

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
 Data File : BF117566.D
 Acq On : 28 Oct 2019 17:25
 Operator : JU
 Sample : K5501-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 185-56-(0-2.2)

Quant Time: Oct 29 15:55:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

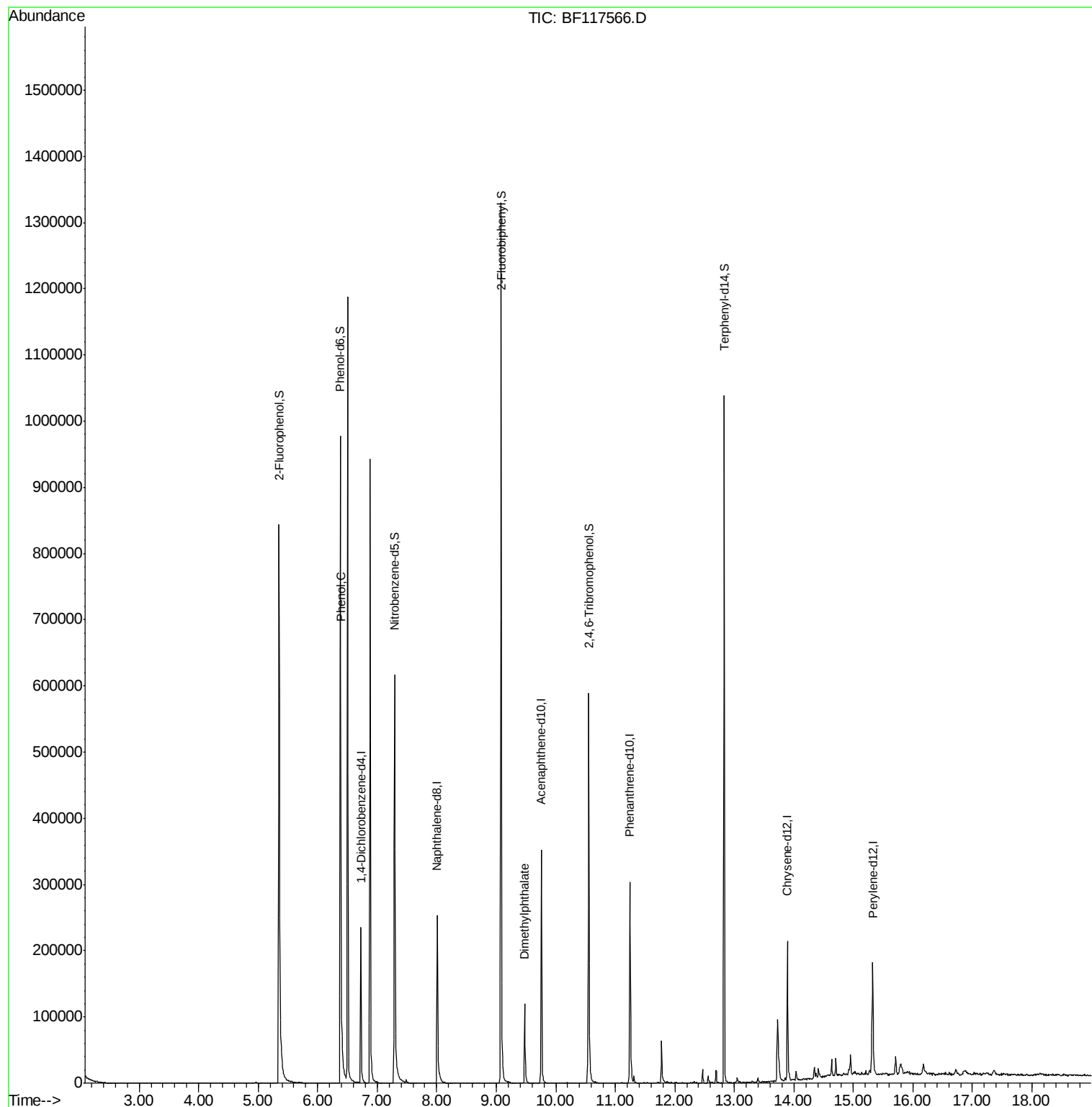
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	41892	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	165600	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	81818	20.00	ng	-0.01
64) Phenanthrene-d10	11.25	188	126165	20.00	ng	0.00
76) Chrysene-d12	13.89	240	73185	20.00	ng	0.00
87) Perylene-d12	15.32	264	81828	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	295166	104.82	ng	0.00
7) Phenol-d6	6.38	99	404480	106.95	ng	0.00
23) Nitrobenzene-d5	7.29	82	245132	73.08	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	71265	100.67	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	417050	71.82	ng	-0.01
79) Terphenyl-d14	12.83	244	309576	69.00	ng	0.00
Target Compounds						
10) Phenol	6.39	94	10064	2.607	ng	93
50) Dimethylphthalate	9.48	163	61063	10.469	ng	99

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

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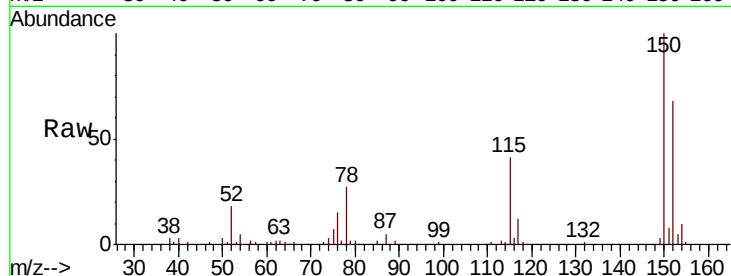


#1

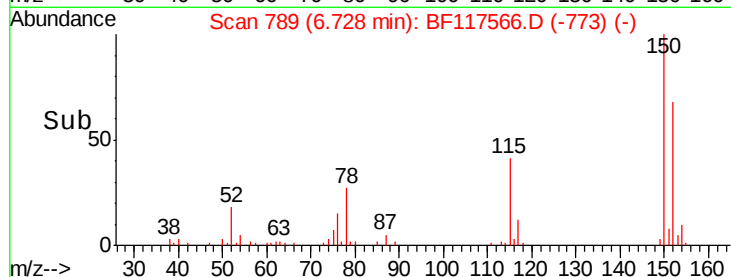
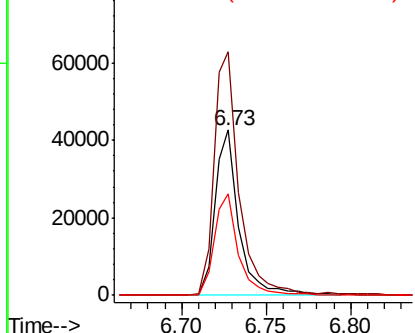
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF117566.D
 Acq: 28 Oct 2019 17:25

Instrument :
 BNA_F
 ClientSampleId :
 185-56-(0-2.2)

Tot Ion:152 Resp: 41892
 Ion Ratio Lower Upper
 152 100
 150 147.5 126.8 190.2
 115 61.1 51.6 77.4



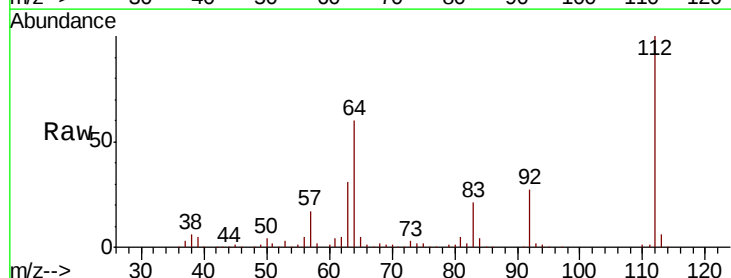
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



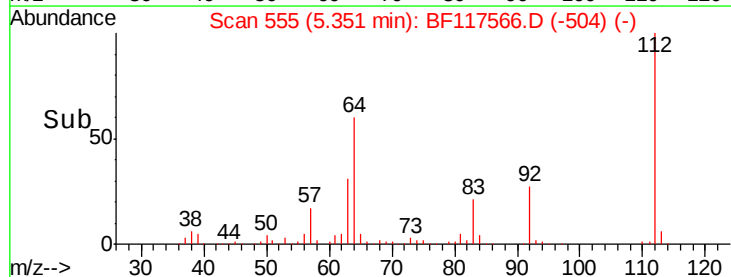
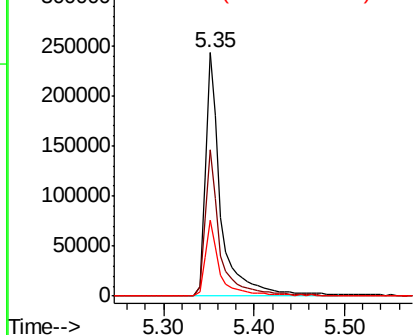
#5

2-Fluorophenol
 Concen: 104.822 ng
 RT: 5.35 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF117566.D
 Acq: 28 Oct 2019 17:25

Tgt Ion:112 Resp: 295166
 Ion Ratio Lower Upper
 112 100
 64 60.0 44.1 66.1
 63 31.2 23.4 35.2



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: 106.947 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF117566.D

Acq: 28 Oct 2019 17:25

Instrument :

BNA_F

ClientSampleId :

185-56-(0-2.2)

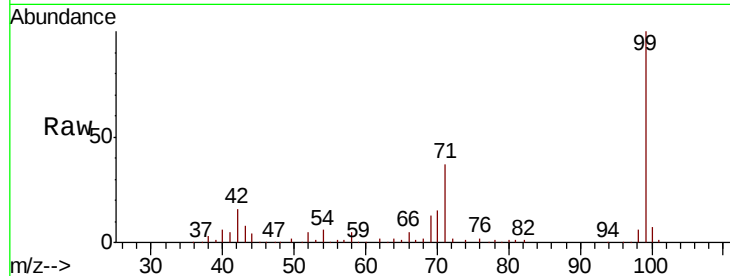
Tot Ion: 99 Resp: 404480

Ion Ratio Lower Upper

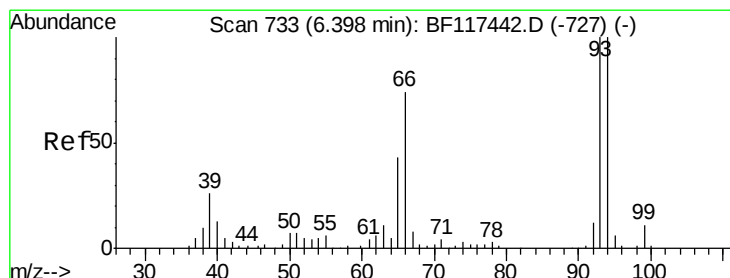
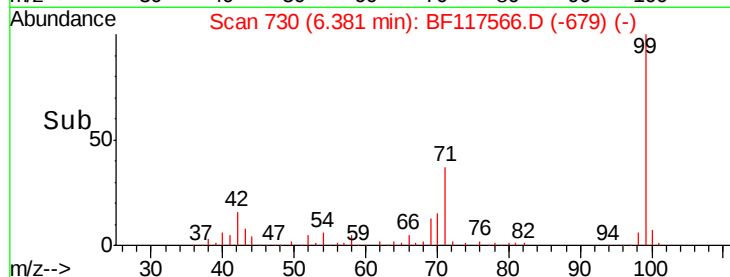
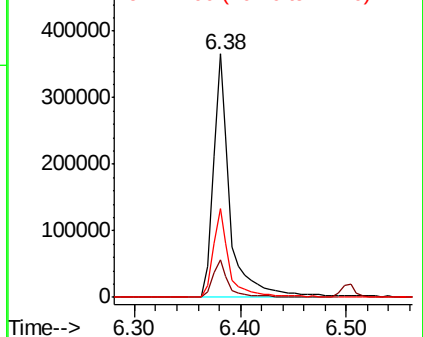
99 100

42 15.7 12.8 19.2

71 36.6 28.6 43.0



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



#10

Phenol

Concen: 2.607 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF117566.D

Acq: 28 Oct 2019 17:25

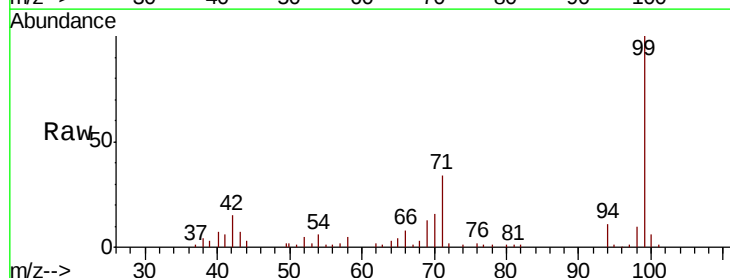
Tgt Ion: 94 Resp: 10064

Ion Ratio Lower Upper

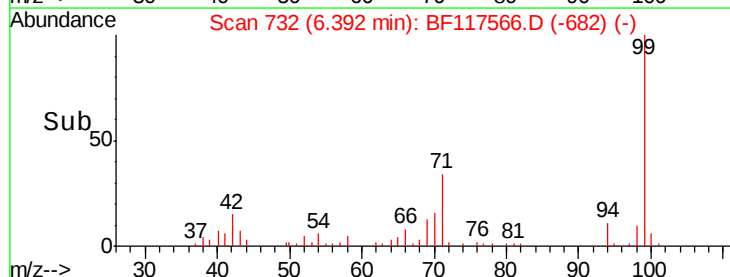
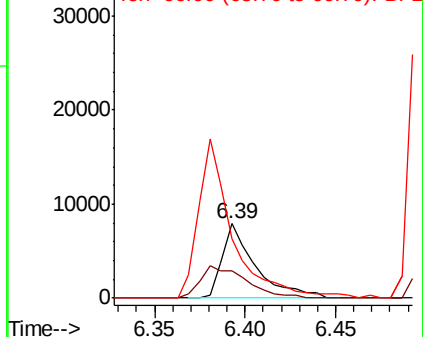
94 100

65 36.7 23.4 63.4

66 79.3 54.7 94.7



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

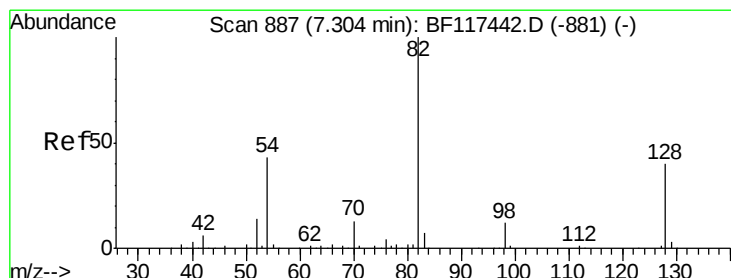
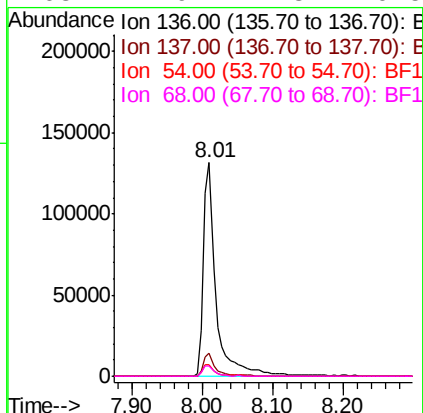
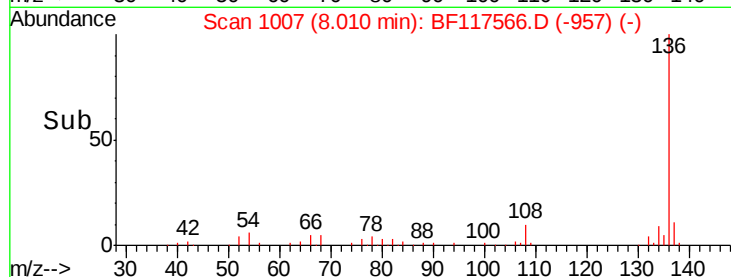
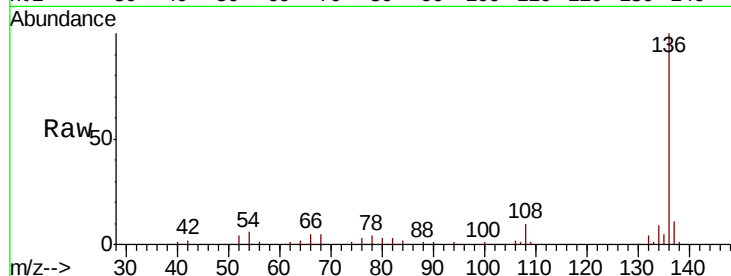




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117566.D
Acq: 28 Oct 2019 17:25

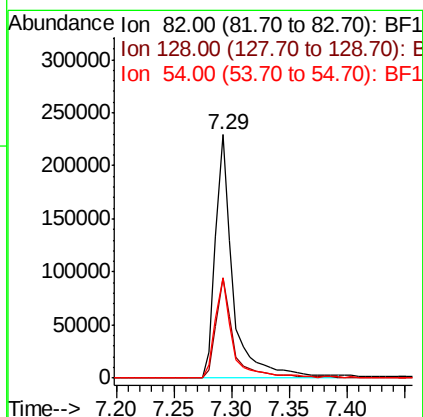
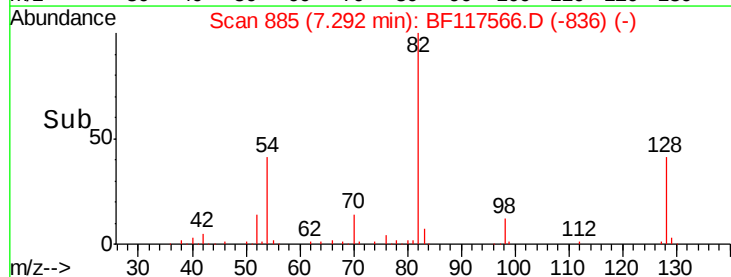
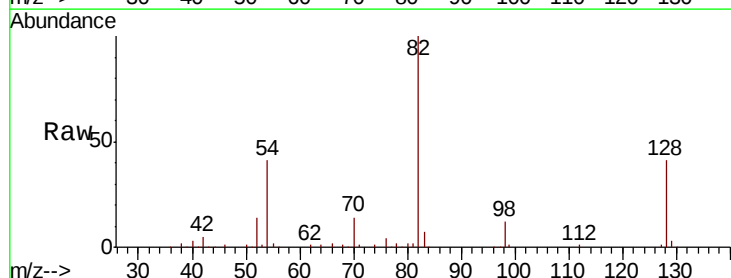
Instrument :
BNA_F
ClientSampleId :
185-56-(0-2.2)

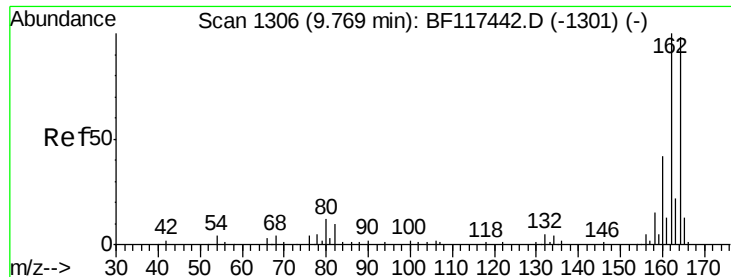
Tot Ion:136	Resp:	165600
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.2 12.4
54	5.7	4.5 6.7
68	4.9	4.3 6.5



#23
Nitrobenzene-d5
Concen: 73.078 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117566.D
Acq: 28 Oct 2019 17:25

Tgt Ion: 82	Resp:	245132
Ion Ratio	Lower	Upper
82	100	
128	41.4	32.2 48.2
54	41.3	34.2 51.2

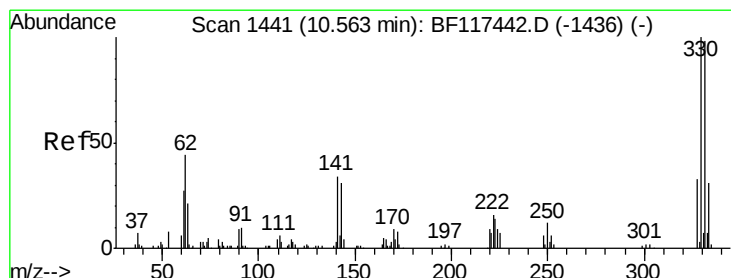
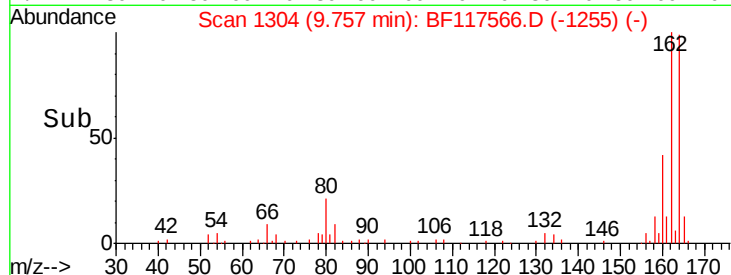
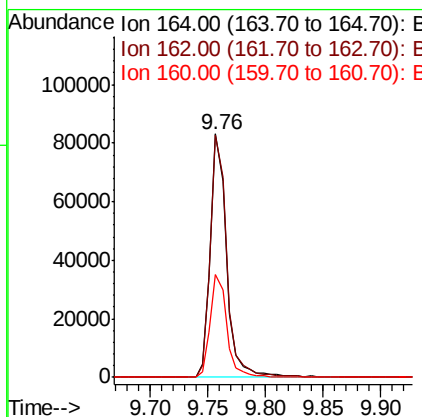
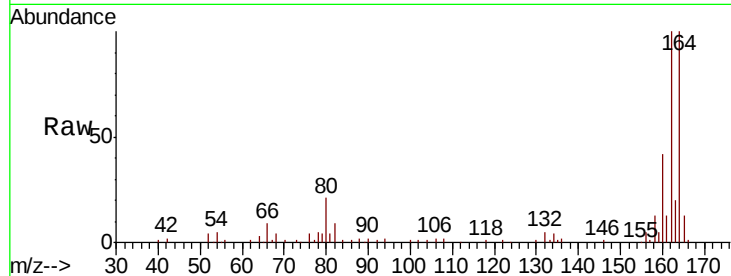




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF117566.D
 Acq: 28 Oct 2019 17:25

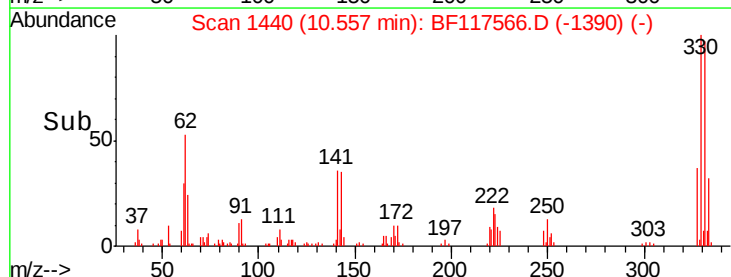
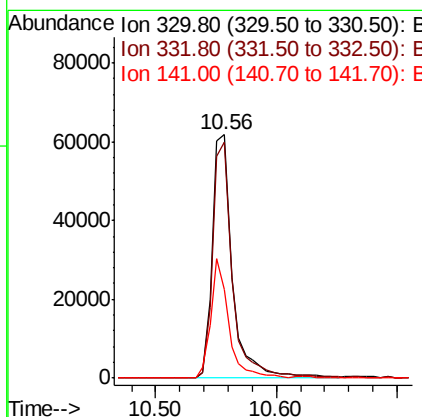
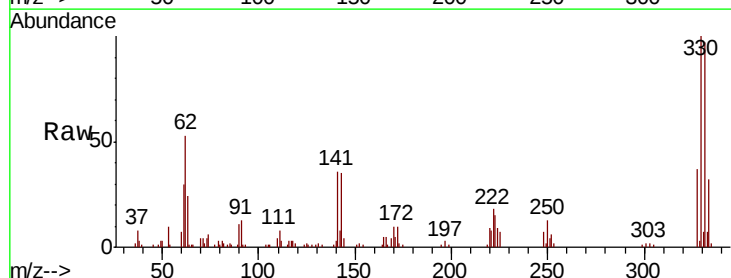
Instrument :
 BNA_F
 ClientSampled :
 185-56-(0-2.2)

Tot Ion:164 Resp: 81818
 Ion Ratio Lower Upper
 164 100
 162 99.6 81.8 122.6
 160 42.2 34.4 51.6



#42
 2,4,6-Tribromophenol
 Concen: 100.666 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF117566.D
 Acq: 28 Oct 2019 17:25

Tgt Ion:330 Resp: 71265
 Ion Ratio Lower Upper
 330 100
 332 95.0 78.5 117.7
 141 43.1 37.0 55.6

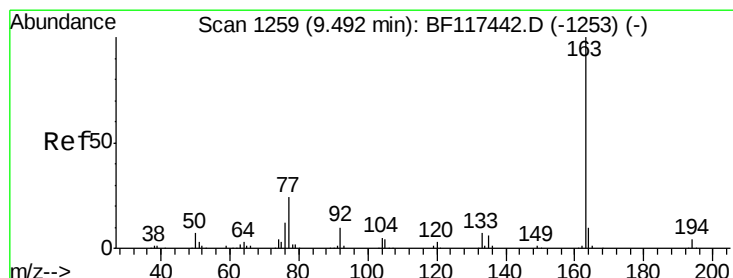
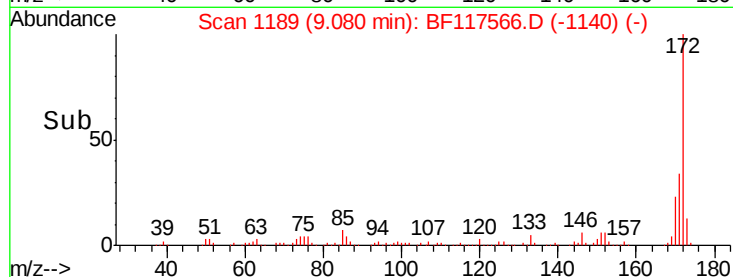
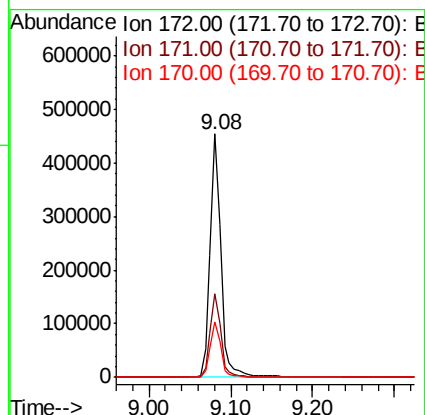
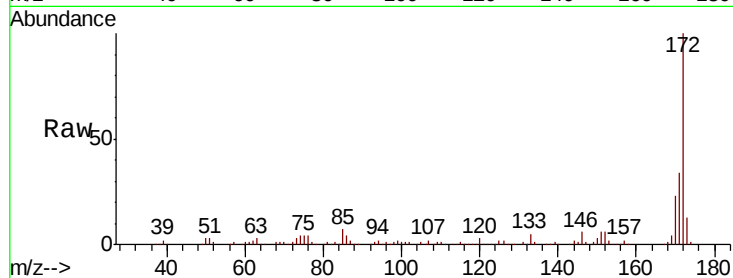




#45
2-Fluorobiphenyl
Concen: 71.820 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117566.D
Acq: 28 Oct 2019 17:25

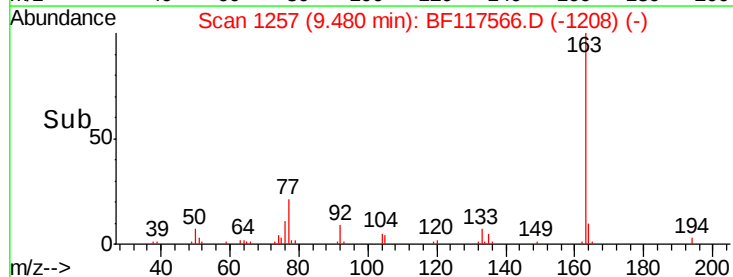
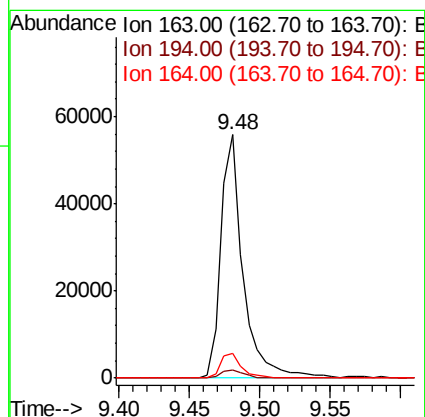
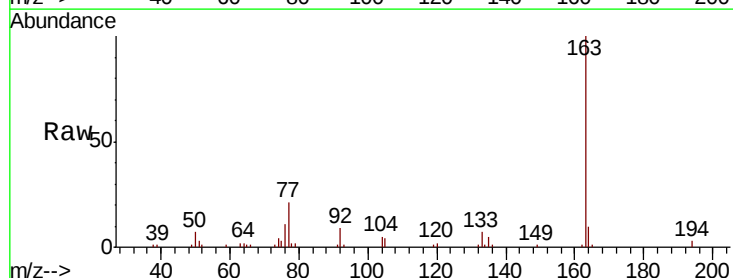
Instrument :
BNA_F
ClientSampleId :
185-56-(0-2.2)

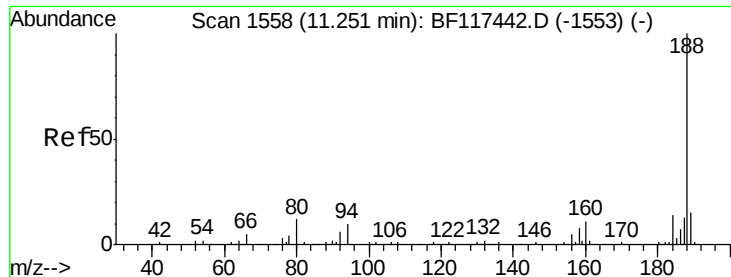
Tot Ion:172 Resp: 417050
Ion Ratio Lower Upper
172 100
171 34.1 27.5 41.3
170 22.7 18.6 27.8



#50
Dimethylphthalate
Concen: 10.469 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117566.D
Acq: 28 Oct 2019 17:25

Tgt Ion:163 Resp: 61063
Ion Ratio Lower Upper
163 100
194 3.3 2.9 4.3
164 9.9 8.2 12.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF117566.D

Acq: 28 Oct 2019 17:25

Instrument :

BNA_F

ClientSampleId :

185-56-(0-2.2)

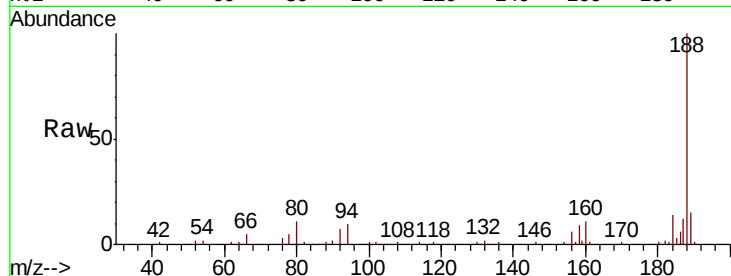
Tot Ion:188 Resp: 126165

Ion Ratio Lower Upper

188 100

94 10.3 8.0 12.0

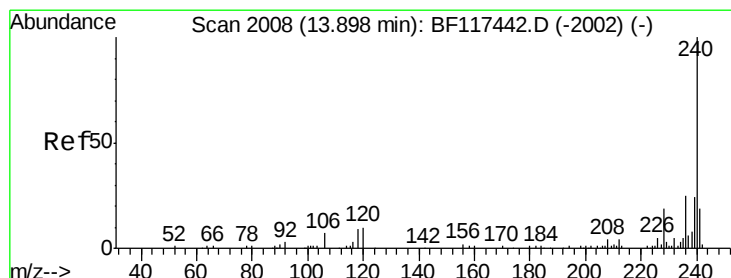
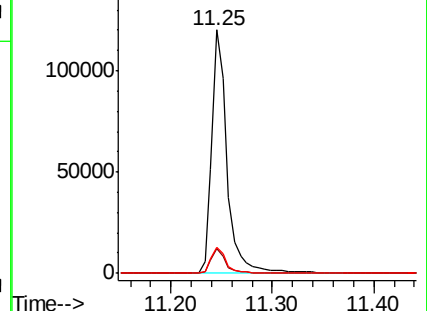
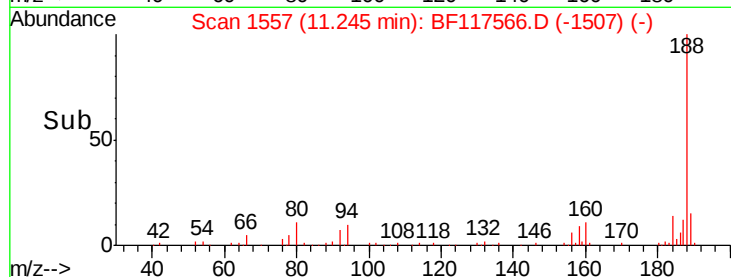
80 10.5 9.5 14.3



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF117566.D

Acq: 28 Oct 2019 17:25

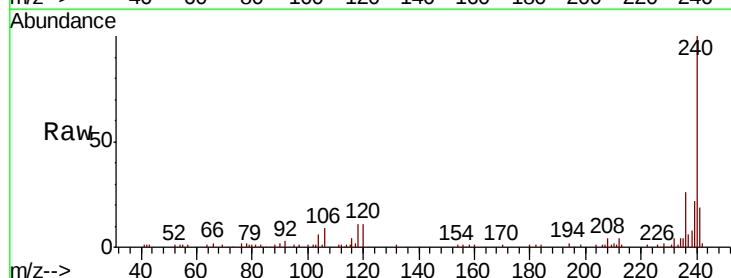
Tgt Ion:240 Resp: 73185

Ion Ratio Lower Upper

240 100

120 11.0 8.4 12.6

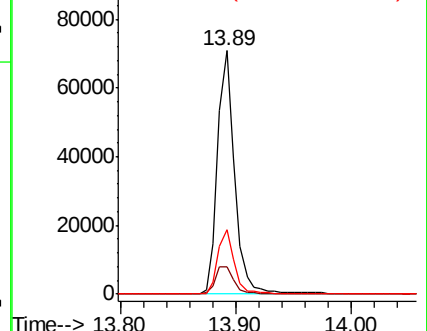
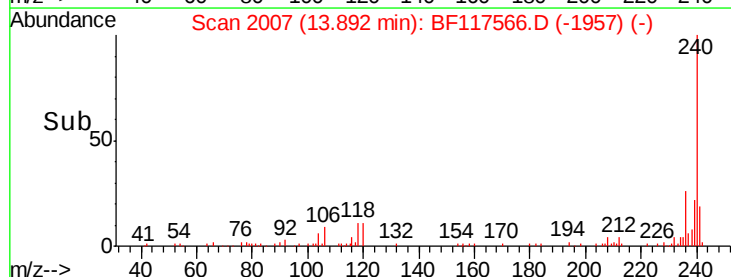
236 26.5 20.0 30.0

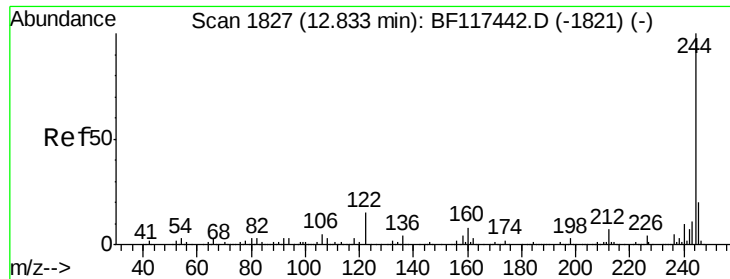


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

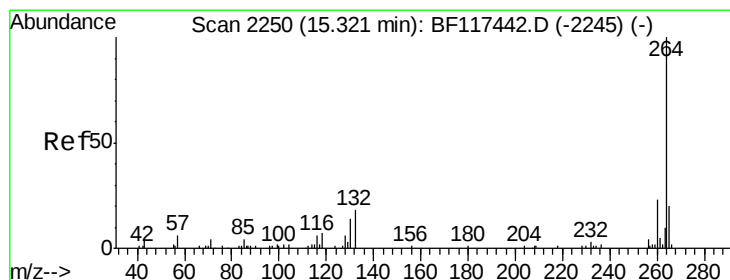
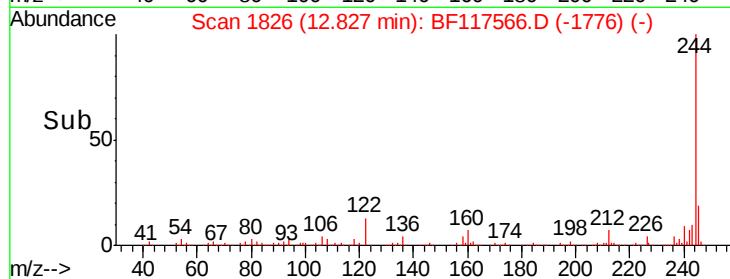
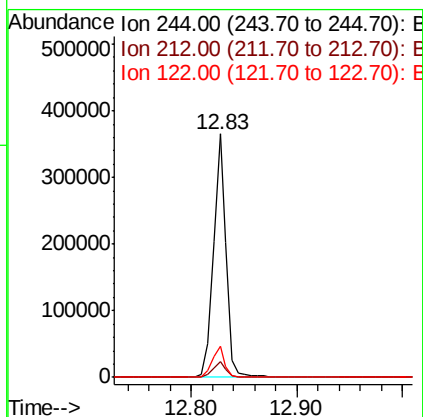
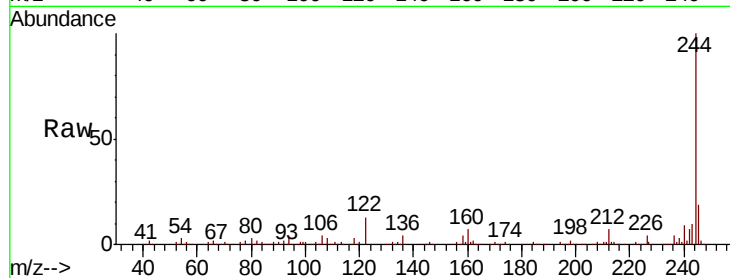




#79
 Terphenyl-d14
 Concen: 68.997 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117566.D
 Acq: 28 Oct 2019 17:25

Instrument :
 BNA_F
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 185-56-(0-2.2)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	13.0	11.8	17.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: BF117566.D
 Acq: 28 Oct 2019 17:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.7	18.4	27.6
265	20.9	16.1	24.1

