

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082319\
 Data File : BF116485.D
 Acq On : 23 Aug 2019 18:55
 Operator : HP/JU
 Sample : PB122393BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BL

Quant Time: Aug 24 03:34:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

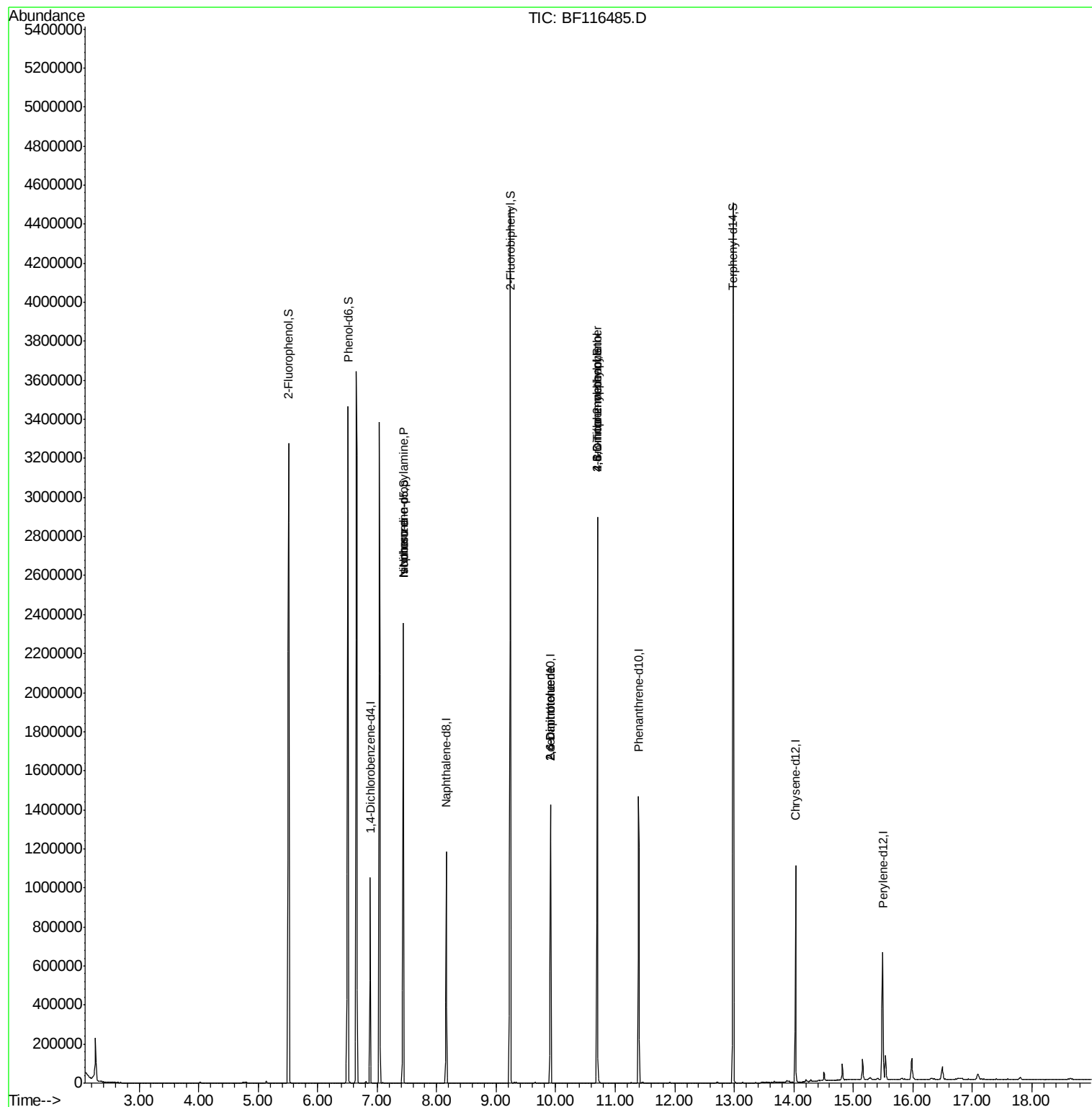
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	139058	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	551832	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	292509	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	506804	20.00	ng	0.00
76) Chrysene-d12	14.03	240	333501	20.00	ng	0.00
87) Perylene-d12	15.49	264	298307	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1023376	107.53	ng	0.01
7) Phenol-d6	6.51	99	1347320	115.46	ng	0.00
23) Nitrobenzene-d5	7.44	82	861003	85.36	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	321493	128.00	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1549430	85.30	ng	0.00
79) Terphenyl-d14	12.98	244	1656766	92.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	116836	14.673	ng	# 77
25) Isophorone	7.44	82	860052	43.269	ng	# 67
51) 2,6-Dinitrotoluene	9.91	165	37187	8.902	ng	# 25
57) 2,4-Dinitrotoluene	9.91	165	37187	6.996	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.70	198	867	7.362	ng	# 1
67) 4-Bromophenyl-phenylether	10.70	248	21562	4.058	ng	# 1

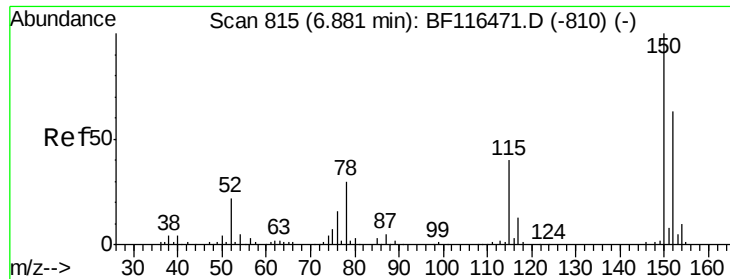
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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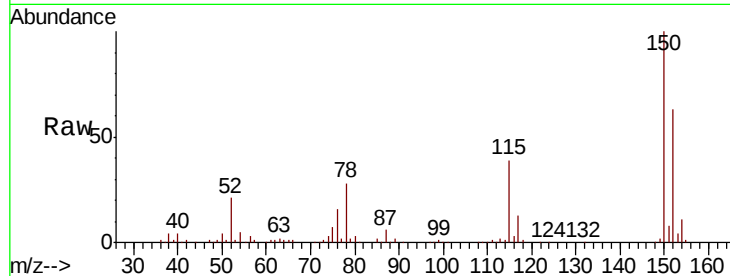




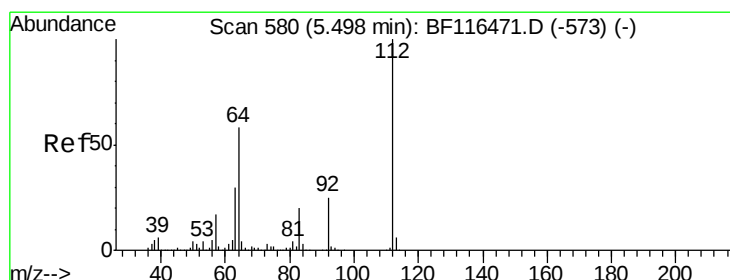
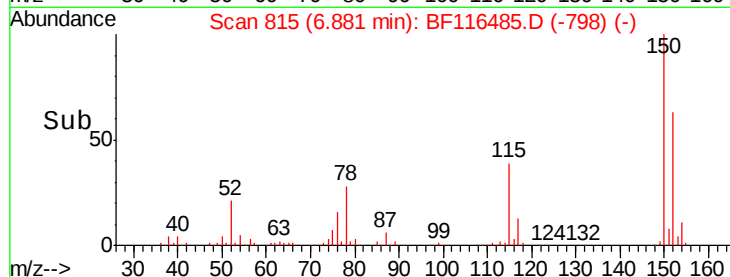
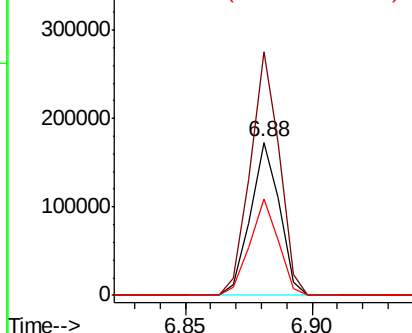
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF116485.D
 Acq: 23 Aug 2019 18:55

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BL

Tgt Ion:152 Resp: 139058
 Ion Ratio Lower Upper
 152 100
 150 159.0 126.7 190.1
 115 62.7 50.9 76.3

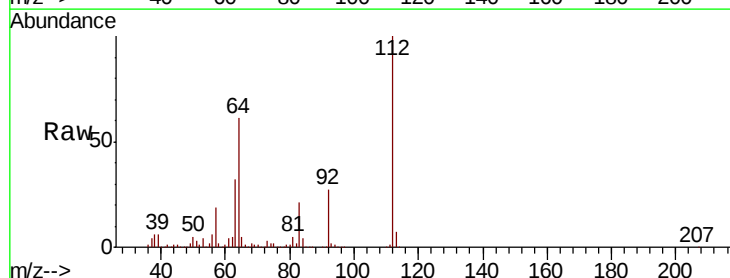


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

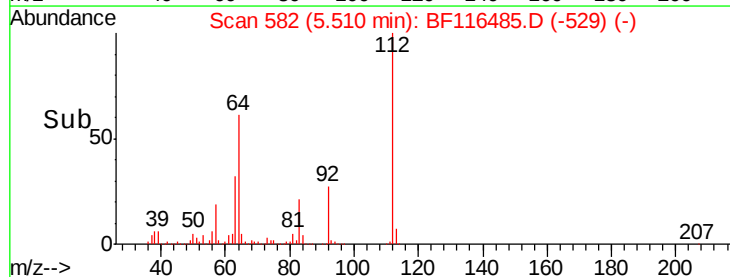
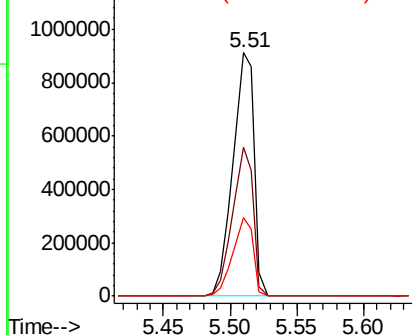


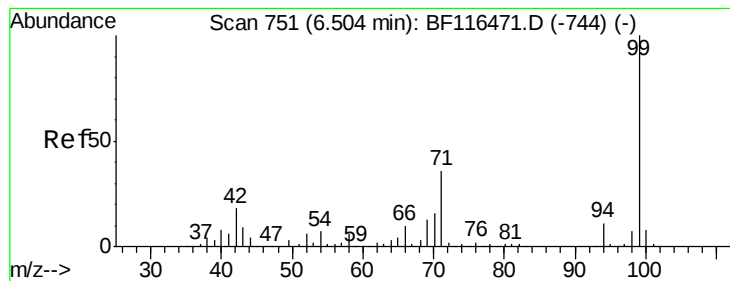
#5
 2-Fluorophenol
 Concen: 107.531 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF116485.D
 Acq: 23 Aug 2019 18:55

Tgt Ion:112 Resp: 1023376
 Ion Ratio Lower Upper
 112 100
 64 61.1 46.3 69.5
 63 32.2 24.2 36.4



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: 115.458 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF116485.D

Acq: 23 Aug 2019 18:55

Instrument :

BNA_F

ClientSampleId :

PB122393BL

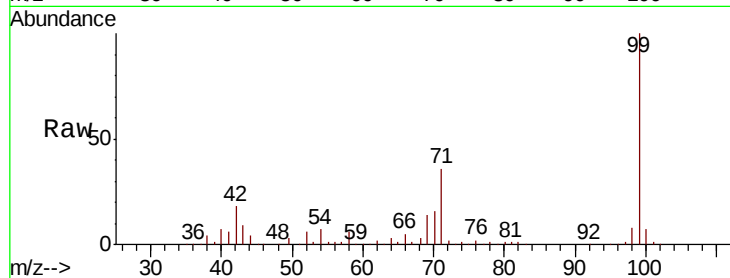
Tgt Ion: 99 Resp: 1347320

Ion Ratio Lower Upper

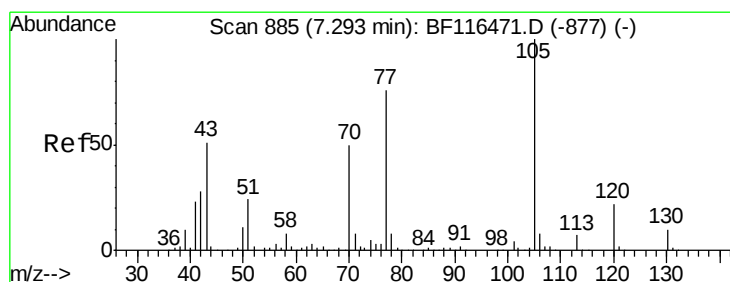
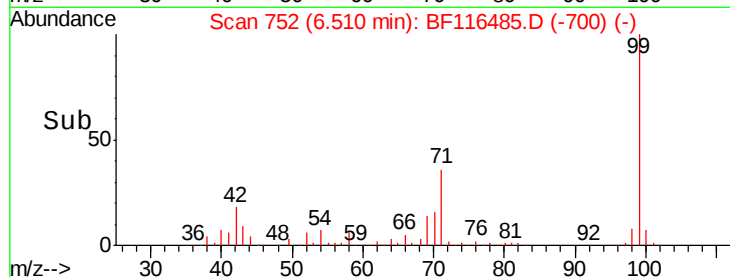
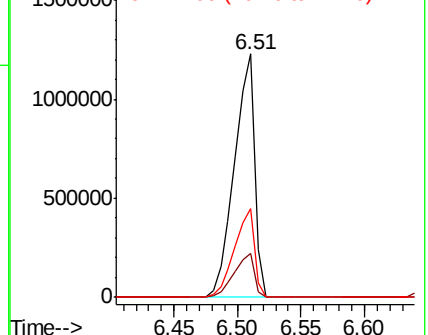
99 100

42 17.9 14.6 21.8

71 36.2 28.5 42.7



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: 14.673 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF116485.D

Acq: 23 Aug 2019 18:55

Tgt Ion: 70 Resp: 116836

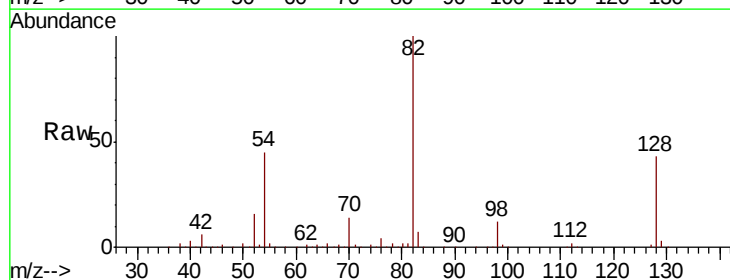
Ion Ratio Lower Upper

70 100

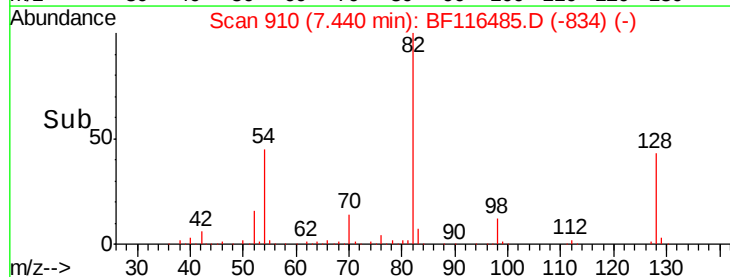
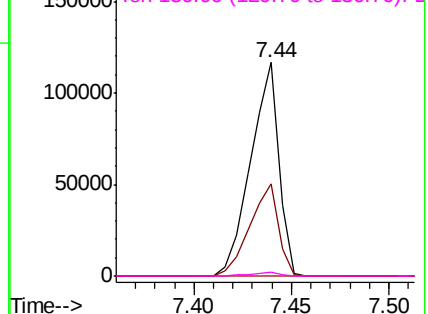
42 43.4 44.4 66.6#

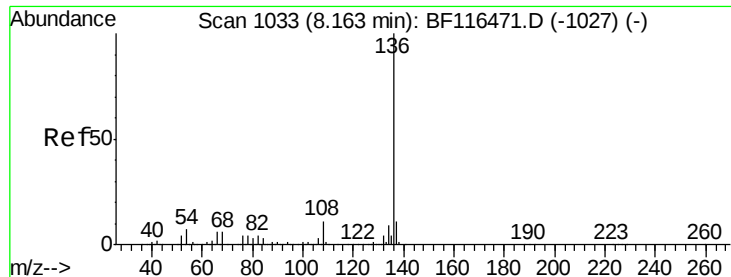
101 0.0 7.1 10.7#

130 2.1 15.8 23.8#



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): E
Ion 130.00 (129.70 to 130.70): E

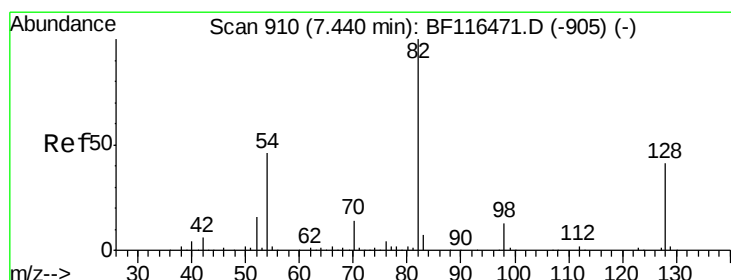
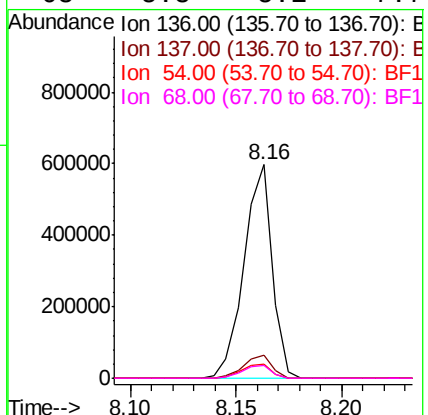
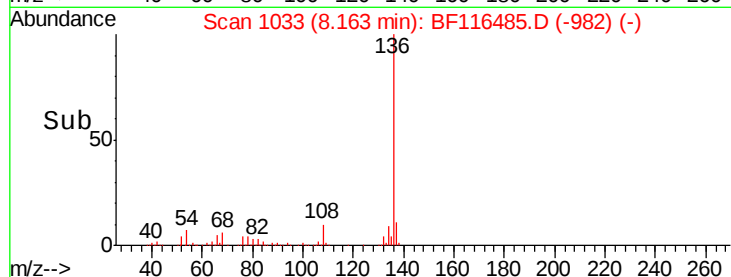
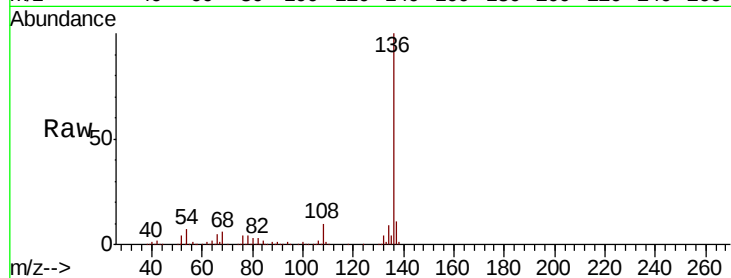




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116485.D
Acq: 23 Aug 2019 18:55

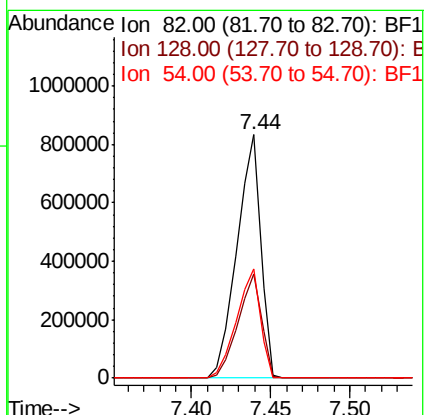
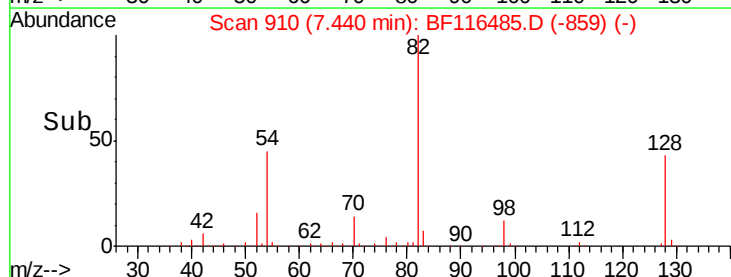
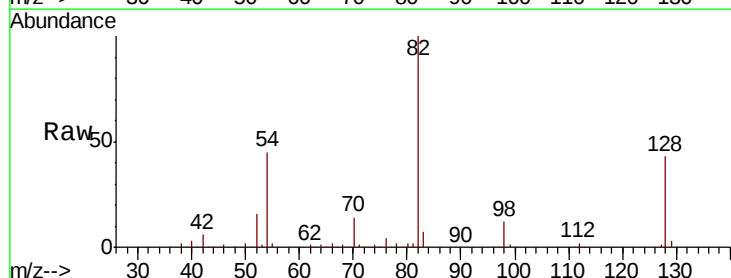
Instrument :
BNA_F
ClientSampleId :
PB122393BL

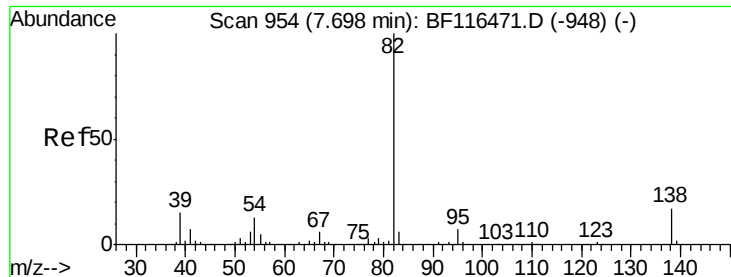
Tgt Ion:	136	Resp:	551832
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.8	5.8	8.6
68	5.8	5.1	7.7



#23
Nitrobenzene-d5
Concen: 85.362 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF116485.D
Acq: 23 Aug 2019 18:55

Tgt Ion:	82	Resp:	861003
Ion	Ratio	Lower	Upper
82	100		
128	42.9	32.2	48.4
54	44.7	36.5	54.7





#25

Isophorone

Concen: 43.269 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF116485.D

Acq: 23 Aug 2019 18:55

Instrument :

BNA_F

ClientSampleId :

PB122393BL

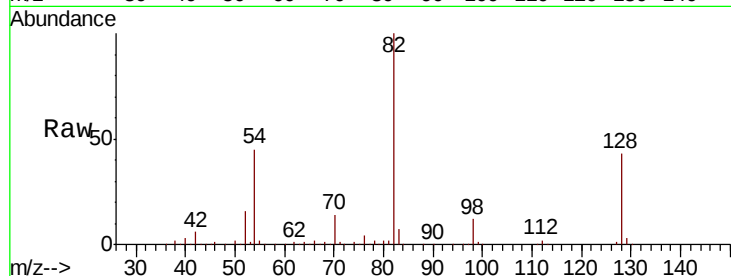
Tgt Ion: 82 Resp: 860052

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

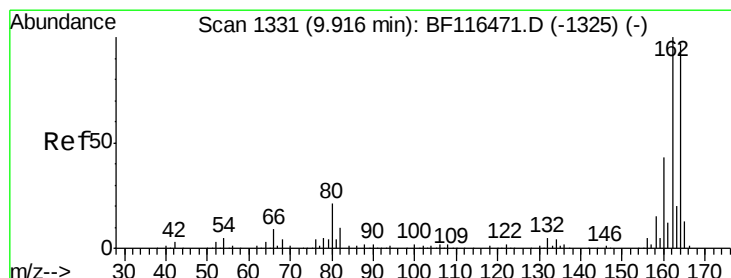
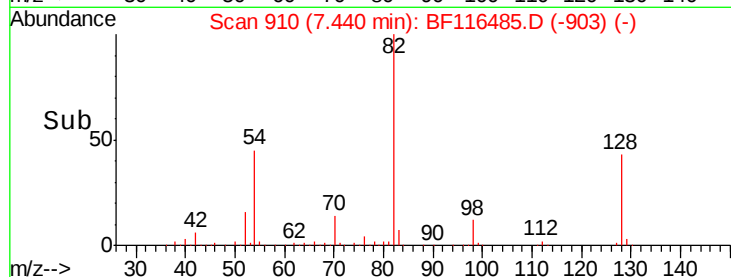
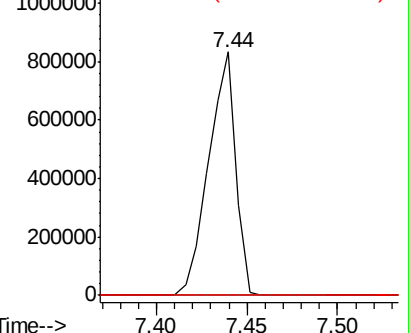
138 0.0 13.3 19.9#



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: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF116485.D

Acq: 23 Aug 2019 18:55

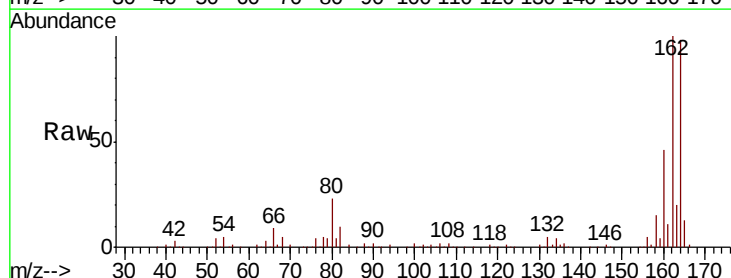
Tgt Ion: 164 Resp: 292509

Ion Ratio Lower Upper

164 100

162 102.5 82.6 123.8

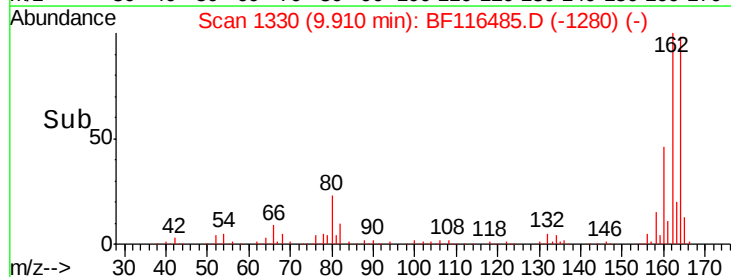
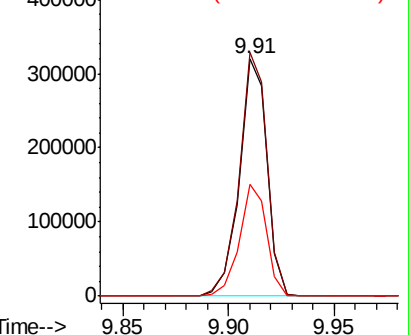
160 46.9 35.8 53.8

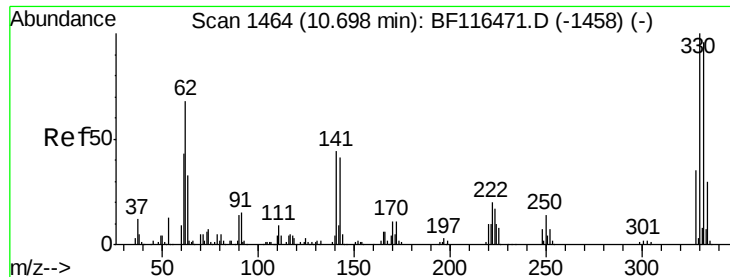


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

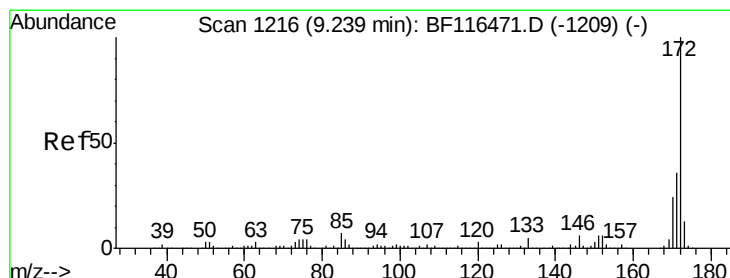
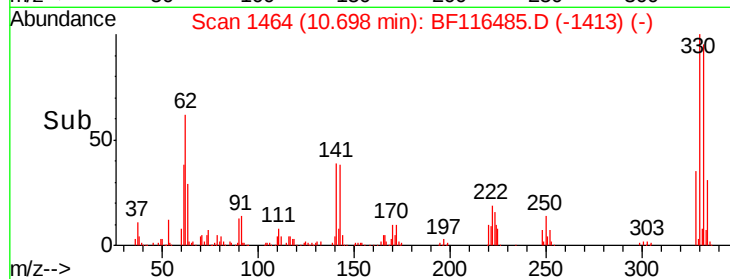
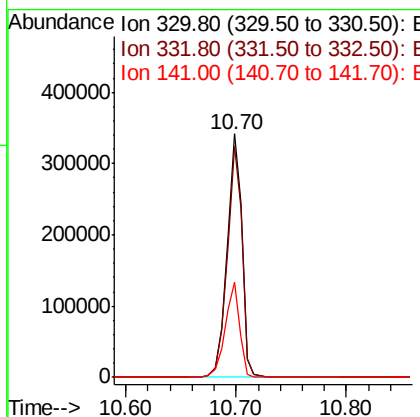
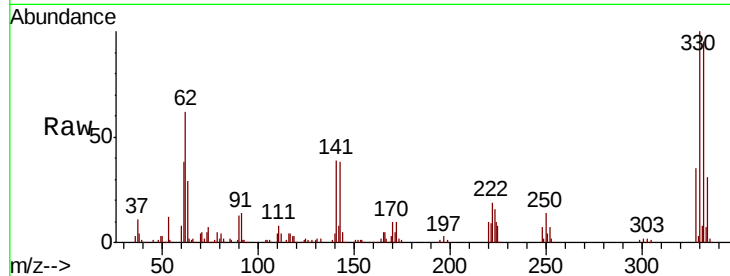




#42
 2,4,6-Tribromophenol
 Concen: 127.999 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF116485.D
 Acq: 23 Aug 2019 18:55

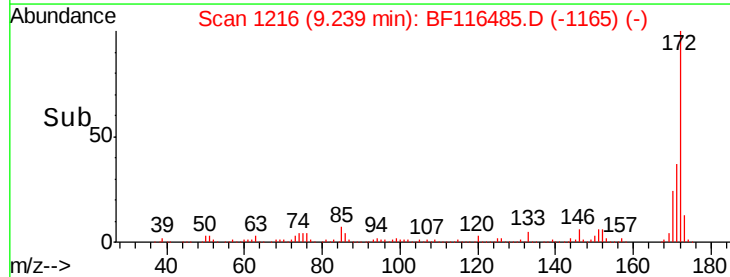
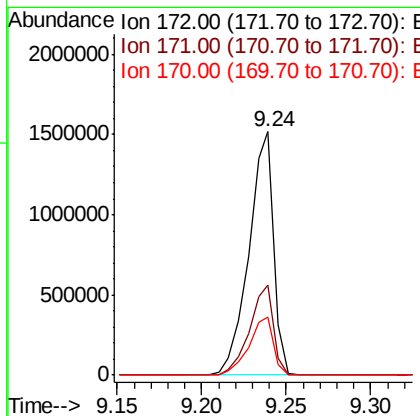
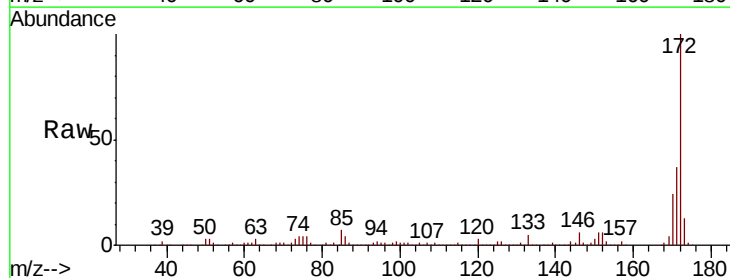
Instrument :
 BNA_F
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 PB122393BL

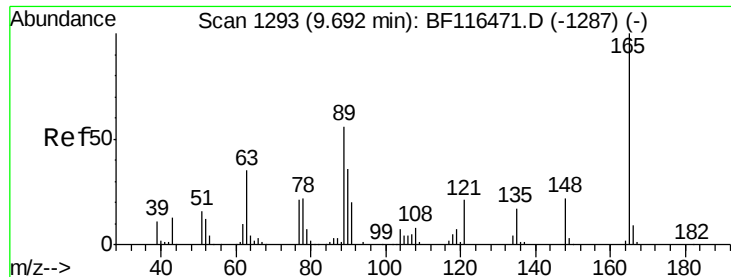
Tgt Ion:330 Resp: 321493
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.2 115.8
 141 37.9 33.3 49.9



#45
 2-Fluorobiphenyl
 Concen: 85.304 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF116485.D
 Acq: 23 Aug 2019 18:55

Tgt Ion:172 Resp: 1549430
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.9 43.3
 170 23.9 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 8.902 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.22 min

Lab File: BF116485.D

Acq: 23 Aug 2019 18:55

Instrument :

BNA_F

ClientSampleId :

PB122393BL

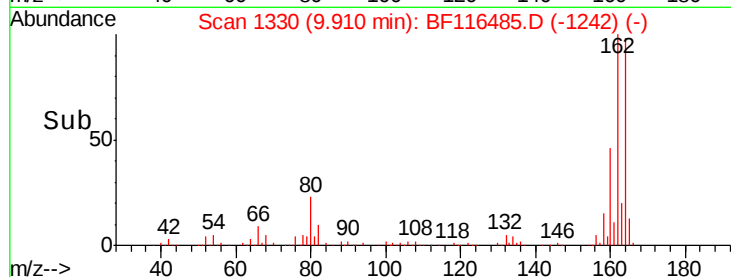
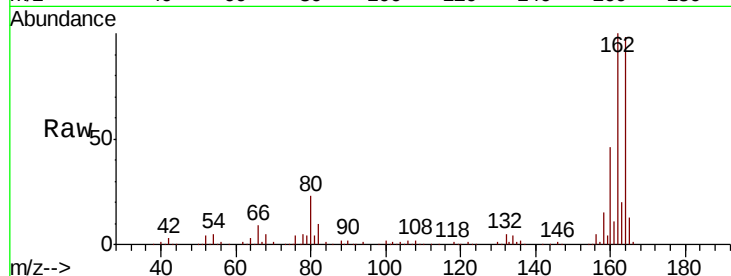
Tgt Ion:165 Resp: 37187

Ion Ratio Lower Upper

165 100

63 1.0 43.7 65.5#

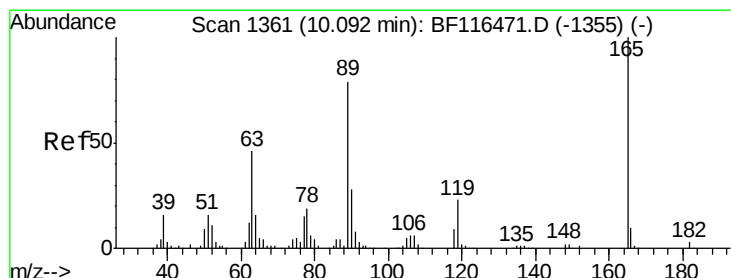
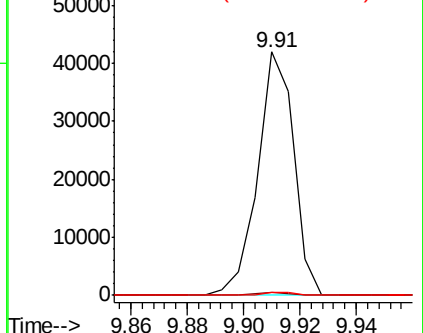
89 1.4 45.1 67.7#



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: 6.996 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.18 min

Lab File: BF116485.D

Acq: 23 Aug 2019 18:55

Tgt Ion:165 Resp: 37187

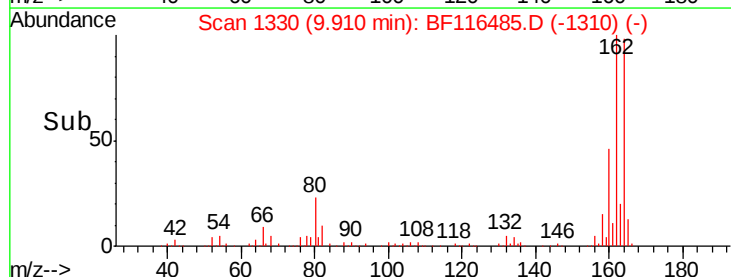
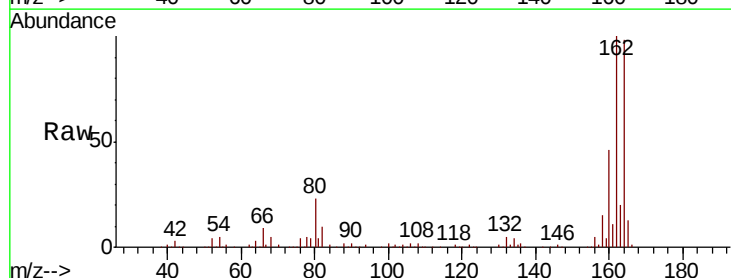
Ion Ratio Lower Upper

165 100

63 1.0 36.9 55.3#

89 1.4 63.4 95.0#

182 0.0 2.1 3.1#

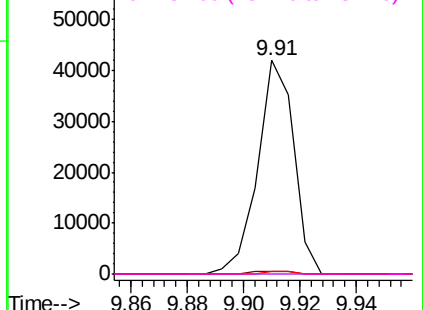


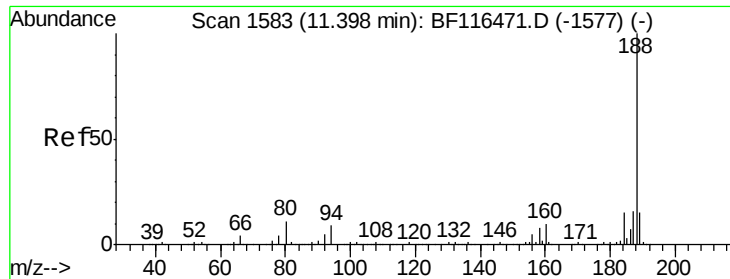
Abundance Ion 165.00 (164.70 to 165.70): E

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

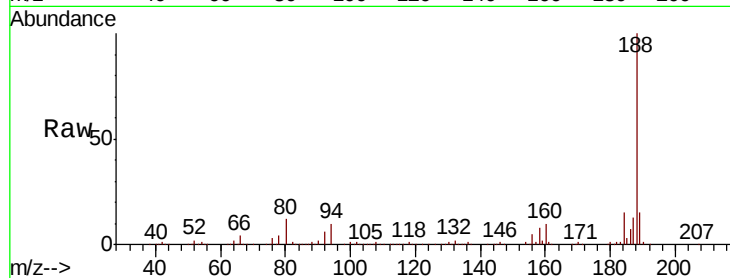




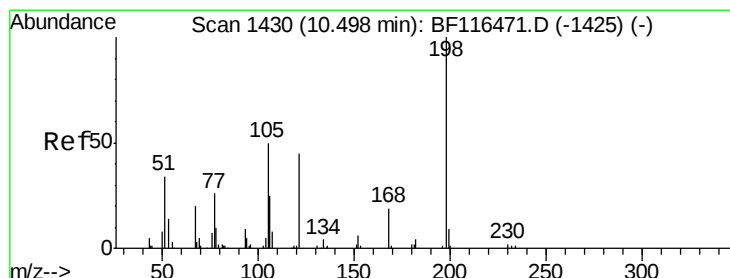
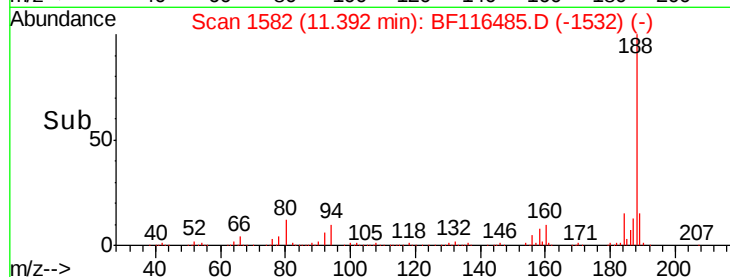
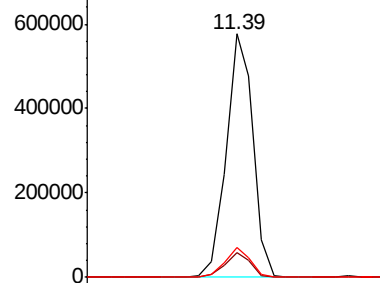
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF116485.D
Acq: 23 Aug 2019 18:55

Instrument :
BNA_F
ClientSampleId :
PB122393BL

Tgt Ion:188 Resp: 506804
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 12.1 8.6 12.8

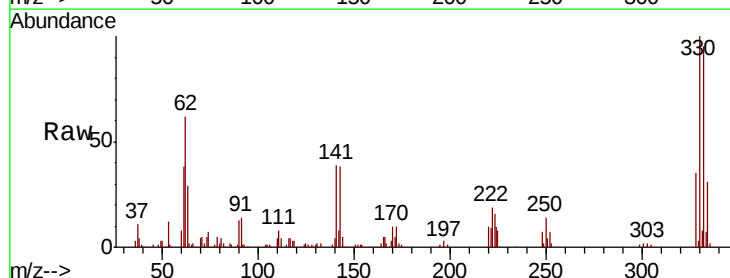


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

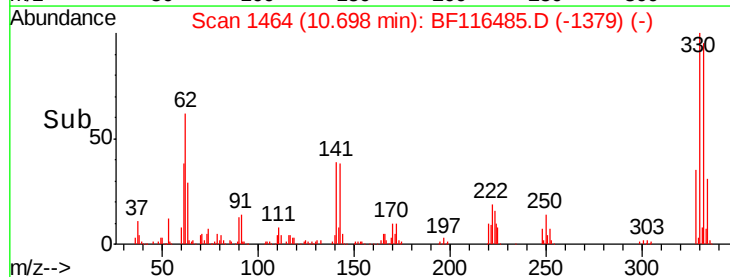
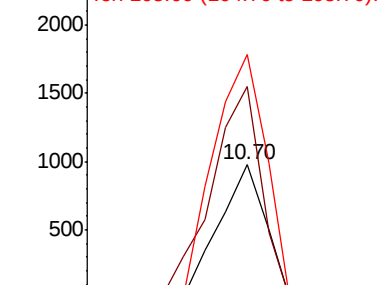


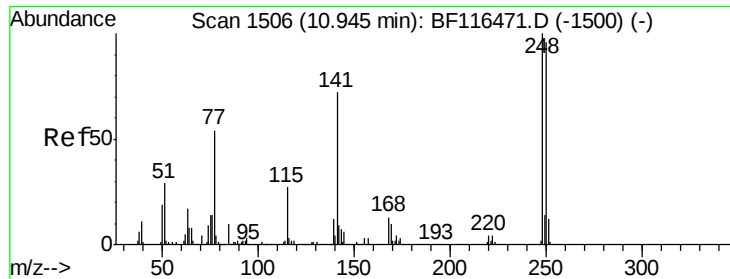
#65
4,6-Dinitro-2-methylphenol
Concen: 7.362 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.20 min
Lab File: BF116485.D
Acq: 23 Aug 2019 18:55

Tgt Ion:198 Resp: 867
Ion Ratio Lower Upper
198 100
51 159.1 30.4 70.4#
105 182.9 32.8 72.8#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

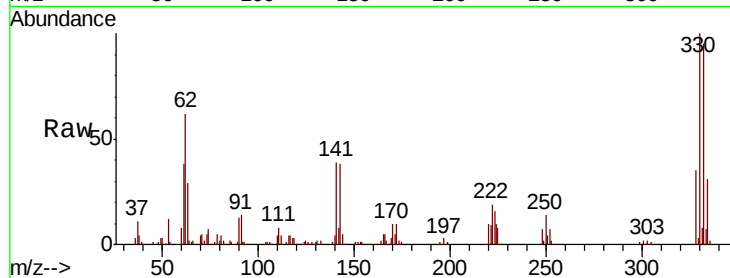




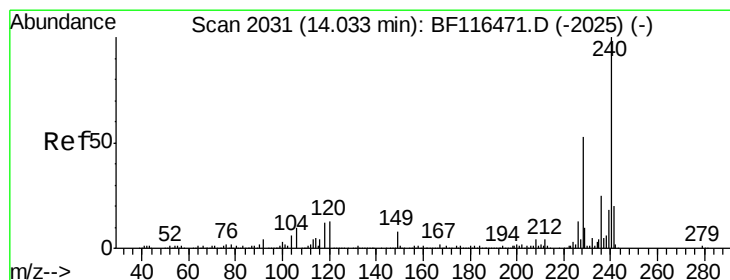
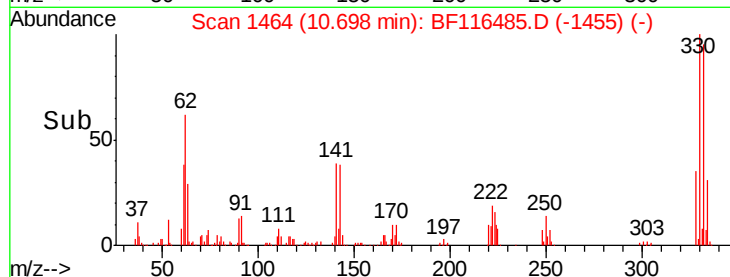
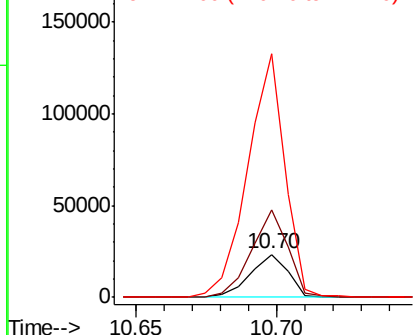
#67
4-Bromophenyl-phenylether
Concen: 4.058 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF116485.D
Acq: 23 Aug 2019 18:55

Instrument :
BNA_F
ClientSampleId :
PB122393BL

Tgt Ion:248 Resp: 21562
Ion Ratio Lower Upper
248 100
250 204.0 77.0 115.6#
141 567.1 57.4 86.0#

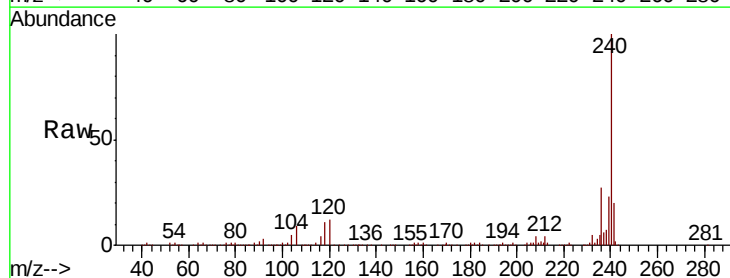


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

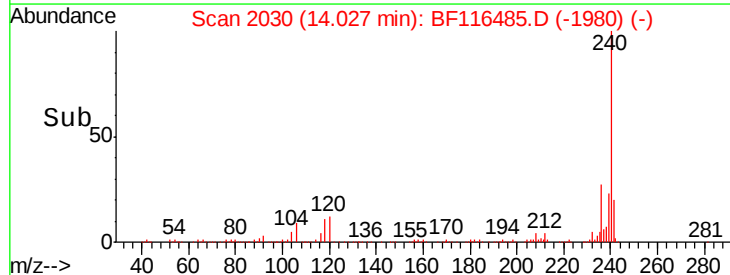
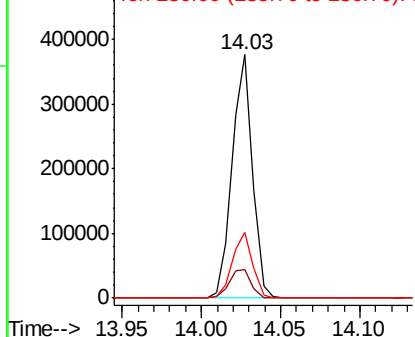


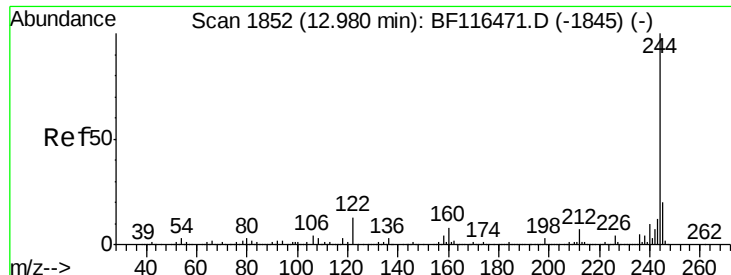
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116485.D
Acq: 23 Aug 2019 18:55

Tgt Ion:240 Resp: 333501
Ion Ratio Lower Upper
240 100
120 11.8 10.5 15.7
236 27.2 20.2 30.2



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: 92.794 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF116485.D

Acq: 23 Aug 2019 18:55

Instrument :

BNA_F

ClientSampleId :

PB122393BL

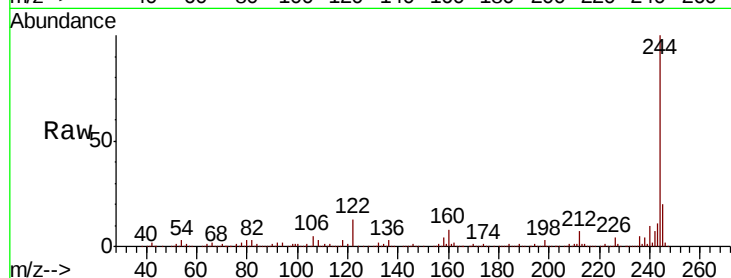
Tgt Ion:244 Resp: 1656766

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

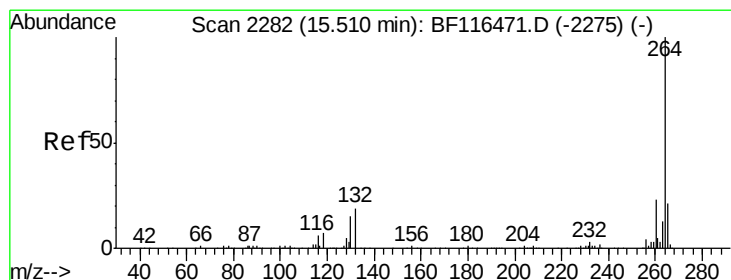
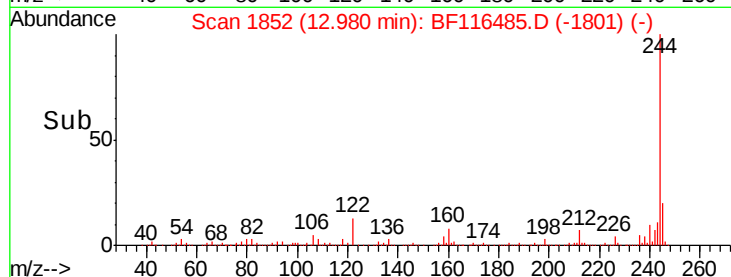
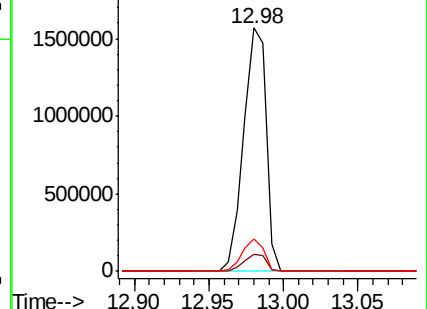
122 13.4 10.2 15.4



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: 15.49 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BF116485.D

Acq: 23 Aug 2019 18:55

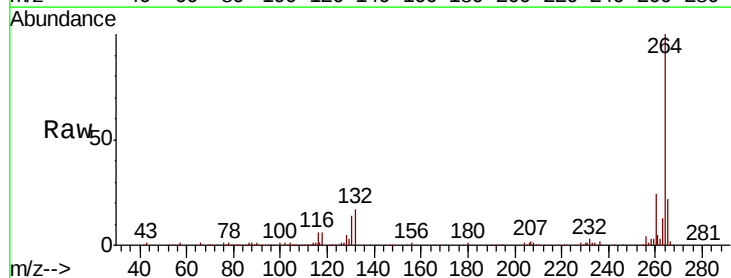
Tgt Ion:264 Resp: 298307

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.6 17.1 25.7



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

