

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081619\
 Data File : BF116311.D
 Acq On : 16 Aug 2019 10:11
 Operator : HP/JU
 Sample : PB122277TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122277TB

Quant Time: Aug 16 11:49:32 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

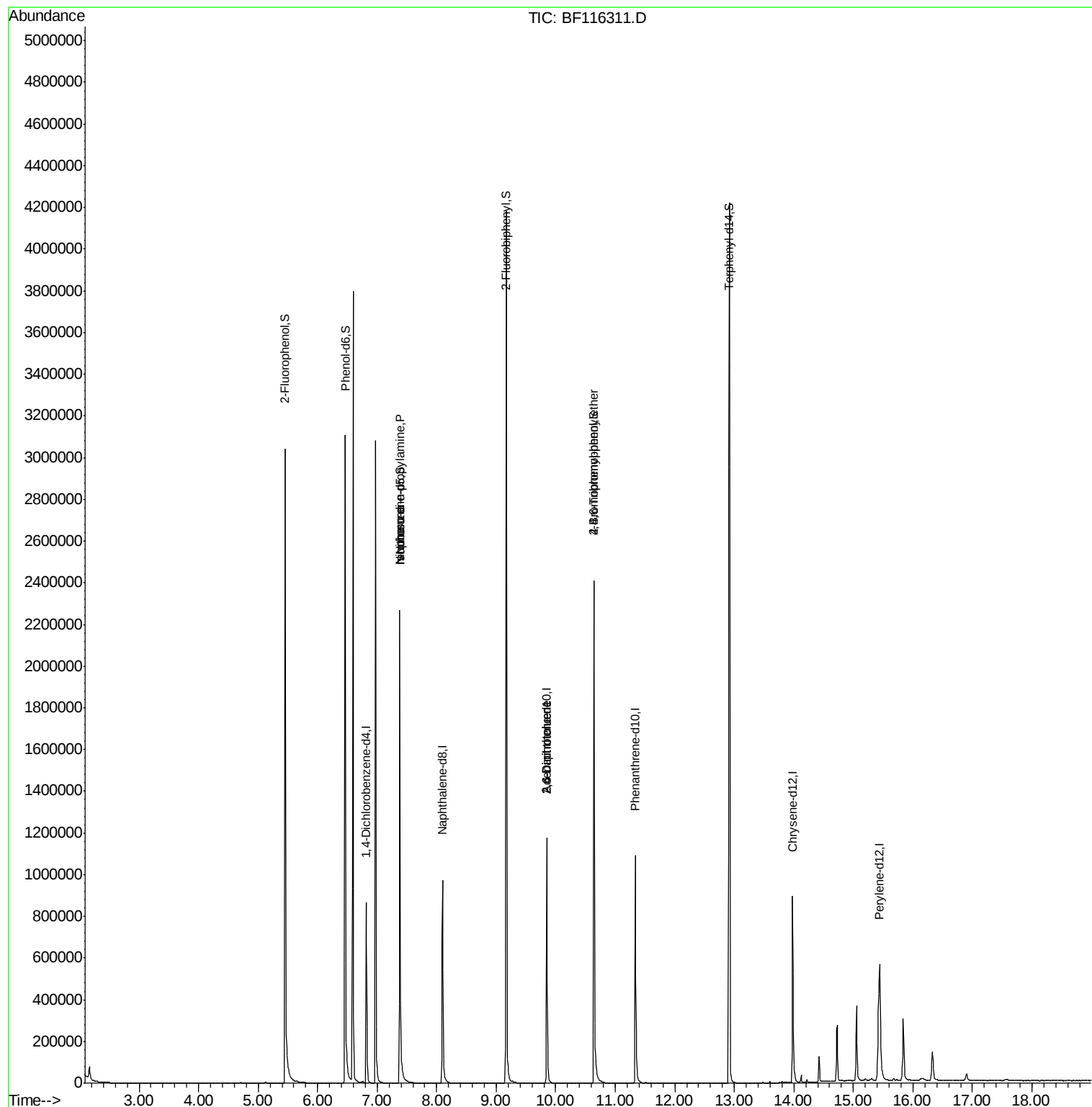
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	139734	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	535794	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	287815	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	515277	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	371082	20.00	ng	-0.03
87) Perylene-d12	15.44	264	347621	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1052911	126.14	ng	-0.02
7) Phenol-d6	6.46	99	1339639	127.21	ng	-0.02
23) Nitrobenzene-d5	7.38	82	893443	96.25	ng	-0.04
42) 2,4,6-Tribromophenol	10.65	330	372515	133.50	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	1524589	99.22	ng	-0.04
79) Terphenyl-d14	12.92	244	1672664	94.98	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	117015	17.931	ng	# 78
25) Isophorone	7.38	82	893492	50.341	ng	# 65
51) 2,6-Dinitrotoluene	9.85	165	36814	8.644	ng	# 29
57) 2,4-Dinitrotoluene	9.85	165	36814	6.493	ng	# 20
67) 4-Bromophenyl-phenylether	10.64	248	22118	4.010	ng	# 1

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

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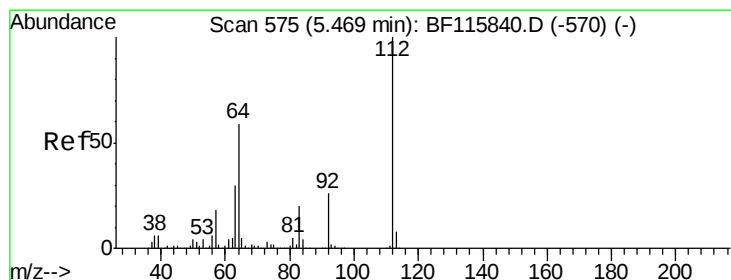
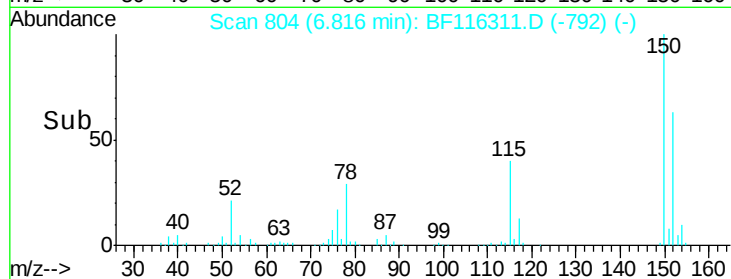
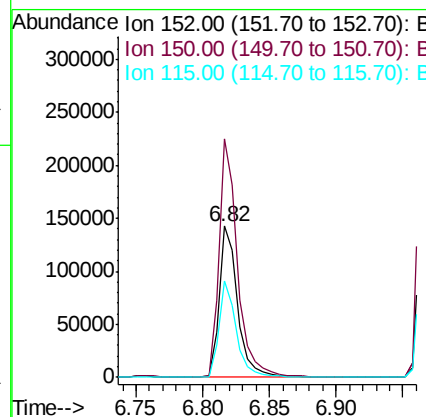
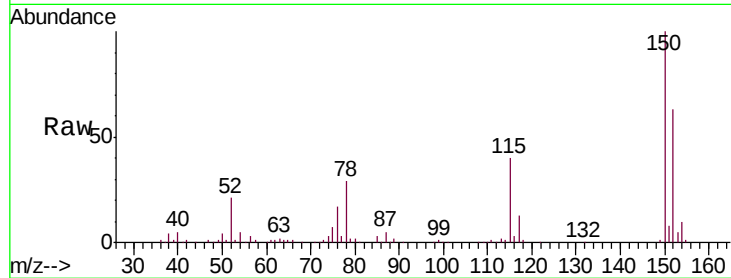




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF116311.D
 Acq: 16 Aug 2019 10:11

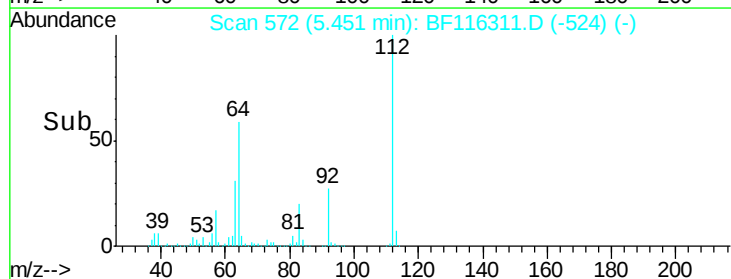
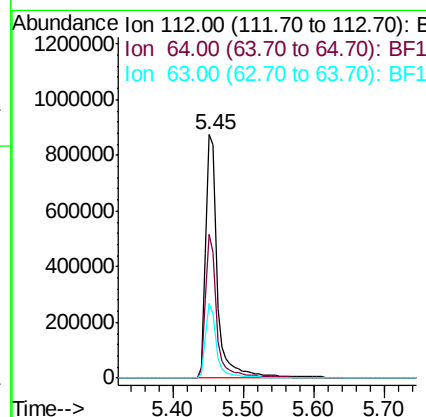
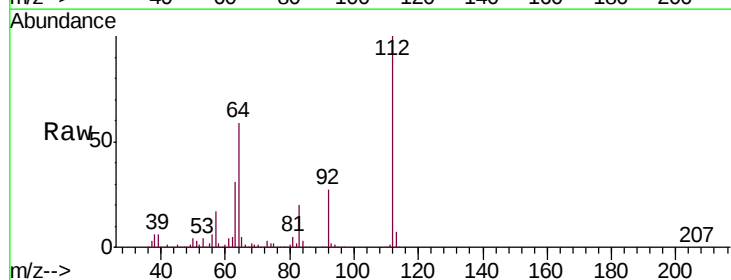
Instrument :
 BNA_F
 ClientSampleId :
 PB122277TB

Tgt Ion:152 Resp: 139734
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.2 189.2
 115 63.5 49.9 74.9



#5
 2-Fluorophenol
 Concen: 126.142 ng
 RT: 5.45 min Scan# 572
 Delta R.T. -0.02 min
 Lab File: BF116311.D
 Acq: 16 Aug 2019 10:11

Tgt Ion:112 Resp: 1052911
 Ion Ratio Lower Upper
 112 100
 64 59.3 45.4 68.2
 63 30.7 23.7 35.5





#7

Phenol-d6

Concen: 127.206 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF116311.D

Acq: 16 Aug 2019 10:11

Instrument :

BNA_F

ClientSampleId :

PB122277TB

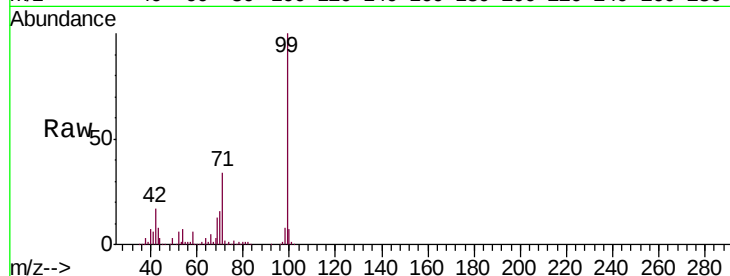
Tgt Ion: 99 Resp: 1339639

Ion Ratio Lower Upper

99 100

42 16.5 13.8 20.8

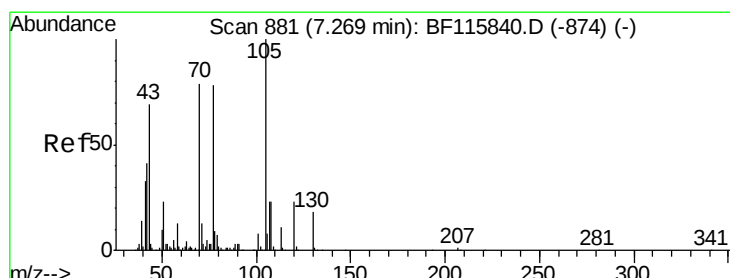
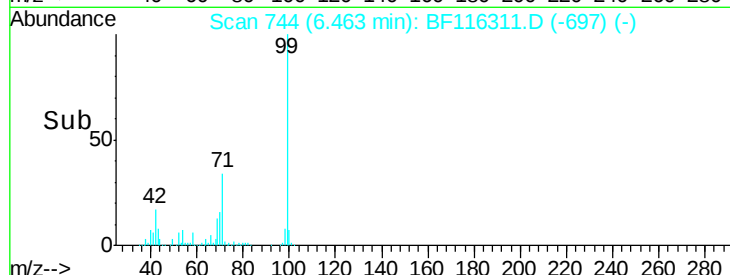
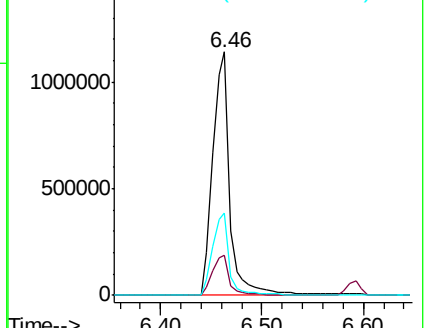
71 34.0 27.3 40.9



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: 17.931 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.11 min

Lab File: BF116311.D

Acq: 16 Aug 2019 10:11

Tgt Ion: 70 Resp: 117015

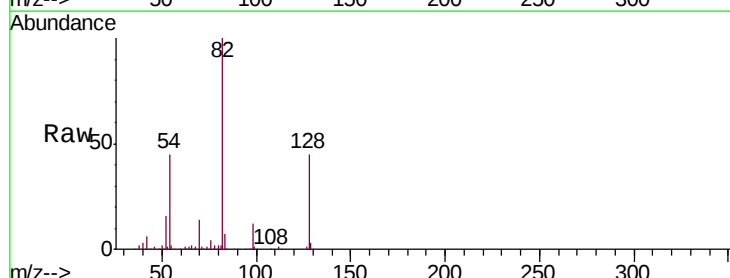
Ion Ratio Lower Upper

70 100

42 42.1 40.9 61.3

101 0.0 7.9 11.9#

130 2.1 16.9 25.3#

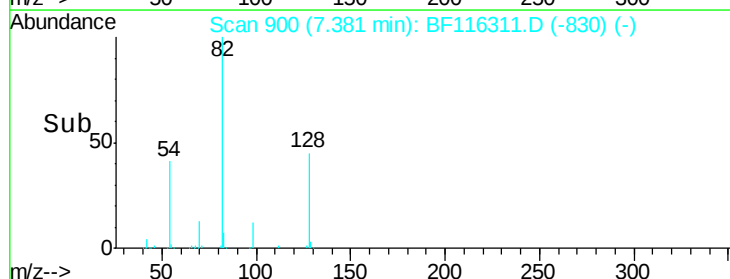
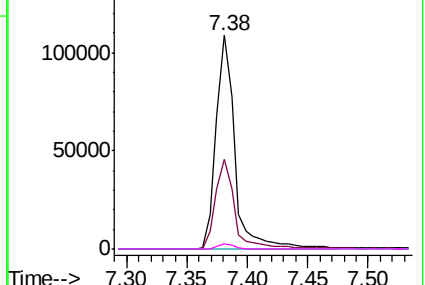


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

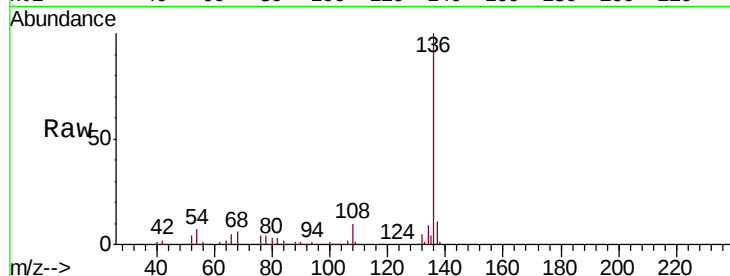




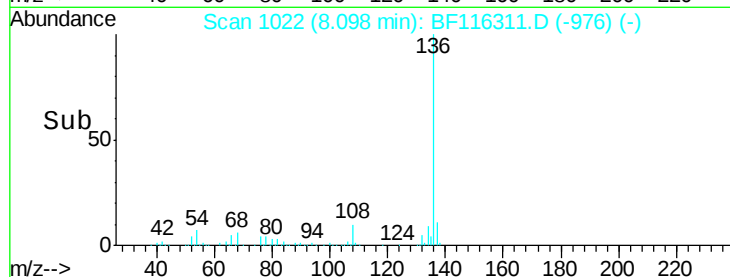
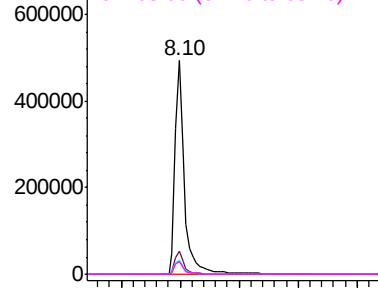
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF116311.D
Acq: 16 Aug 2019 10:11

Instrument :
BNA_F
ClientSampleId :
PB122277TB

Tgt Ion:	136	Resp:	535794
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.7	5.8	8.6
68	6.0	5.2	7.8

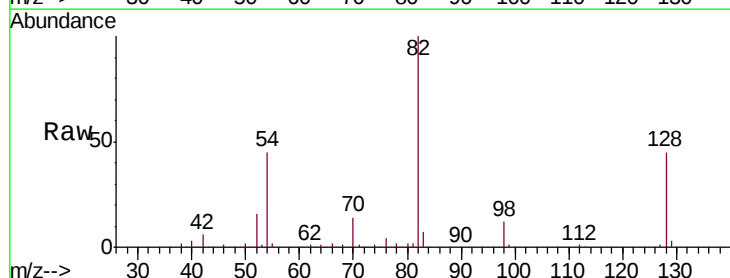


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

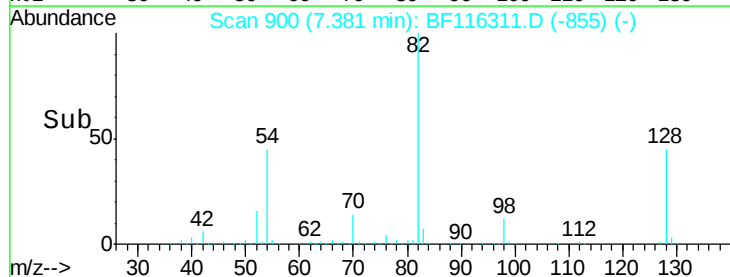
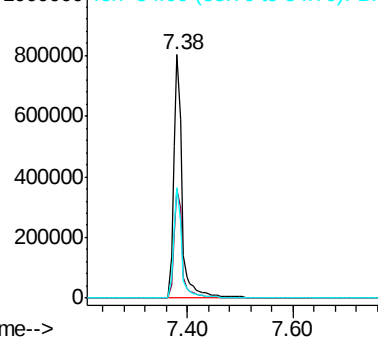


#23
Nitrobenzene-d5
Concen: 96.254 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.04 min
Lab File: BF116311.D
Acq: 16 Aug 2019 10:11

Tgt Ion:	82	Resp:	893443
Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.5	54.7
54	45.4	36.0	54.0



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: 50.341 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.29 min

Lab File: BF116311.D

Acq: 16 Aug 2019 10:11

Instrument :

BNA_F

ClientSampled :

PB122277TB

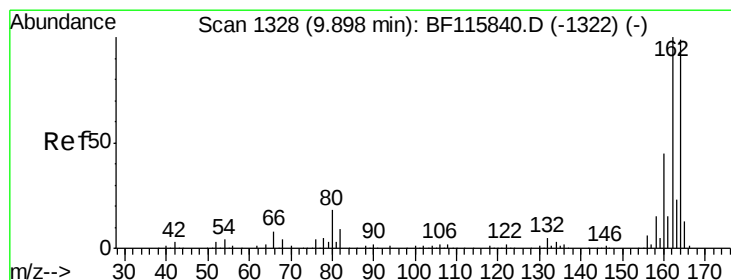
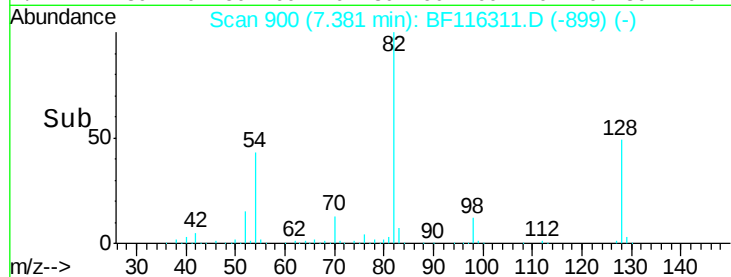
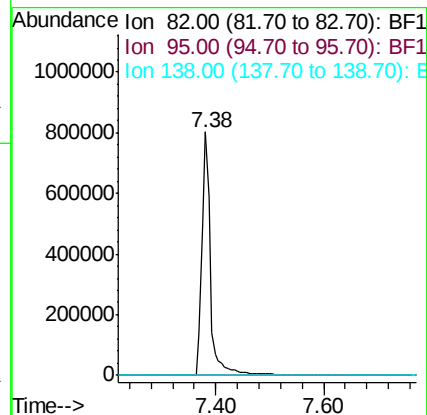
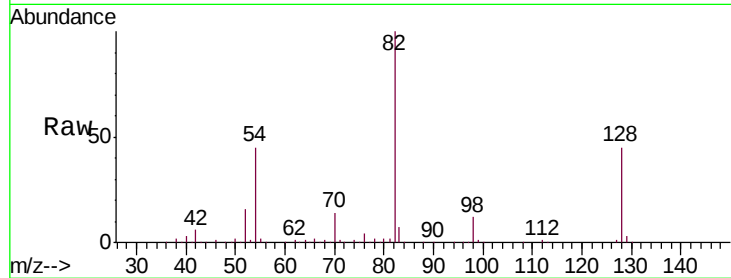
Tgt Ion: 82 Resp: 893492

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

138 0.0 14.5 21.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.04 min

Lab File: BF116311.D

Acq: 16 Aug 2019 10:11

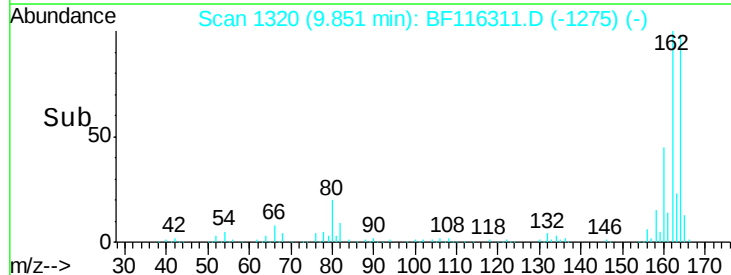
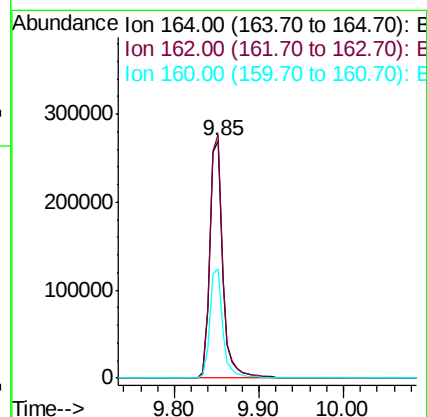
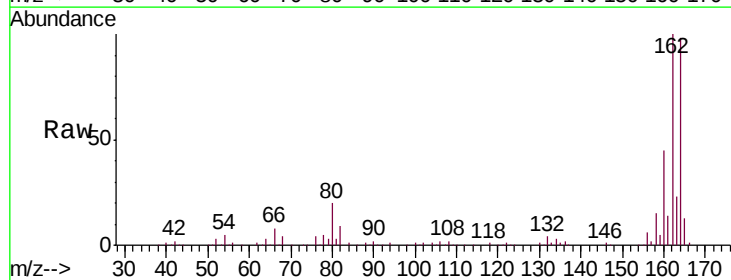
Tgt Ion: 164 Resp: 287815

Ion Ratio Lower Upper

164 100

162 102.4 82.6 124.0

160 46.1 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 133.497 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.03 min

Lab File: BF116311.D

Acq: 16 Aug 2019 10:11

Instrument :

BNA_F

ClientSampleId :

PB122277TB

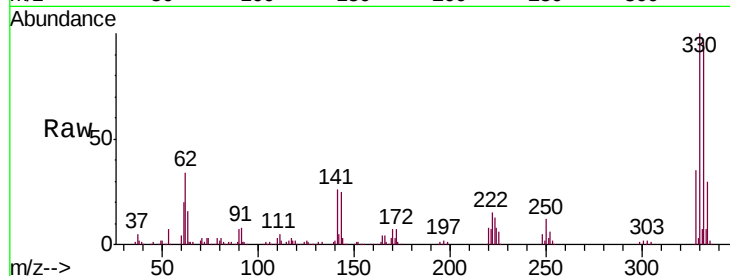
Tgt Ion:330 Resp: 372515

Ion Ratio Lower Upper

330 100

332 95.0 76.8 115.2

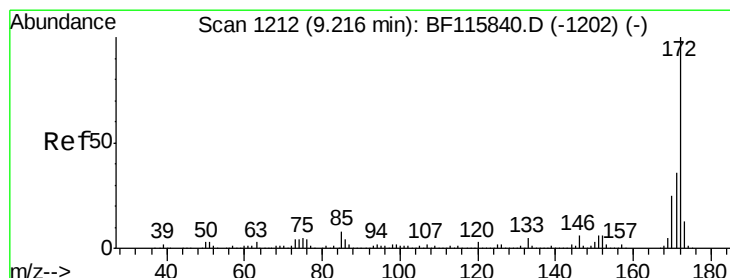
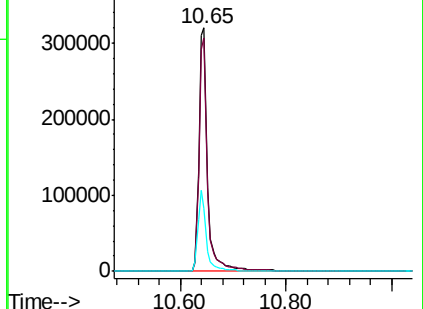
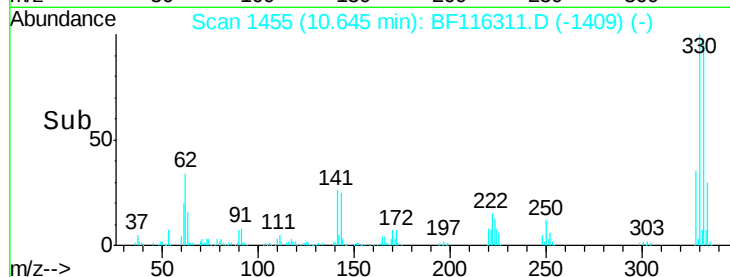
141 32.8 26.3 39.5



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: 99.219 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.04 min

Lab File: BF116311.D

Acq: 16 Aug 2019 10:11

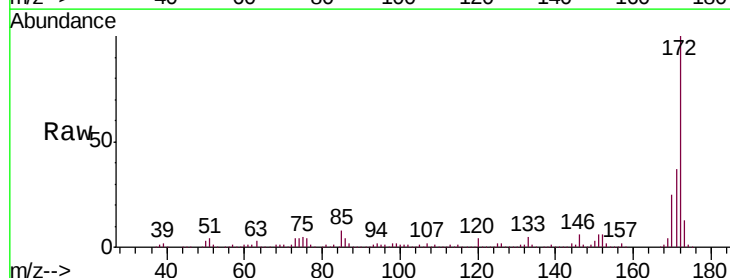
Tgt Ion:172 Resp: 1524589

Ion Ratio Lower Upper

172 100

171 37.0 29.6 44.4

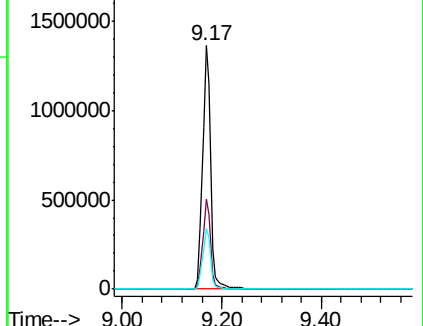
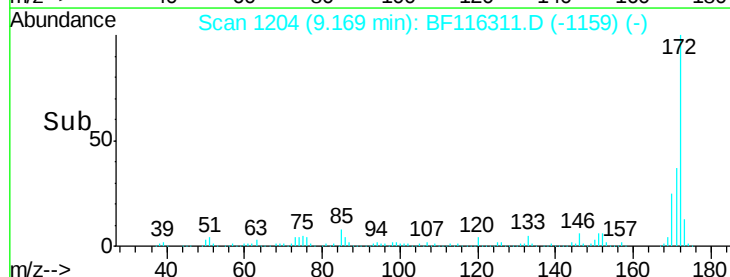
170 24.7 20.1 30.1

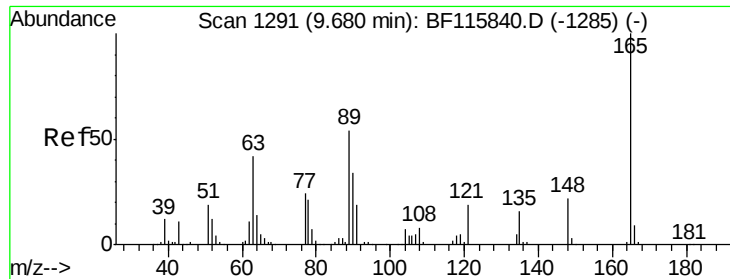


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 8.644 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.18 min

Lab File: BF116311.D

Acq: 16 Aug 2019 10:11

Instrument :

BNA_F

ClientSampleId :

PB122277TB

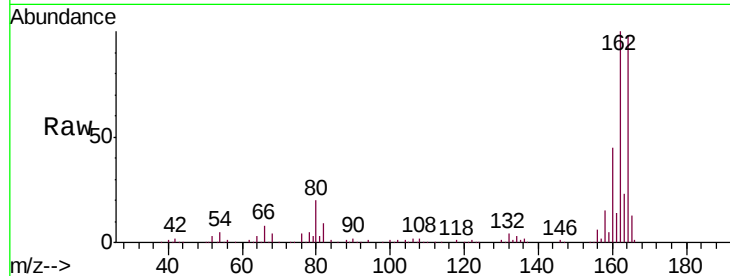
Tgt Ion:165 Resp: 36814

Ion Ratio Lower Upper

165 100

63 1.0 38.2 57.2#

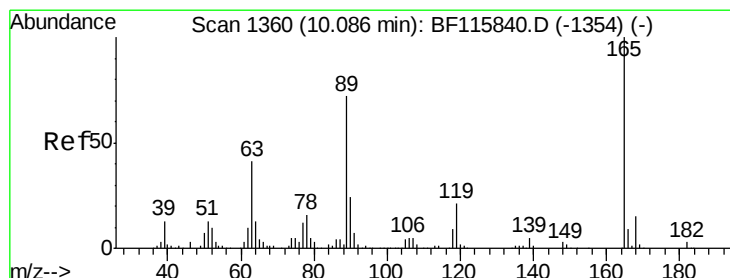
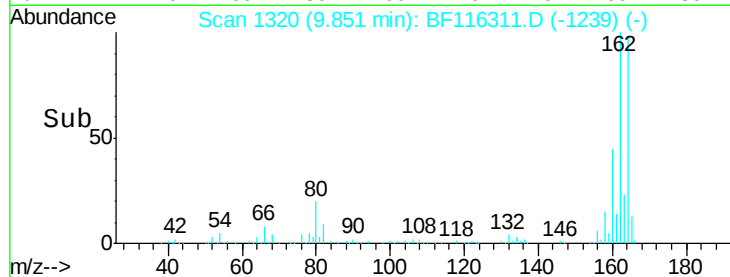
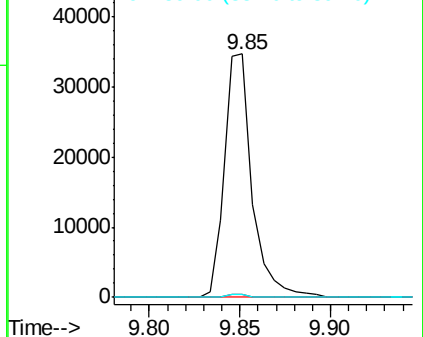
89 1.5 42.9 64.3#



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: 6.493 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.23 min

Lab File: BF116311.D

Acq: 16 Aug 2019 10:11

Tgt Ion:165 Resp: 36814

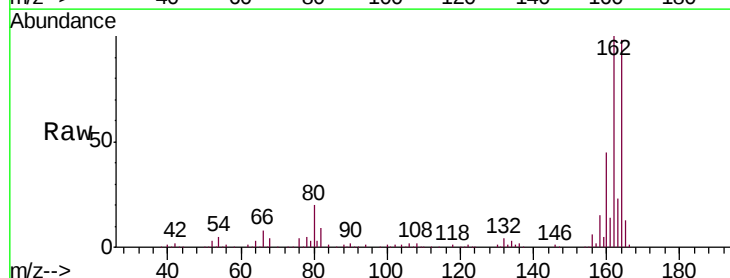
Ion Ratio Lower Upper

165 100

63 1.0 39.6 59.4#

89 1.5 62.2 93.2#

182 0.0 2.1 3.1#

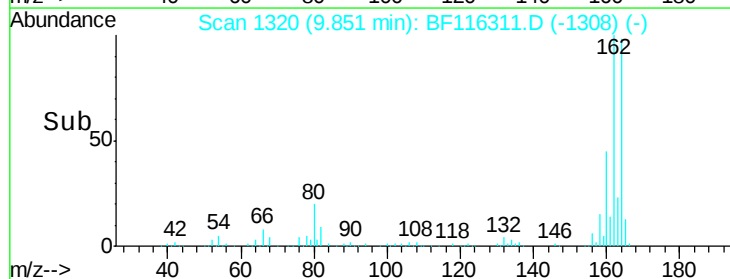
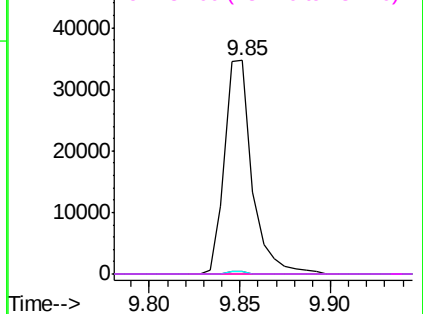


Abundance Ion 165.00 (164.70 to 165.70): E

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

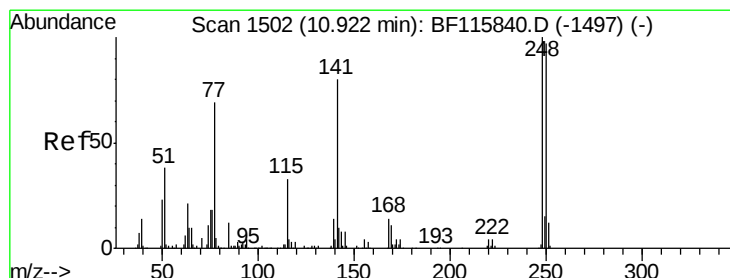
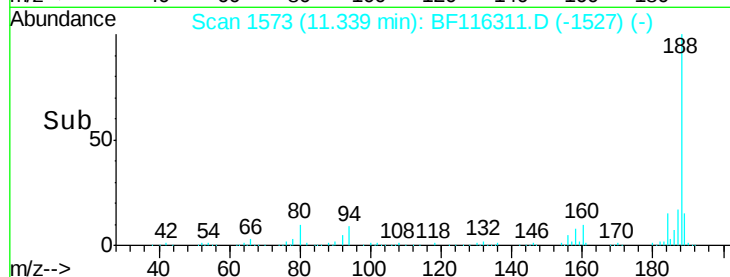
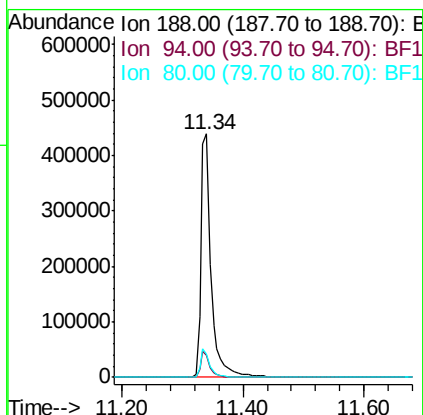
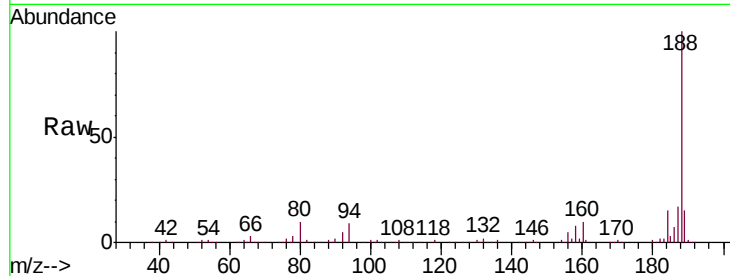




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.03 min
 Lab File: BF116311.D
 Acq: 16 Aug 2019 10:11

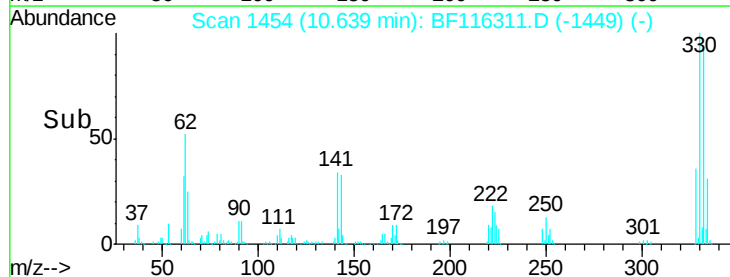
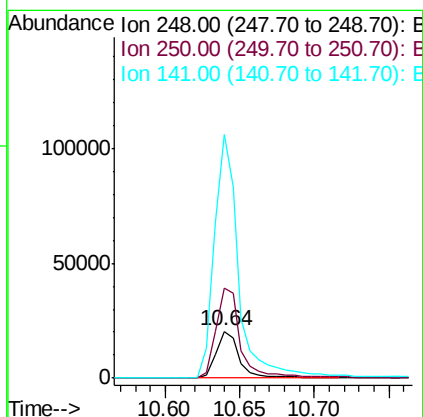
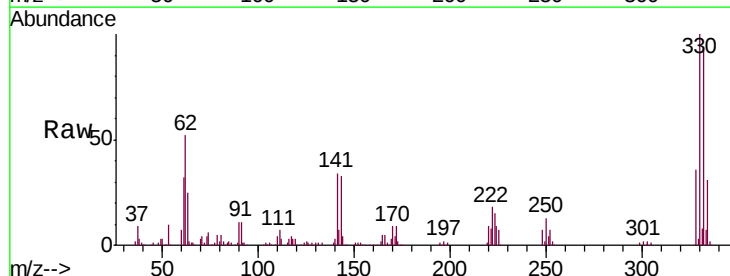
Instrument :
 BNA_F
 ClientSampleId :
 PB122277TB

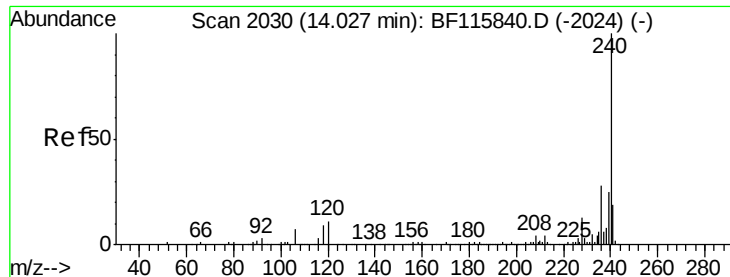
Tgt Ion:188 Resp: 515277
 Ion Ratio Lower Upper
 188 100
 94 8.9 8.1 12.1
 80 9.9 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 4.010 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.27 min
 Lab File: BF116311.D
 Acq: 16 Aug 2019 10:11

Tgt Ion:248 Resp: 22118
 Ion Ratio Lower Upper
 248 100
 250 192.3 77.4 116.2#
 141 518.4 56.8 85.2#

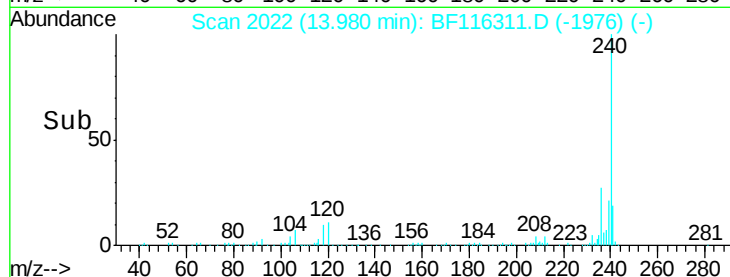
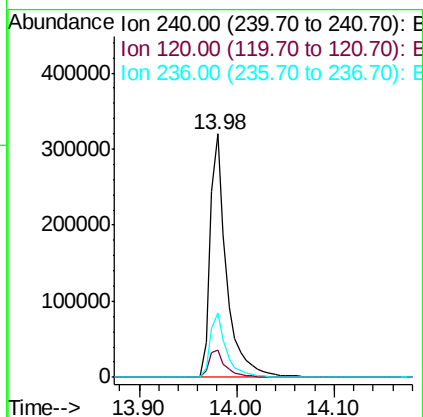
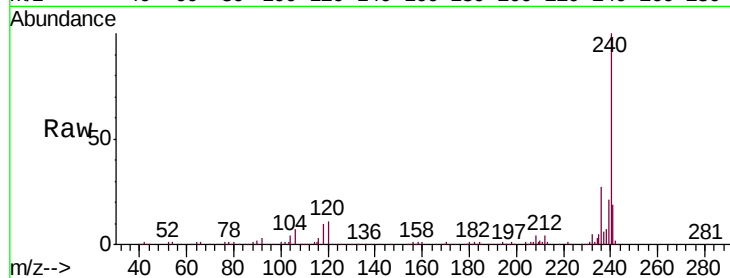




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF116311.D
Acq: 16 Aug 2019 10:11

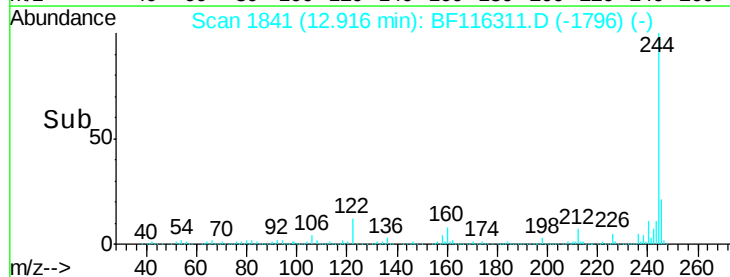
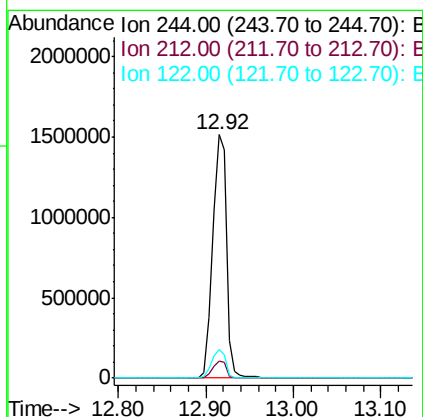
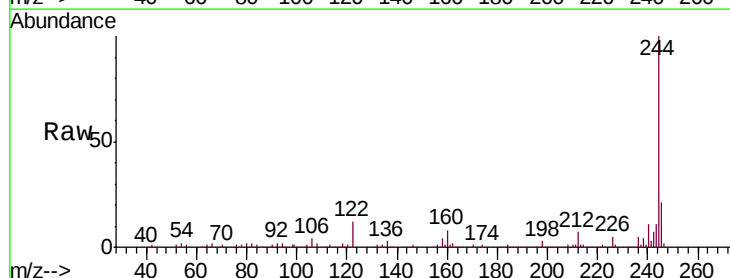
Instrument :
BNA_F
ClientSampleId :
PB122277TB

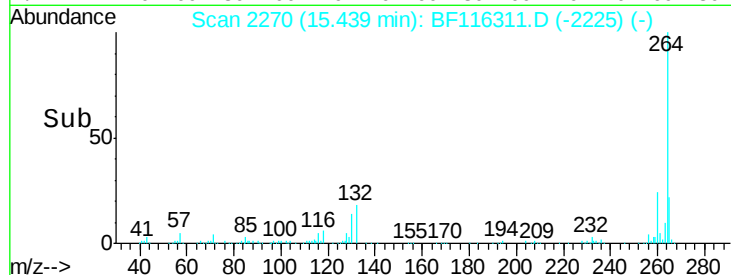
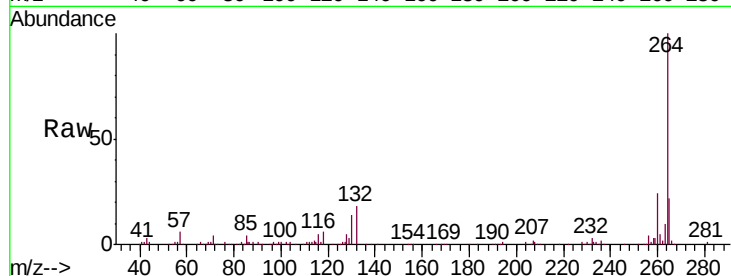
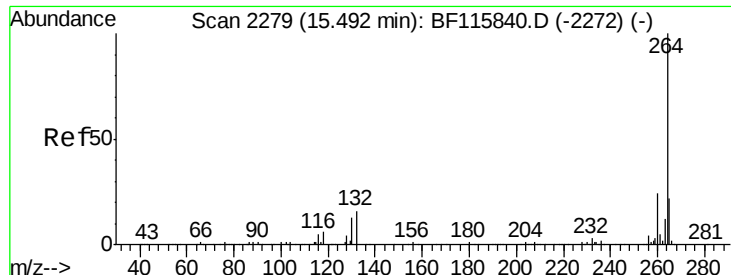
Tgt Ion:240 Resp: 371082
Ion Ratio Lower Upper
240 100
120 11.0 10.7 16.1
236 26.6 22.2 33.2



#79
Terphenyl-d14
Concen: 94.981 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.04 min
Lab File: BF116311.D
Acq: 16 Aug 2019 10:11

Tgt Ion:244 Resp: 1672664
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 11.6 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.04 min
Lab File: BF116311.D
Acq: 16 Aug 2019 10:11

Instrument :
BNA_F
ClientSampleId :
PB122277TB

Tgt Ion:	264	Resp:	347621
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.7	29.5
265	22.0	17.4	26.0

