

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020619\
 Data File : BF112426.D
 Acq On : 6 Feb 2019 18:04
 Operator : JU/SJ
 Sample : K1338-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Feb 06 23:54:29 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

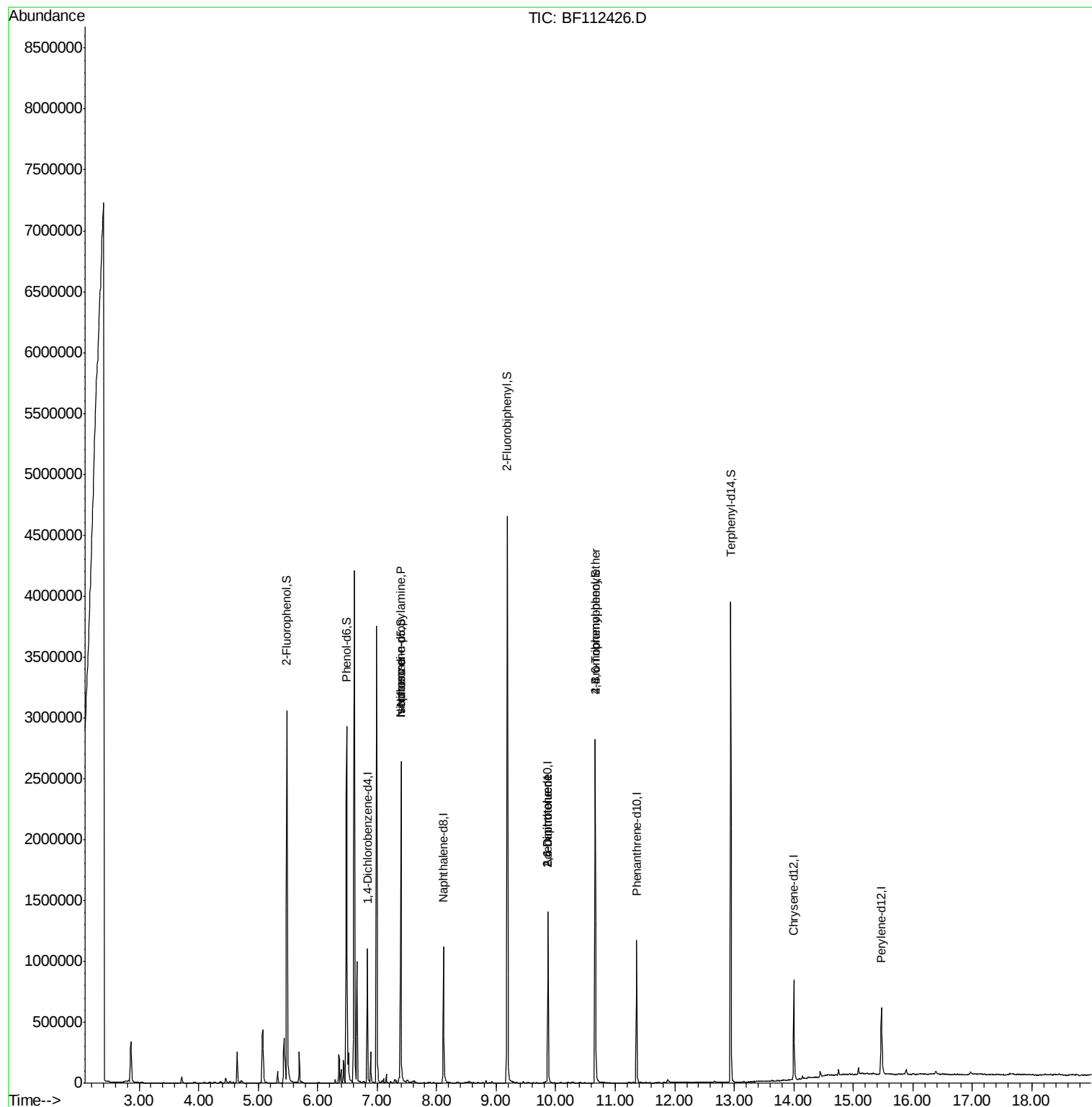
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	162053	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	597113	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	268904	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	424447	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	319395	20.00	ng	0.00
87) Perylene-d12	15.47	264	296501	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	979674	128.41	ng	0.00
7) Phenol-d6	6.49	99	1055123	99.53	ng	0.00
23) Nitrobenzene-d5	7.40	82	889651	85.85	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	363267	116.06	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1716022	90.26	ng	-0.01
79) Terphenyl-d14	12.94	244	1302989	76.84	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	120014	16.418	ng	# 76
25) Isophorone	7.40	82	889639	54.722	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	34757	7.428	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	34757	5.835	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	22100	4.427	ng	# 1

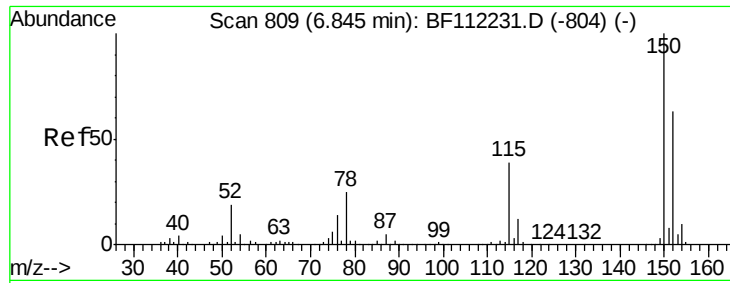
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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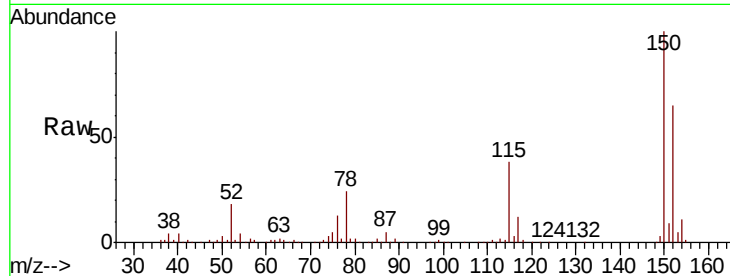


#1

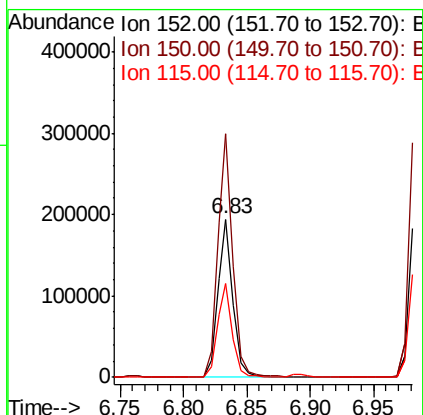
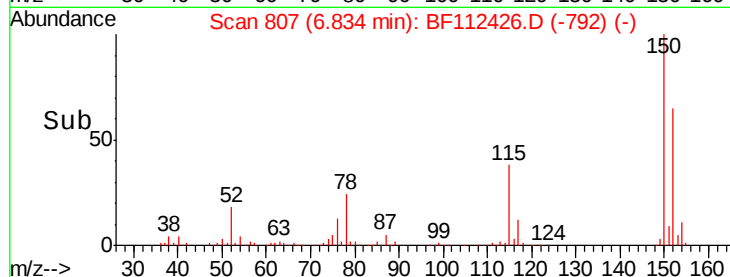
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF112426.D
 Acq: 6 Feb 2019 18:04

Instrument :
 BNA_F
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 AU-06-020519-C

Tgt Ion:152 Resp: 162053
 Ion Ratio Lower Upper
 152 100
 150 153.7 127.4 191.0
 115 59.0 45.5 68.3



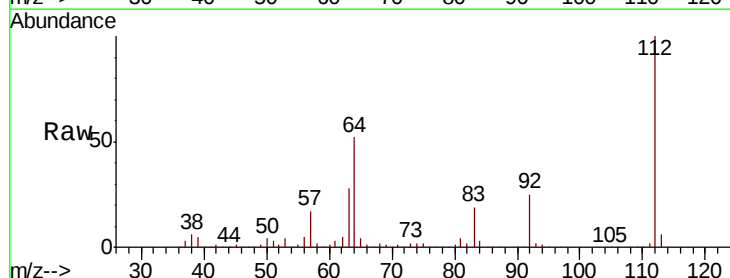
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



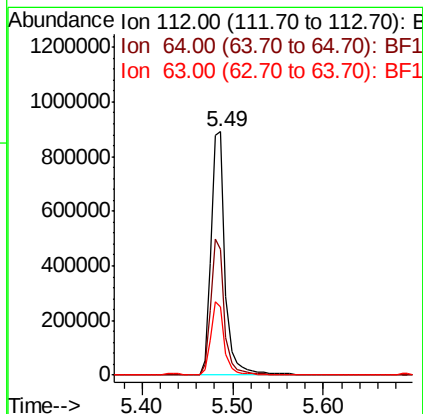
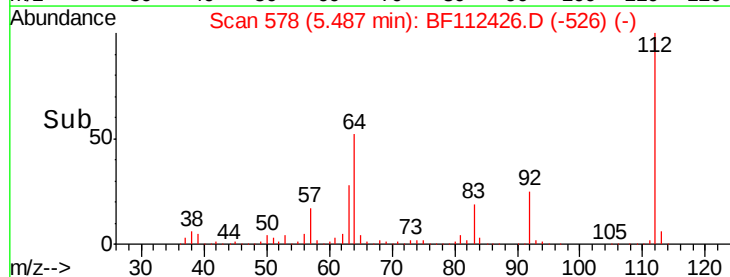
#5

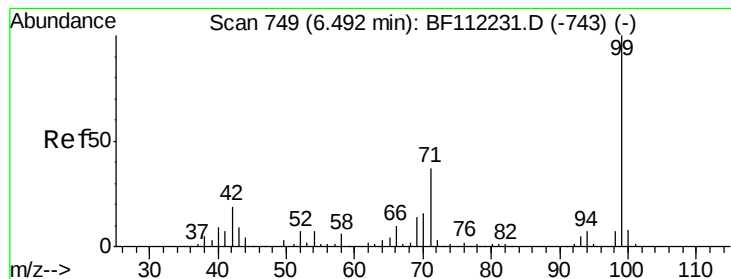
2-Fluorophenol
 Concen: 128.408 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF112426.D
 Acq: 6 Feb 2019 18:04

Tgt Ion:112 Resp: 979674
 Ion Ratio Lower Upper
 112 100
 64 51.9 45.7 68.5
 63 27.9 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: 99.527 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112426.D

Acq: 6 Feb 2019 18:04

Instrument :

BNA_F

ClientSampleId :

AU-06-020519-C

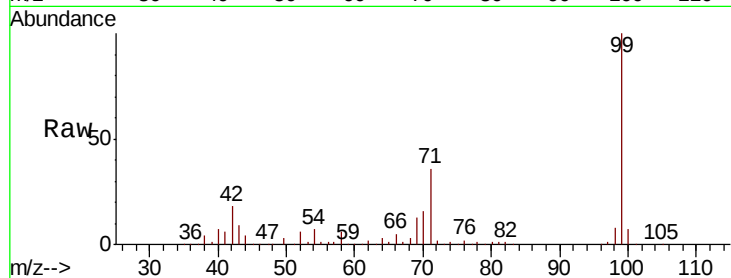
Tgt Ion: 99 Resp: 1055123

Ion Ratio Lower Upper

99 100

42 18.1 15.1 22.7

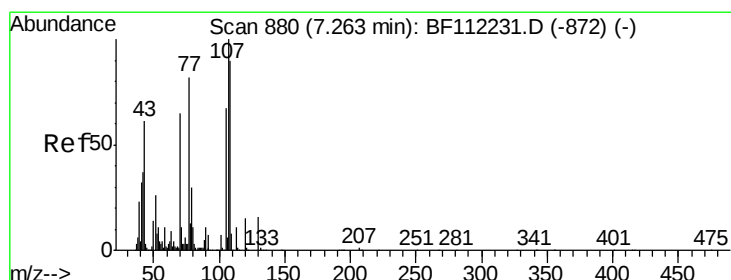
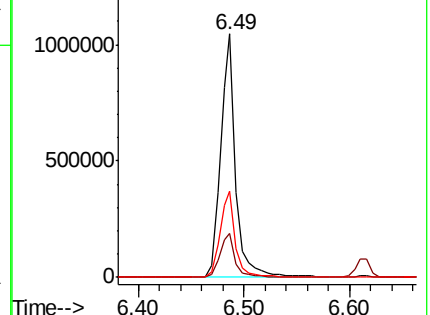
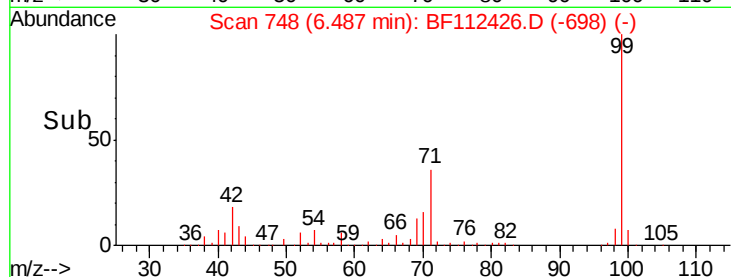
71 35.6 26.9 40.3



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: 16.418 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF112426.D

Acq: 6 Feb 2019 18:04

Tgt Ion: 70 Resp: 120014

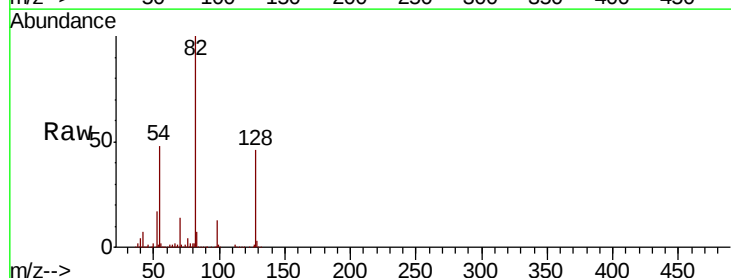
Ion Ratio Lower Upper

70 100

42 47.8 47.6 71.4

101 0.0 7.9 11.9#

130 2.0 18.4 27.6#

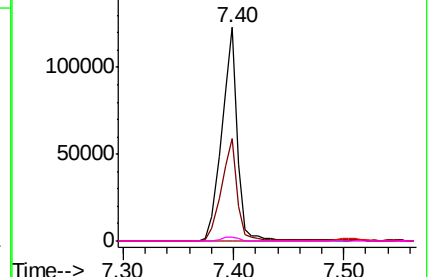
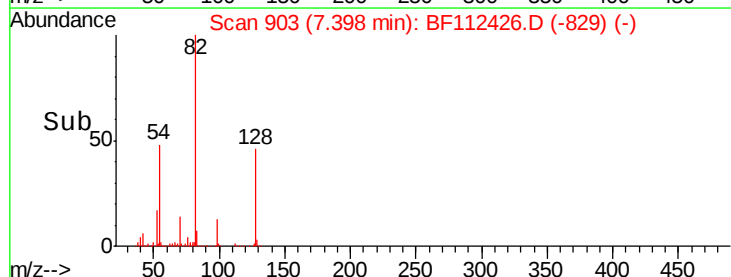


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

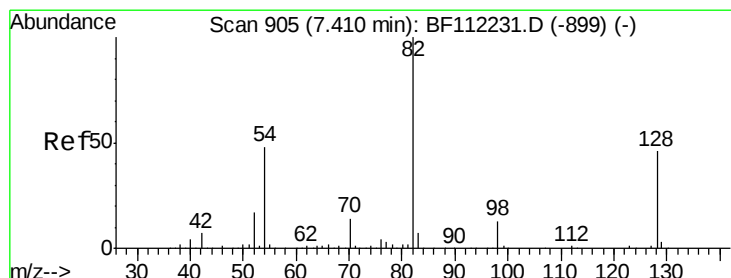
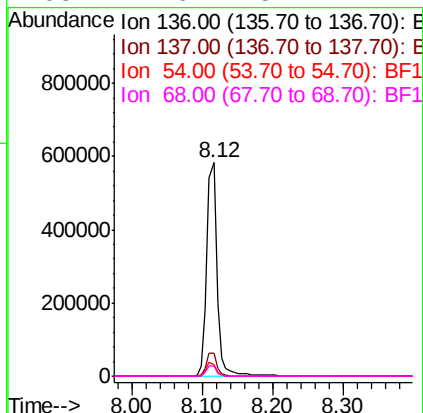
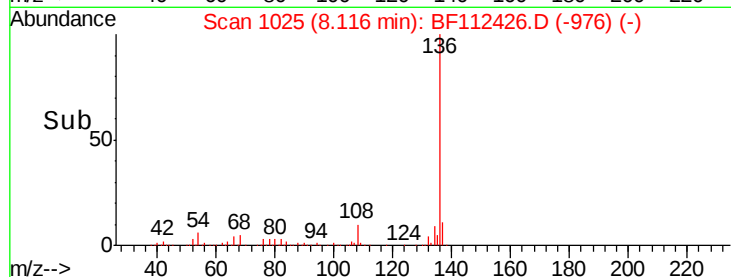
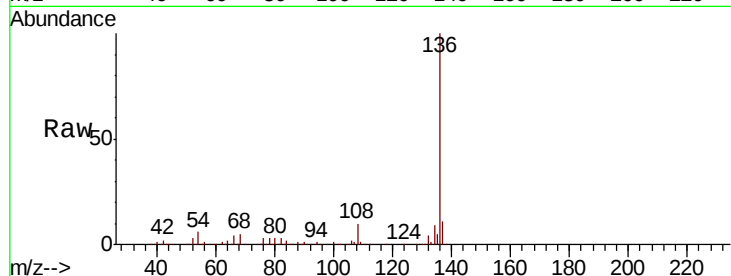




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112426.D
Acq: 6 Feb 2019 18:04

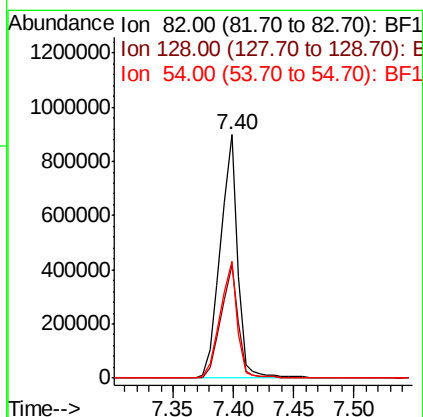
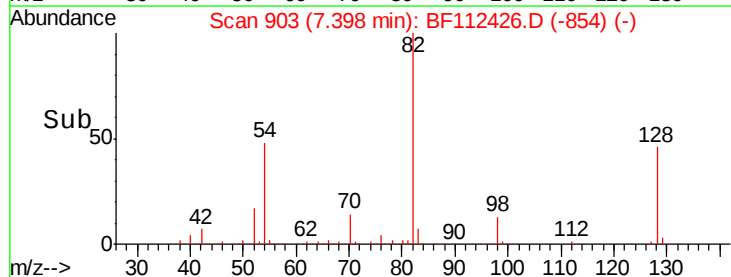
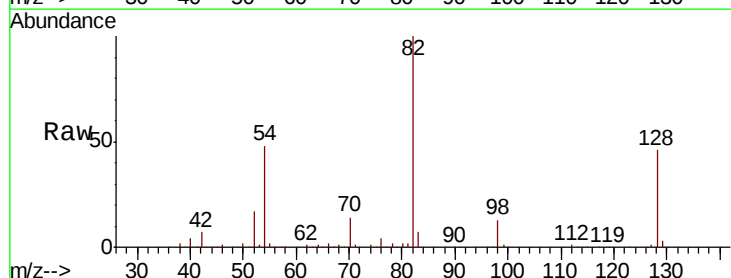
Instrument :
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AU-06-020519-C

Tgt Ion:	136	Resp:	597113
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	5.6	5.9	8.9#
68	4.6	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 85.849 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112426.D
Acq: 6 Feb 2019 18:04

Tgt Ion:	82	Resp:	889651
Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.8	56.8
54	48.1	39.7	59.5

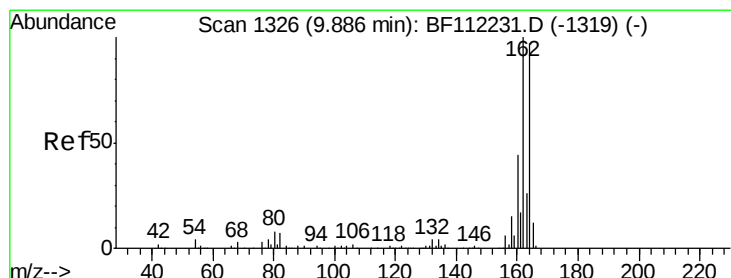
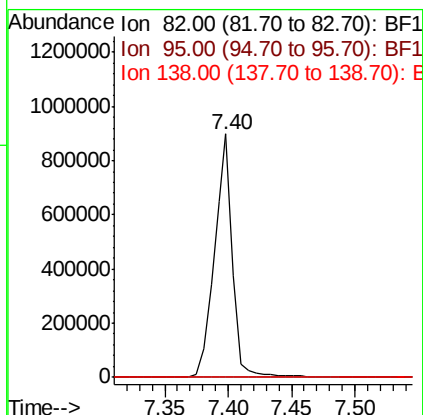
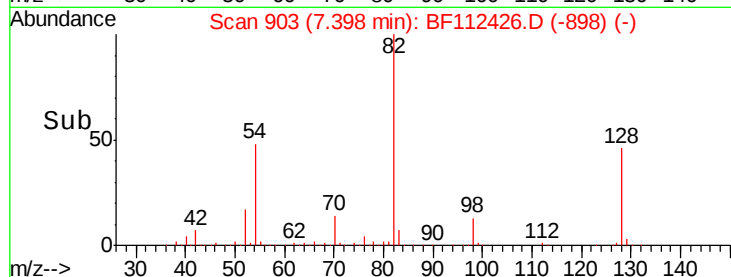
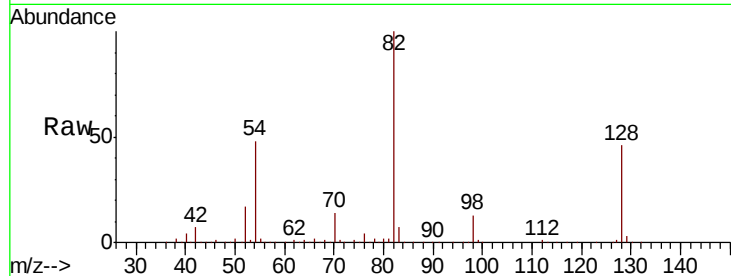




#25
Isophorone
Concen: 54.722 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112426.D
Acq: 6 Feb 2019 18:04

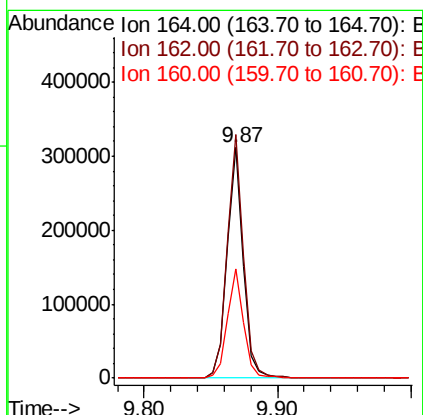
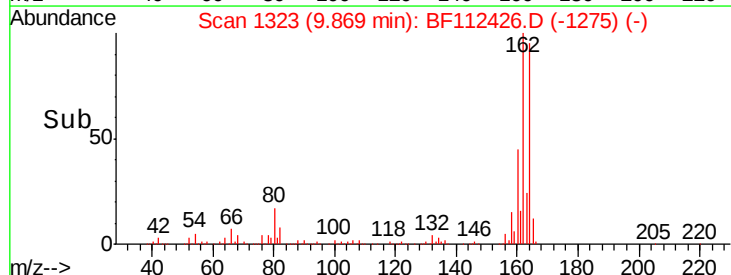
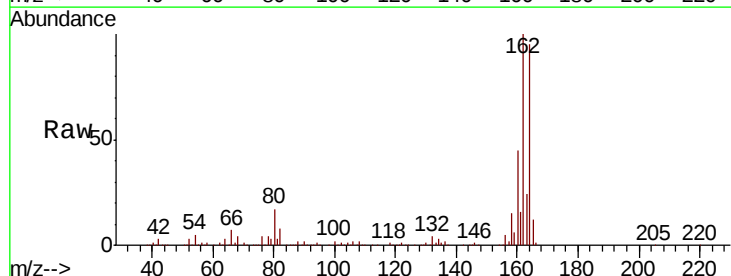
Instrument :
BNA_F
ClientSampleId :
AU-06-020519-C

Tgt Ion: 82 Resp: 889639
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: BF112426.D
Acq: 6 Feb 2019 18:04

Tgt Ion: 164 Resp: 268904
Ion Ratio Lower Upper
164 100
162 105.7 82.2 123.4
160 47.4 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 116.061 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112426.D

Acq: 6 Feb 2019 18:04

Instrument :

BNA_F

ClientSampleId :

AU-06-020519-C

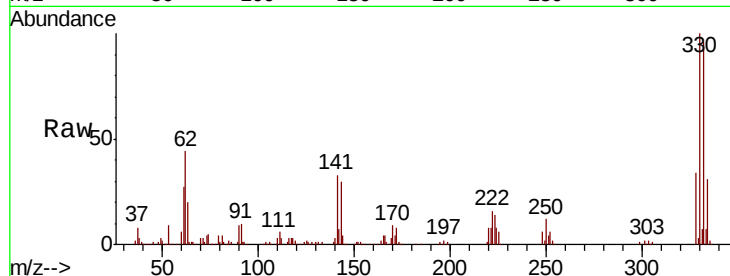
Tgt Ion:330 Resp: 363267

Ion Ratio Lower Upper

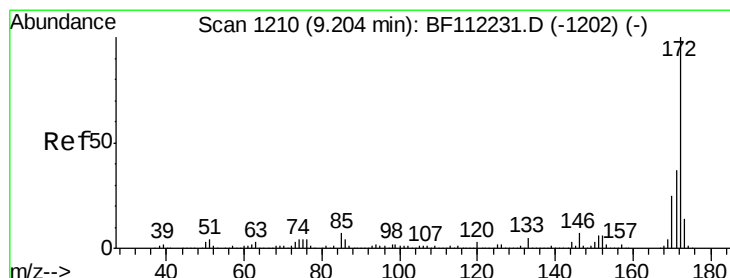
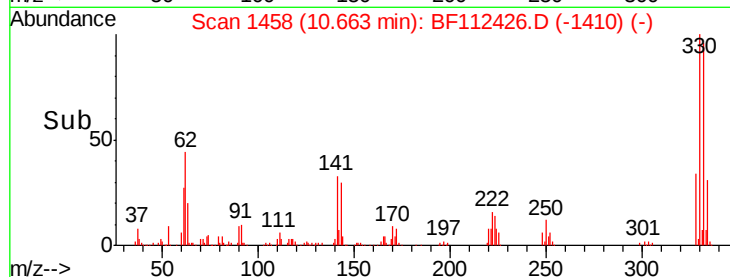
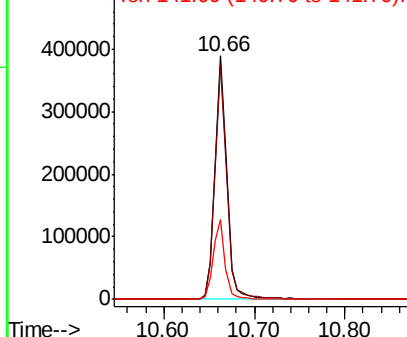
330 100

332 96.2 76.6 114.8

141 32.4 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: 90.256 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112426.D

Acq: 6 Feb 2019 18:04

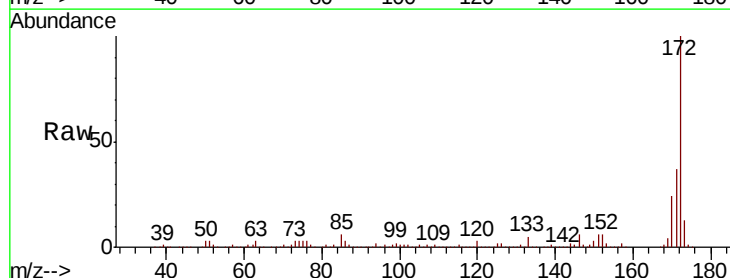
Tgt Ion:172 Resp: 1716022

Ion Ratio Lower Upper

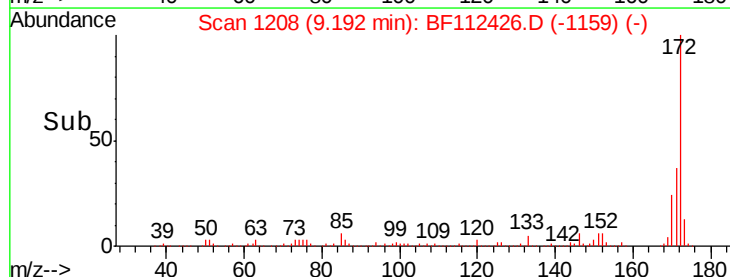
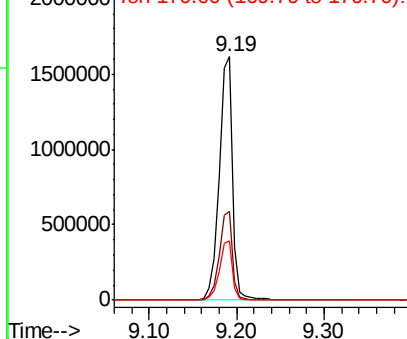
172 100

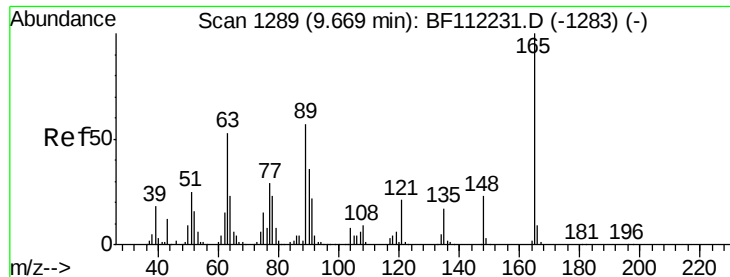
171 36.6 30.5 45.7

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: 7.428 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.20 min

Lab File: BF112426.D

Acq: 6 Feb 2019 18:04

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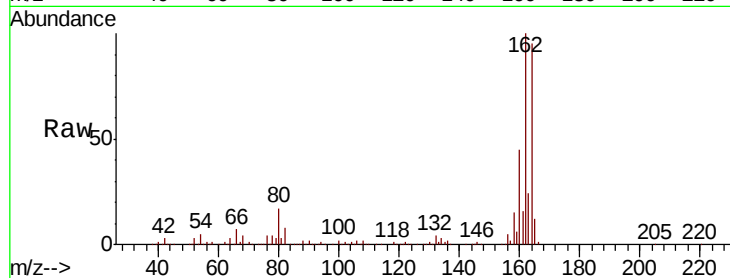
Tgt Ion:165 Resp: 34757

Ion Ratio Lower Upper

165 100

63 1.2 33.8 50.8#

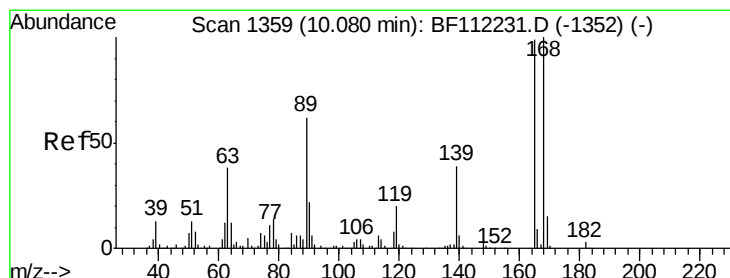
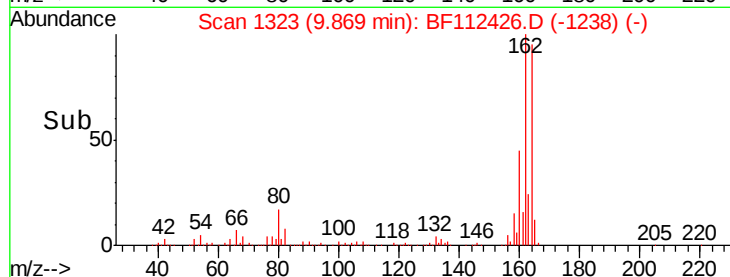
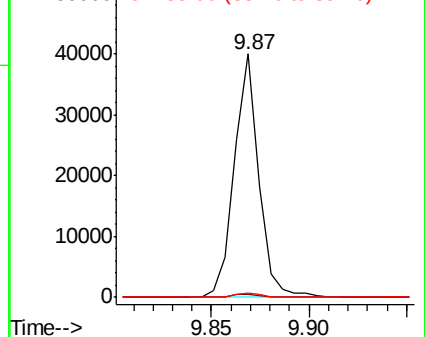
89 1.6 36.9 55.3#



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: 5.835 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.21 min

Lab File: BF112426.D

Acq: 6 Feb 2019 18:04

Tgt Ion:165 Resp: 34757

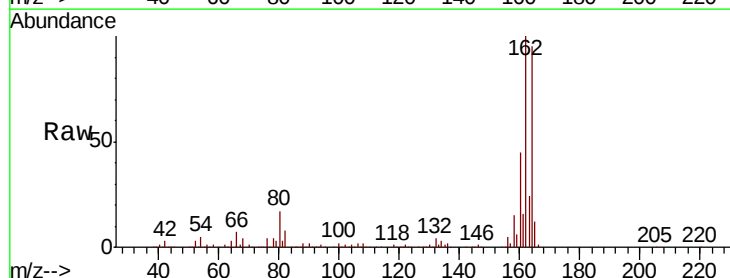
Ion Ratio Lower Upper

165 100

63 1.2 27.9 41.9#

89 1.6 47.9 71.9#

182 0.0 2.2 3.4#

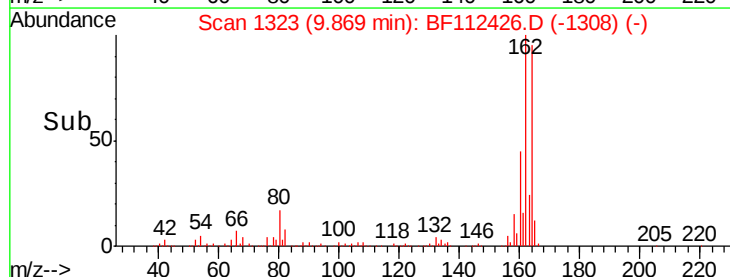
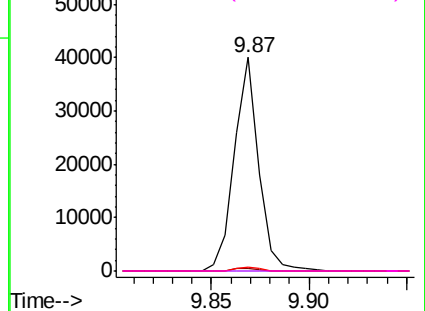


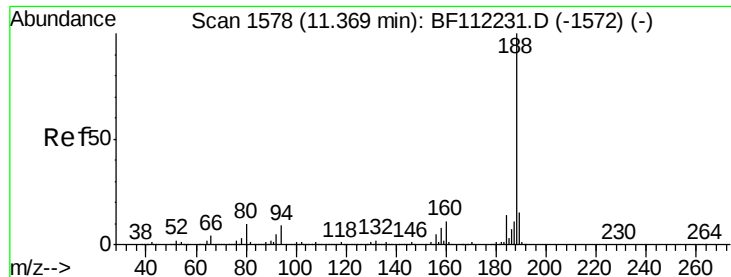
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF112426.D

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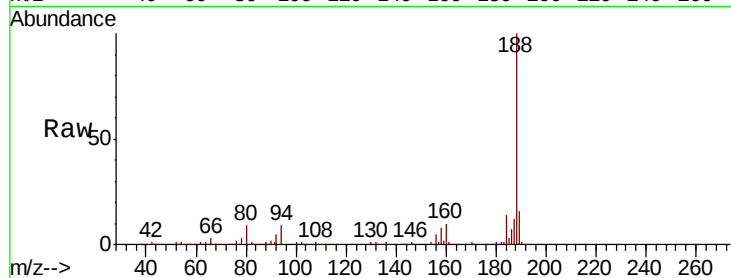
Tgt Ion:188 Resp: 424447

Ion Ratio Lower Upper

188 100

94 8.5 8.2 12.2

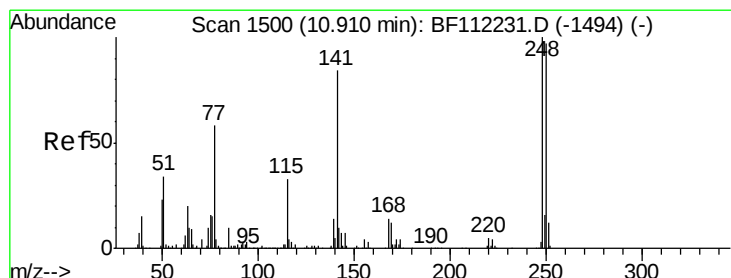
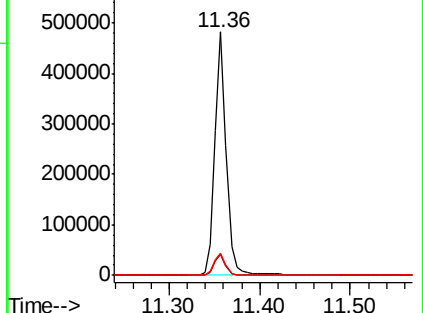
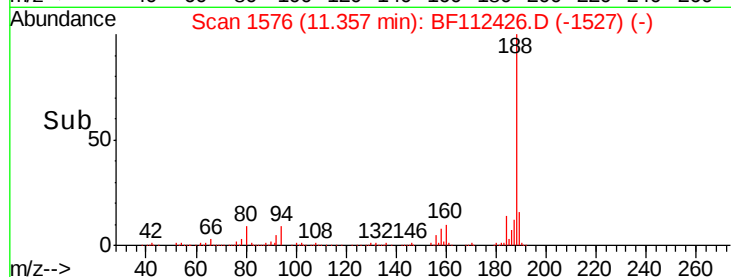
80 9.3 8.9 13.3



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



#67

4-Bromophenyl-phenylether

Concen: 4.427 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF112426.D

Acq: 6 Feb 2019 18:04

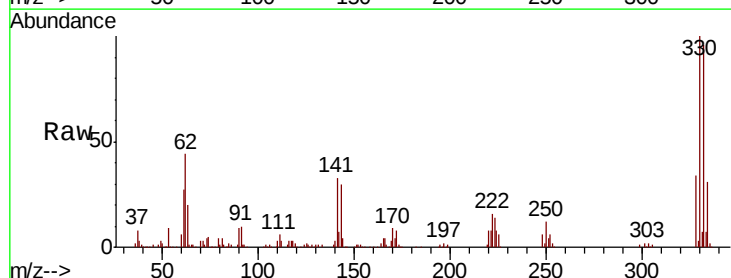
Tgt Ion:248 Resp: 22100

Ion Ratio Lower Upper

248 100

250 192.8 79.7 119.5#

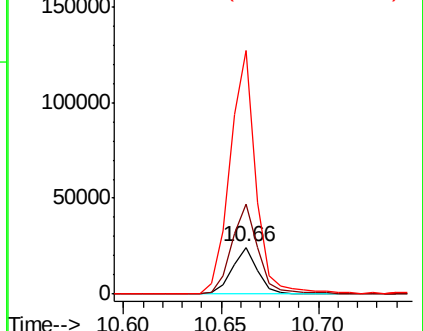
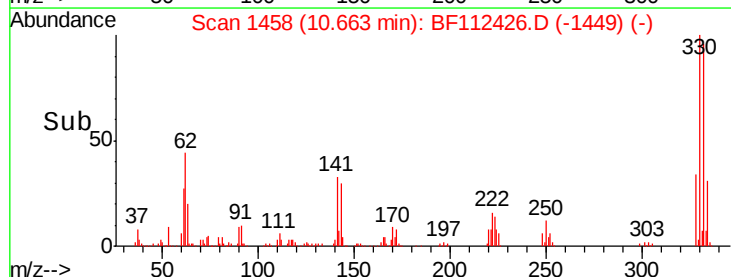
141 521.5 60.3 90.5#

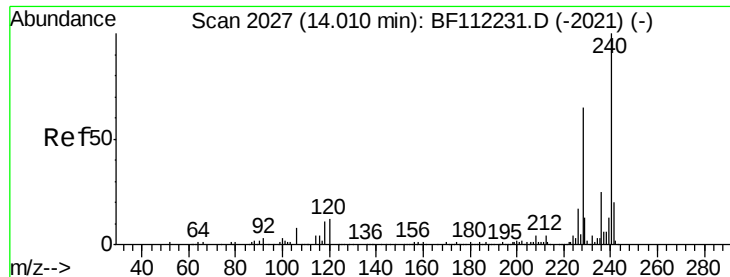


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF112426.D

Acq: 6 Feb 2019 18:04

Instrument :

BNA_F

ClientSampleId :

AU-06-020519-C

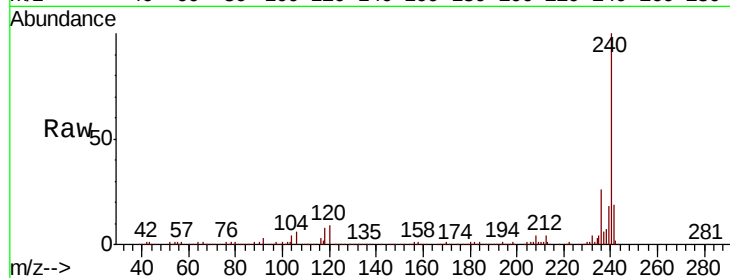
Tgt Ion:240 Resp: 319395

Ion Ratio Lower Upper

240 100

120 9.5 9.0 13.6

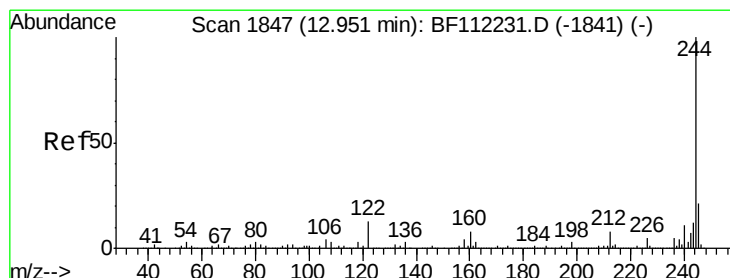
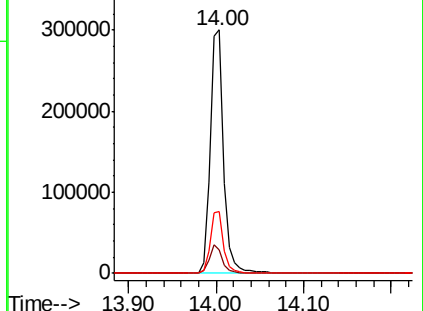
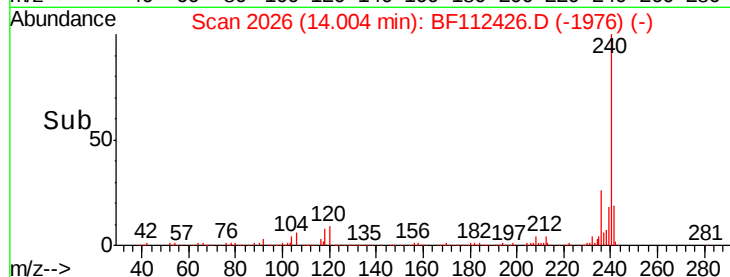
236 25.6 20.7 31.1



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: 76.836 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112426.D

Acq: 6 Feb 2019 18:04

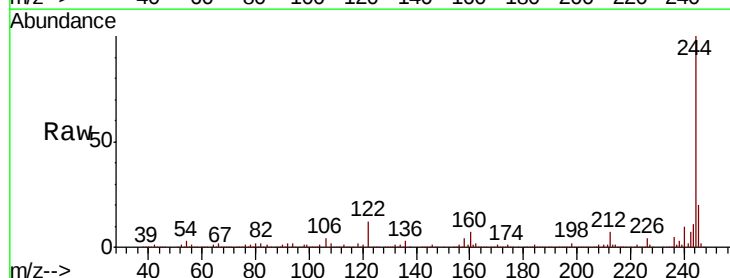
Tgt Ion:244 Resp: 1302989

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

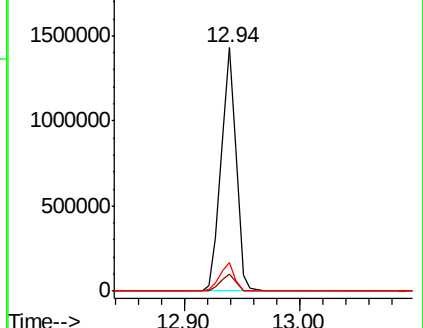
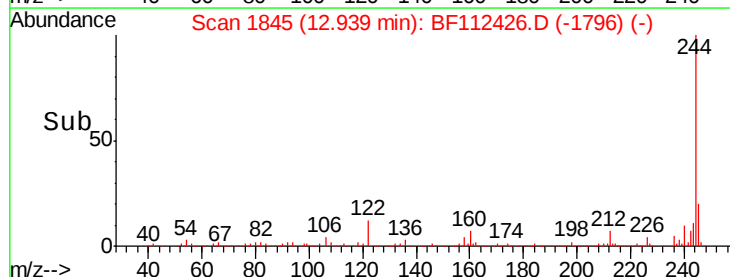
122 11.6 9.8 14.6

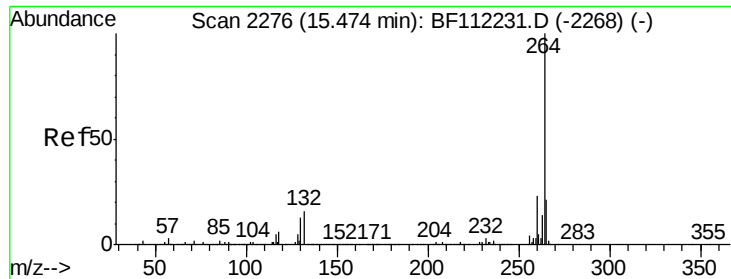


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF112426.D
Acq: 6 Feb 2019 18:04

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.2
265	21.6	17.0	25.4

