

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
 Data File : BF116585.D
 Acq On : 27 Aug 2019 15:13
 Operator : HP/JU
 Sample : K4092-07 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 06:36:06 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

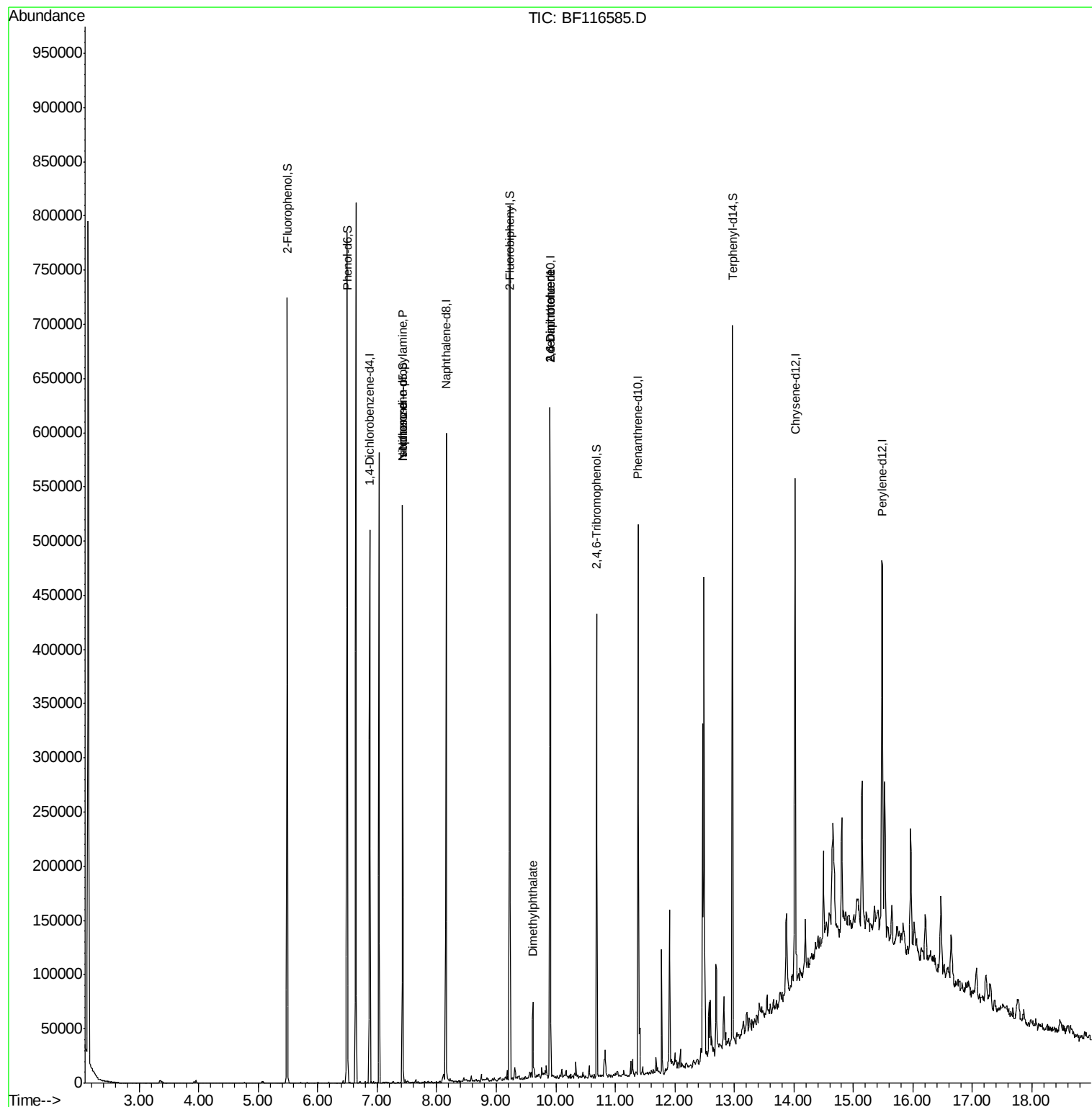
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	64401	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	248561	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	110002	20.00	ng	-0.01
64) Phenanthrene-d10	11.39	188	159039	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	138619	20.00	ng	-0.01
87) Perylene-d12	15.49	264	155221	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	177752	40.33	ng	-0.01
7) Phenol-d6	6.49	99	233165	43.14	ng	-0.01
23) Nitrobenzene-d5	7.43	82	143855	31.66	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	37779	40.00	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	232998	34.11	ng	-0.01
79) Terphenyl-d14	12.97	244	192338	25.92	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	20279	5.499	ng	# 78
25) Isophorone	7.43	82	143851	16.067	ng	# 67
50) Dimethylphthalate	9.62	163	22718	2.960	ng	# 99
51) 2,6-Dinitrotoluene	9.90	165	14574	9.277	ng	# 26
57) 2,4-Dinitrotoluene	9.90	165	14574	7.291	ng	# 21

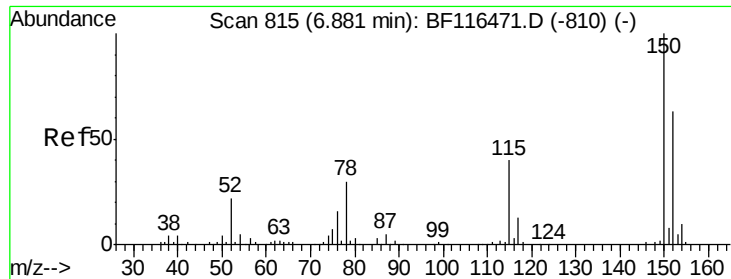
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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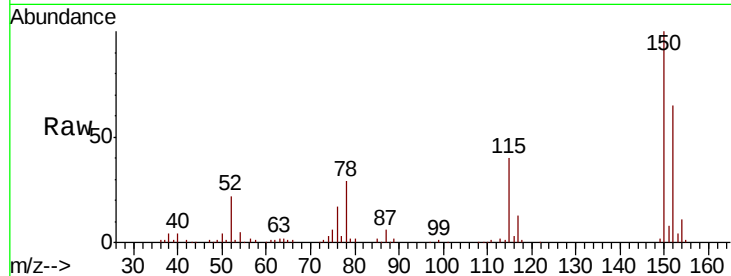


#1

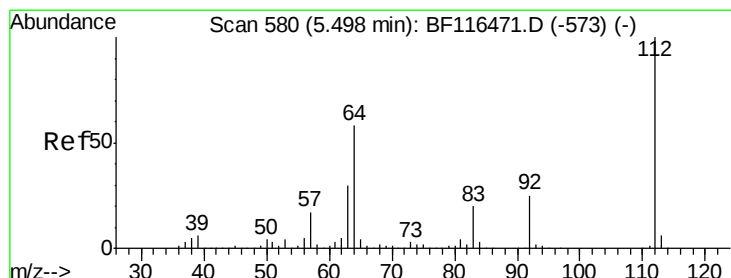
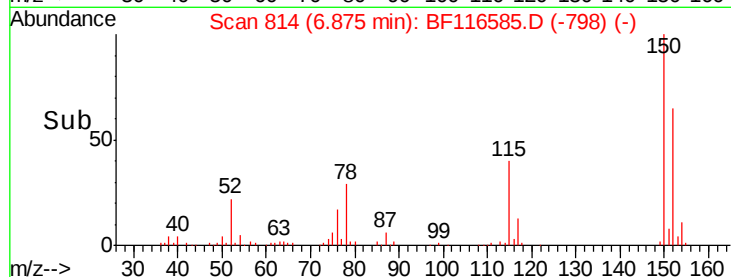
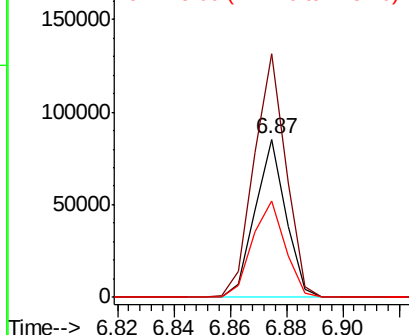
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF116585.D
Acq: 27 Aug 2019 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 64401
Ion Ratio Lower Upper
152 100
150 153.9 126.7 190.1
115 61.3 50.9 76.3



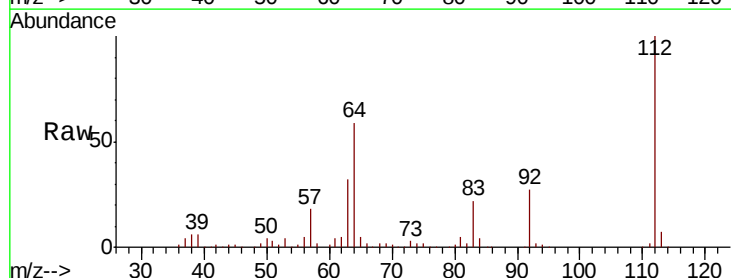
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



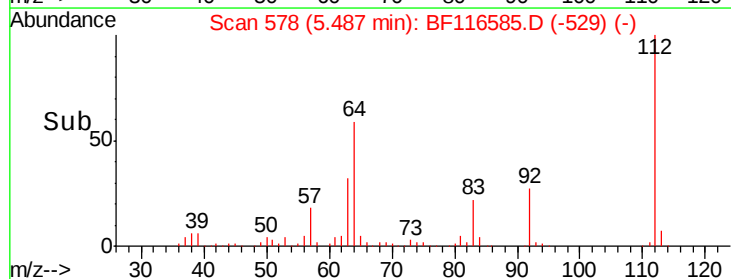
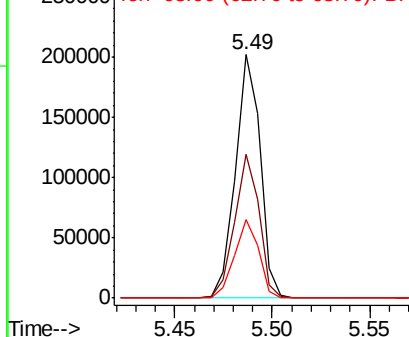
#5

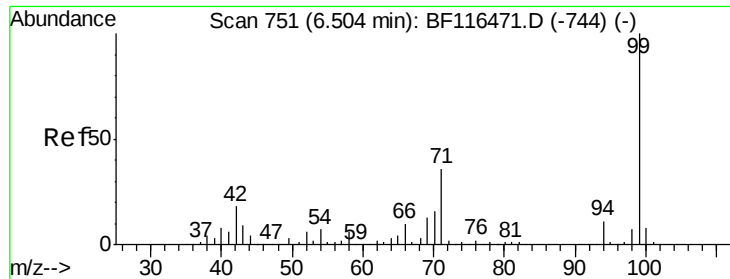
2-Fluorophenol
Concen: 40.329 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF116585.D
Acq: 27 Aug 2019 15:13

Tgt Ion:112 Resp: 177752
Ion Ratio Lower Upper
112 100
64 58.8 46.3 69.5
63 32.4 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: 43.144 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF116585.D

Acq: 27 Aug 2019 15:13

Instrument :

BNA_F

ClientSampleId :

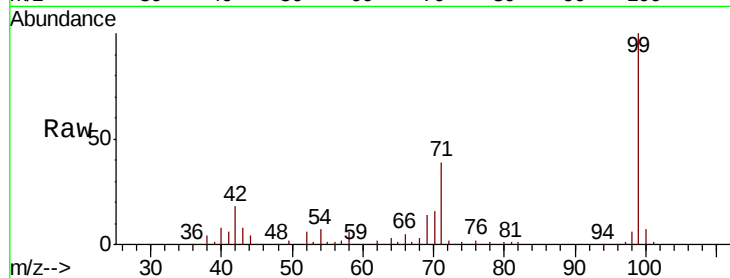
Tot Ion: 99 Resp: 233165

Ion Ratio Lower Upper

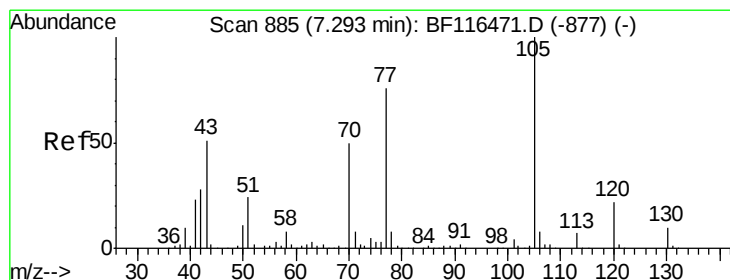
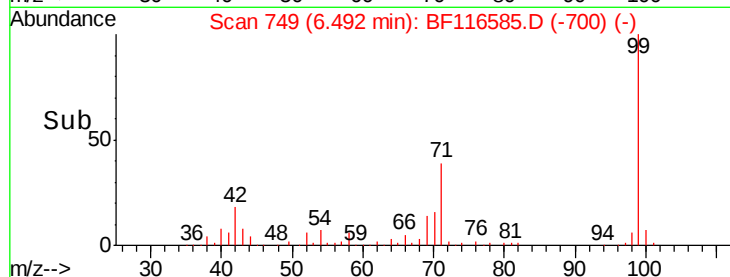
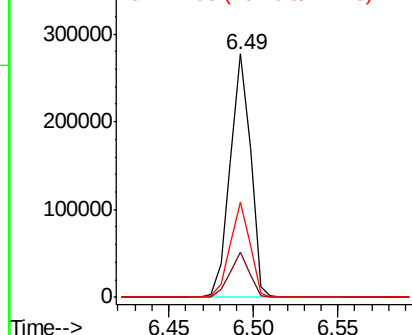
99 100

42 18.4 14.6 21.8

71 39.2 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: 5.499 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF116585.D

Acq: 27 Aug 2019 15:13

Tgt Ion: 70 Resp: 20279

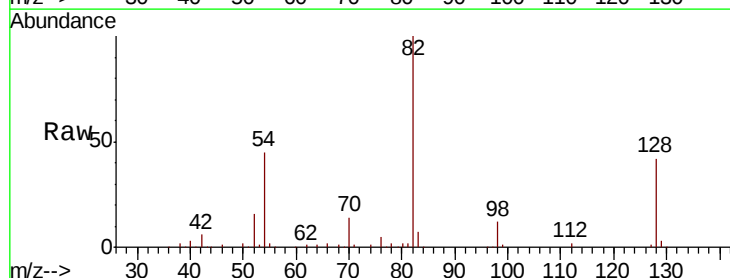
Ion Ratio Lower Upper

70 100

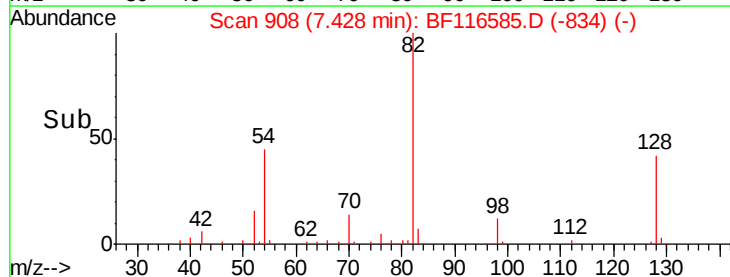
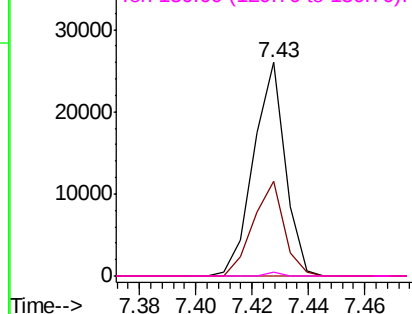
42 44.5 44.4 66.6

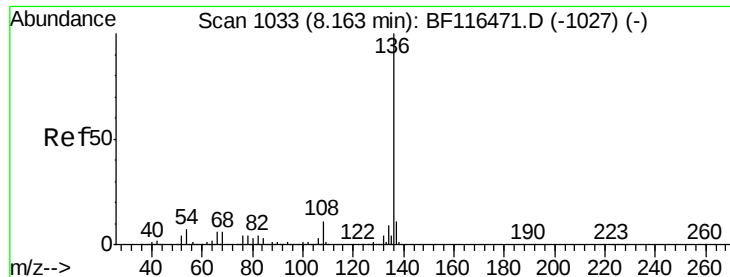
101 0.0 7.1 10.7#

130 1.7 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): BF1
Ion 130.00 (129.70 to 130.70): BF1

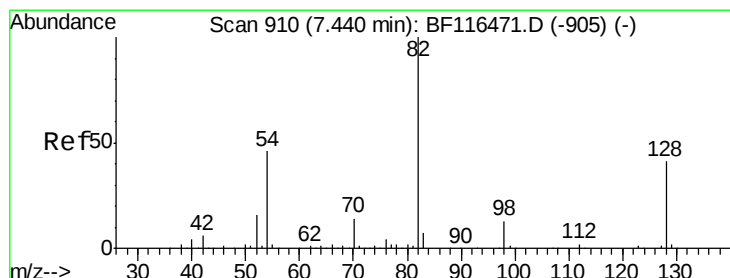
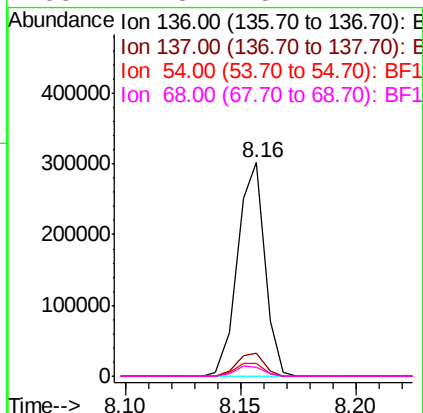
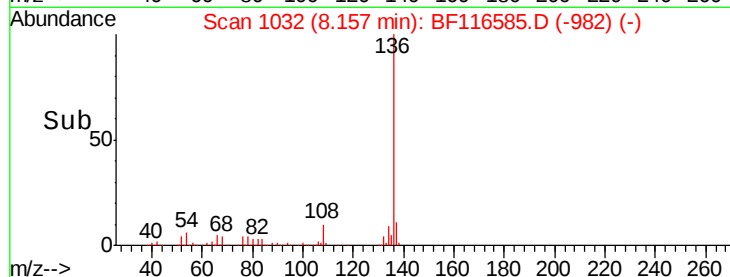
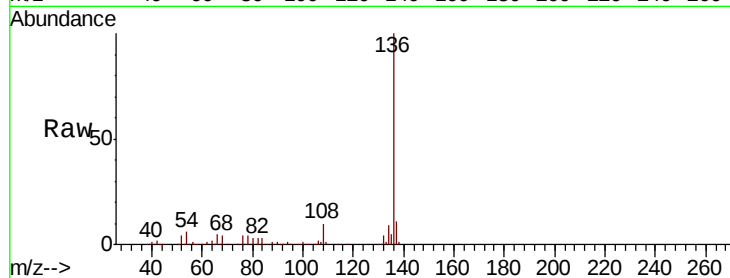




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF116585.D
Acq: 27 Aug 2019 15:13

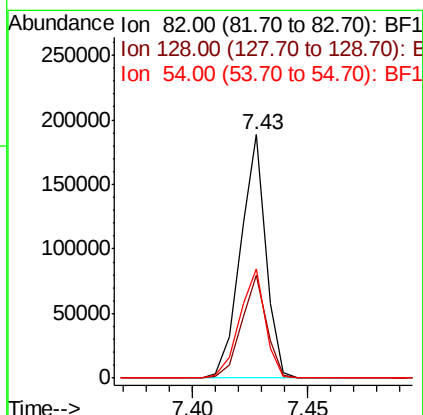
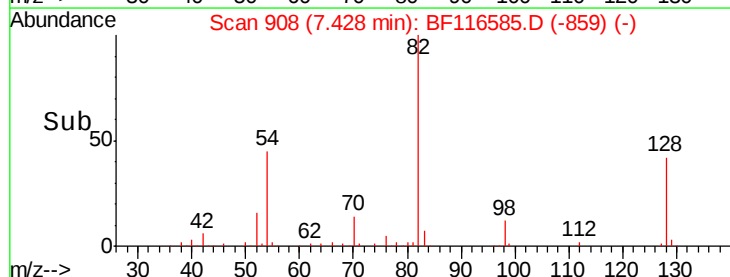
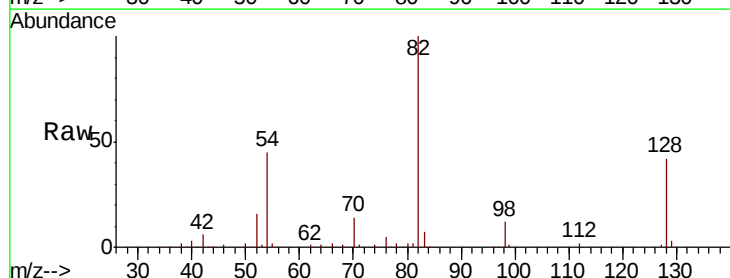
Instrument :
BNA_F
ClientSampleId :

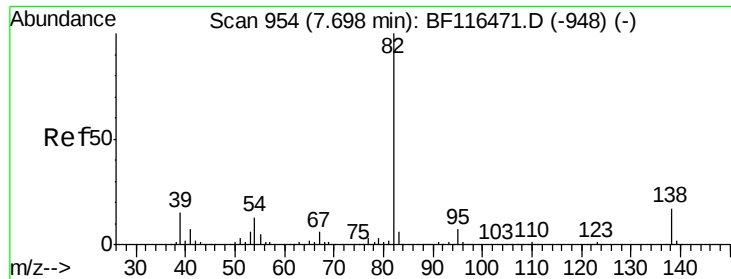
Tot Ion:136	Resp:	248561
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.4
54	5.8	5.8 8.6
68	4.3	5.1 7.7#



#23
Nitrobenzene-d5
Concen: 31.663 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF116585.D
Acq: 27 Aug 2019 15:13

Tgt Ion: 82	Resp:	143855
Ion Ratio	Lower	Upper
82	100	
128	42.5	32.2 48.4
54	44.9	36.5 54.7





#25

Isophorone

Concen: 16.067 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.27 min

Lab File: BF116585.D

Acq: 27 Aug 2019 15:13

Instrument :

BNA_F

ClientSampleId :

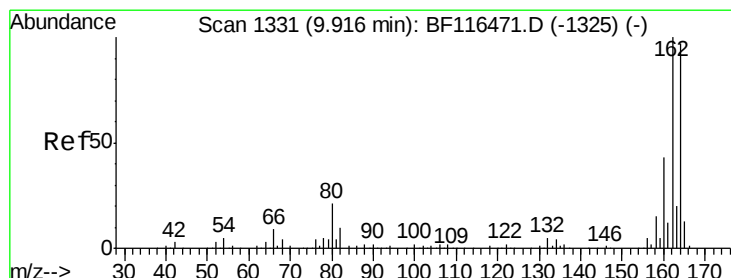
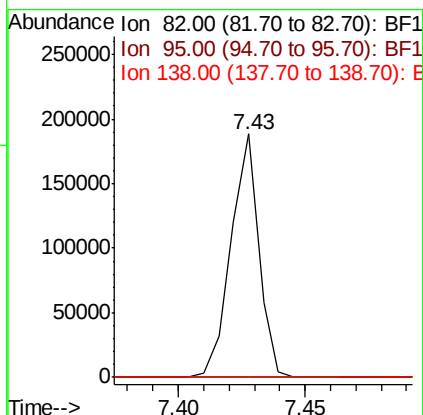
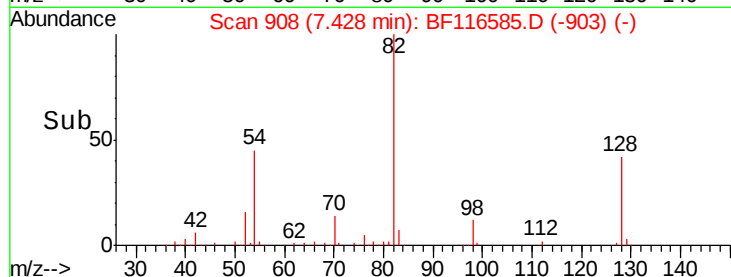
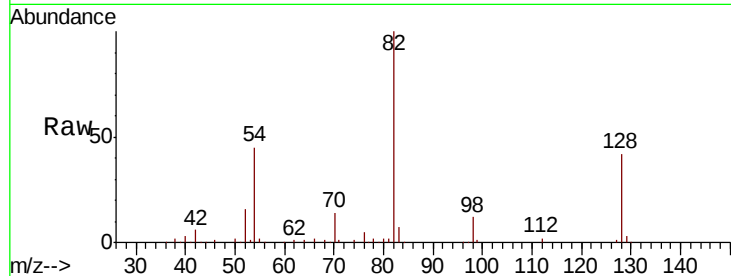
Tot Ion: 82 Resp: 143851

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.3 19.9#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF116585.D

Acq: 27 Aug 2019 15:13

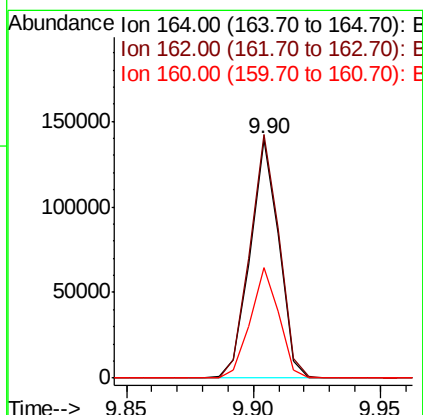
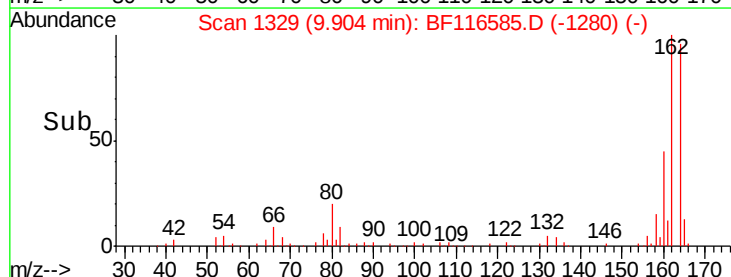
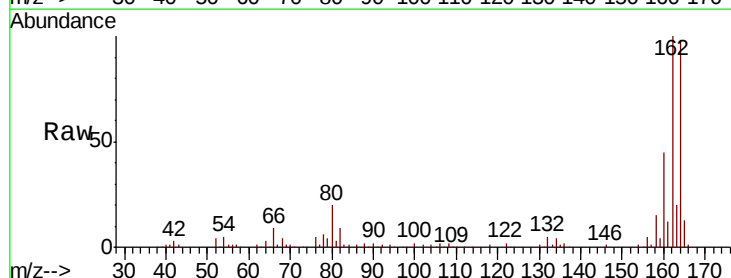
Tgt Ion: 164 Resp: 110002

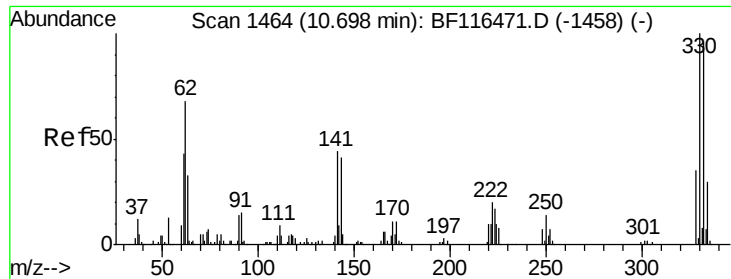
Ion Ratio Lower Upper

164 100

162 101.9 82.6 123.8

160 46.0 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 39.997 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF116585.D

Acq: 27 Aug 2019 15:13

Instrument :

BNA_F

ClientSampleId :

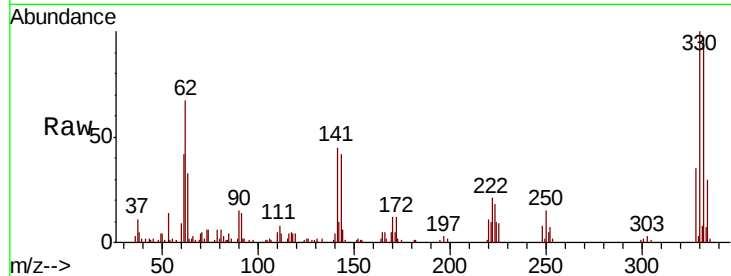
Tot Ion:330 Resp: 37779

Ion Ratio Lower Upper

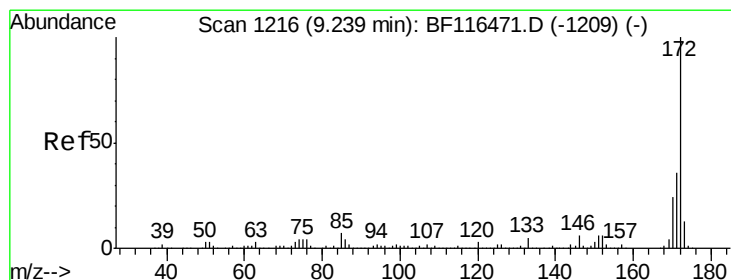
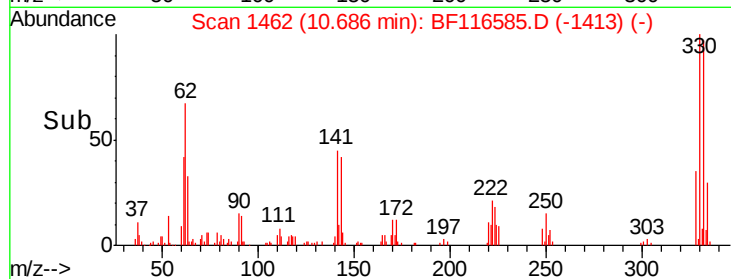
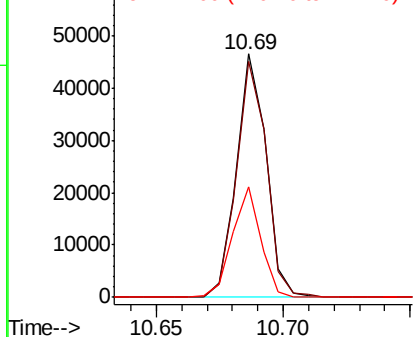
330 100

332 97.4 77.2 115.8

141 43.0 33.3 49.9



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: 34.110 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF116585.D

Acq: 27 Aug 2019 15:13

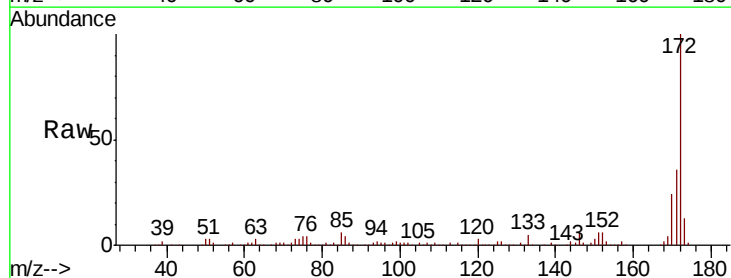
Tgt Ion:172 Resp: 232998

Ion Ratio Lower Upper

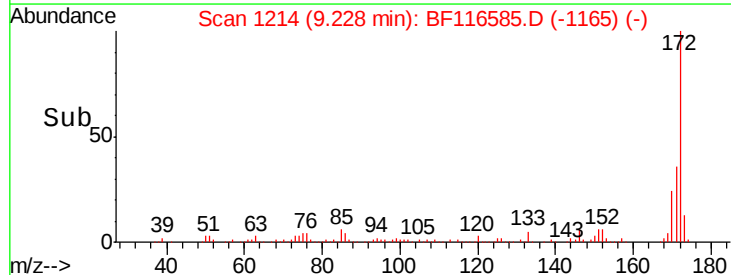
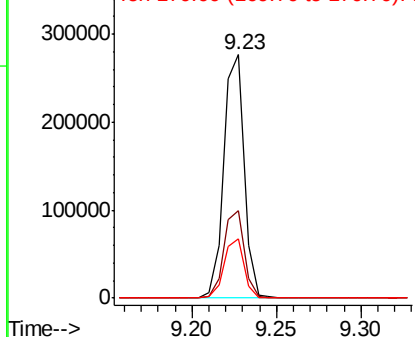
172 100

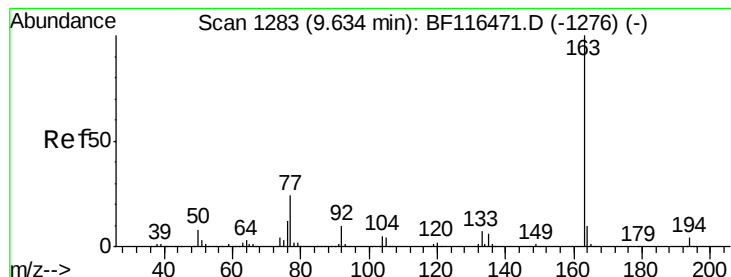
171 36.1 28.9 43.3

170 24.1 19.4 29.0



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: 2.960 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF116585.D

Acq: 27 Aug 2019 15:13

Instrument :

BNA_F

ClientSampleId :

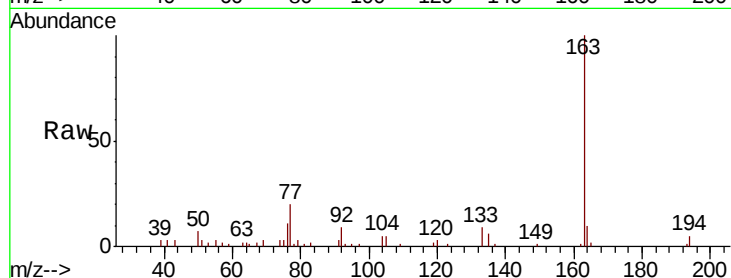
Tot Ion:163 Resp: 22718

Ion Ratio Lower Upper

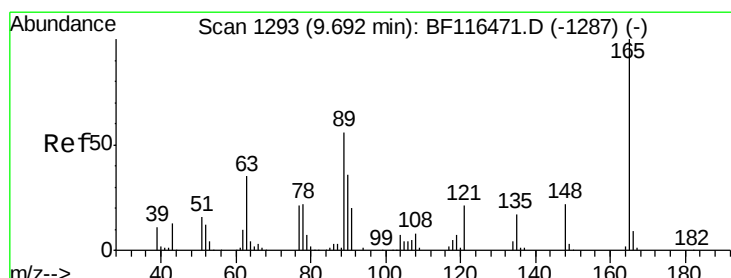
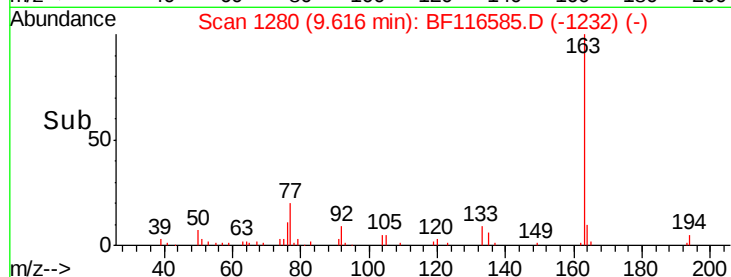
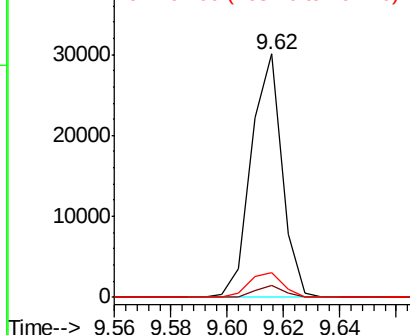
163 100

194 4.7 2.9 4.3#

164 10.3 8.2 12.2



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



#51

2,6-Dinitrotoluene

Concen: 9.277 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.21 min

Lab File: BF116585.D

Acq: 27 Aug 2019 15:13

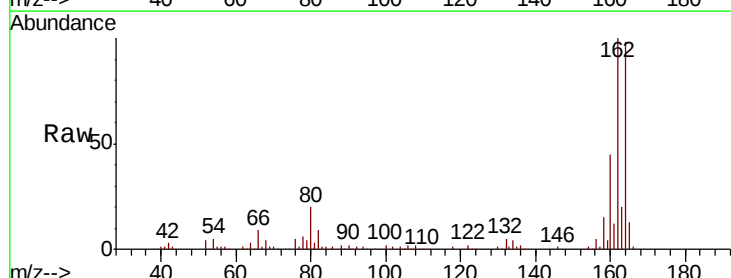
Tgt Ion:165 Resp: 14574

Ion Ratio Lower Upper

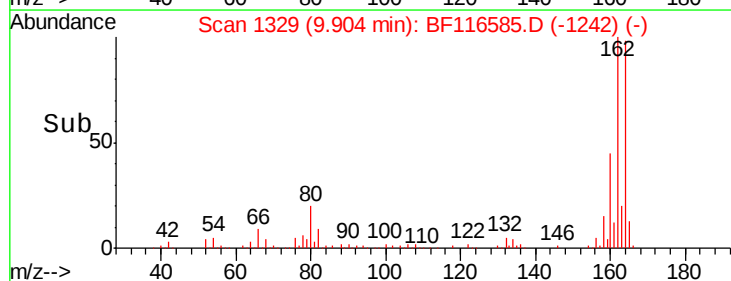
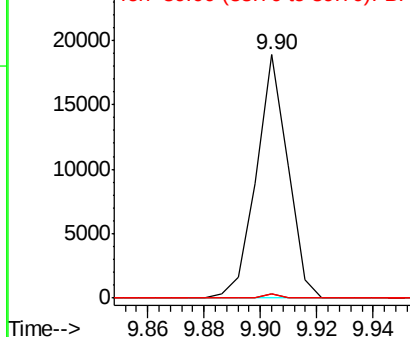
165 100

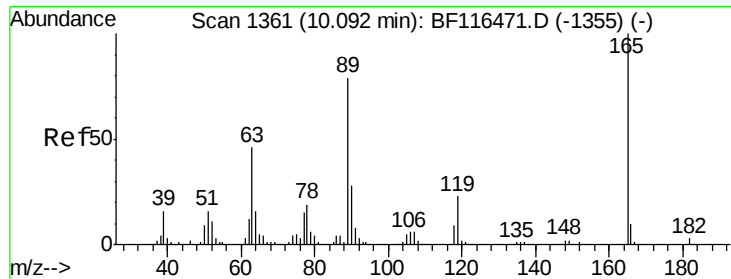
63 1.7 43.7 65.5#

89 1.6 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

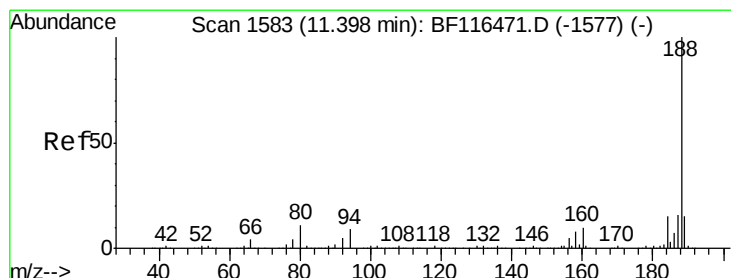
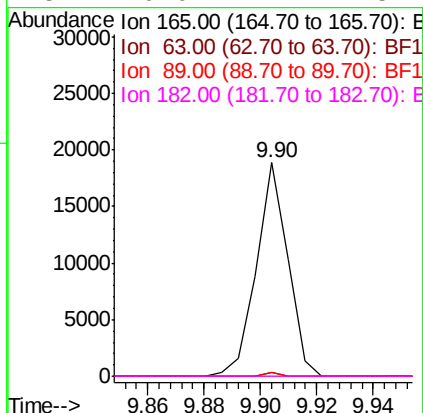
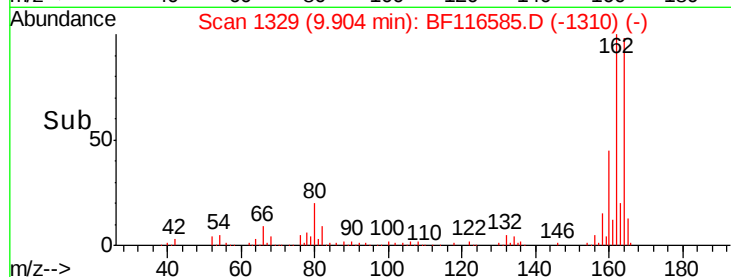
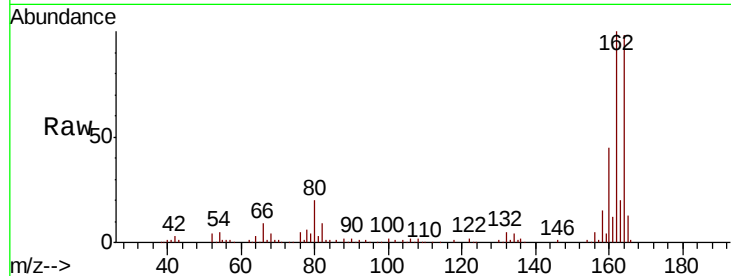




#57
 2,4-Dinitrotoluene
 Concen: 7.291 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.19 min
 Lab File: BF116585.D
 Acq: 27 Aug 2019 15:13

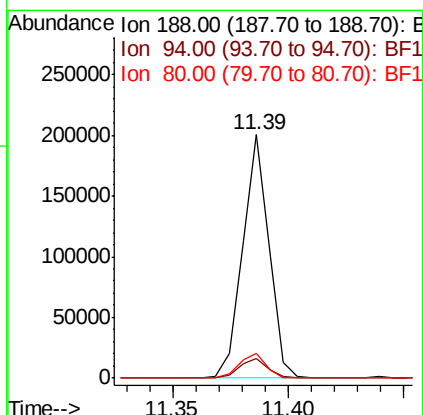
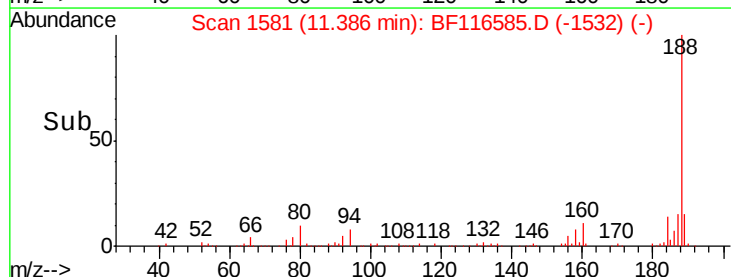
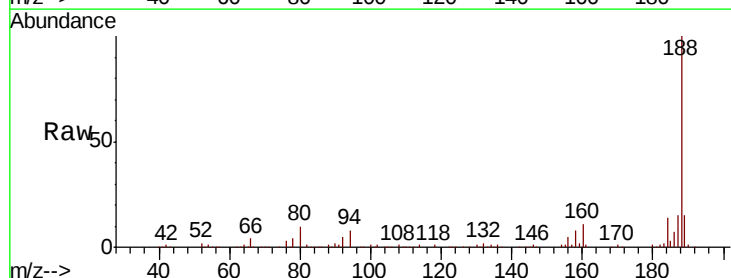
Instrument :
 BNA_F
 ClientSampleId :

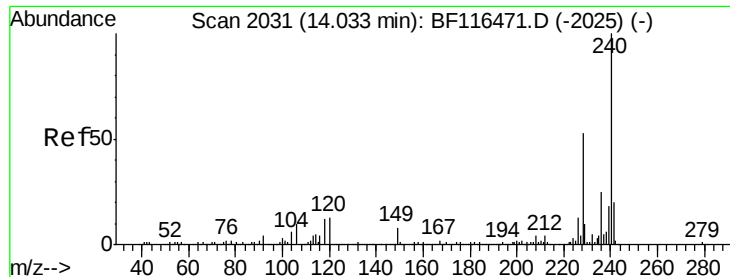
Tot Ion:165	Resp:	14574
Ion Ratio	Lower	Upper
165	100	
63	1.7	36.9 55.3#
89	1.6	63.4 95.0#
182	0.0	2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF116585.D
 Acq: 27 Aug 2019 15:13

Tgt Ion:188	Resp:	159039
Ion Ratio	Lower	Upper
188	100	
94	8.3	7.4 11.2
80	10.0	8.6 12.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF116585.D

Acq: 27 Aug 2019 15:13

Instrument :

BNA_F

ClientSampleId :

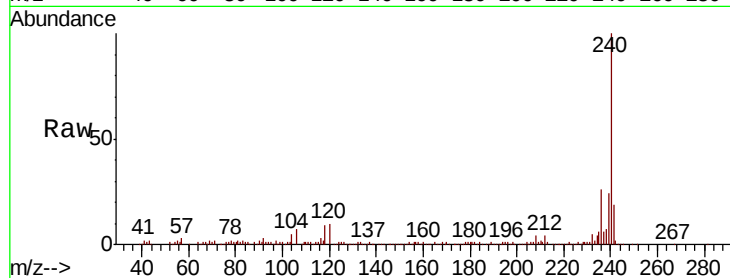
Tot Ion:240 Resp: 138619

Ion Ratio Lower Upper

240 100

120 9.7 10.5 15.7#

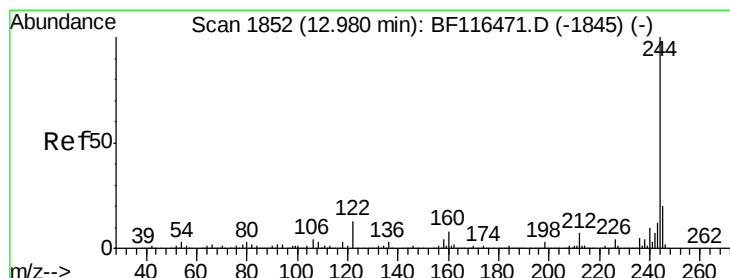
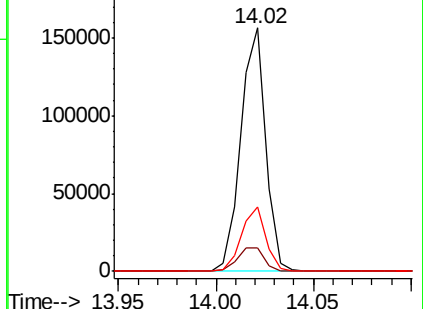
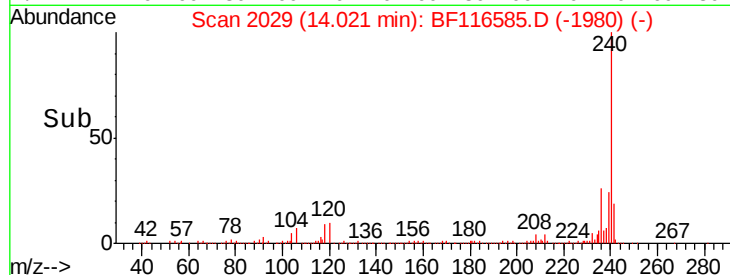
236 26.3 20.2 30.2



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: 25.918 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF116585.D

Acq: 27 Aug 2019 15:13

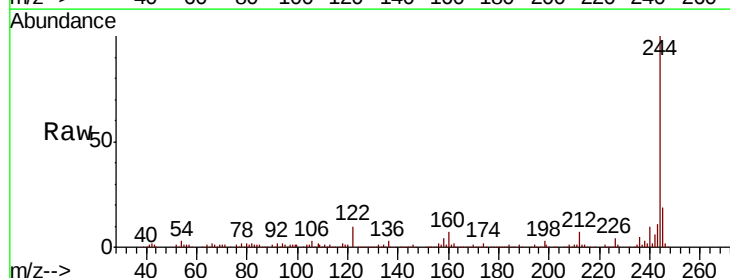
Tgt Ion:244 Resp: 192338

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

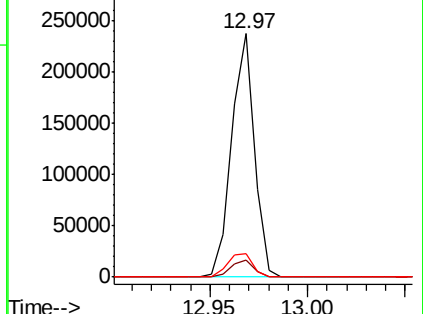
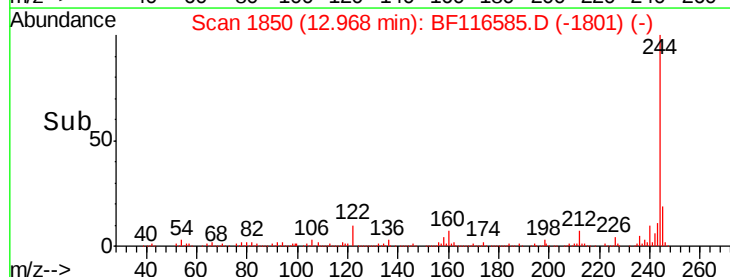
122 9.8 10.2 15.4#

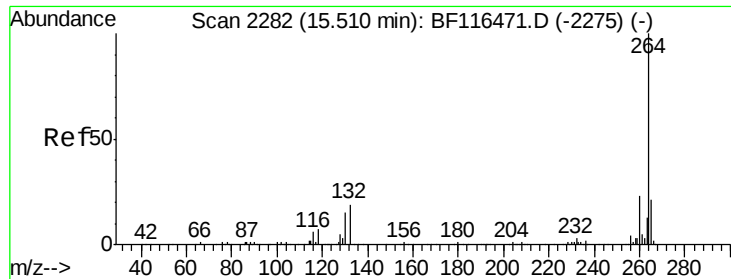


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BF116585.D
 Acq: 27 Aug 2019 15:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.8	28.2
265	21.8	17.1	25.7

