

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081219\
 Data File : BF116188.D
 Acq On : 12 Aug 2019 13:32
 Operator : HP/JU
 Sample : PB122127BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122127BL

Quant Time: Aug 12 15:03:42 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

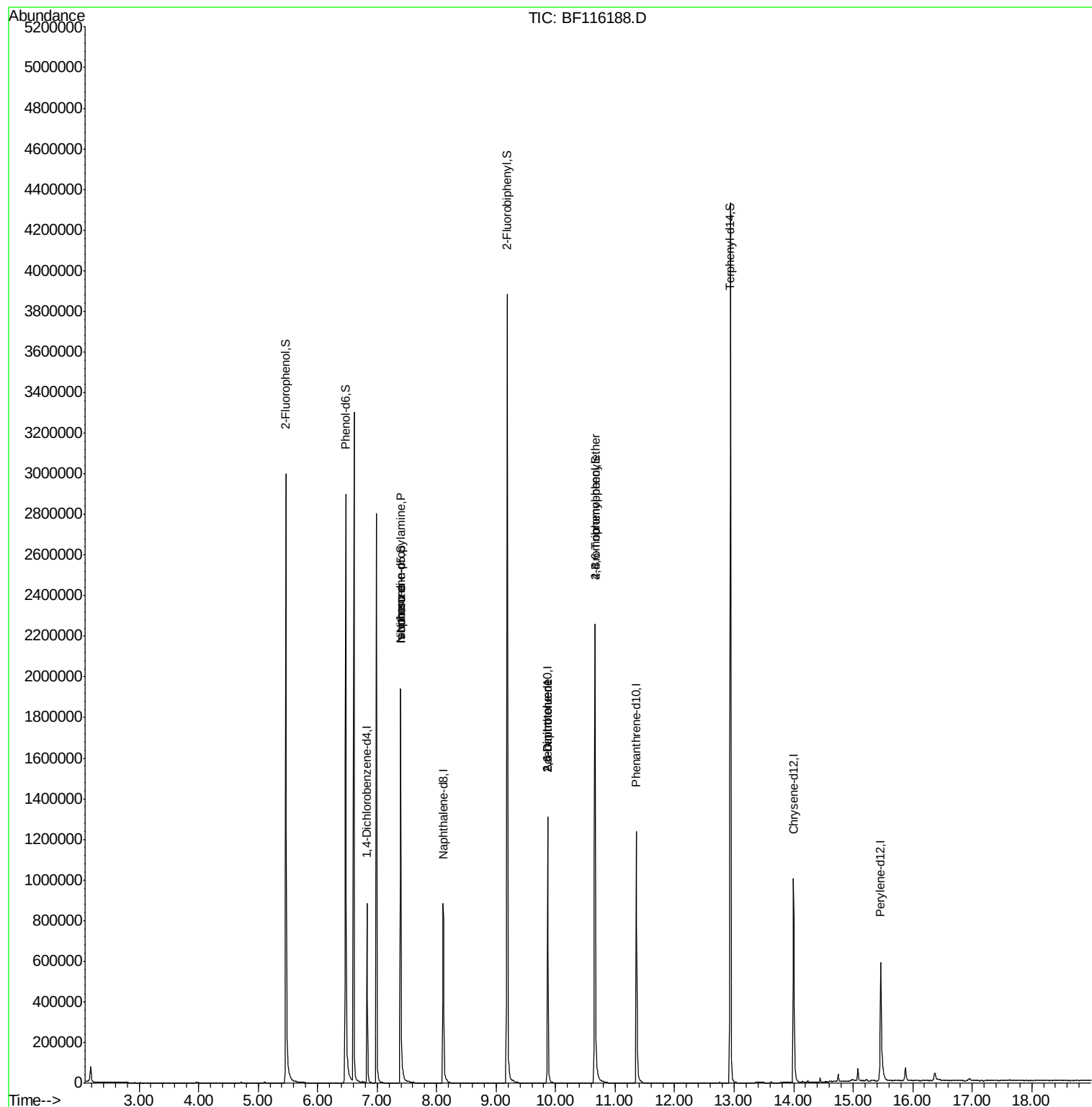
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	136149	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	533962	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	293758	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	548513	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	419524	20.00	ng	-0.01
87) Perylene-d12	15.47	264	381302	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	972417	119.57	ng	0.00
7) Phenol-d6	6.47	99	1276174	124.37	ng	-0.01
23) Nitrobenzene-d5	7.40	82	839102	90.71	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	372130	130.66	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1502053	95.77	ng	-0.02
79) Terphenyl-d14	12.94	244	1765679	88.69	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	111552	17.544	ng	# 77
25) Isophorone	7.40	82	839098	47.438	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	37330	8.588	ng	# 28
57) 2,4-Dinitrotoluene	9.87	165	37330	6.450	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	22399	3.815	ng	# 1

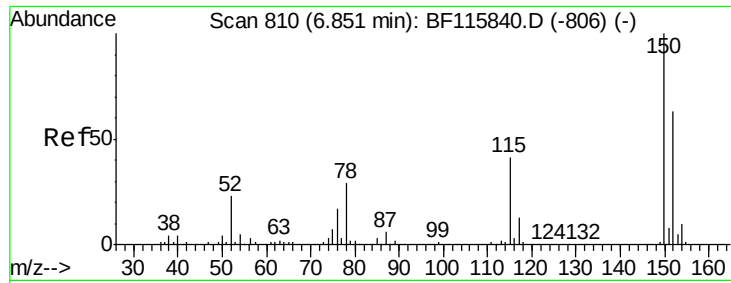
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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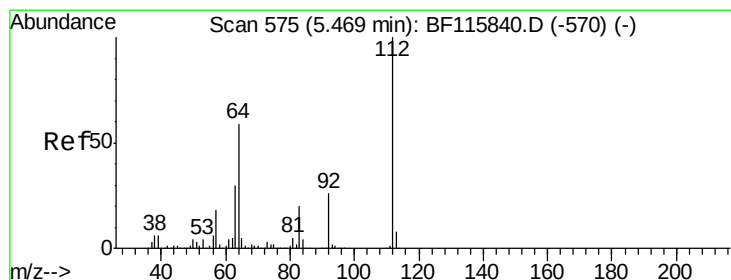
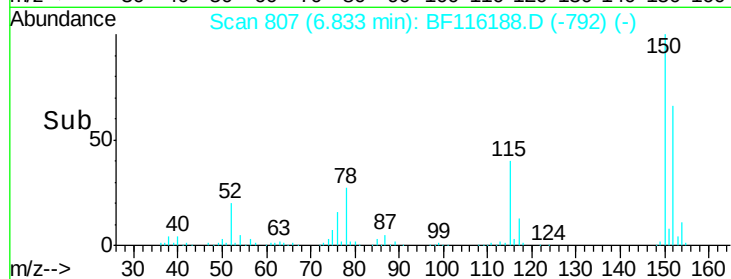
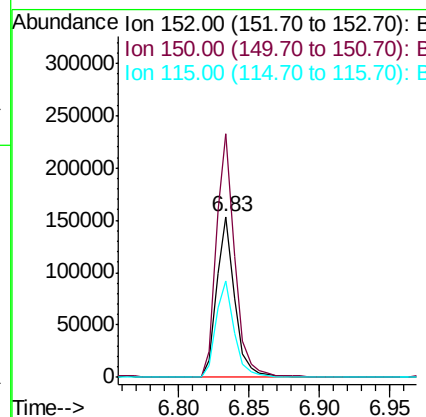
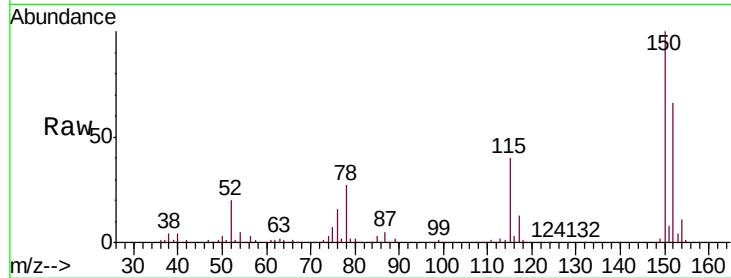




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF116188.D
 Acq: 12 Aug 2019 13:32

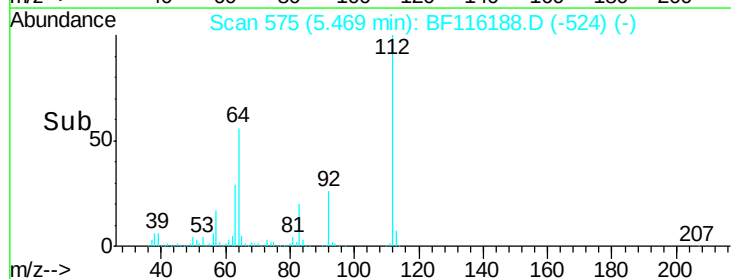
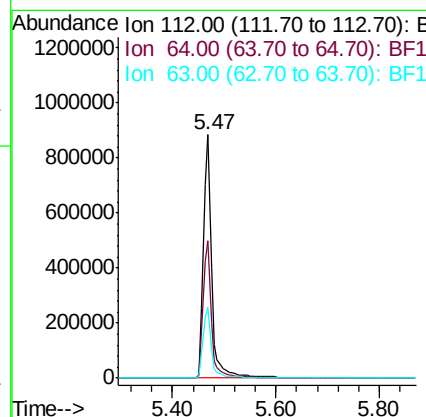
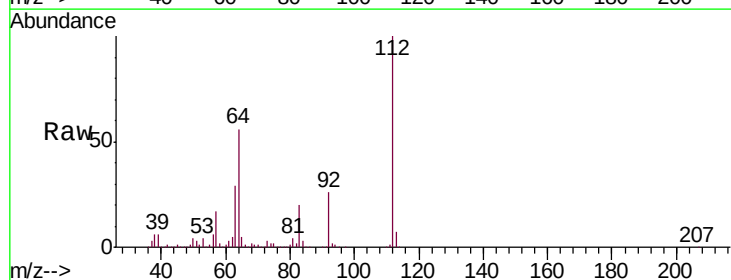
Instrument :
 BNA_F
 ClientSampleId :
 PB122127BL

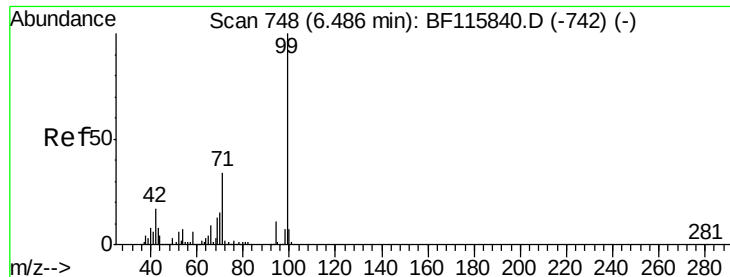
Tgt Ion:152 Resp: 136149
 Ion Ratio Lower Upper
 152 100
 150 151.4 126.2 189.2
 115 59.9 49.9 74.9



#5
 2-Fluorophenol
 Concen: 119.567 ng
 RT: 5.47 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF116188.D
 Acq: 12 Aug 2019 13:32

Tgt Ion:112 Resp: 972417
 Ion Ratio Lower Upper
 112 100
 64 56.4 45.4 68.2
 63 29.3 23.7 35.5





#7

Phenol-d6

Concen: 124.371 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116188.D

Acq: 12 Aug 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB122127BL

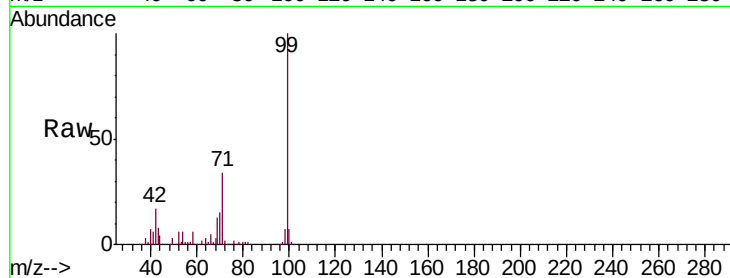
Tgt Ion: 99 Resp: 1276174

Ion Ratio Lower Upper

99 100

42 16.6 13.8 20.8

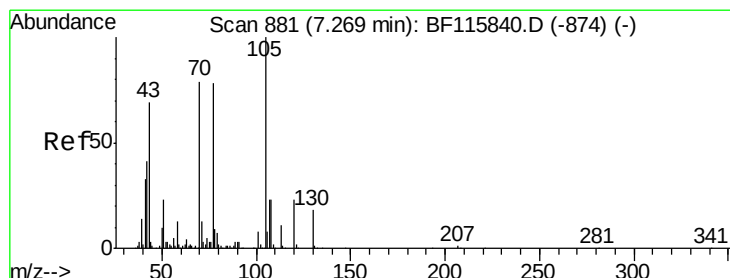
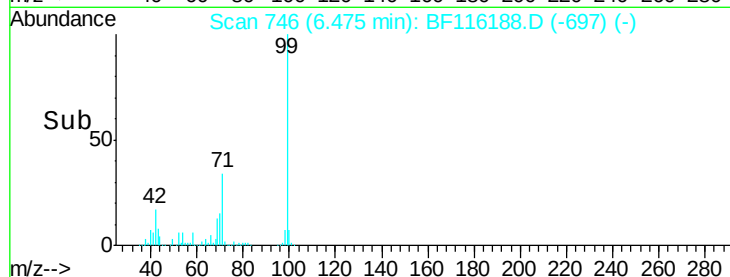
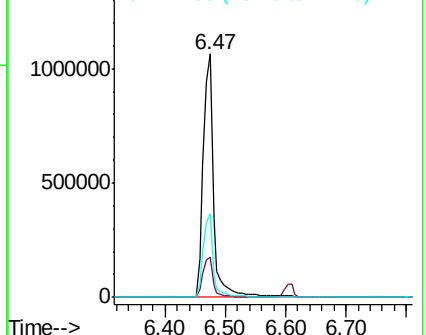
71 34.2 27.3 40.9



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: 17.544 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF116188.D

Acq: 12 Aug 2019 13:32

Tgt Ion: 70 Resp: 111552

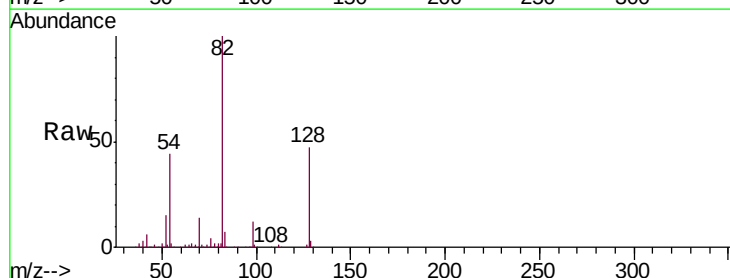
Ion Ratio Lower Upper

70 100

42 41.0 40.9 61.3

101 0.0 7.9 11.9#

130 2.2 16.9 25.3#

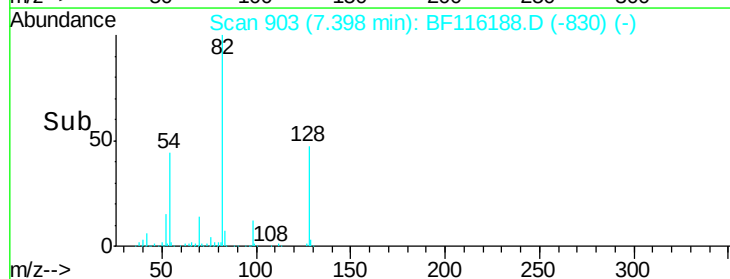
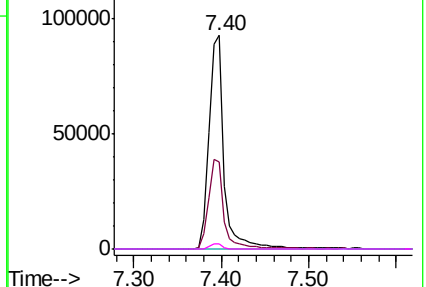


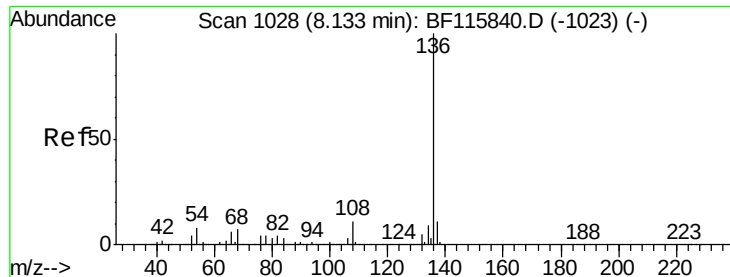
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

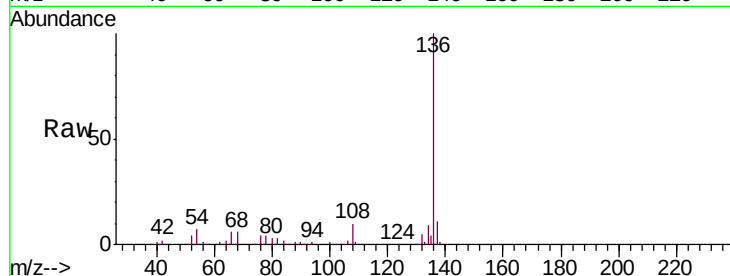




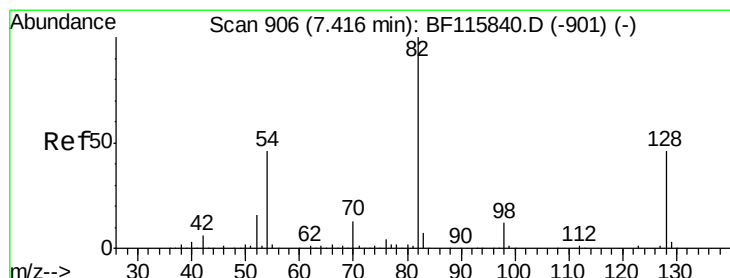
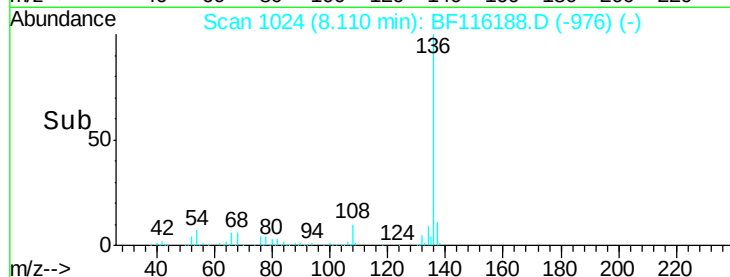
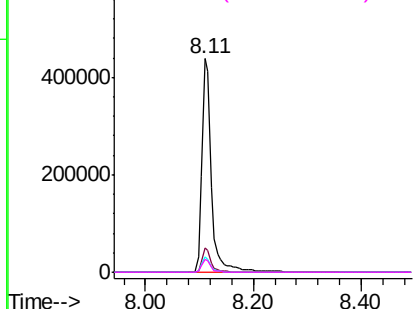
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF116188.D
Acq: 12 Aug 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB122127BL

Tgt Ion:	136	Resp:	533962
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.3	5.8	8.6
68	6.3	5.2	7.8

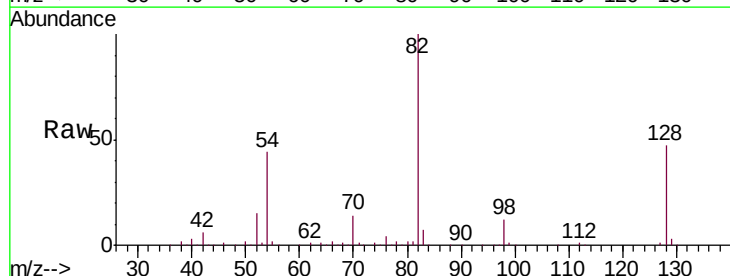


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

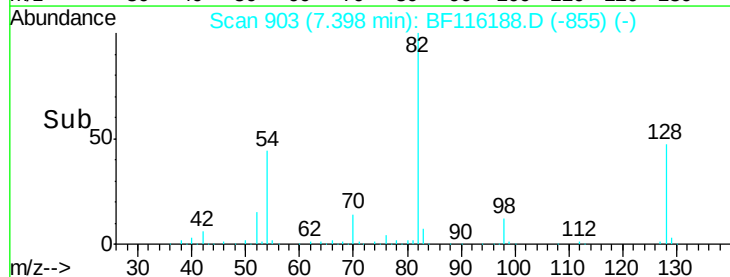
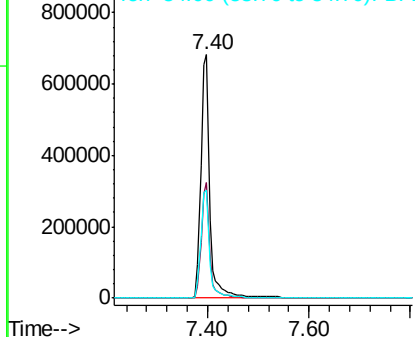


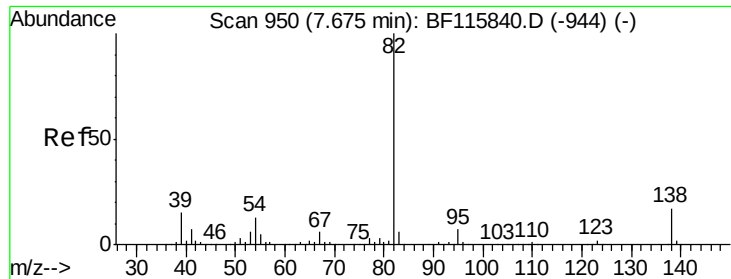
#23
Nitrobenzene-d5
Concen: 90.710 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116188.D
Acq: 12 Aug 2019 13:32

Tgt Ion:	82	Resp:	839102
Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.5	54.7
54	44.1	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: 47.438 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF116188.D

Acq: 12 Aug 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB122127BL

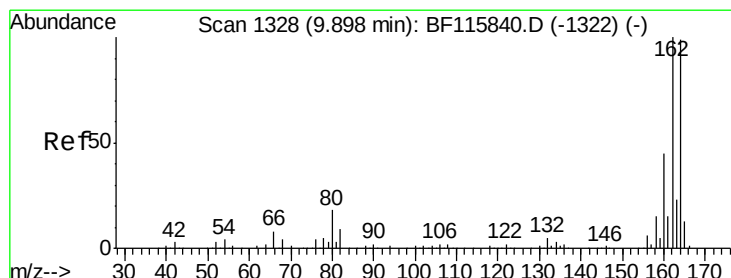
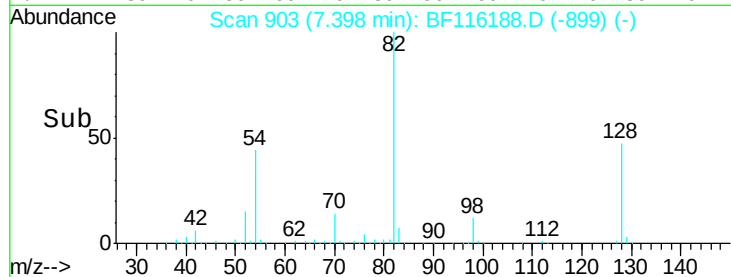
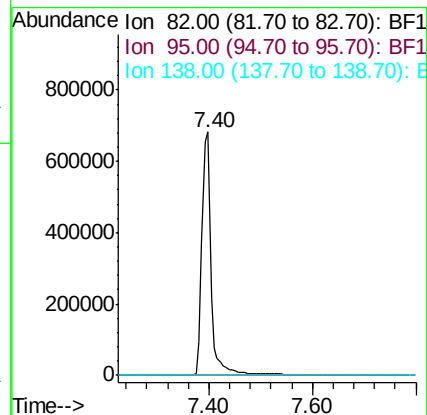
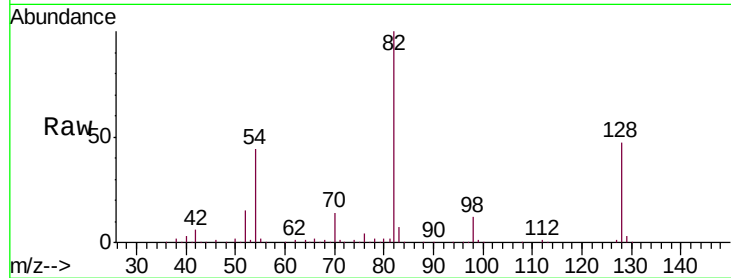
Tgt Ion: 82 Resp: 839098

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: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116188.D

Acq: 12 Aug 2019 13:32

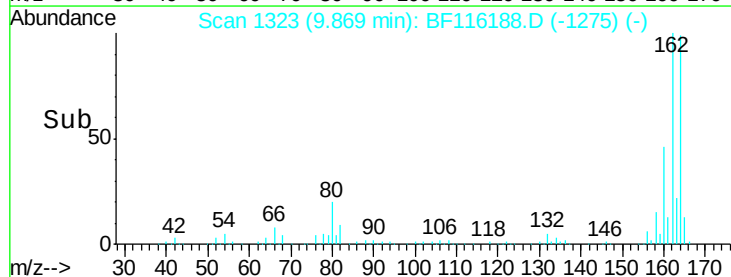
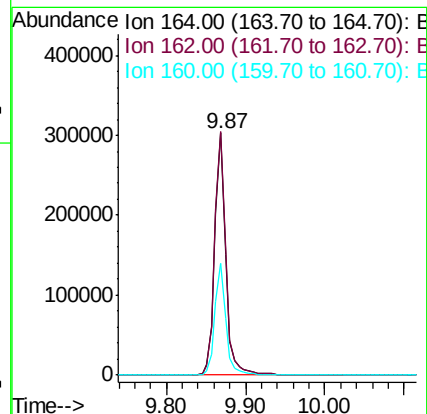
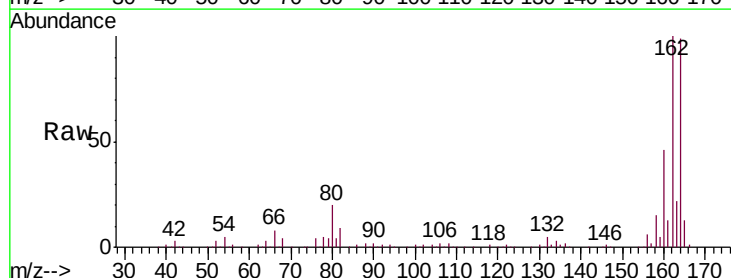
Tgt Ion: 164 Resp: 293758

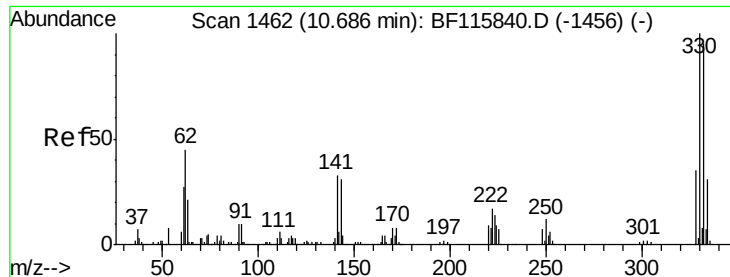
Ion Ratio Lower Upper

164 100

162 100.6 82.6 124.0

160 46.2 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 130.661 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116188.D

Acq: 12 Aug 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB122127BL

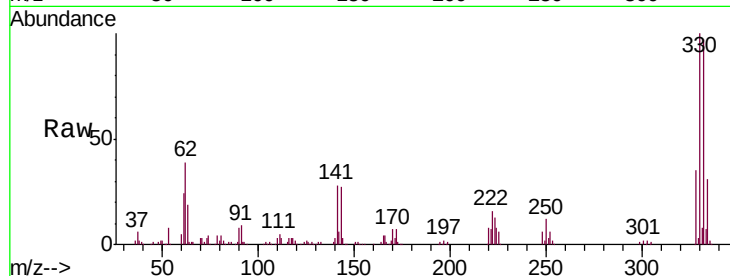
Tgt Ion:330 Resp: 372130

Ion Ratio Lower Upper

330 100

332 96.4 76.8 115.2

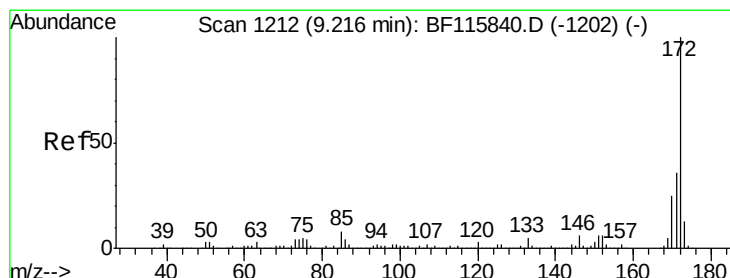
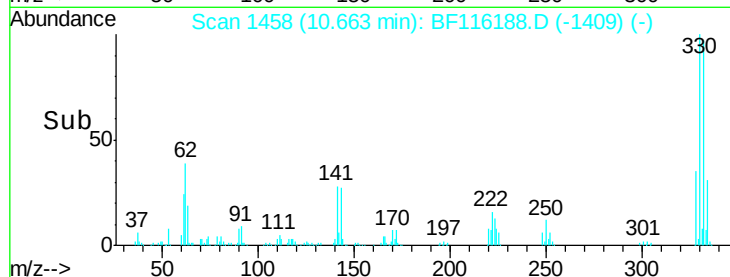
141 32.7 26.3 39.5



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: 95.775 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF116188.D

Acq: 12 Aug 2019 13:32

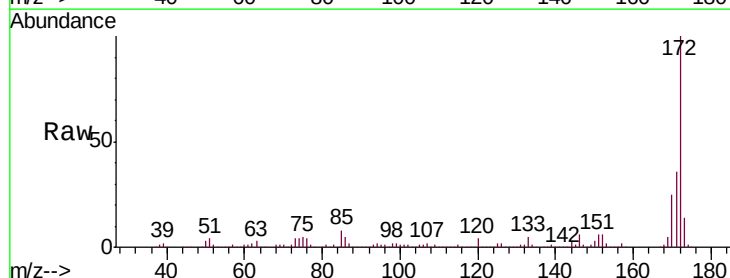
Tgt Ion:172 Resp: 1502053

Ion Ratio Lower Upper

172 100

171 36.2 29.6 44.4

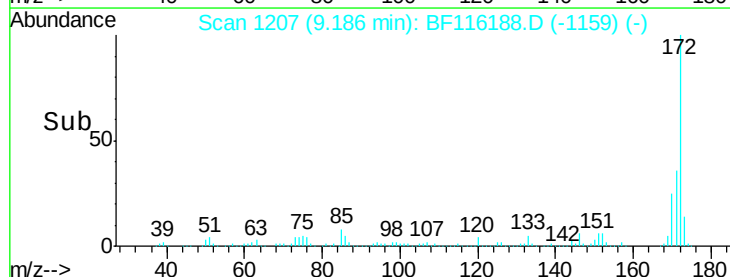
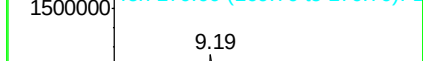
170 25.2 20.1 30.1



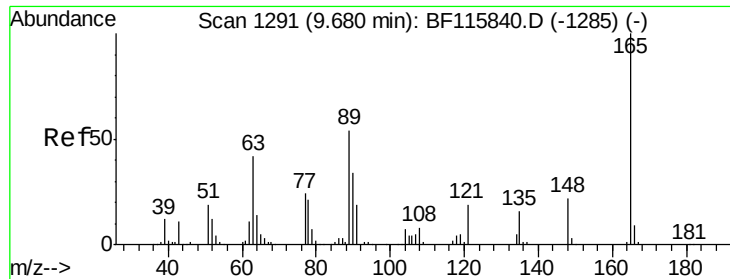
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



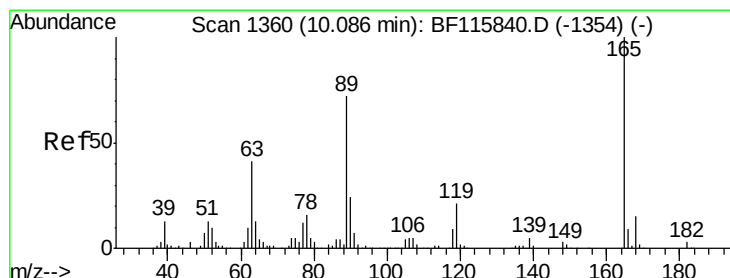
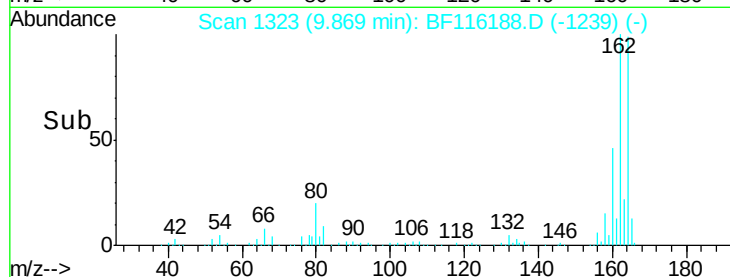
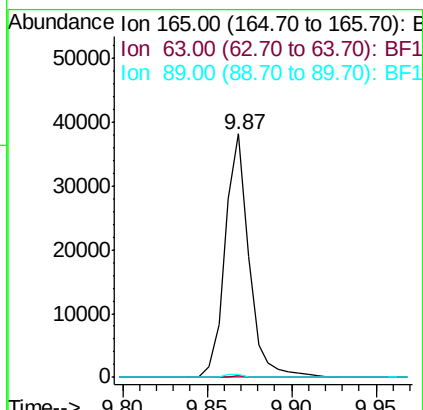
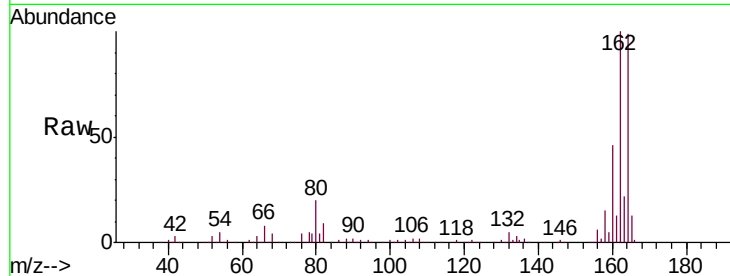
Time-->



#51
 2,6-Dinitrotoluene
 Concen: 8.588 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116188.D
 Acq: 12 Aug 2019 13:32

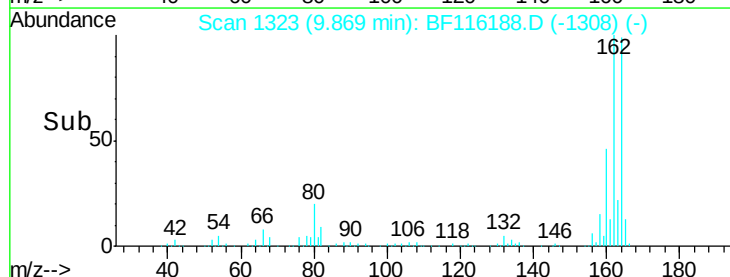
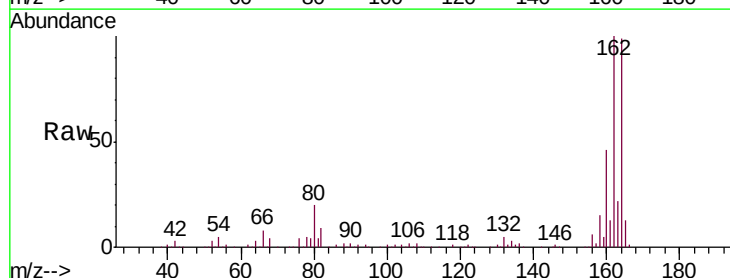
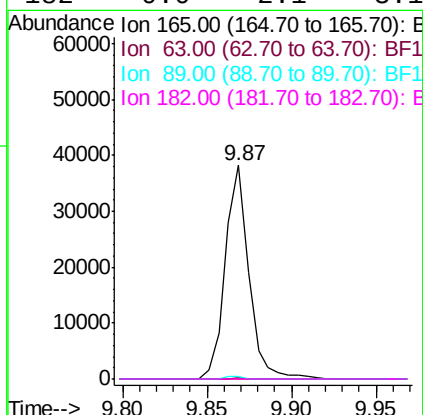
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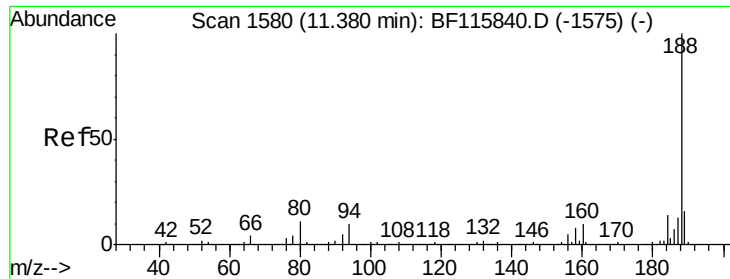
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	38.2	57.2#
89	1.4	42.9	64.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.450 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116188.D
 Acq: 12 Aug 2019 13:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	39.6	59.4#
89	1.4	62.2	93.2#
182	0.0	2.1	3.1#

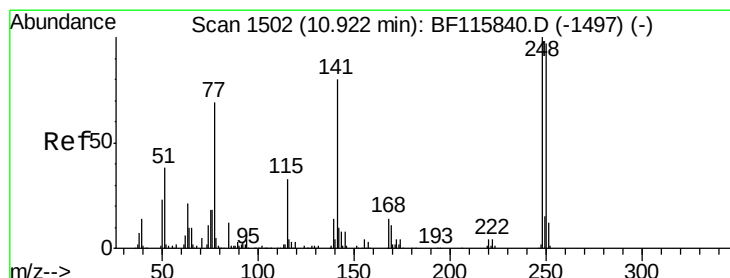
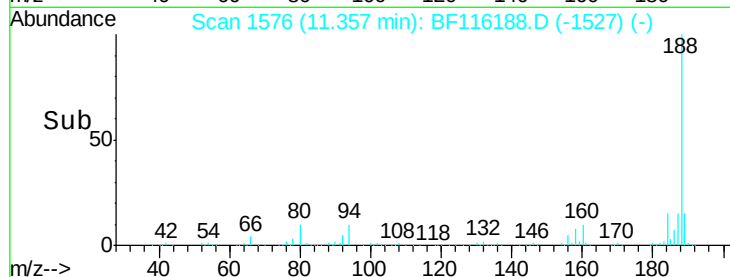
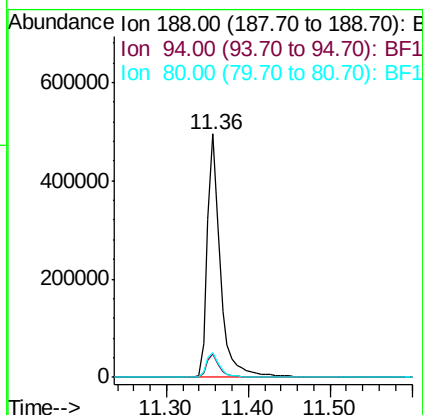
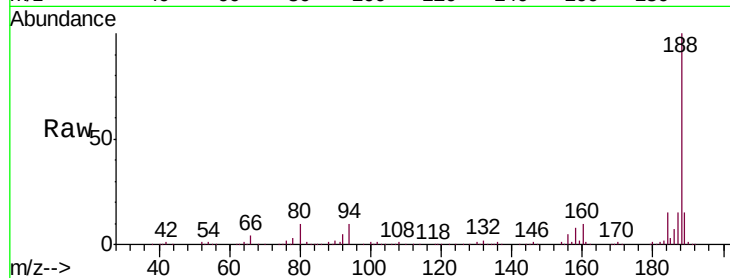




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116188.D
 Acq: 12 Aug 2019 13:32

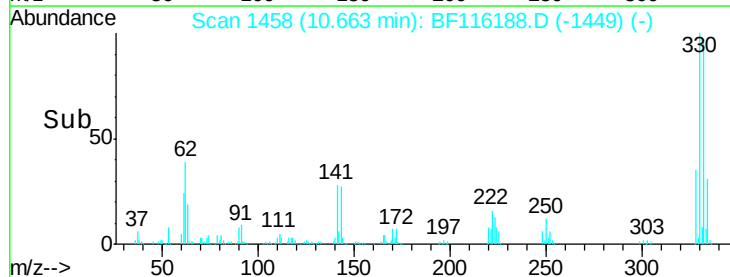
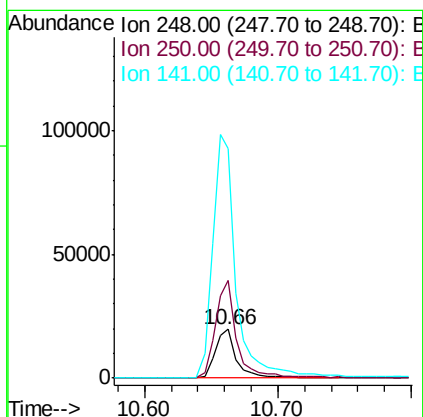
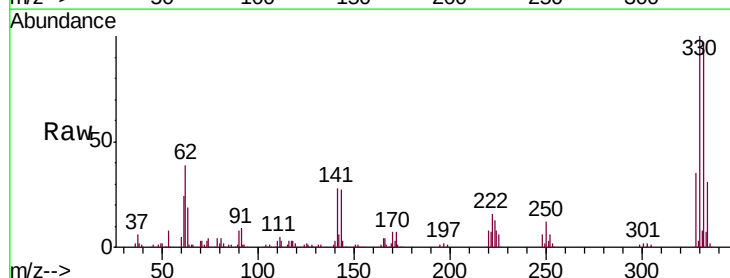
Instrument :
 BNA_F
 ClientSampleId :
 PB122127BL

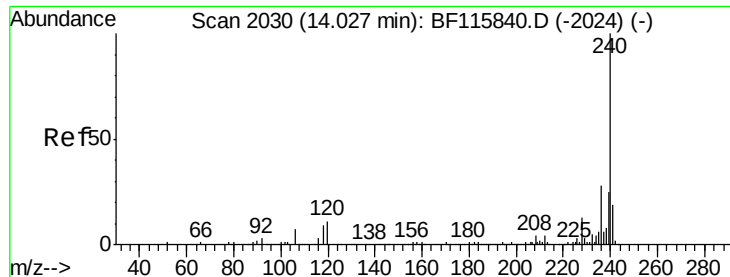
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.1	12.1
80	10.1	8.7	13.1



#67
 4-Bromophenyl-phenylether
 Concen: 3.815 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116188.D
 Acq: 12 Aug 2019 13:32

Tgt Ion	Ratio	Lower	Upper
248	100		
250	200.1	77.4	116.2#
141	472.5	56.8	85.2#

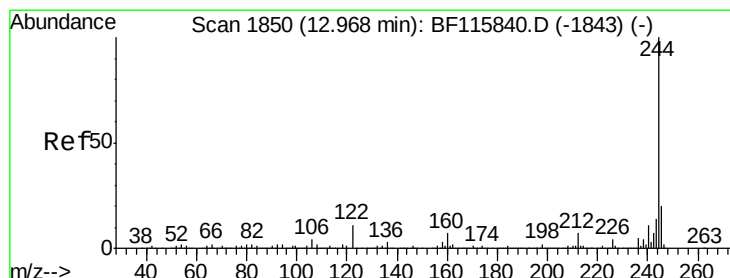
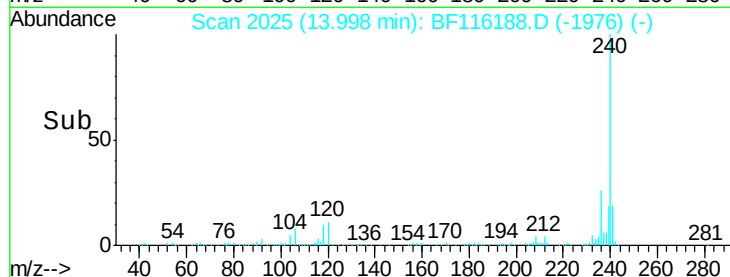
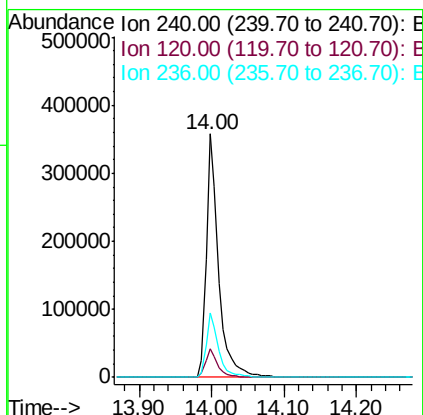
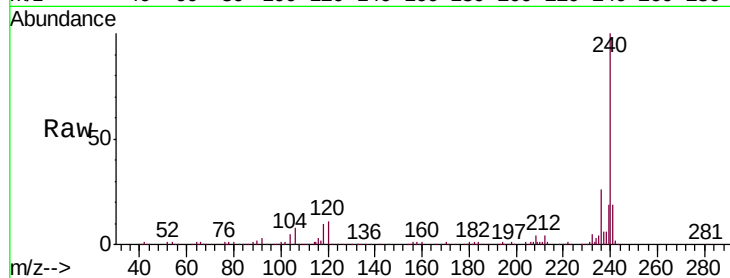




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116188.D
Acq: 12 Aug 2019 13:32

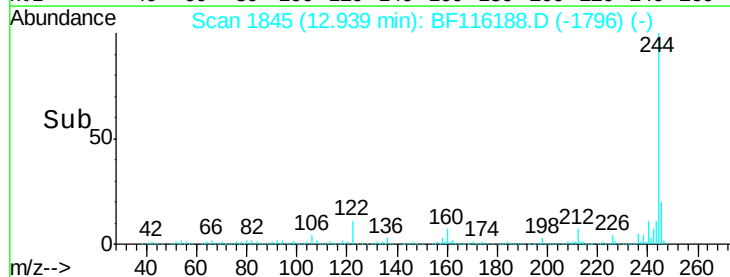
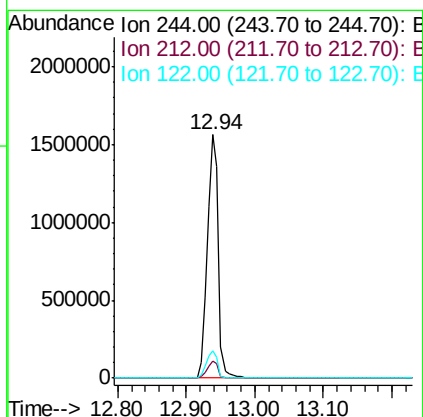
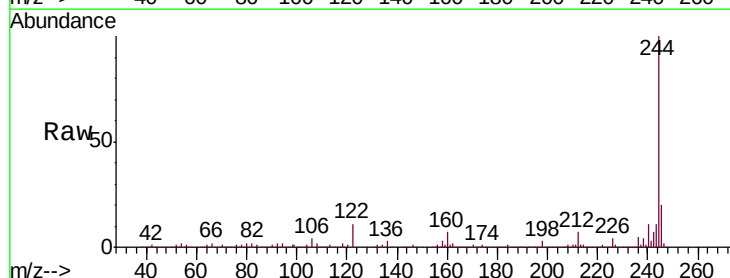
Instrument :
BNA_F
ClientSampleId :
PB122127BL

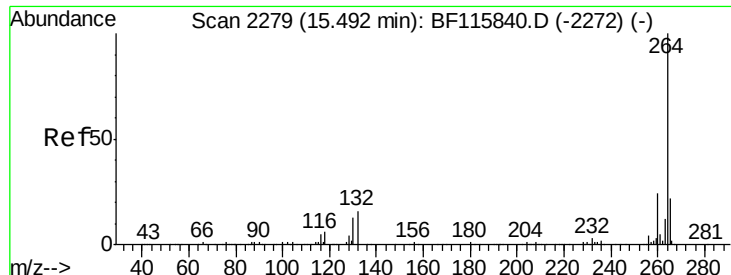
Tgt Ion:240 Resp: 419524
Ion Ratio Lower Upper
240 100
120 11.5 10.7 16.1
236 26.5 22.2 33.2



#79
Terphenyl-d14
Concen: 88.686 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116188.D
Acq: 12 Aug 2019 13:32

Tgt Ion:244 Resp: 1765679
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 11.4 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116188.D
Acq: 12 Aug 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB122127BL

Tgt Ion: 264 Resp: 381302
Ion Ratio Lower Upper
264 100
260 24.8 19.7 29.5
265 21.1 17.4 26.0

