

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022119\
 Data File : BF112661.D
 Acq On : 21 Feb 2019 19:07
 Operator : JU/SJ
 Sample : K1344-03RE 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-022019-BRE

Quant Time: Feb 21 21:49:17 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

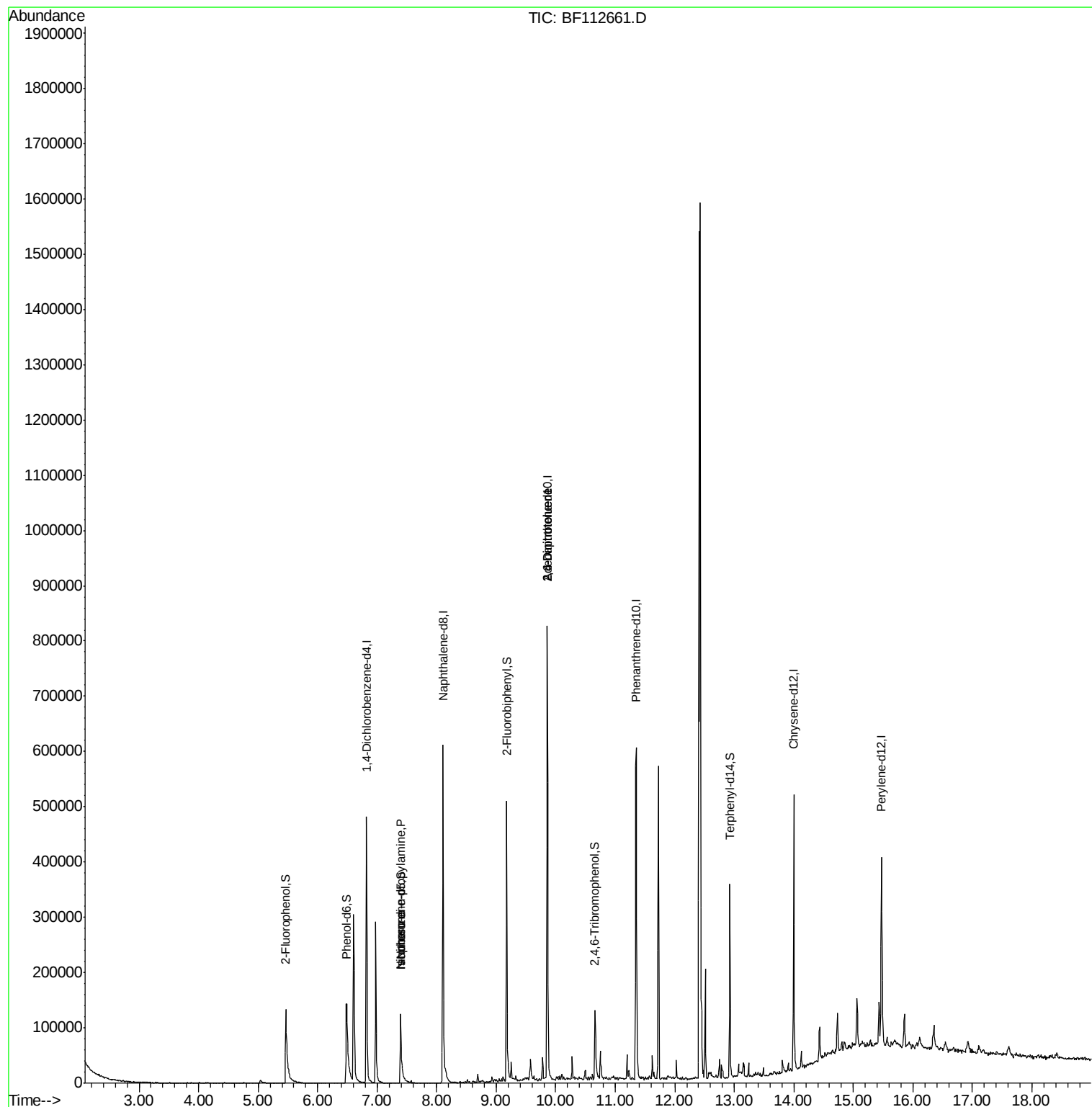
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	82949	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	344421	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	164814	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	268367	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	168402	20.00	ng	-0.01
87) Perylene-d12	15.47	264	171266	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	88433	22.64	ng	-0.02
7) Phenol-d6	6.49	99	117287	21.61	ng	0.00
23) Nitrobenzene-d5	7.39	82	75800	12.68	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	24785	12.92	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	179648	15.42	ng	-0.03
79) Terphenyl-d14	12.93	244	125870	14.08	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	10006	2.674	ng	# 75
25) Isophorone	7.39	82	75800	8.083	ng	# 63
51) 2,6-Dinitrotoluene	9.86	165	21675	7.558	ng	# 33
57) 2,4-Dinitrotoluene	9.86	165	21675	5.937	ng	# 31

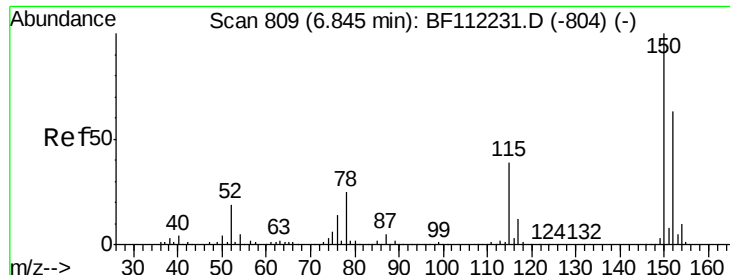
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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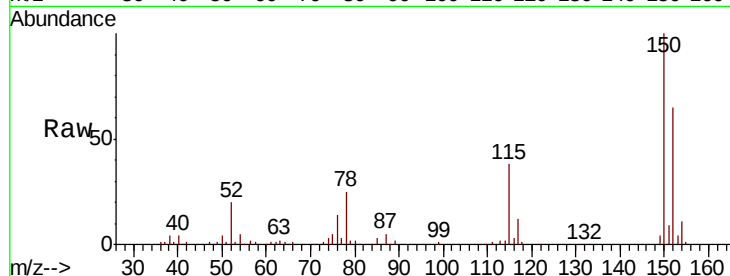


#1

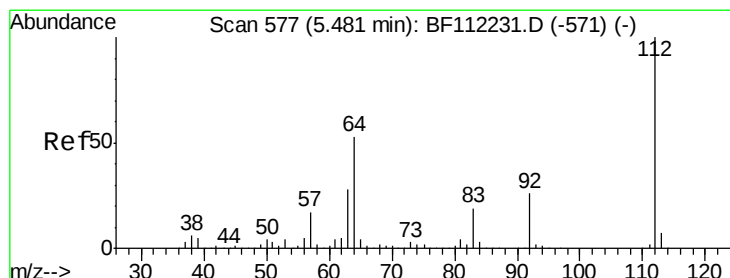
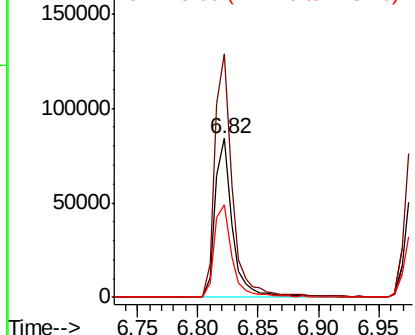
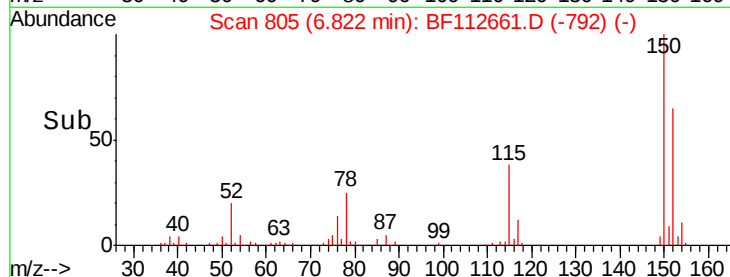
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112661.D
Acq: 21 Feb 2019 19:07

Instrument :
BNA_F
ClientSampleId :
NB-08-022019-BRE

Tgt Ion:152 Resp: 82949
Ion Ratio Lower Upper
152 100
150 153.1 127.4 191.0
115 58.3 45.5 68.3



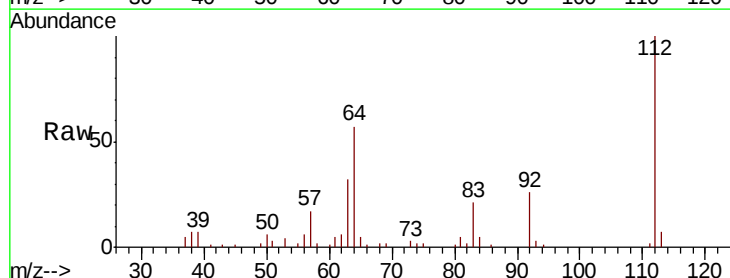
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



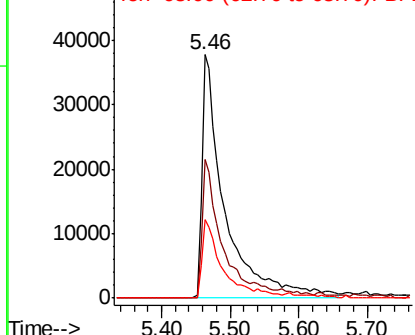
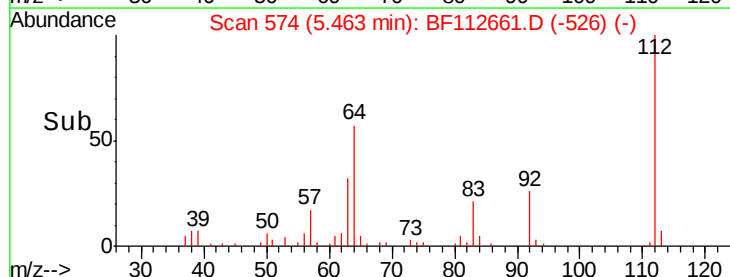
#5

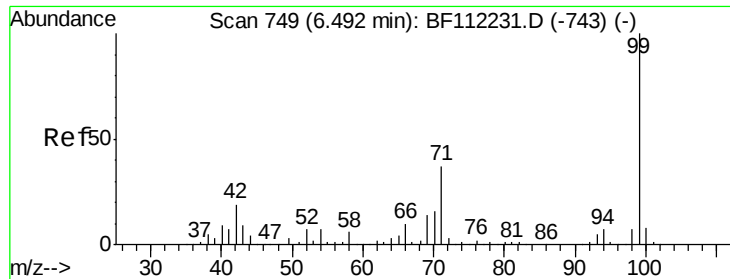
2-Fluorophenol
Concen: 22.645 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112661.D
Acq: 21 Feb 2019 19:07

Tgt Ion:112 Resp: 88433
Ion Ratio Lower Upper
112 100
64 56.9 45.7 68.5
63 32.0 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: 21.614 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112661.D

Acq: 21 Feb 2019 19:07

Instrument :

BNA_F

ClientSampleId :

NB-08-022019-BRE

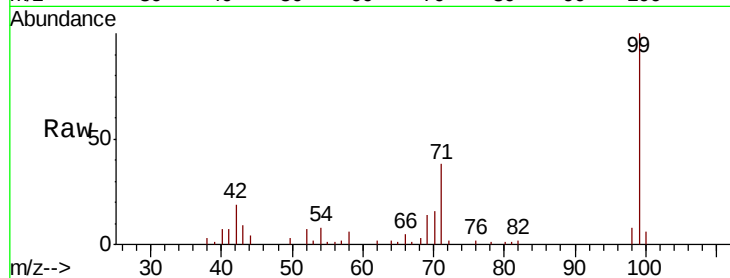
Tgt Ion: 99 Resp: 117287

Ion Ratio Lower Upper

99 100

42 18.5 15.1 22.7

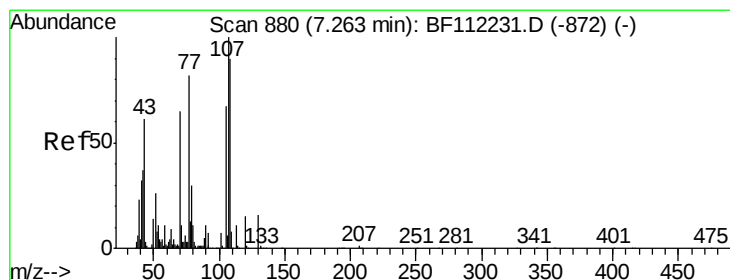
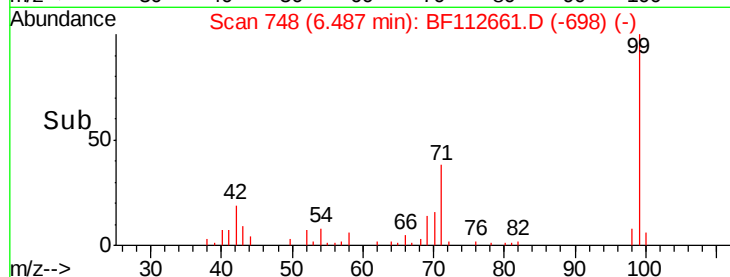
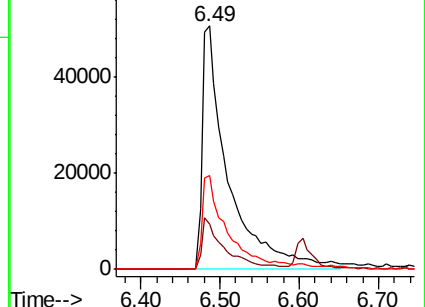
71 38.3 26.9 40.3



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: 2.674 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.13 min

Lab File: BF112661.D

Acq: 21 Feb 2019 19:07

Tgt Ion: 70 Resp: 10006

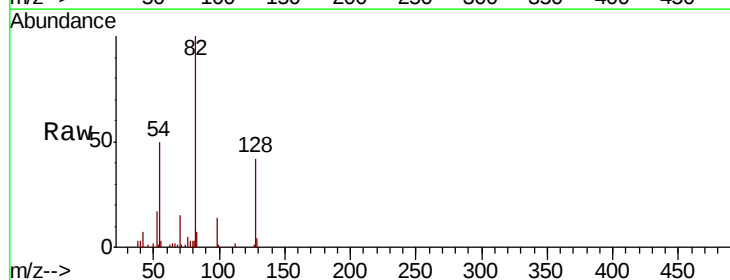
Ion Ratio Lower Upper

70 100

42 47.0 47.6 71.4#

101 0.0 7.9 11.9#

130 0.0 18.4 27.6#

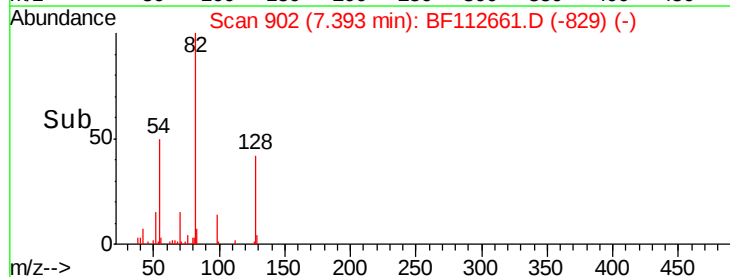
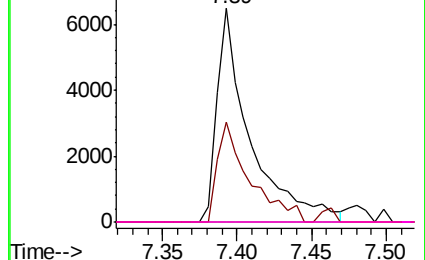


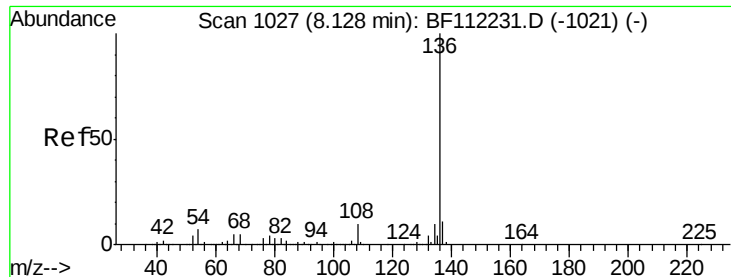
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

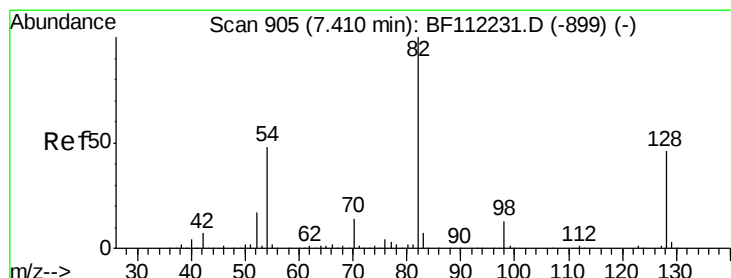
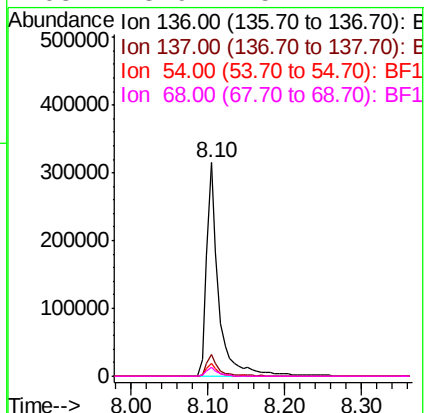
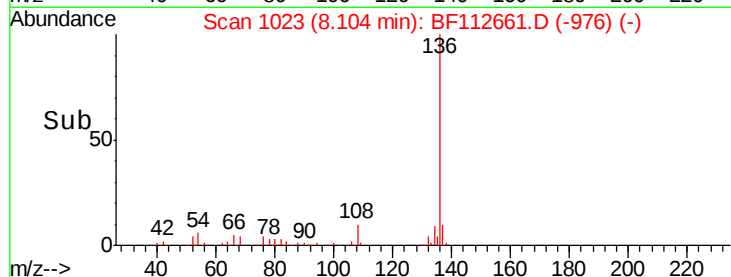
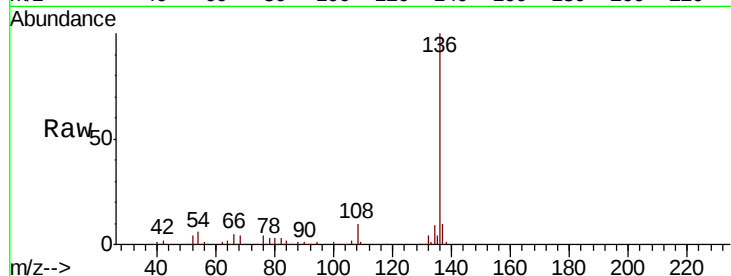




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF112661.D
Acq: 21 Feb 2019 19:07

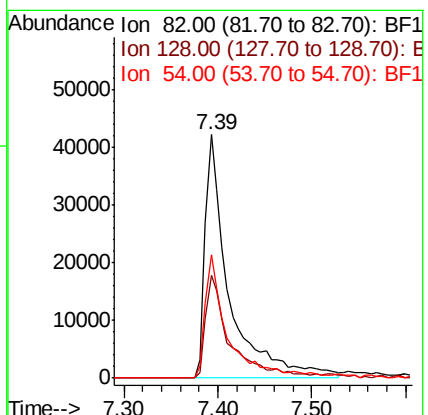
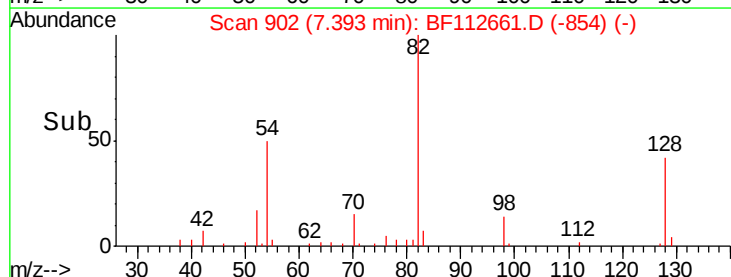
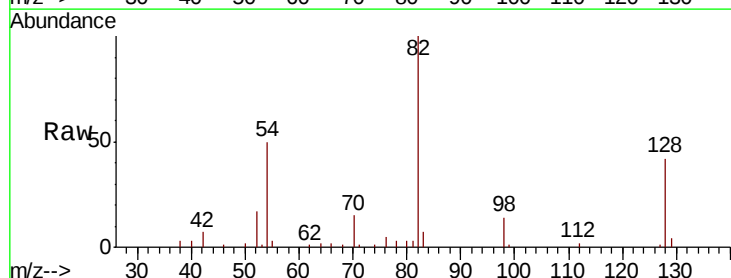
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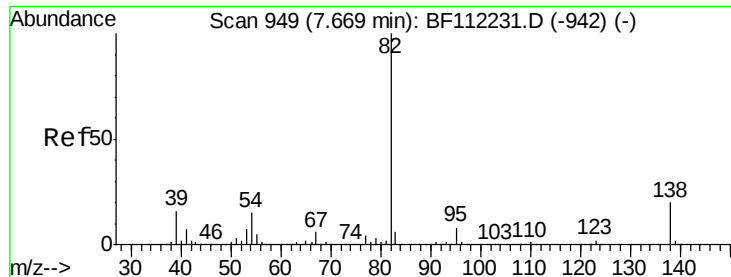
Tgt Ion:	136	Resp:	344421
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.1	13.7
54	6.2	5.9	8.9
68	3.9	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 12.681 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112661.D
Acq: 21 Feb 2019 19:07

Tgt Ion:	82	Resp:	75800
Ion	Ratio	Lower	Upper
82	100		
128	42.5	37.8	56.8
54	50.5	39.7	59.5

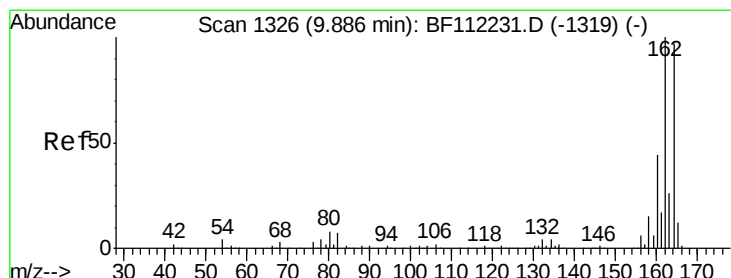
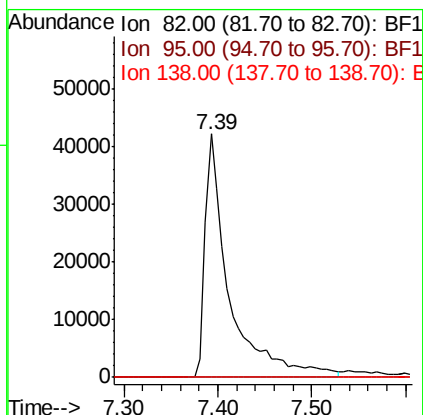
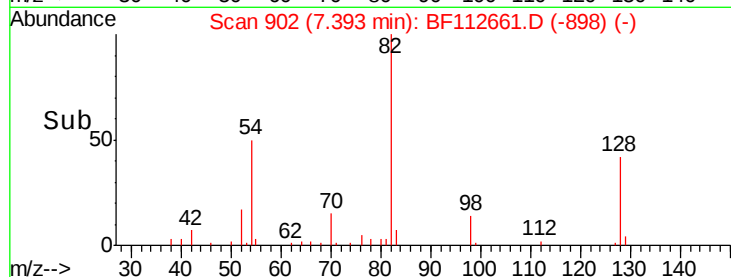
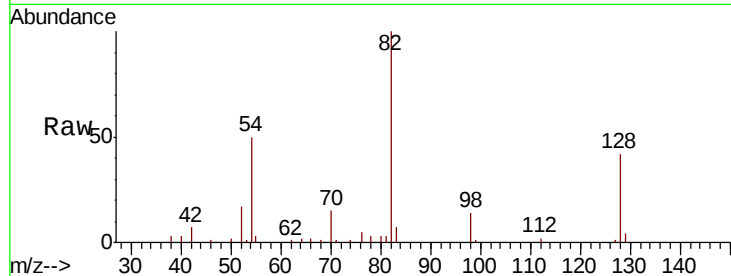




#25
Isophorone
Concen: 8.083 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.28 min
Lab File: BF112661.D
Acq: 21 Feb 2019 19:07

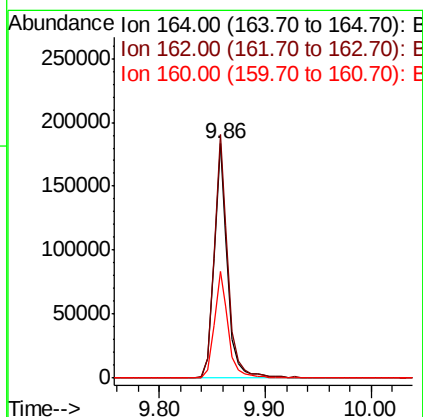
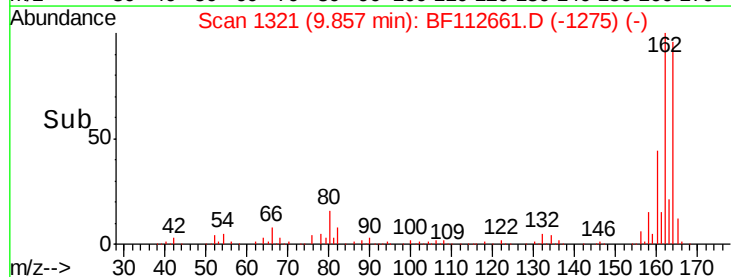
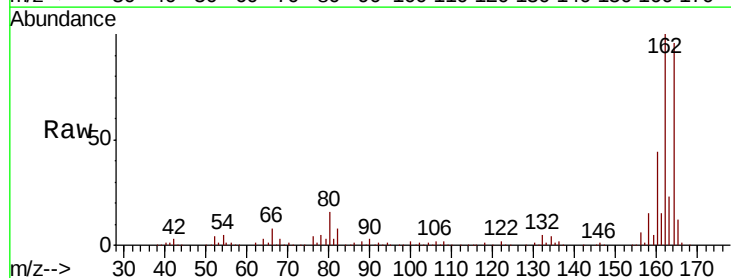
Instrument :
BNA_F
ClientSampleId :
NB-08-022019-BRE

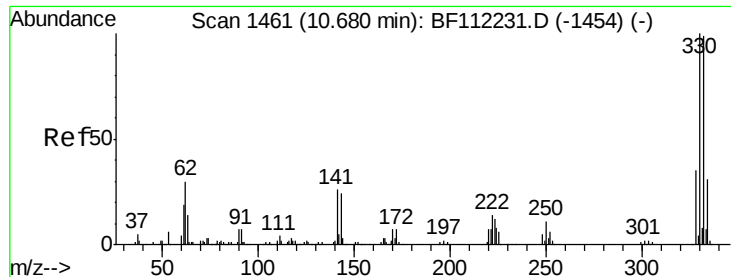
Tgt Ion: 82 Resp: 75800
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.4 23.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.03 min
Lab File: BF112661.D
Acq: 21 Feb 2019 19:07

Tgt Ion: 164 Resp: 164814
Ion Ratio Lower Upper
164 100
162 104.0 82.2 123.4
160 45.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 12.920 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112661.D

Acq: 21 Feb 2019 19:07

Instrument :

BNA_F

ClientSampleId :

NB-08-022019-BRE

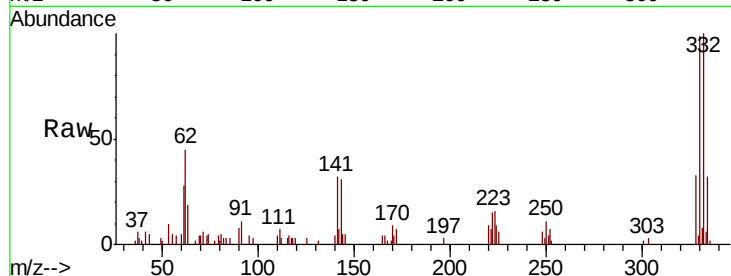
Tgt Ion:330 Resp: 24785

Ion Ratio Lower Upper

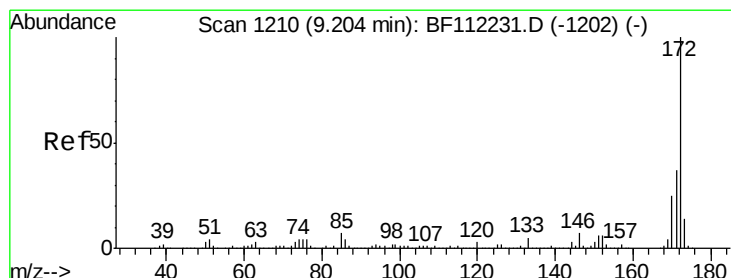
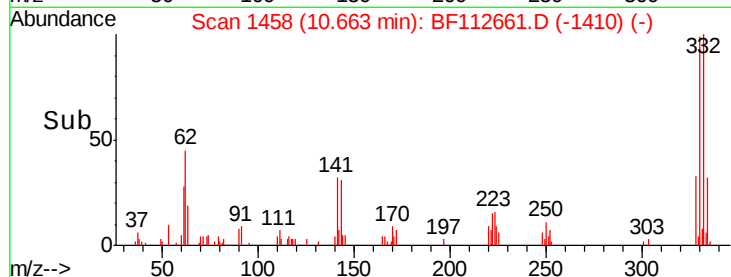
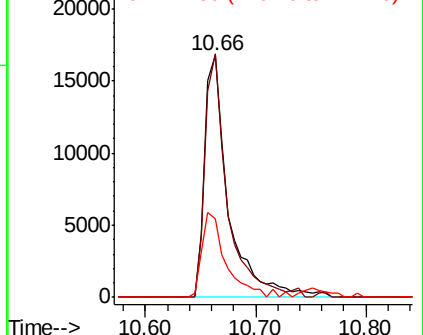
330 100

332 94.1 76.6 114.8

141 34.1 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: 15.416 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.03 min

Lab File: BF112661.D

Acq: 21 Feb 2019 19:07

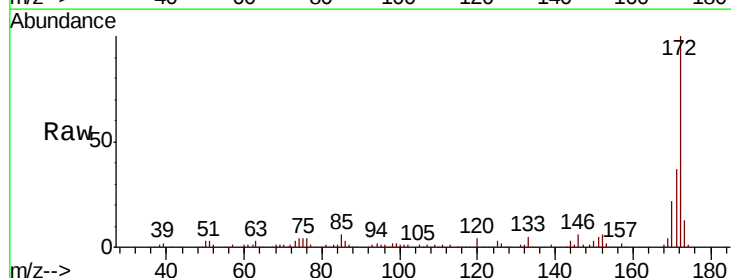
Tgt Ion:172 Resp: 179648

Ion Ratio Lower Upper

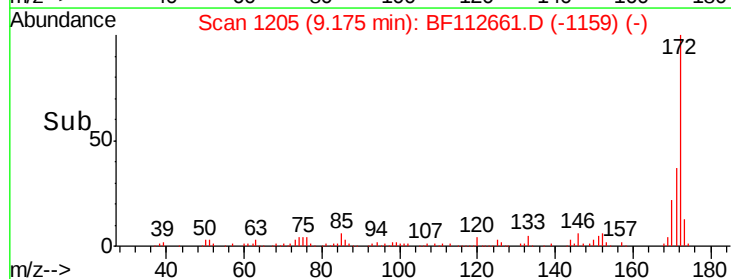
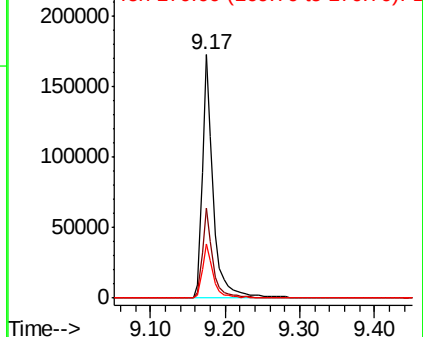
172 100

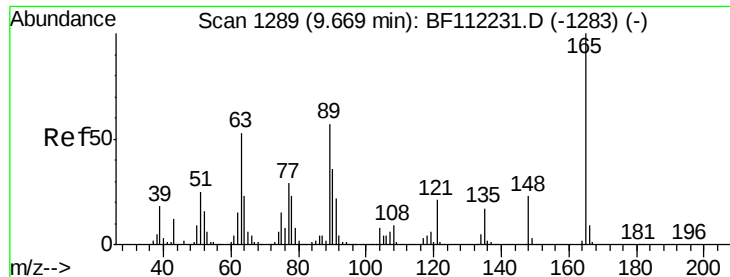
171 36.8 30.5 45.7

170 22.4 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

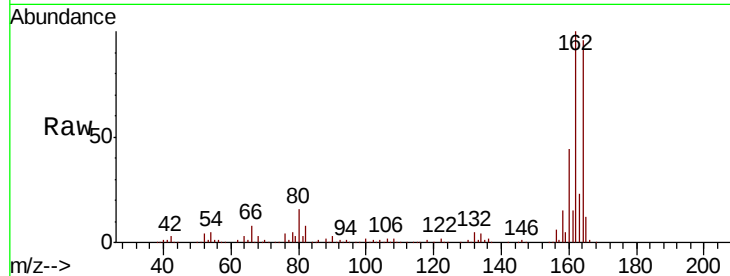




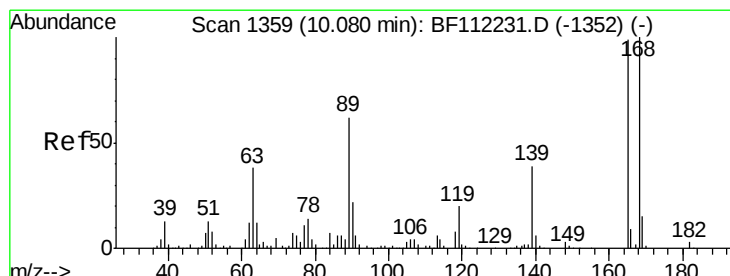
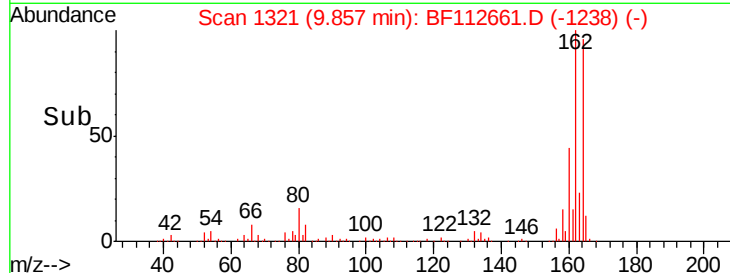
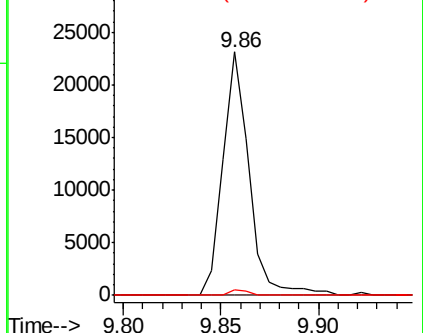
#51
 2,6-Dinitrotoluene
 Concen: 7.558 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.19 min
 Lab File: BF112661.D
 Acq: 21 Feb 2019 19:07

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Tgt Ion:	165	Resp:	21675
Ion Ratio	Lower	Upper	
165	100		
63	0.0	33.8	50.8#
89	2.1	36.9	55.3#



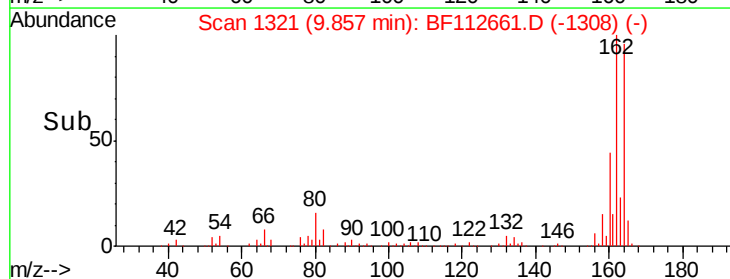
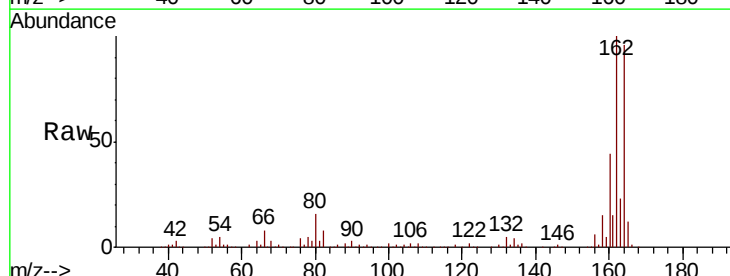
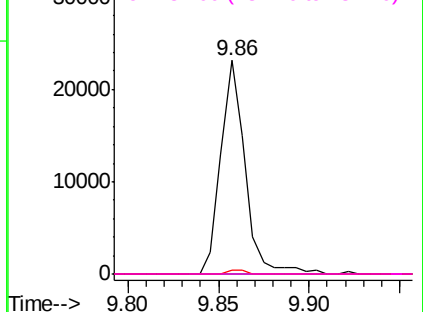
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

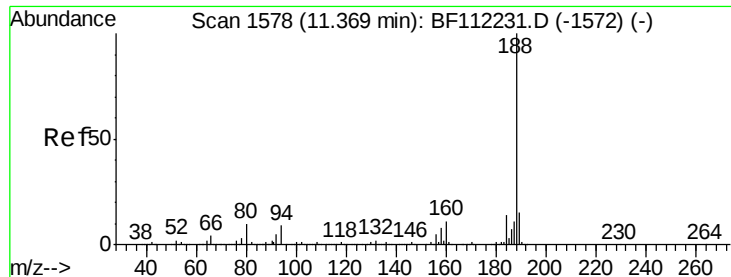


#57
 2,4-Dinitrotoluene
 Concen: 5.937 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.22 min
 Lab File: BF112661.D
 Acq: 21 Feb 2019 19:07

Tgt Ion:	165	Resp:	21675
Ion Ratio	Lower	Upper	
165	100		
63	0.0	27.9	41.9#
89	2.1	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

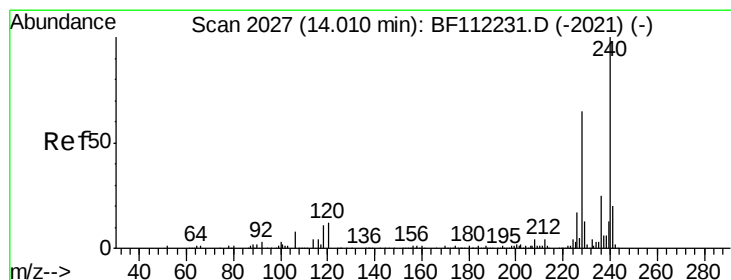
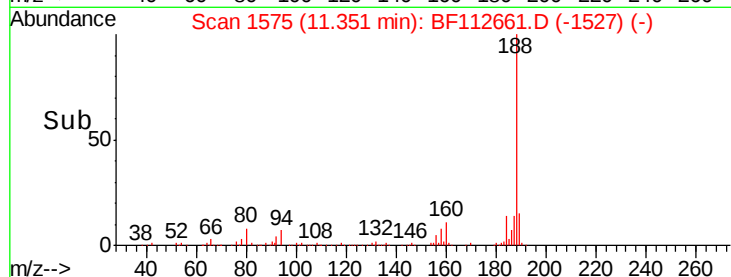
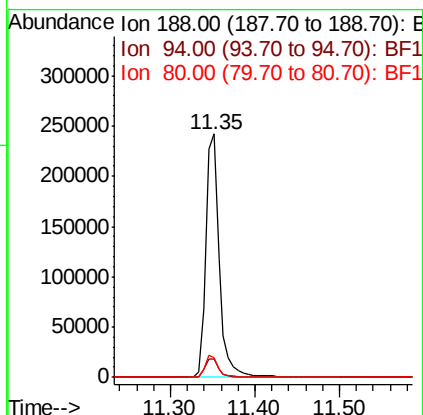
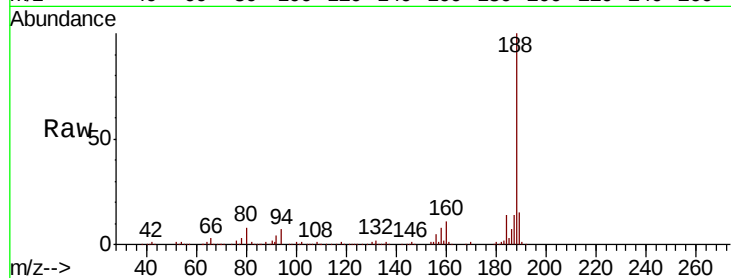




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF112661.D
Acq: 21 Feb 2019 19:07

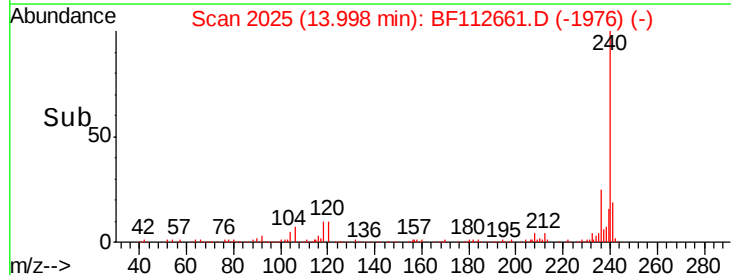
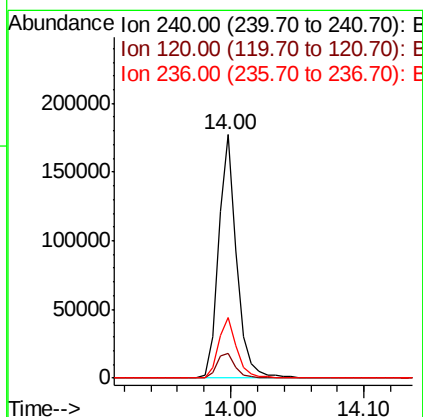
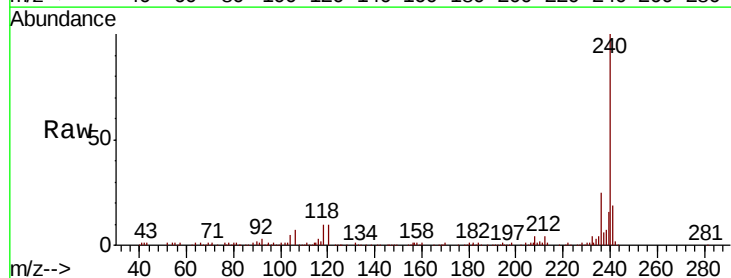
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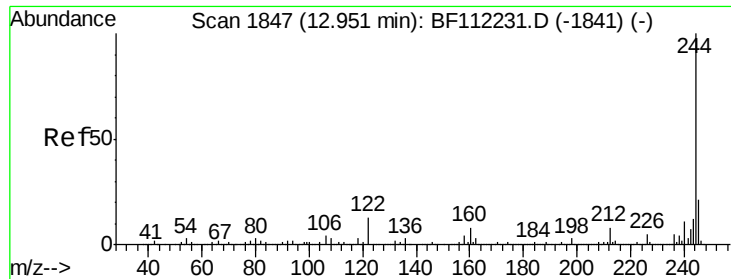
Tgt Ion:188 Resp: 268367
Ion Ratio Lower Upper
188 100
94 7.4 8.2 12.2#
80 8.2 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112661.D
Acq: 21 Feb 2019 19:07

Tgt Ion:240 Resp: 168402
Ion Ratio Lower Upper
240 100
120 10.4 9.0 13.6
236 24.8 20.7 31.1





#79

Terphenyl-d14

Concen: 14.078 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.02 min

Lab File: BF112661.D

Acq: 21 Feb 2019 19:07

Instrument :

BNA_F

ClientSampleId :

NB-08-022019-BRE

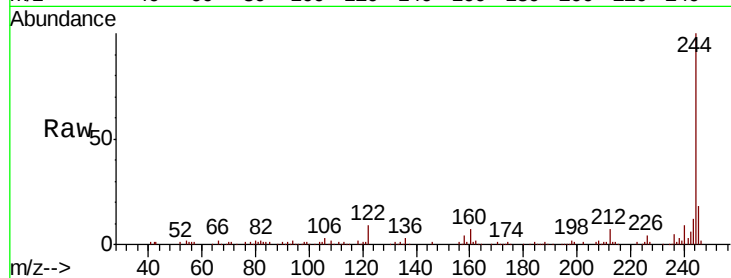
Tgt Ion:244 Resp: 125870

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

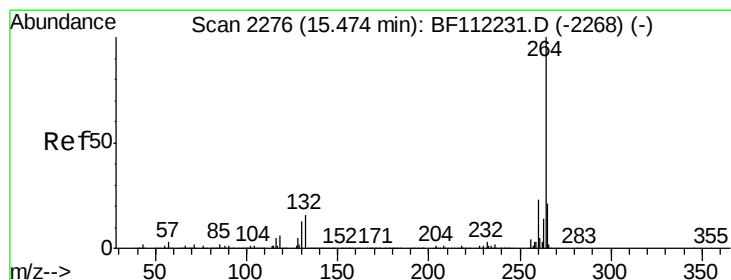
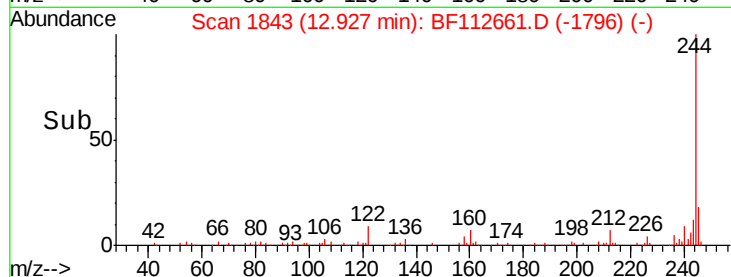
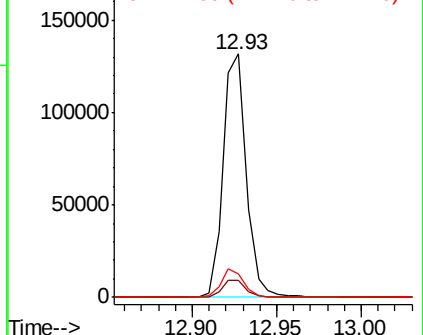
122 9.4 9.8 14.6#



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: BF112661.D

Acq: 21 Feb 2019 19:07

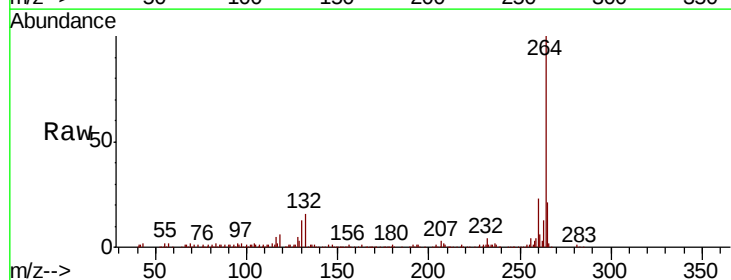
Tgt Ion:264 Resp: 171266

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.2

265 20.5 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

