

Data File : BF116047.D
Acq On : 7 Aug 2019 13:41
Operator : HP/JU
Sample : K4154-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PS-3

Quant Time: Aug 08 07:41:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

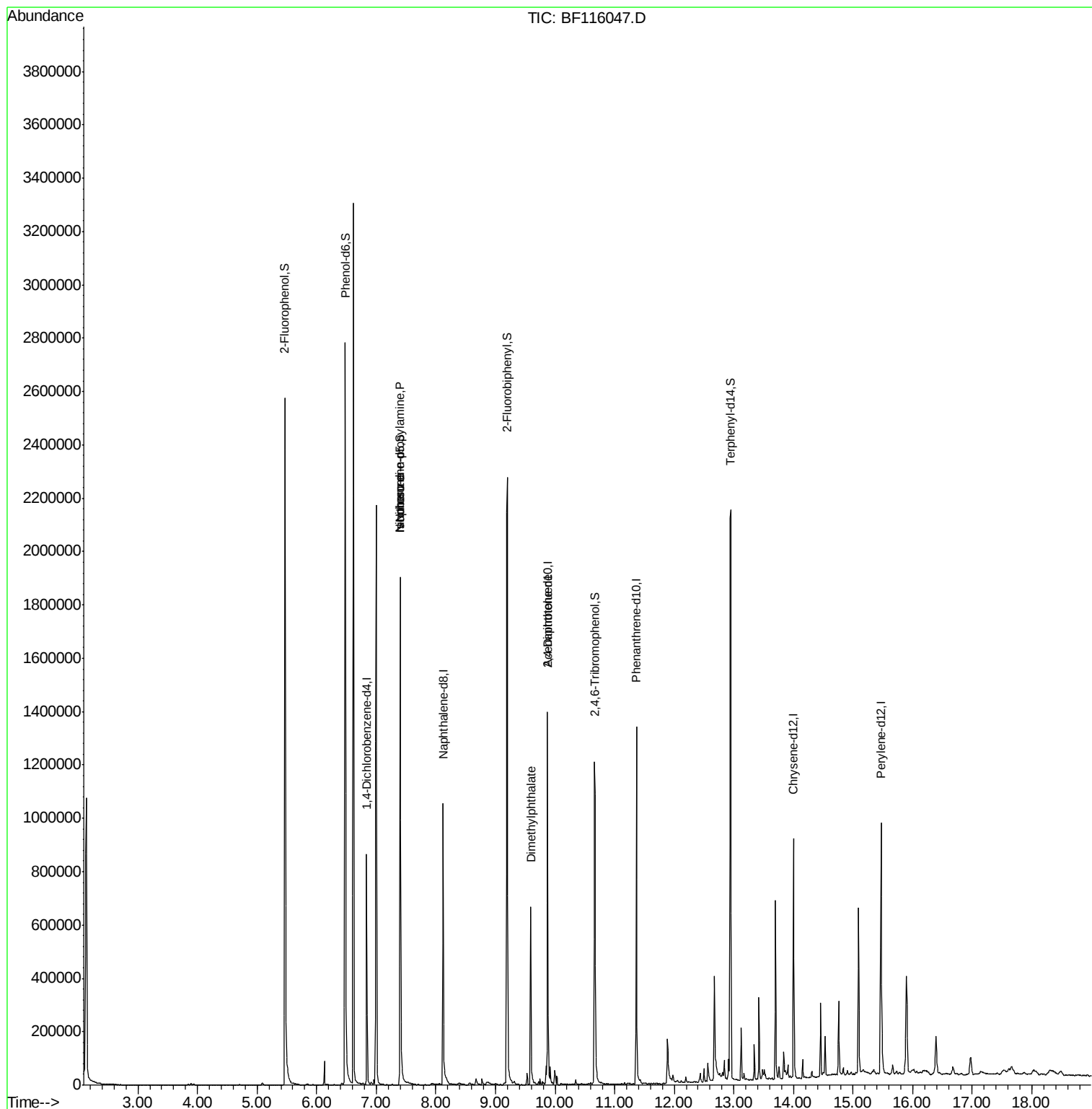
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	135122	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	539616	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	284619	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	508163	20.00	ng	0.00
76) Chrysene-d12	14.00	240	312581	20.00	ng	0.00
87) Perylene-d12	15.47	264	310498	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	854058	105.81	ng	0.00
7) Phenol-d6	6.48	99	1089046	106.94	ng	0.00
23) Nitrobenzene-d5	7.40	82	676381	72.35	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	176209	63.86	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	799214	52.60	ng	0.00
79) Terphenyl-d14	12.94	244	777207	52.39	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	91056	14.429	ng	# 80
25) Isophorone	7.40	82	676373	37.838	ng	# 65
50) Dimethylphthalate	9.59	163	330971	17.079	ng	99
57) 2,4-Dinitrotoluene	9.87	165	36771	6.558	ng	# 21

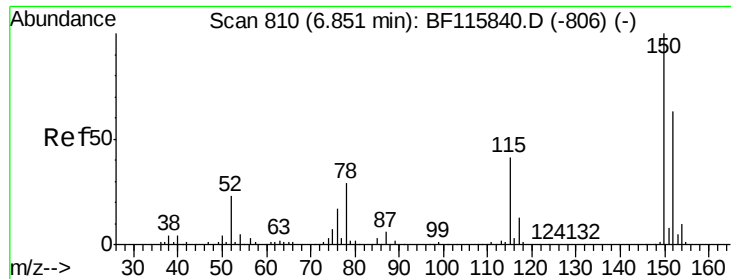
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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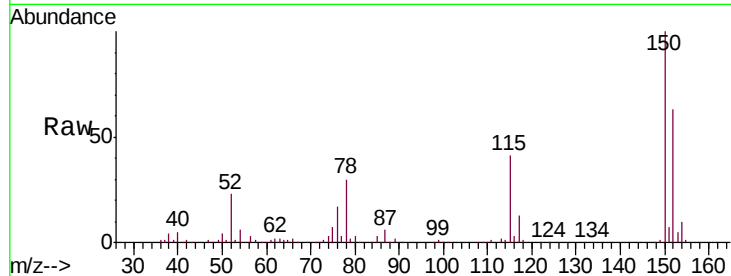




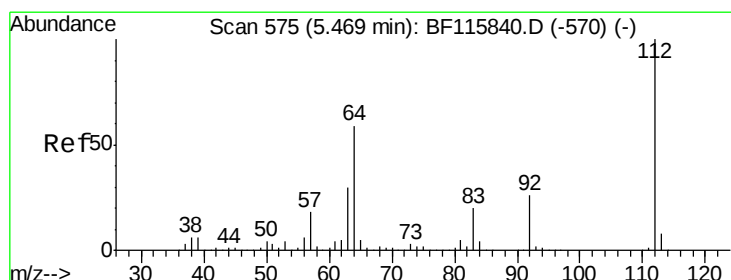
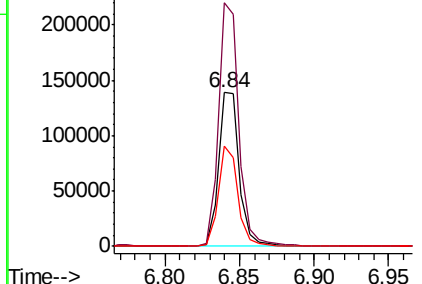
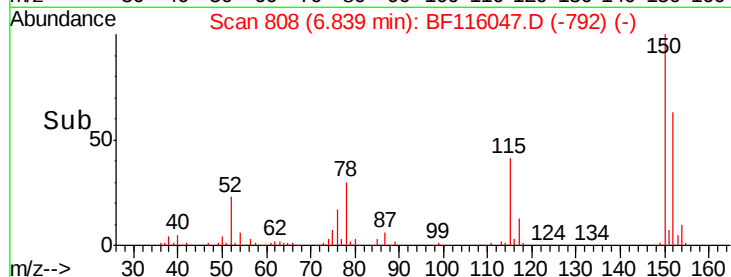
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF116047.D
 Acq: 7 Aug 2019 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PS-3

Tgt Ion:152 Resp: 135122
 Ion Ratio Lower Upper
 152 100
 150 158.7 126.2 189.2
 115 65.4 49.9 74.9

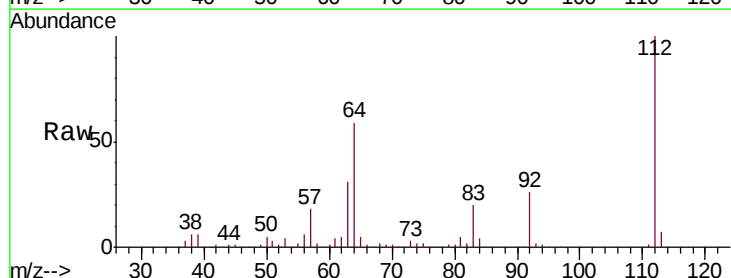


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

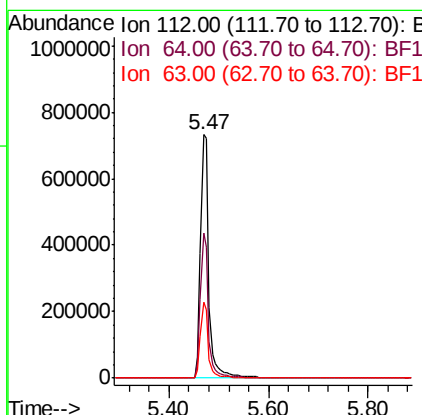
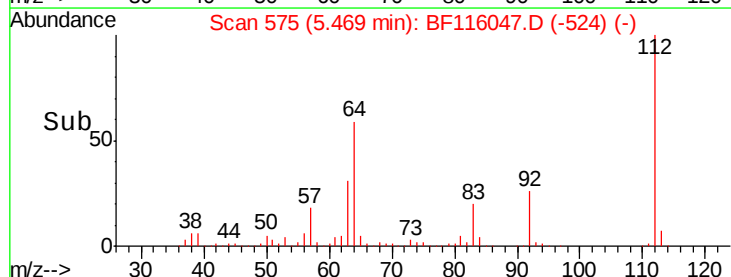


#5
 2-Fluorophenol
 Concen: 105.811 ng
 RT: 5.47 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF116047.D
 Acq: 7 Aug 2019 13:41

Tgt Ion:112 Resp: 854058
 Ion Ratio Lower Upper
 112 100
 64 59.5 45.4 68.2
 63 31.2 23.7 35.5



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: 106.941 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116047.D

Acq: 7 Aug 2019 13:41

Instrument :

BNA_F

ClientSampleId :

PS-3

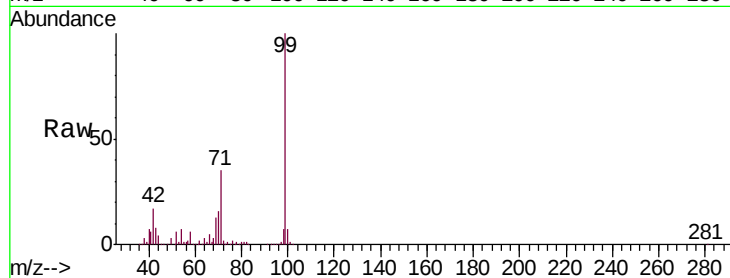
Tgt Ion: 99 Resp: 1089046

Ion Ratio Lower Upper

99 100

42 17.3 13.8 20.8

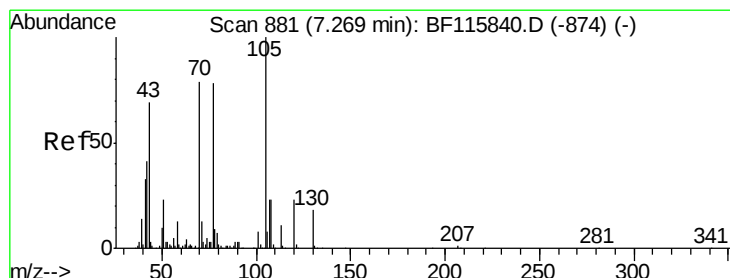
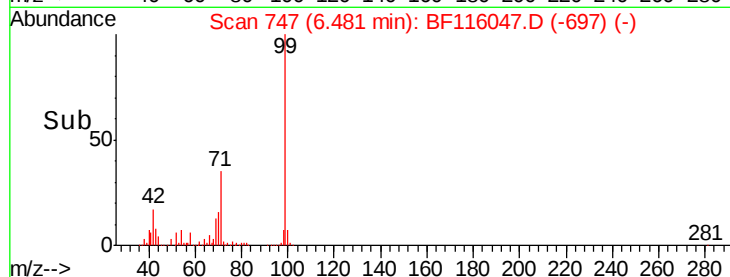
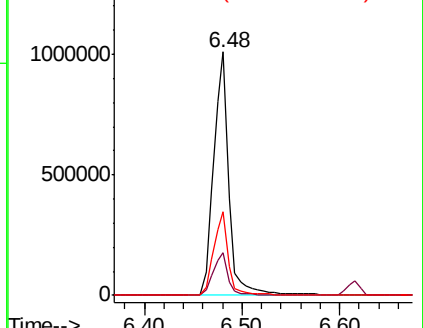
71 34.6 27.3 40.9



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: 14.429 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF116047.D

Acq: 7 Aug 2019 13:41

Tgt Ion: 70 Resp: 91056

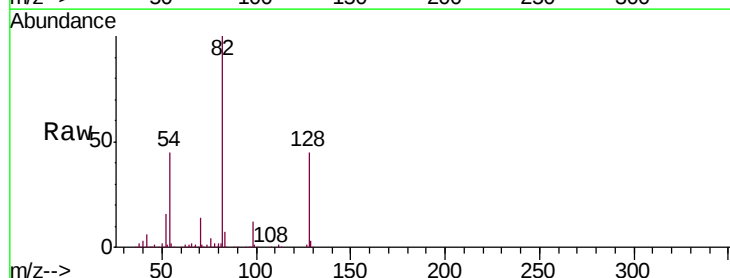
Ion Ratio Lower Upper

70 100

42 44.0 40.9 61.3

101 0.0 7.9 11.9#

130 2.2 16.9 25.3#

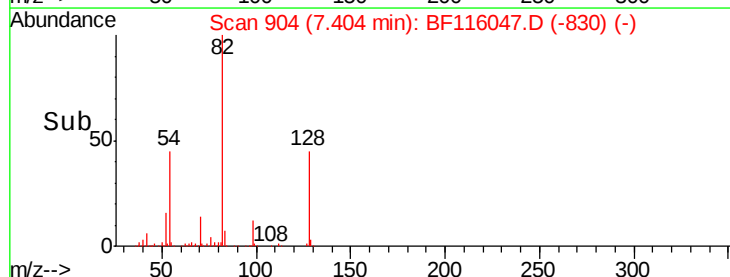
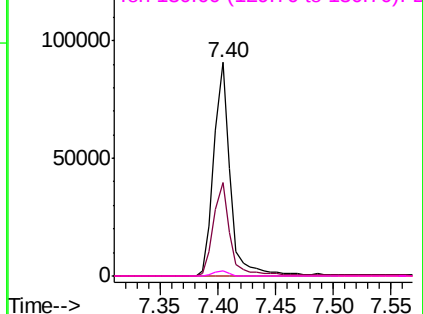


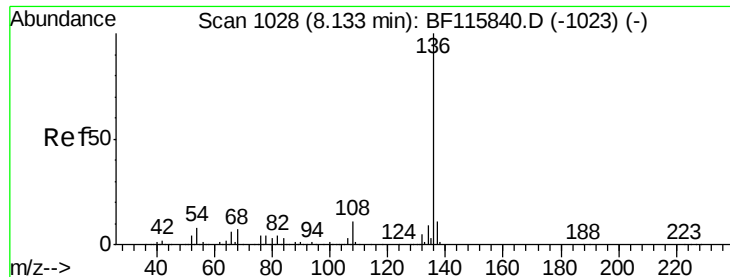
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

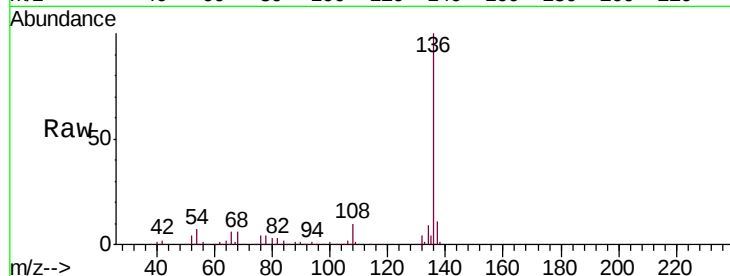




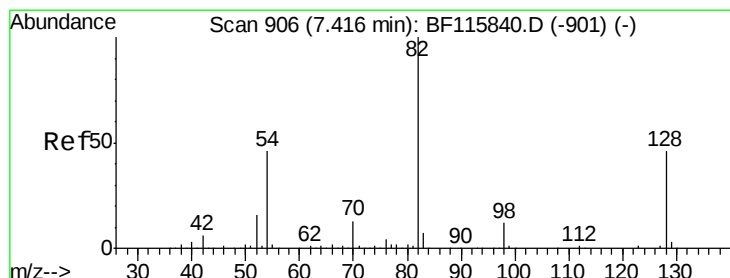
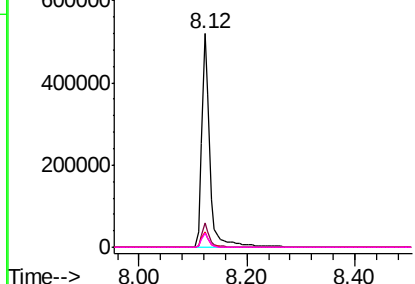
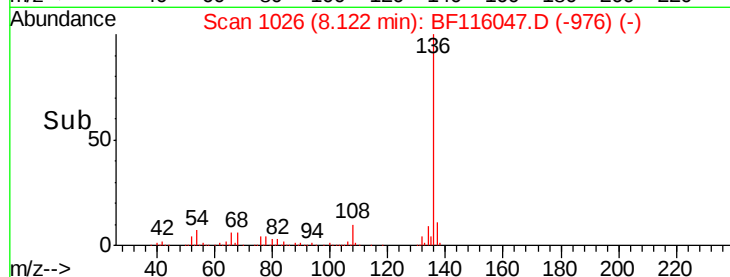
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116047.D
Acq: 7 Aug 2019 13:41

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Tgt Ion:	136	Resp:	539616
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	7.4	5.8	8.6
68	6.4	5.2	7.8

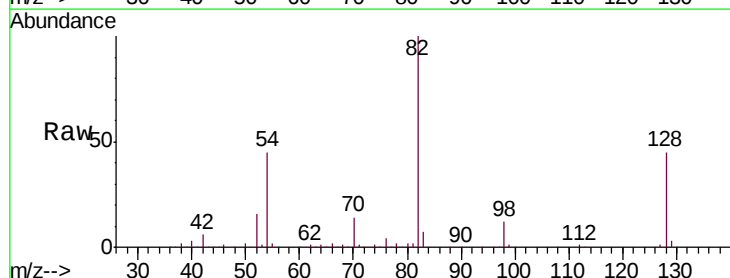


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

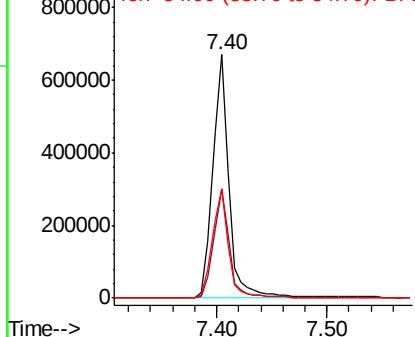
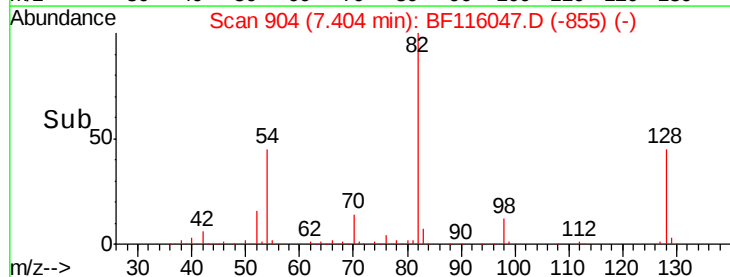


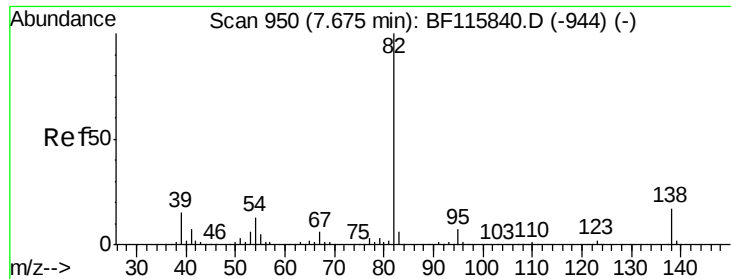
#23
Nitrobenzene-d5
Concen: 72.353 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116047.D
Acq: 7 Aug 2019 13:41

Tgt Ion:	82	Resp:	676381
Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.5	54.7
54	44.9	36.0	54.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
800000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 37.838 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF116047.D

Acq: 7 Aug 2019 13:41

Instrument :

BNA_F

ClientSampleId :

PS-3

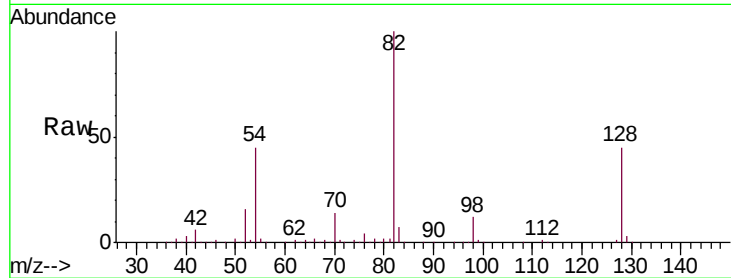
Tgt Ion: 82 Resp: 676373

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

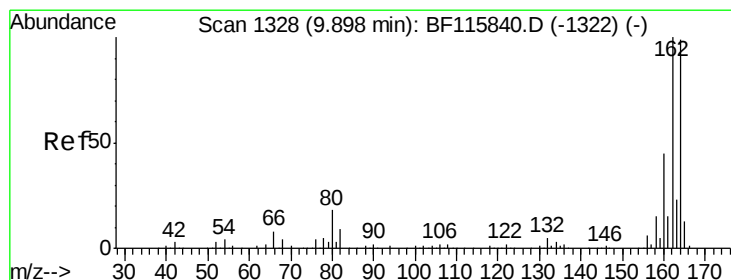
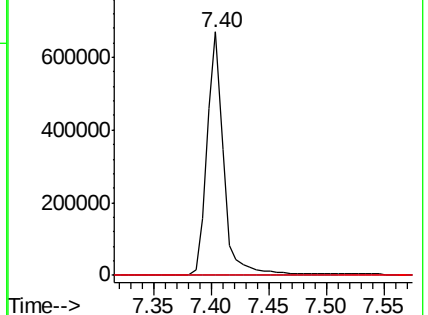
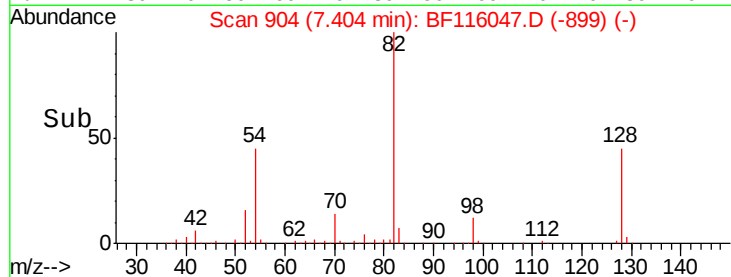
138 0.0 14.5 21.7#



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# 1324

Delta R.T. -0.01 min

Lab File: BF116047.D

Acq: 7 Aug 2019 13:41

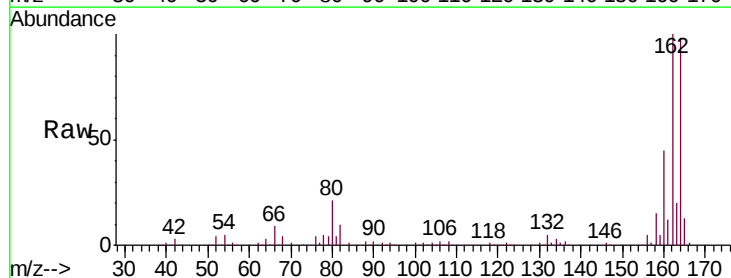
Tgt Ion: 164 Resp: 284619

Ion Ratio Lower Upper

164 100

162 101.7 82.6 124.0

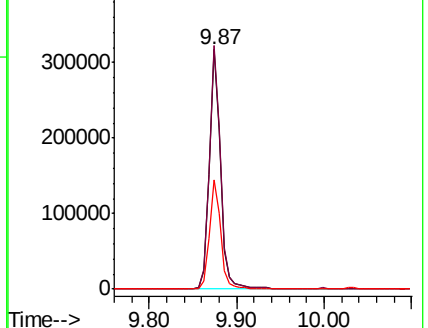
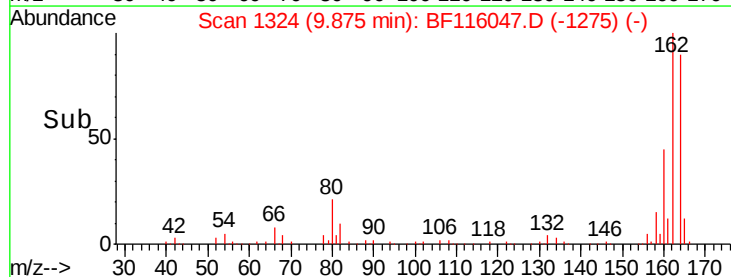
160 45.8 37.6 56.4

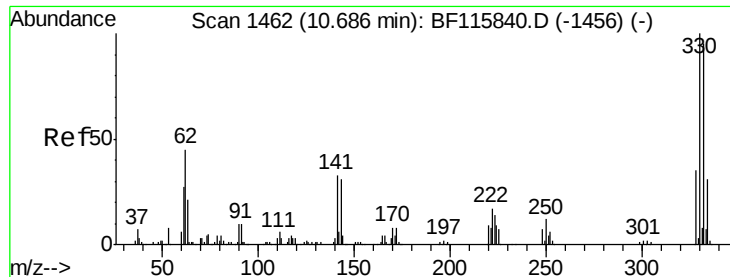


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

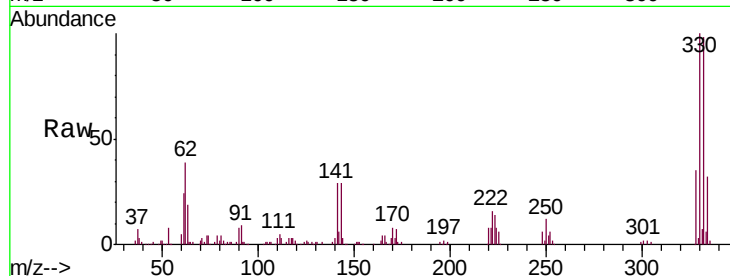




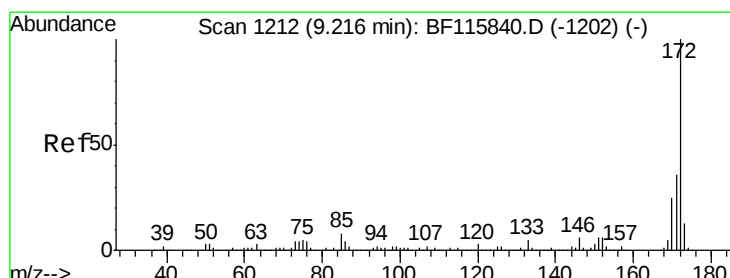
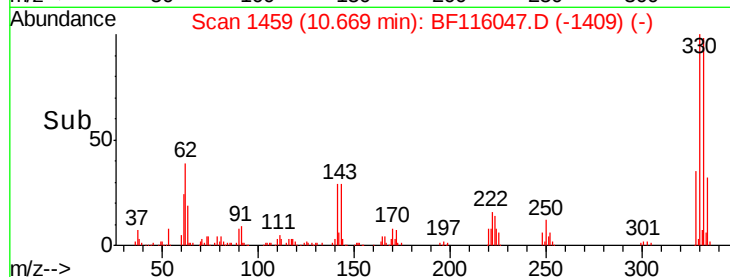
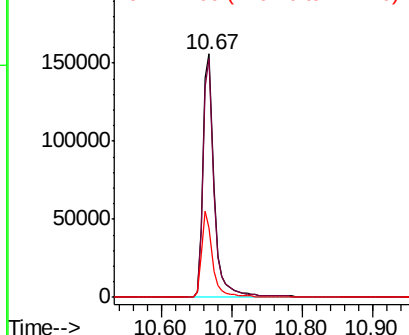
#42
 2,4,6-Tribromophenol
 Concen: 63.856 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116047.D
 Acq: 7 Aug 2019 13:41

Instrument :
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Tgt Ion:330 Resp: 176209
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.8 115.2
 141 34.7 26.3 39.5

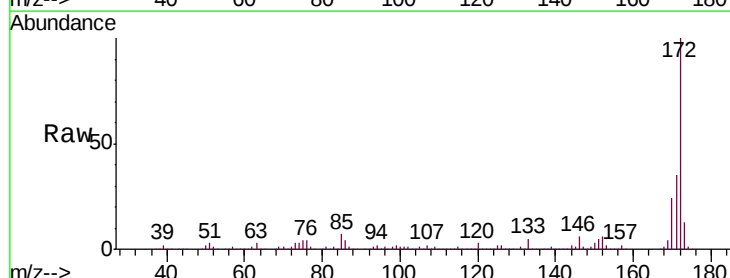


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

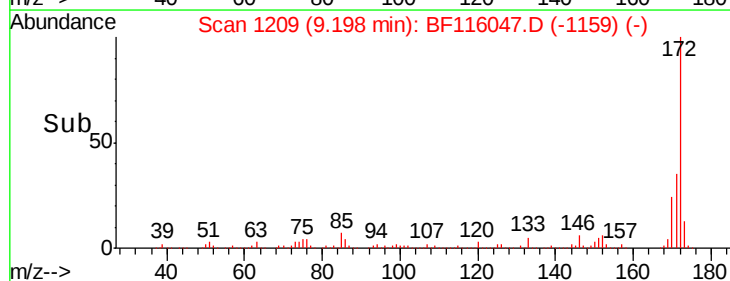
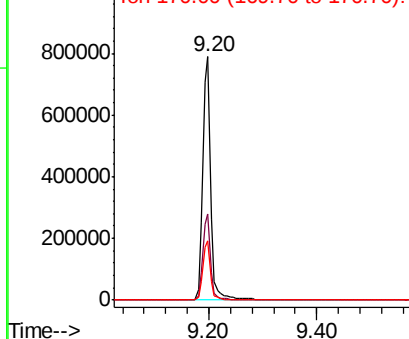


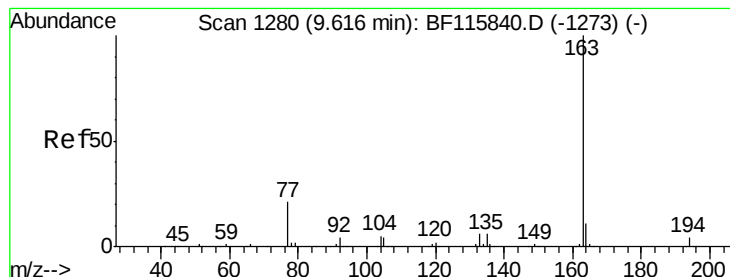
#45
 2-Fluorobiphenyl
 Concen: 52.596 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF116047.D
 Acq: 7 Aug 2019 13:41

Tgt Ion:172 Resp: 799214
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 24.3 20.1 30.1



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





#50

Dimethylphthalate

Concen: 17.079 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF116047.D

Acq: 7 Aug 2019 13:41

Instrument :

BNA_F

ClientSampleId :

PS-3

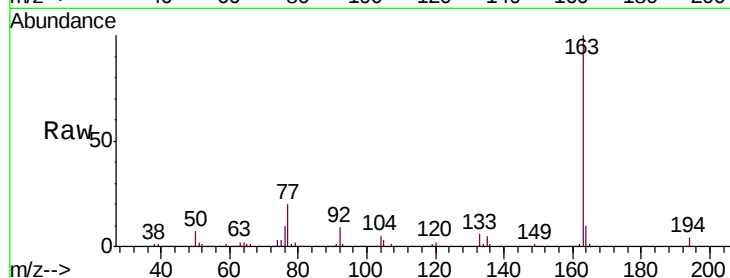
Tgt Ion:163 Resp: 330971

Ion Ratio Lower Upper

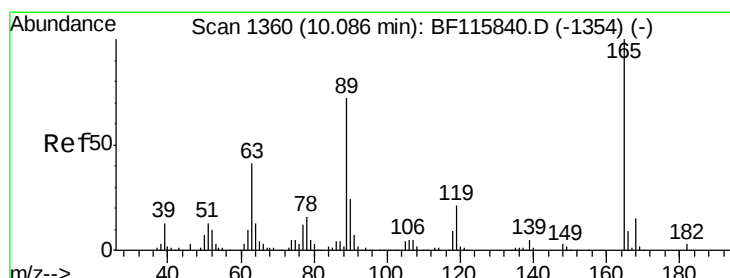
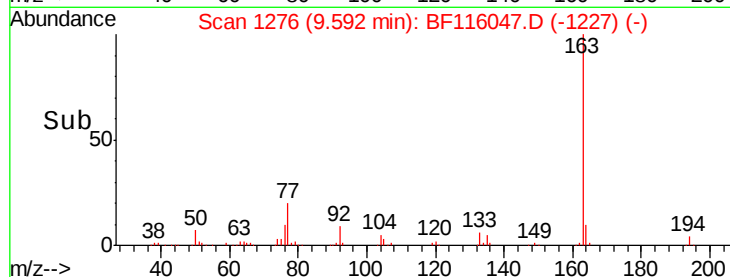
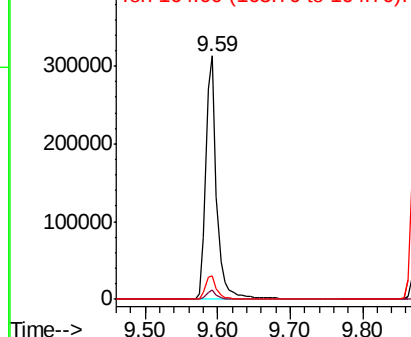
163 100

194 4.0 3.0 4.6

164 9.8 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 6.558 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.21 min

Lab File: BF116047.D

Acq: 7 Aug 2019 13:41

Tgt Ion:165 Resp: 36771

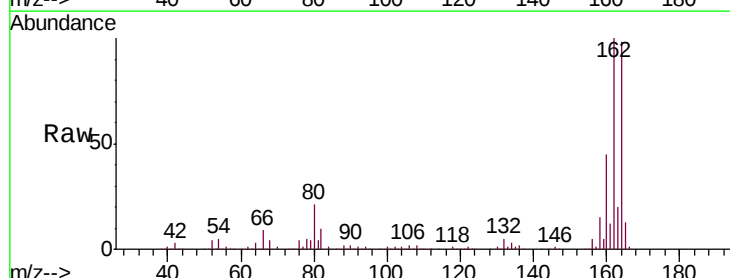
Ion Ratio Lower Upper

165 100

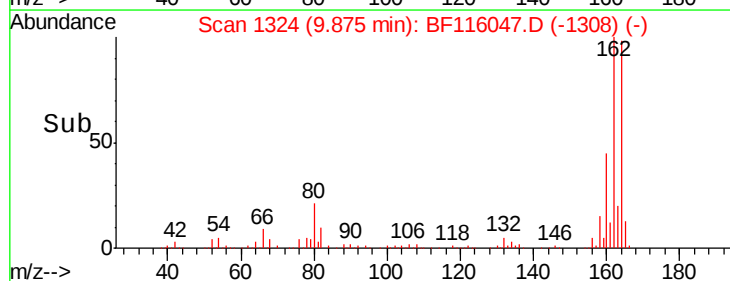
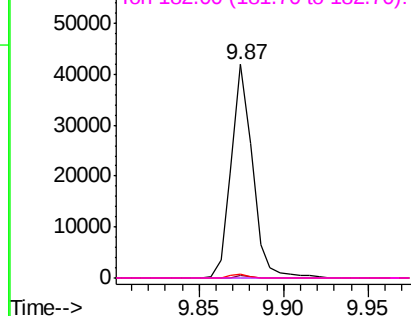
63 1.3 39.6 59.4#

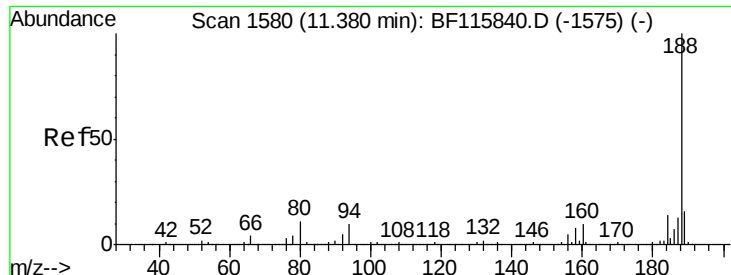
89 1.6 62.2 93.2#

182 0.0 2.1 3.1#



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

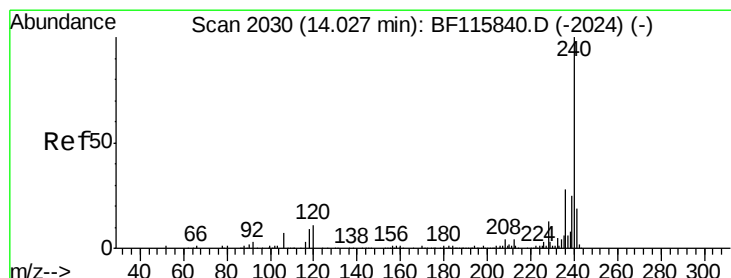
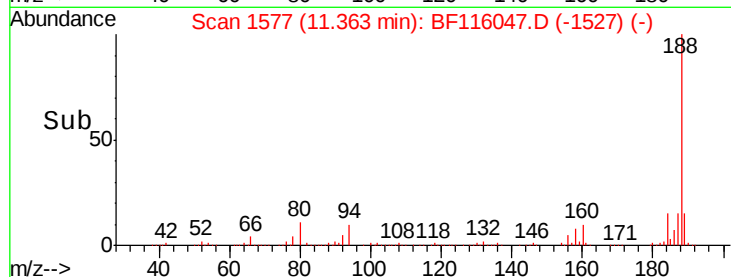
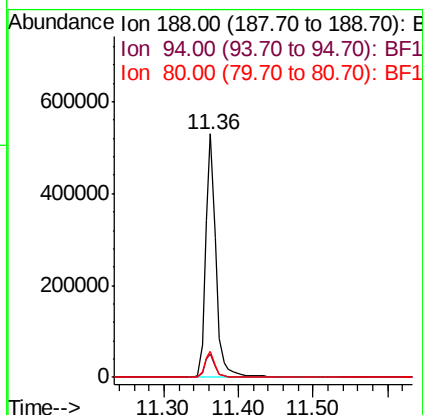
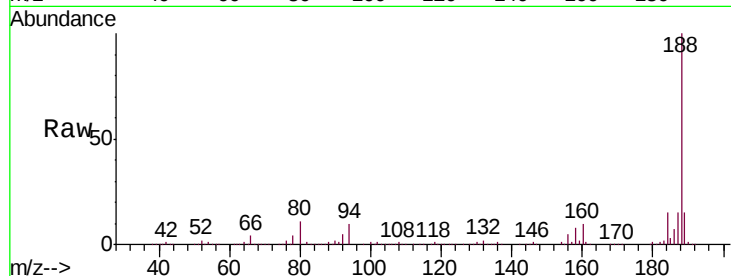




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116047.D
Acq: 7 Aug 2019 13:41

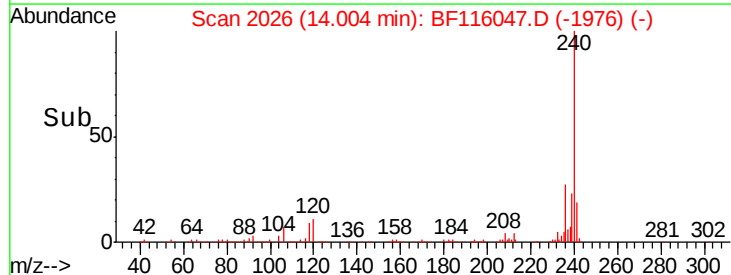
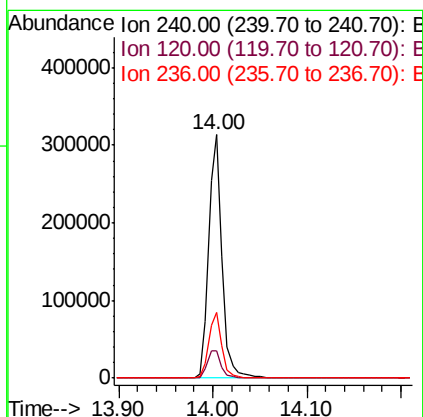
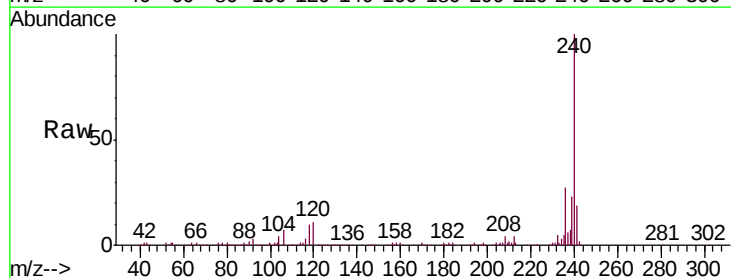
Instrument :
BNA_F
ClientSampleId :
PS-3

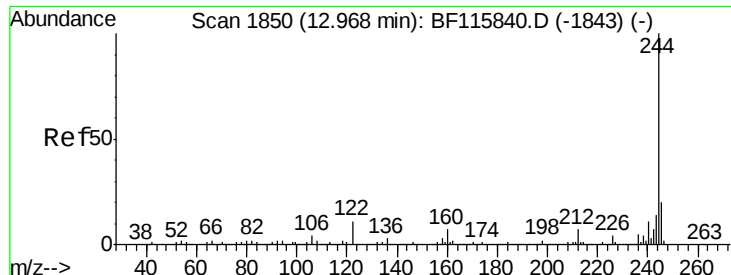
Tgt Ion:188 Resp: 508163
Ion Ratio Lower Upper
188 100
94 9.6 8.1 12.1
80 10.9 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116047.D
Acq: 7 Aug 2019 13:41

Tgt Ion:240 Resp: 312581
Ion Ratio Lower Upper
240 100
120 11.0 10.7 16.1
236 26.9 22.2 33.2





#79

Terphenyl-d14

Concen: 52.393 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116047.D

Acq: 7 Aug 2019 13:41

Instrument :

BNA_F

ClientSampleId :

PS-3

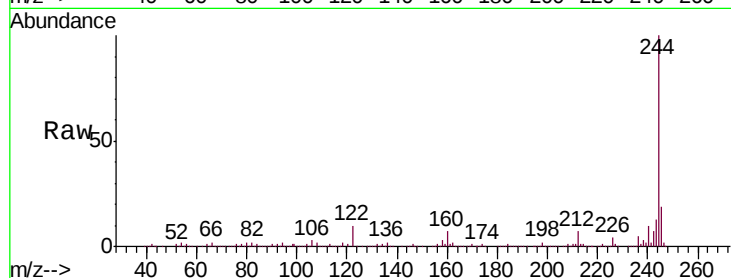
Tgt Ion:244 Resp: 777207

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

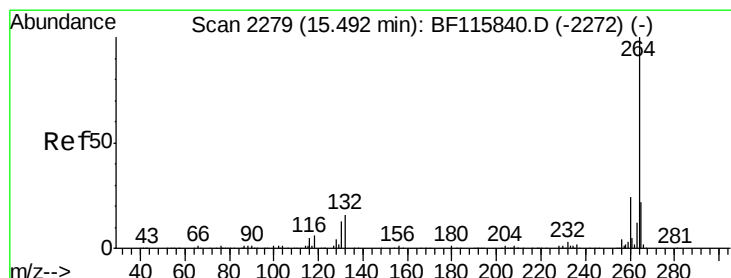
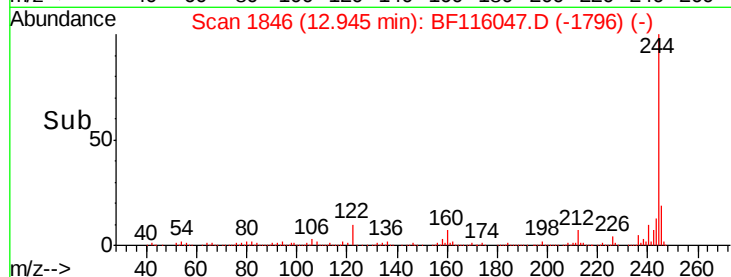
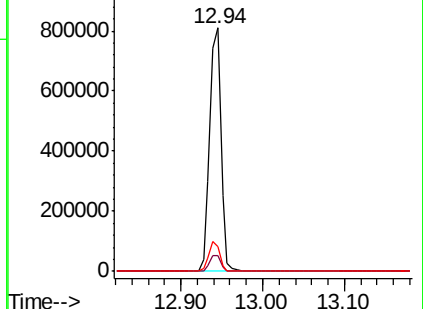
122 10.2 9.0 13.4



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: BF116047.D

Acq: 7 Aug 2019 13:41

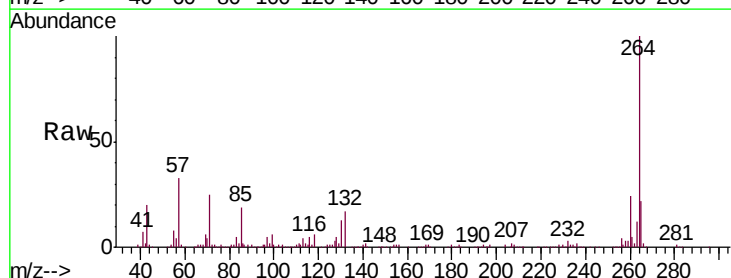
Tgt Ion:264 Resp: 310498

Ion Ratio Lower Upper

264 100

260 24.2 19.7 29.5

265 21.6 17.4 26.0



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

