

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
 Data File : BF116426.D
 Acq On : 20 Aug 2019 11:17
 Operator : HP/JU
 Sample : PB122336BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122336BL

Quant Time: Aug 20 15:09:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

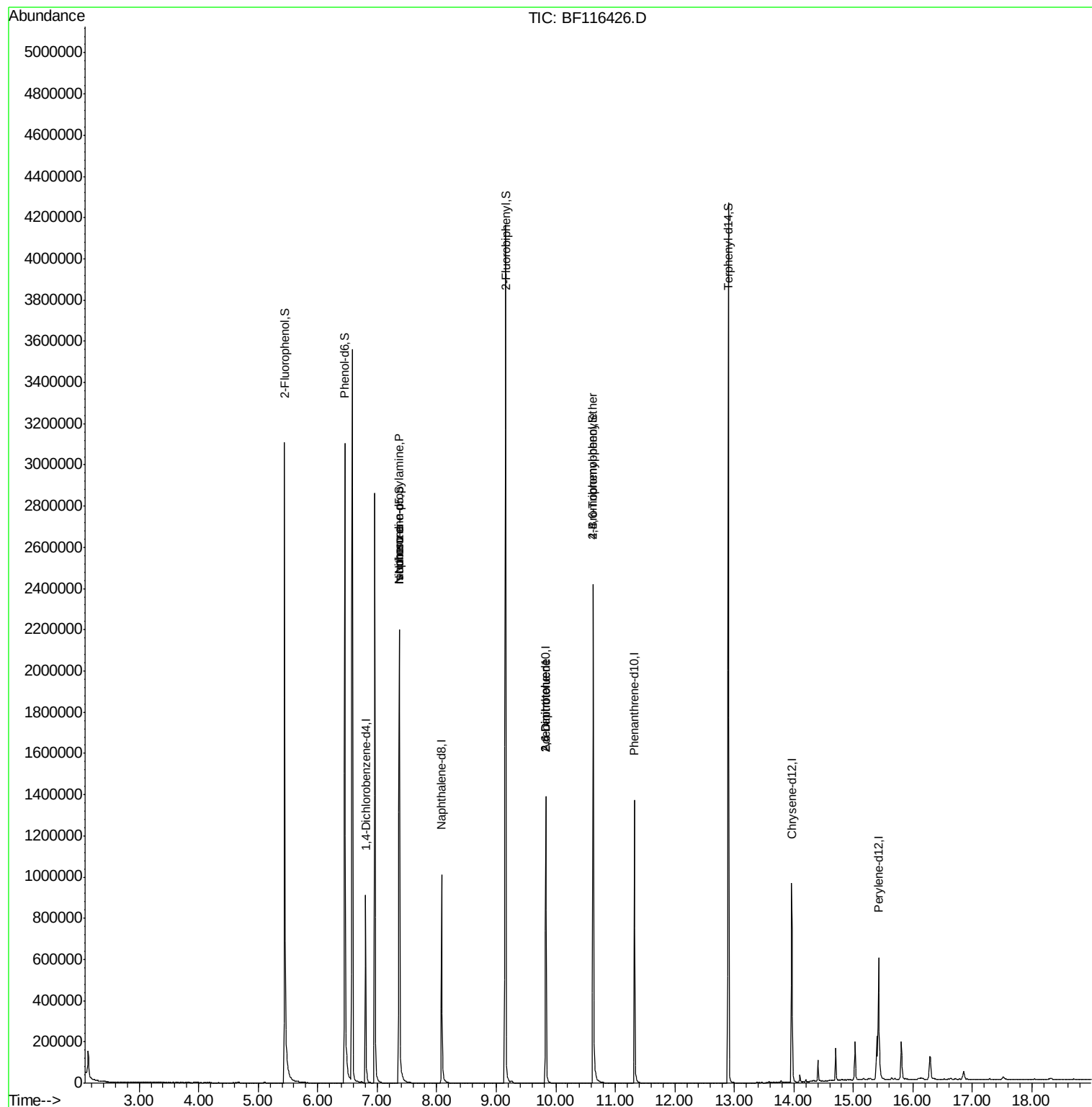
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	141820	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	536200	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	282731	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	496479	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	352334	20.00	ng	-0.02
87) Perylene-d12	15.42	264	323861	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1047700	123.67	ng	0.00
7) Phenol-d6	6.46	99	1338122	125.19	ng	0.00
23) Nitrobenzene-d5	7.37	82	864397	93.05	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	345071	125.89	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1455534	96.43	ng	-0.01
79) Terphenyl-d14	12.90	244	1606285	96.07	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	114168	17.237	ng	# 80
25) Isophorone	7.37	82	864397	48.665	ng	# 65
51) 2,6-Dinitrotoluene	9.83	165	36330	8.684	ng	# 29
57) 2,4-Dinitrotoluene	9.83	165	36330	6.522	ng	# 20
67) 4-Bromophenyl-phenylether	10.63	248	21057	3.962	ng	# 1

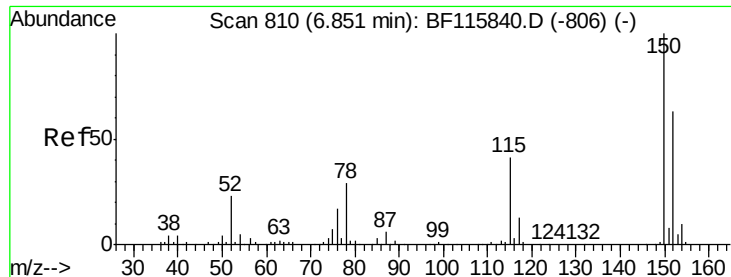
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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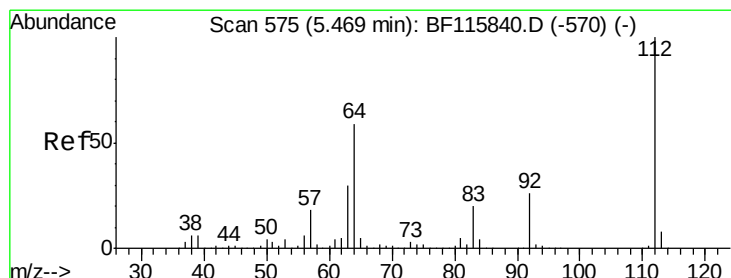
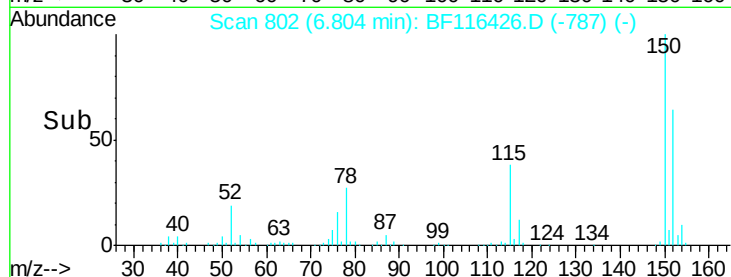
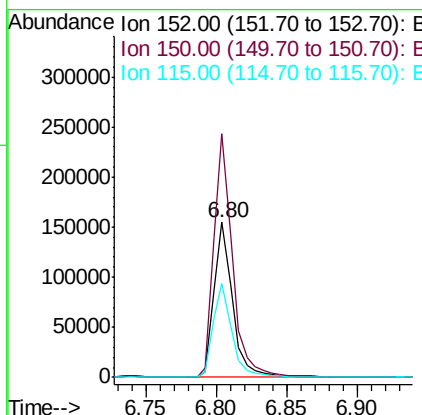
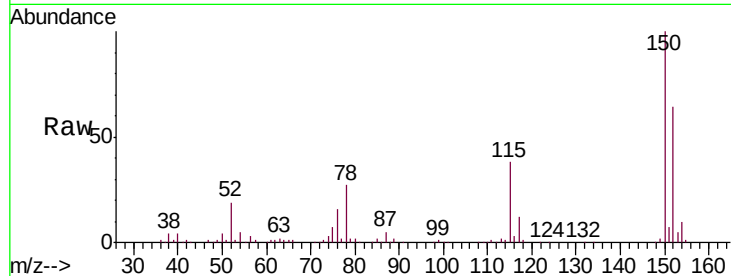


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116426.D
Acq: 20 Aug 2019 11:17

Instrument :
BNA_F
ClientSampleId :
PB122336BL

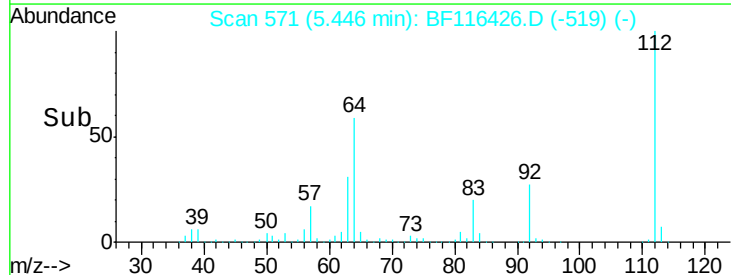
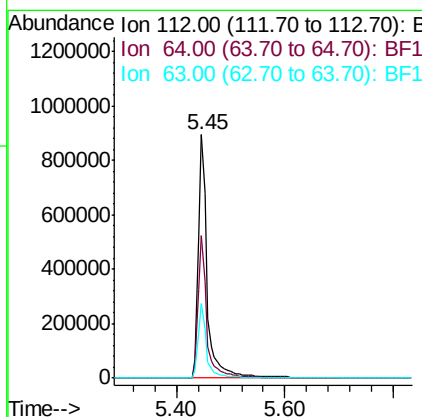
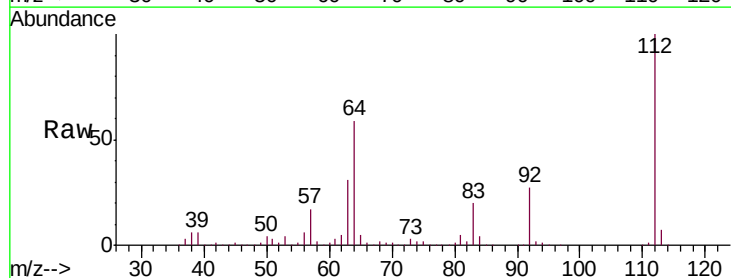
Tgt Ion:152 Resp: 141820
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 60.2 49.9 74.9

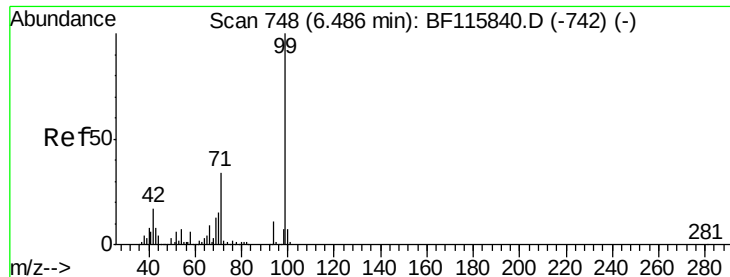


#5

2-Fluorophenol
Concen: 123.672 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF116426.D
Acq: 20 Aug 2019 11:17

Tgt Ion:112 Resp: 1047700
Ion Ratio Lower Upper
112 100
64 58.6 45.4 68.2
63 30.7 23.7 35.5





#7

Phenol-d6

Concen: 125.193 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF116426.D

Acq: 20 Aug 2019 11:17

Instrument :

BNA_F

ClientSampleId :

PB122336BL

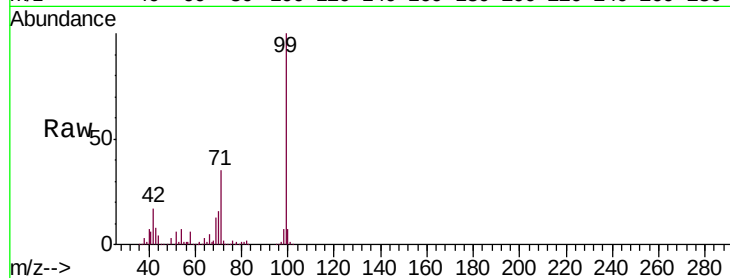
Tgt Ion: 99 Resp: 1338122

Ion Ratio Lower Upper

99 100

42 17.0 13.8 20.8

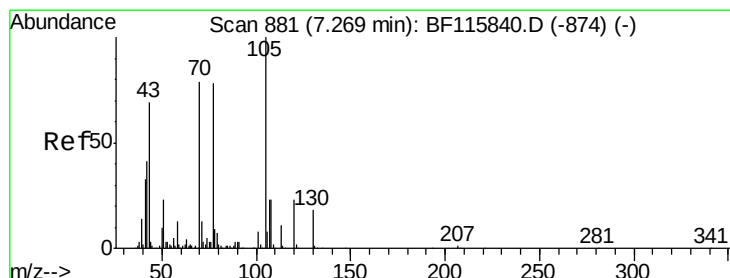
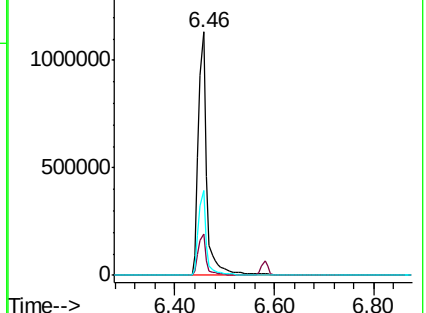
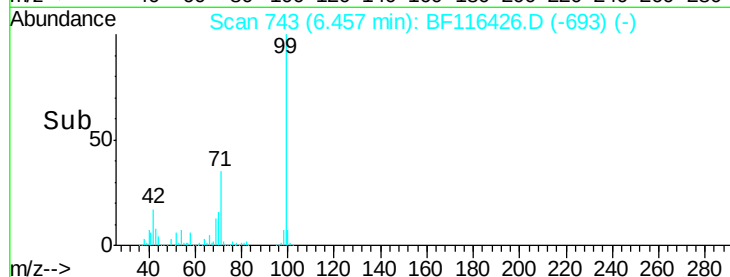
71 34.6 27.3 40.9



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: 17.237 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF116426.D

Acq: 20 Aug 2019 11:17

Tgt Ion: 70 Resp: 114168

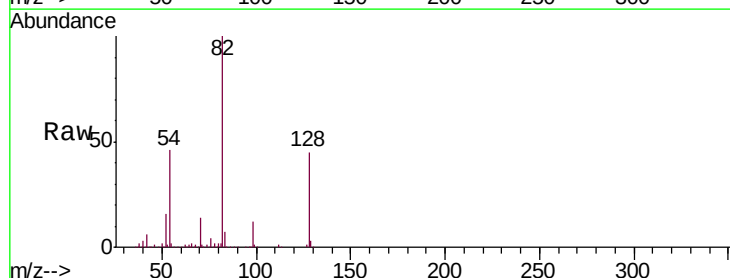
Ion Ratio Lower Upper

70 100

42 43.4 40.9 61.3

101 0.0 7.9 11.9#

130 2.1 16.9 25.3#

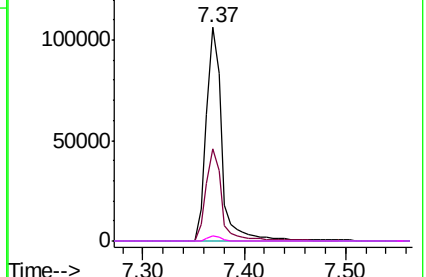
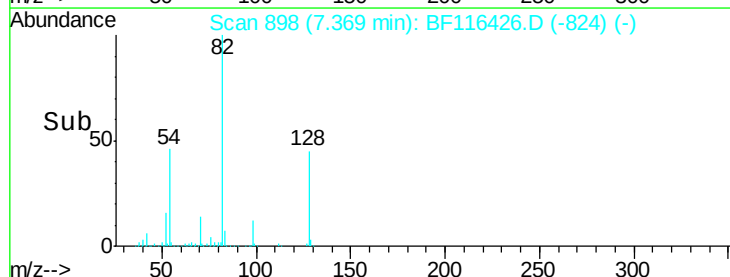


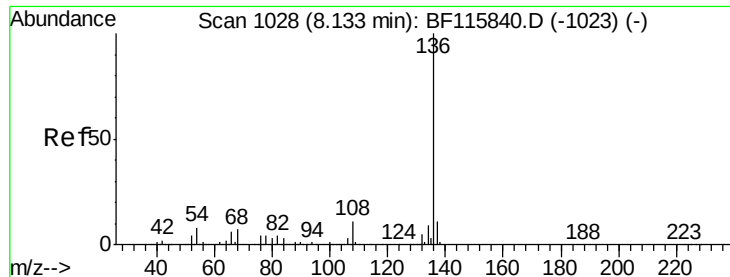
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

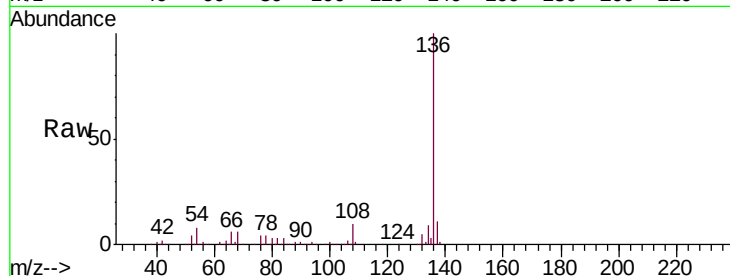




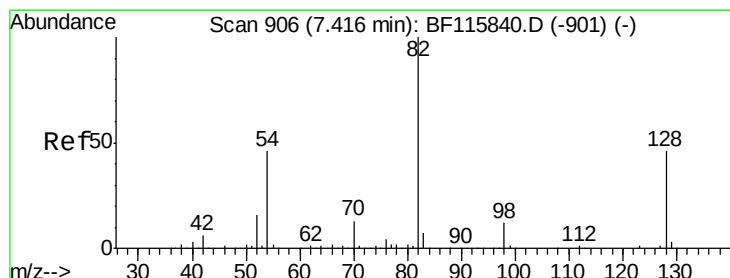
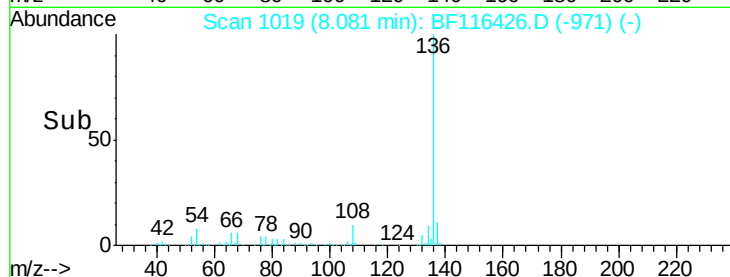
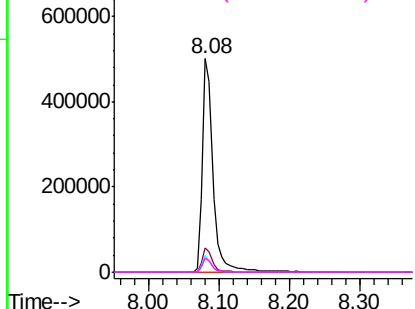
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF116426.D
Acq: 20 Aug 2019 11:17

Instrument :
BNA_F
ClientSampleId :
PB122336BL

Tgt Ion:	136	Resp:	536200
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.5	5.8	8.6
68	6.4	5.2	7.8

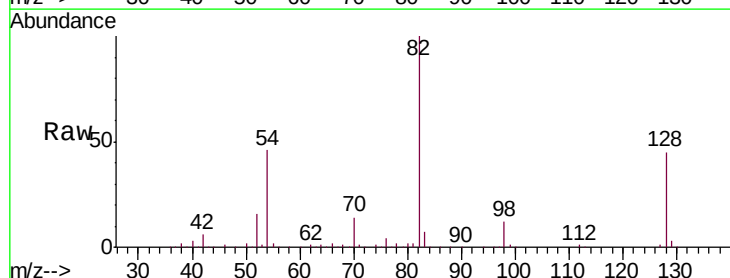


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

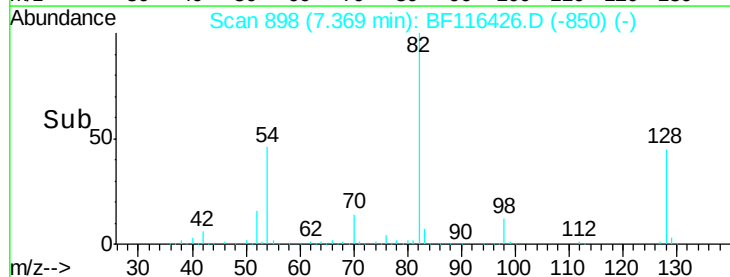
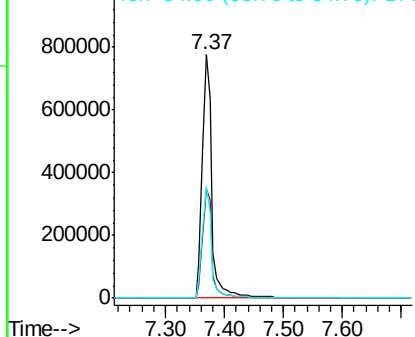


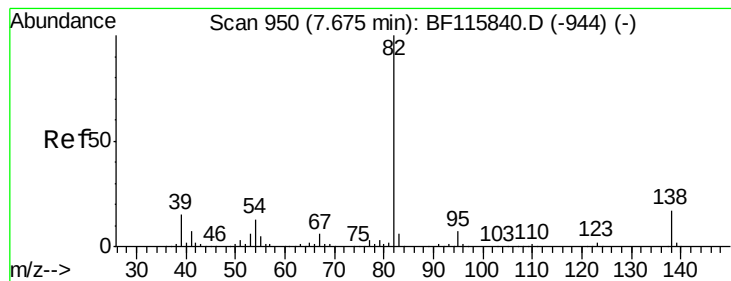
#23
Nitrobenzene-d5
Concen: 93.054 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF116426.D
Acq: 20 Aug 2019 11:17

Tgt Ion:	82	Resp:	864397
Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.5	54.7
54	45.7	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: 48.665 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.27 min

Lab File: BF116426.D

Acq: 20 Aug 2019 11:17

Instrument :

BNA_F

ClientSampleId :

PB122336BL

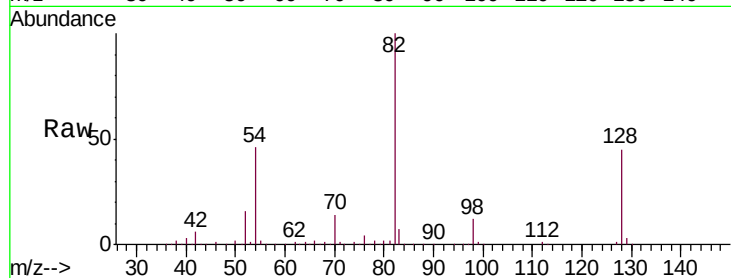
Tgt Ion: 82 Resp: 864397

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

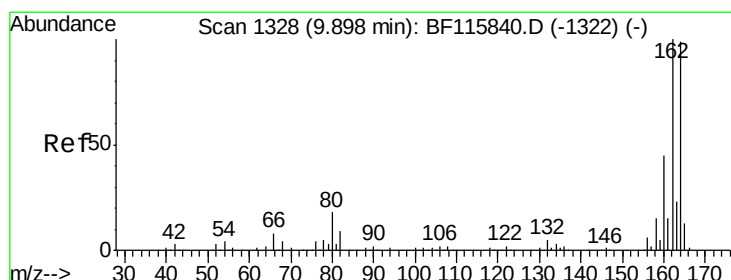
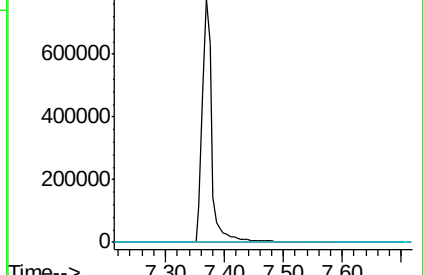
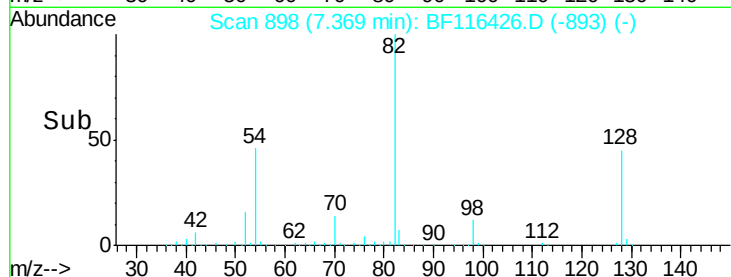
138 0.0 14.5 21.7#



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: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF116426.D

Acq: 20 Aug 2019 11:17

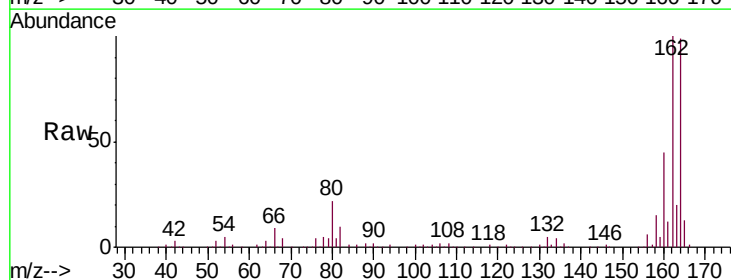
Tgt Ion: 164 Resp: 282731

Ion Ratio Lower Upper

164 100

162 101.4 82.6 124.0

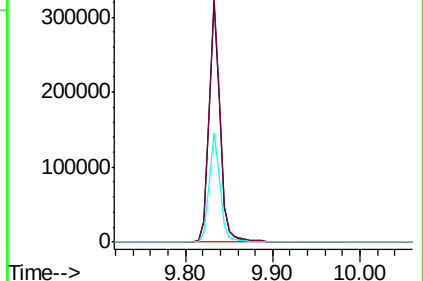
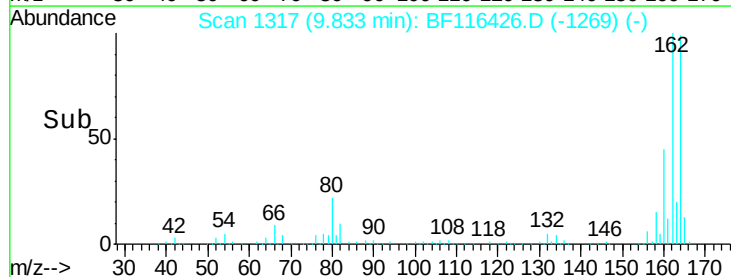
160 45.5 37.6 56.4

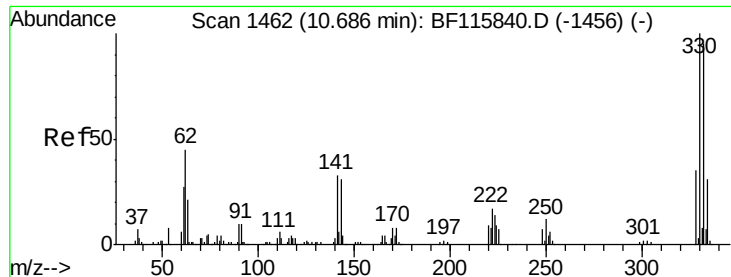


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

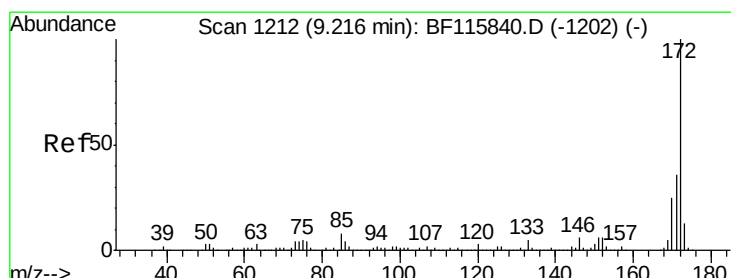
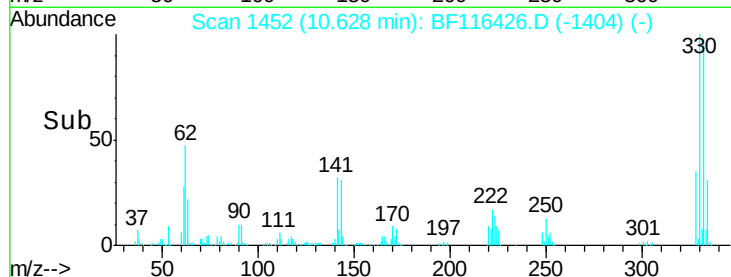
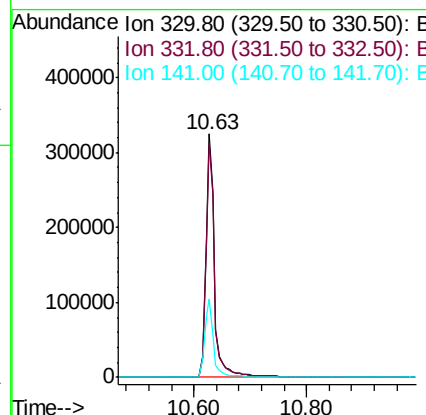
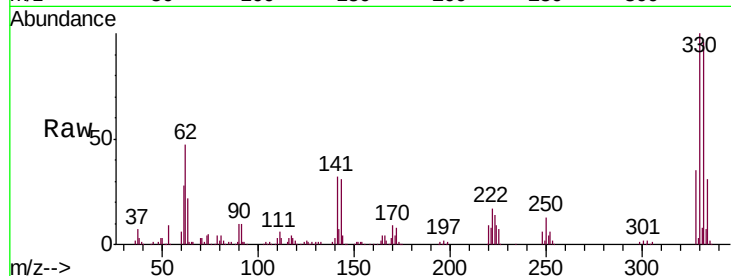




#42
 2,4,6-Tribromophenol
 Concen: 125.885 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116426.D
 Acq: 20 Aug 2019 11:17

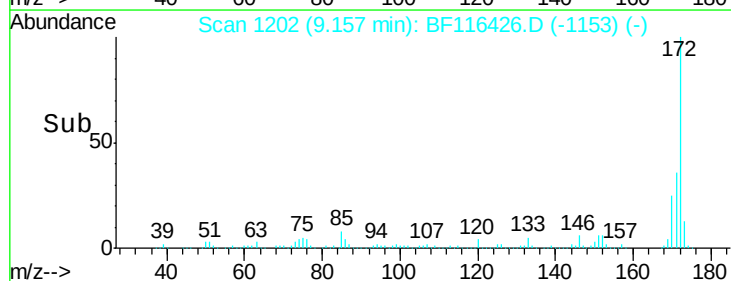
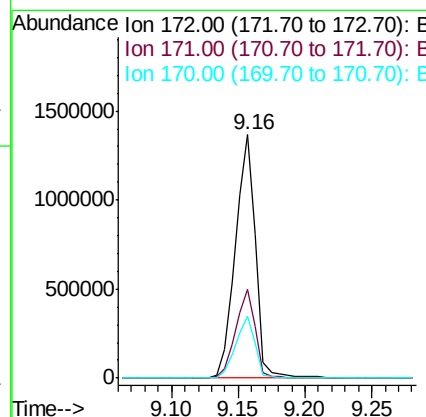
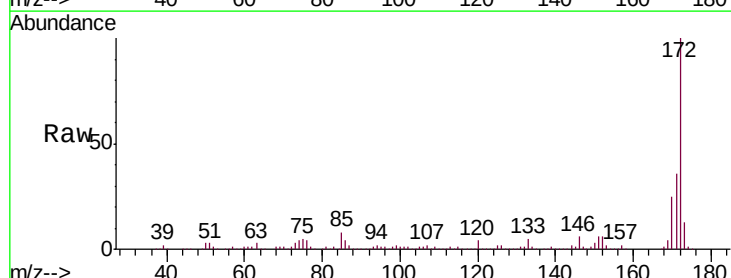
Instrument :
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 ClientSampleId :
 PB122336BL

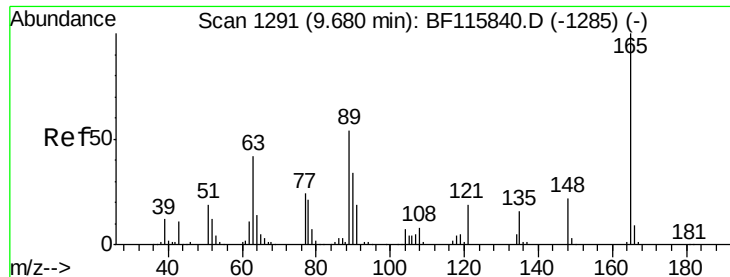
Tgt Ion:330 Resp: 345071
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.8 115.2
 141 33.1 26.3 39.5



#45
 2-Fluorobiphenyl
 Concen: 96.428 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF116426.D
 Acq: 20 Aug 2019 11:17

Tgt Ion:172 Resp: 1455534
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 25.2 20.1 30.1





#51

2,6-Dinitrotoluene

Concen: 8.684 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.19 min

Lab File: BF116426.D

Acq: 20 Aug 2019 11:17

Instrument :

BNA_F

ClientSampleId :

PB122336BL

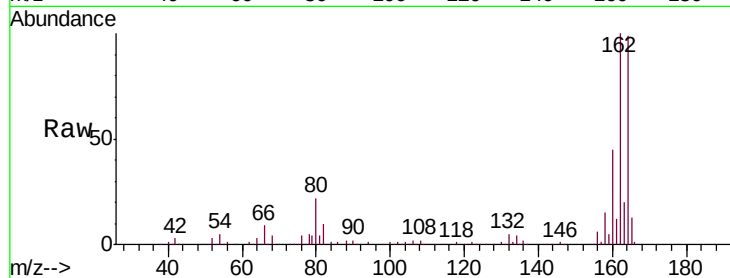
Tgt Ion:165 Resp: 36330

Ion Ratio Lower Upper

165 100

63 1.0 38.2 57.2#

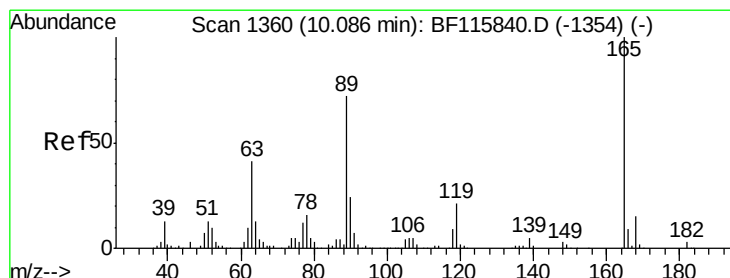
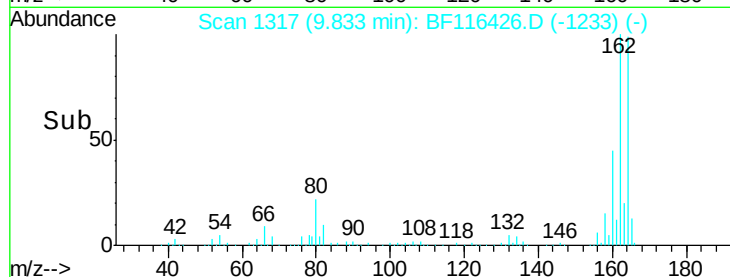
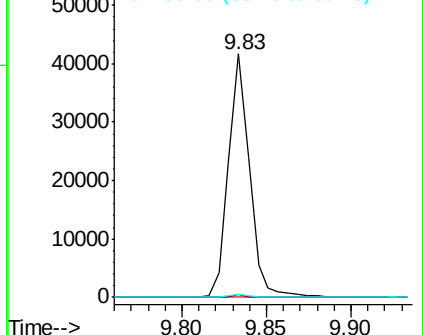
89 1.3 42.9 64.3#



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: 6.522 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.22 min

Lab File: BF116426.D

Acq: 20 Aug 2019 11:17

Tgt Ion:165 Resp: 36330

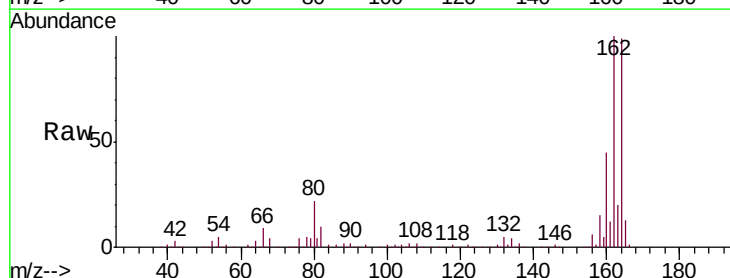
Ion Ratio Lower Upper

165 100

63 1.0 39.6 59.4#

89 1.3 62.2 93.2#

182 0.0 2.1 3.1#

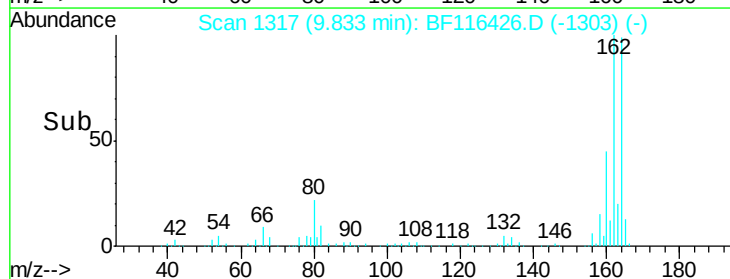
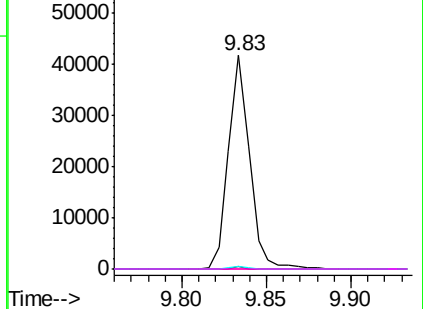


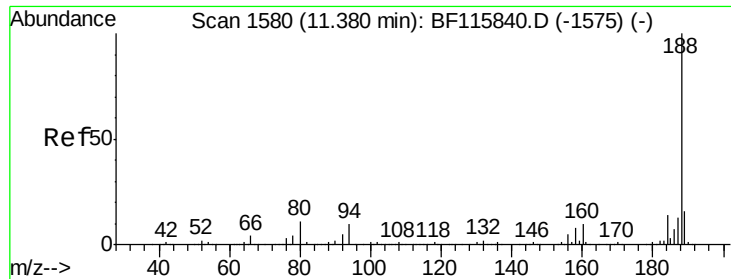
Abundance Ion 165.00 (164.70 to 165.70): E

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

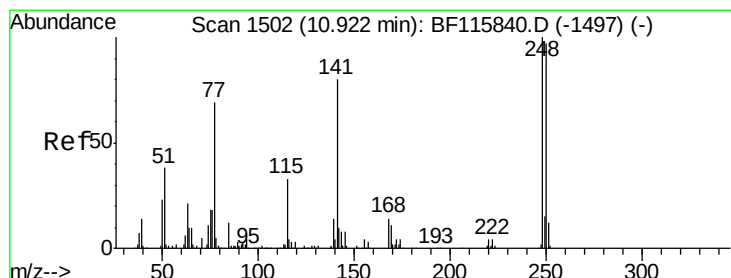
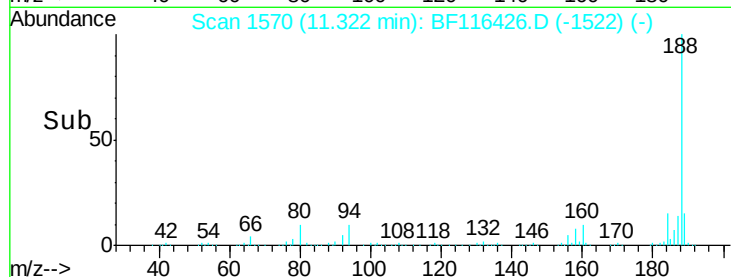
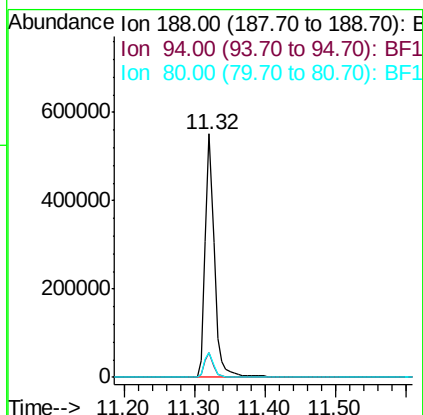
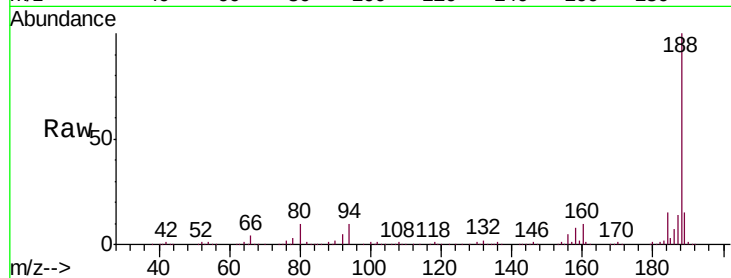




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF116426.D
 Acq: 20 Aug 2019 11:17

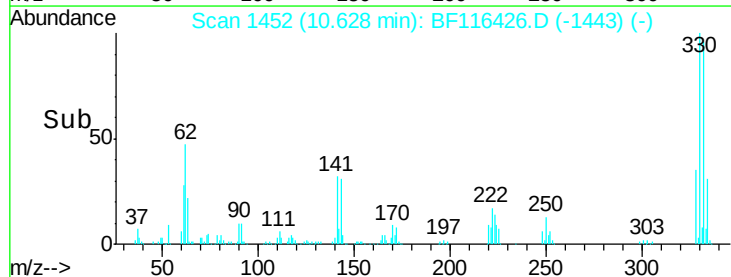
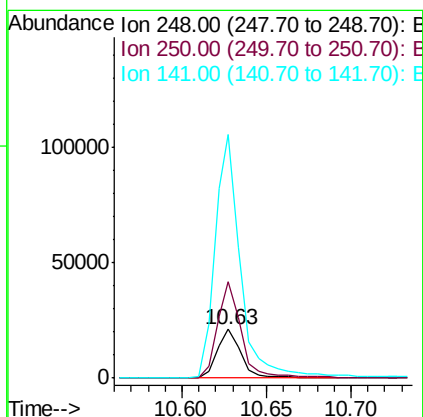
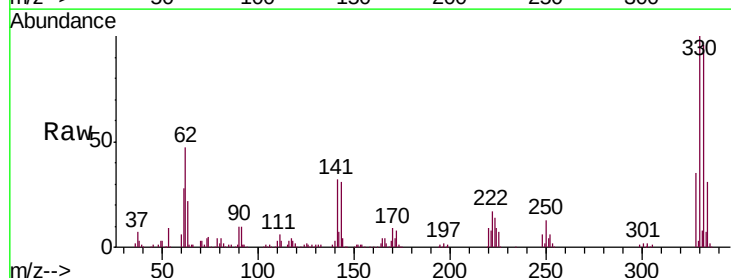
Instrument :
 BNA_F
 ClientSampleId :
 PB122336BL

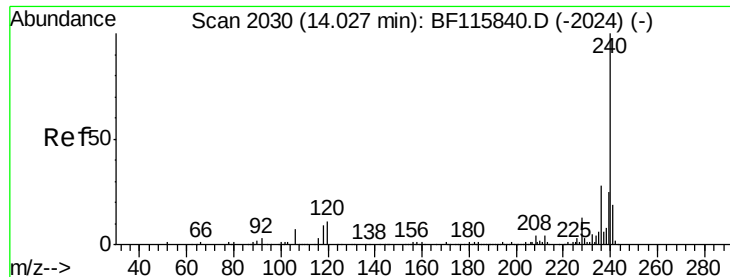
Tgt Ion:188 Resp: 496479
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.1 12.1
 80 10.3 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 3.962 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.25 min
 Lab File: BF116426.D
 Acq: 20 Aug 2019 11:17

Tgt Ion:248 Resp: 21057
 Ion Ratio Lower Upper
 248 100
 250 197.8 77.4 116.2#
 141 501.3 56.8 85.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BF116426.D

Acq: 20 Aug 2019 11:17

Instrument :

BNA_F

ClientSampleId :

PB122336BL

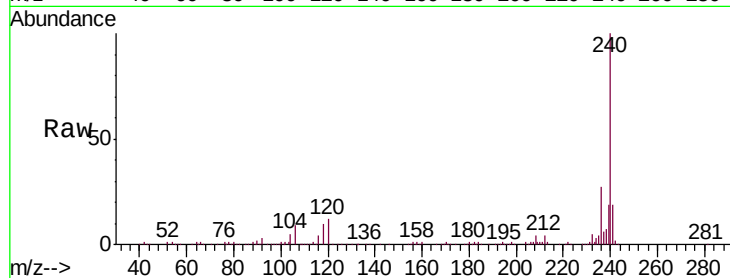
Tgt Ion:240 Resp: 352334

Ion Ratio Lower Upper

240 100

120 12.0 10.7 16.1

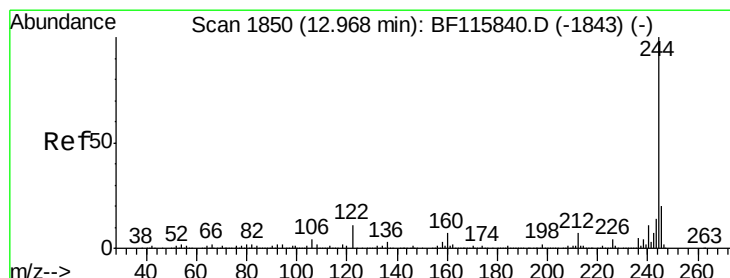
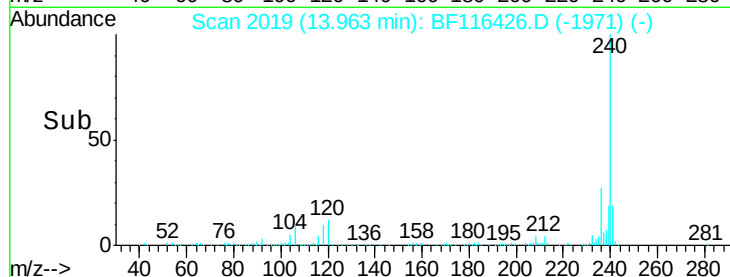
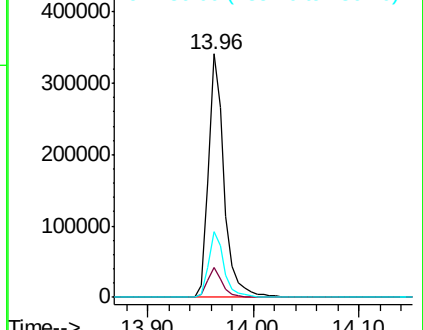
236 27.1 22.2 33.2



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: 96.065 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF116426.D

Acq: 20 Aug 2019 11:17

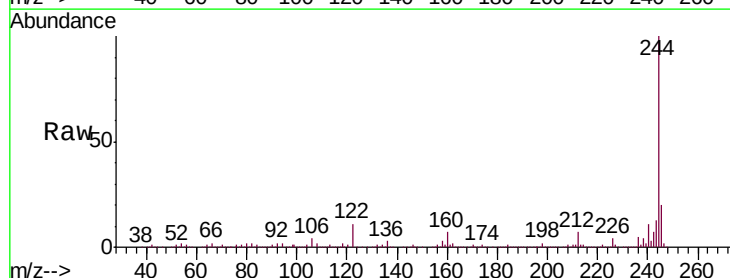
Tgt Ion:244 Resp: 1606285

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

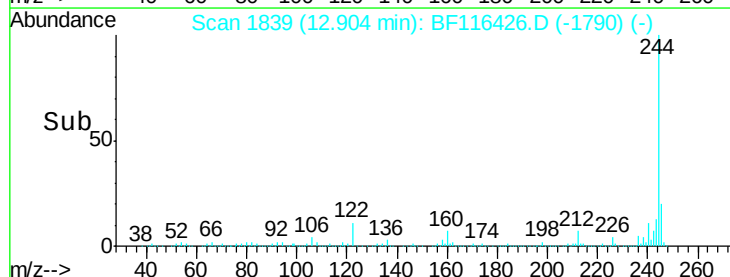
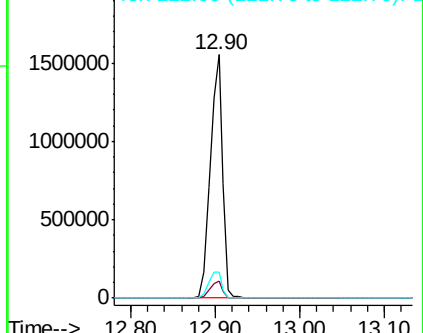
122 10.9 9.0 13.4

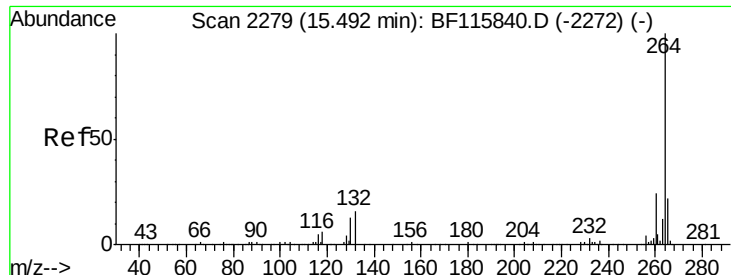


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116426.D
Acq: 20 Aug 2019 11:17

Instrument :
BNA_F
ClientSampleId :
PB122336BL

Tgt Ion: 264 Resp: 323861
Ion Ratio Lower Upper
264 100
260 24.3 19.7 29.5
265 21.3 17.4 26.0

