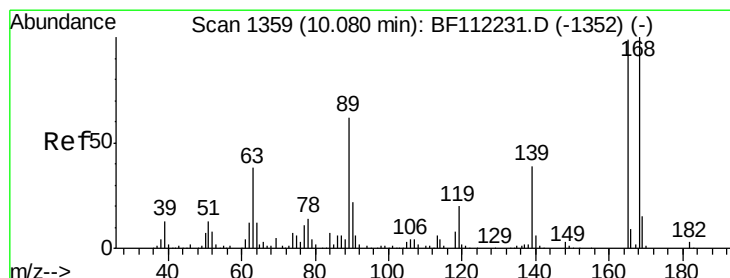
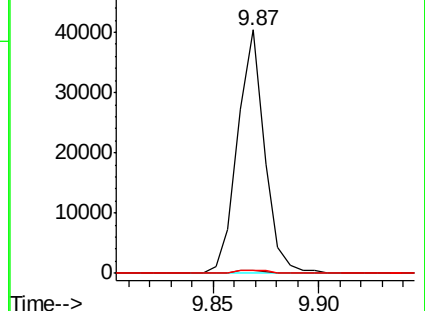
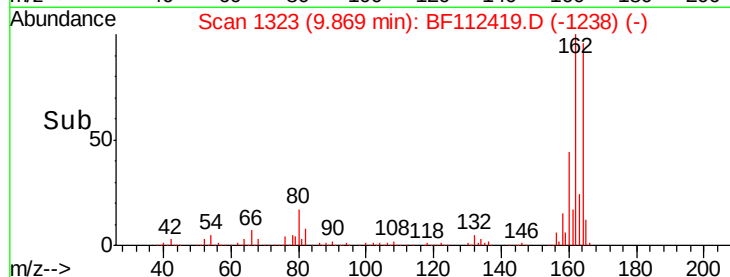
89 1.1 36.9 55.3#



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: 5.625 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.21 min

Lab File: BF112419.D

Acq: 6 Feb 2019 14:52

Tgt Ion:165 Resp: 35624

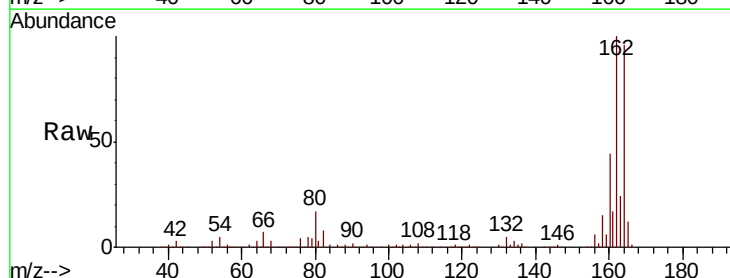
Ion Ratio Lower Upper

165 100

63 1.2 27.9 41.9#

89 1.1 47.9 71.9#

182 0.0 2.2 3.4#

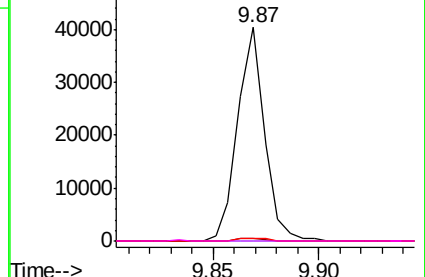
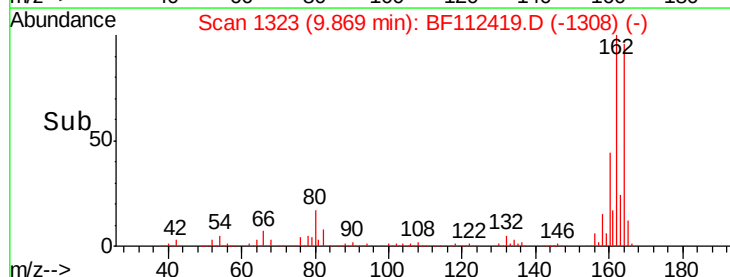


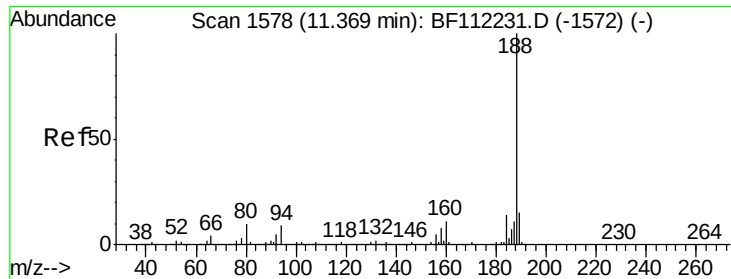
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF112419.D

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AU-06-020519-B

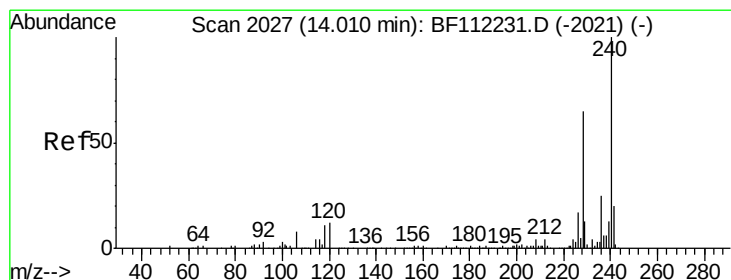
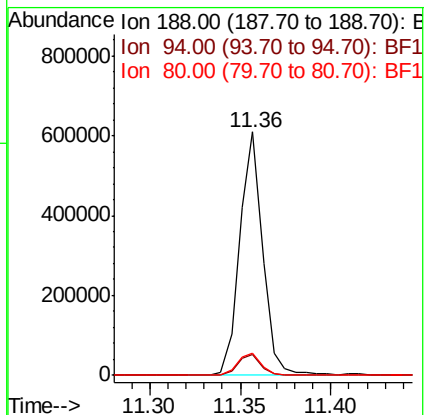
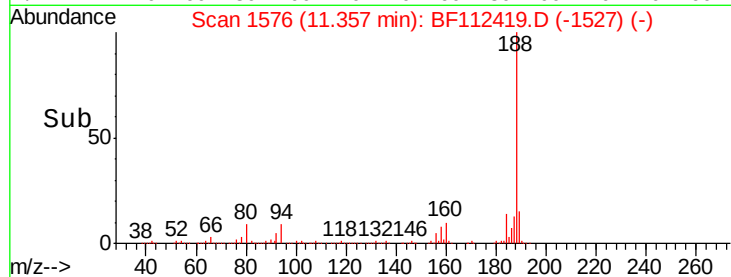
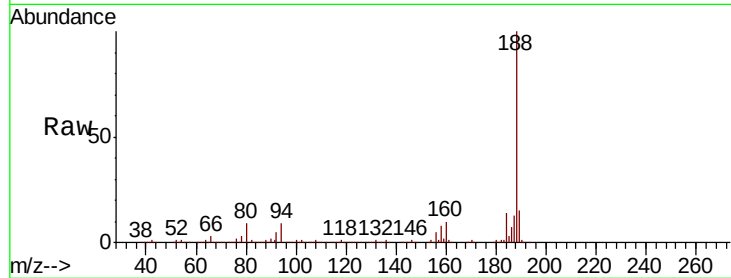
Tgt Ion:188 Resp: 536449

Ion Ratio Lower Upper

188 100

94 8.5 8.2 12.2

80 9.1 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112419.D

Acq: 6 Feb 2019 14:52

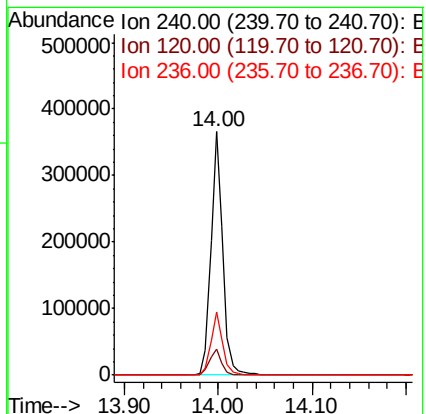
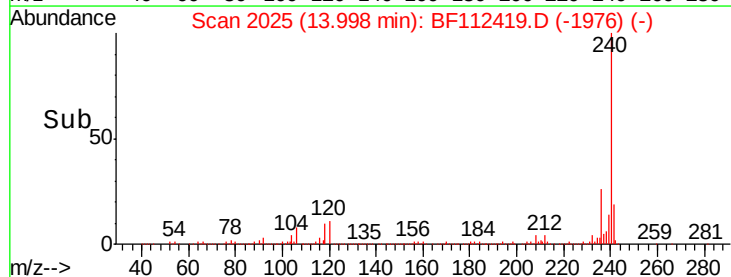
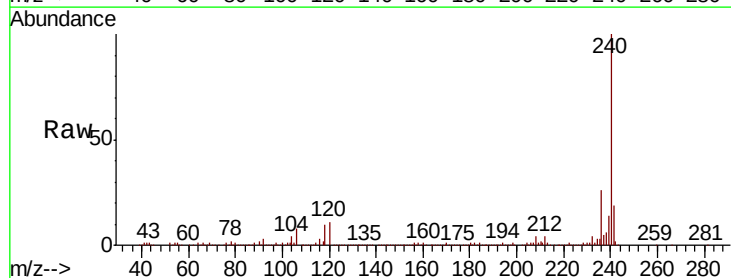
Tgt Ion:240 Resp: 328582

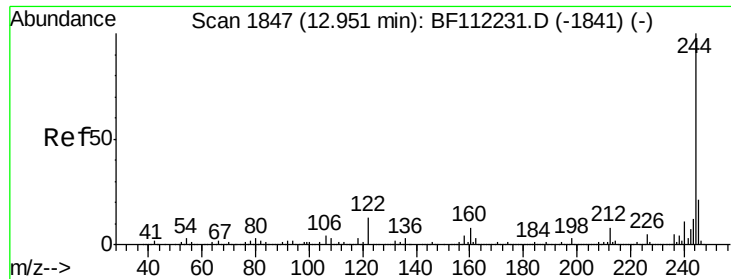
Ion Ratio Lower Upper

240 100

120 10.8 9.0 13.6

236 26.1 20.7 31.1

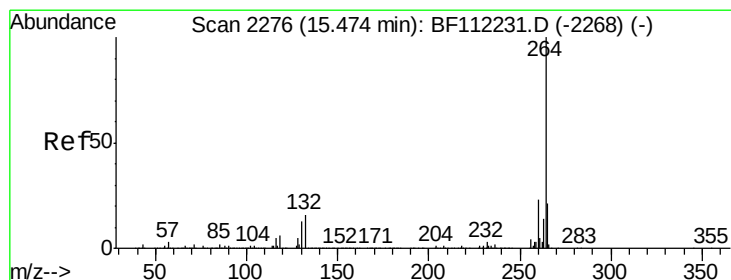
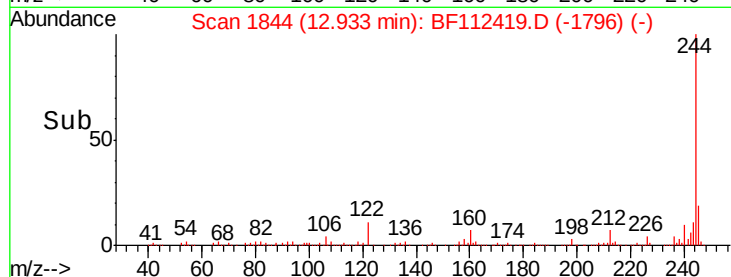
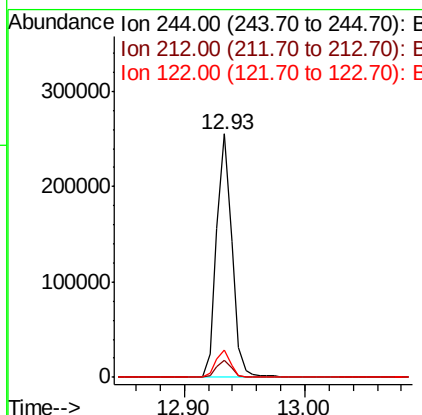
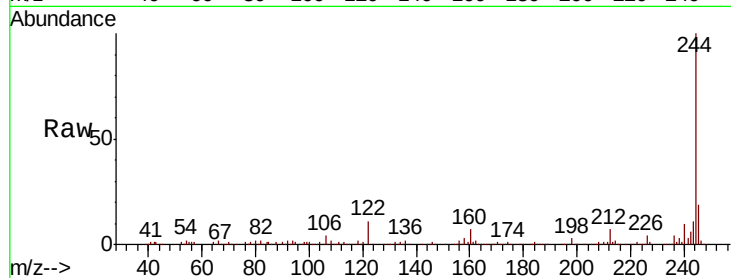




#79
 Terphenyl-d14
 Concen: 12.719 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF112419.D
 Acq: 6 Feb 2019 14:52

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

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	11.3	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: BF112419.D
 Acq: 6 Feb 2019 14:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.2
265	20.8	17.0	25.4

