

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
 Data File : BF119645.D
 Acq On : 30 Mar 2020 20:47
 Operator : MA/SJ
 Sample : L2042-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-5.5-6.0

Quant Time: Mar 31 01:48:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

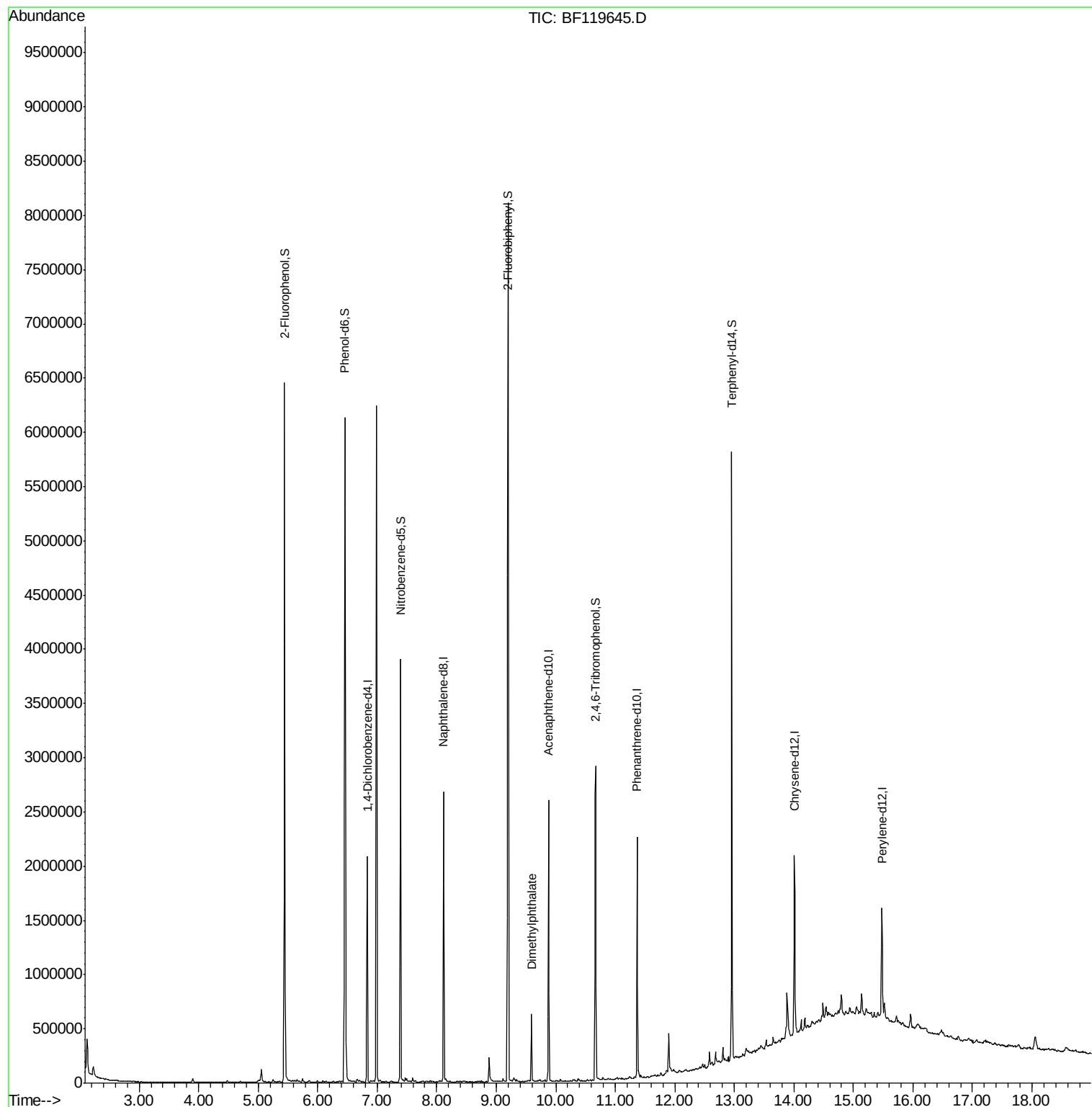
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	312257	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1113429	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	501771	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	775172	20.00	ng	0.00
76) Chrysene-d12	14.01	240	546109	20.00	ng	0.00
87) Perylene-d12	15.48	264	470932	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1886459	96.17	ng	0.00
7) Phenol-d6	6.46	99	2445371	97.59	ng	0.00
23) Nitrobenzene-d5	7.39	82	1212695	59.19	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	363511	70.22	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2589770	76.46	ng	0.00
79) Terphenyl-d14	12.96	244	2005498	71.95	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	221416	6.212	ng	Qvalue 100

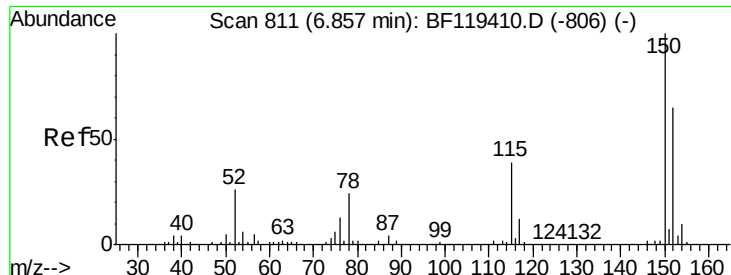
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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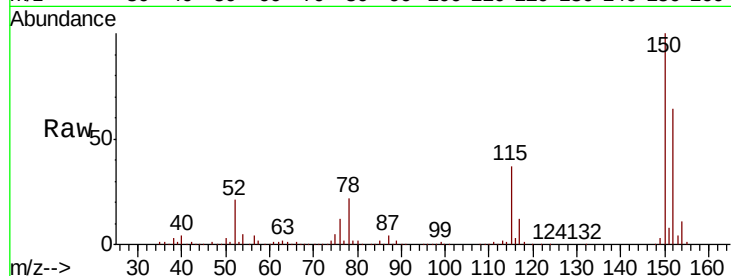


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119645.D
Acq: 30 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleId :
SB-04-5.5-6.0

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.5	186.7
115	57.3	49.6	74.4

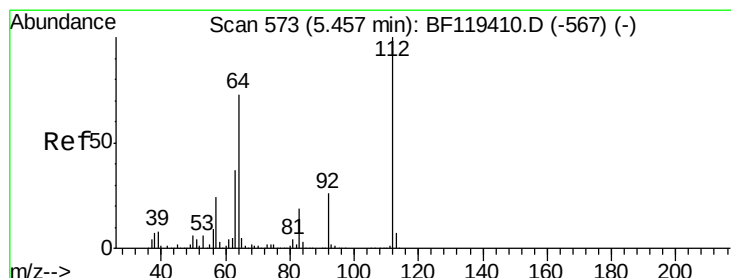
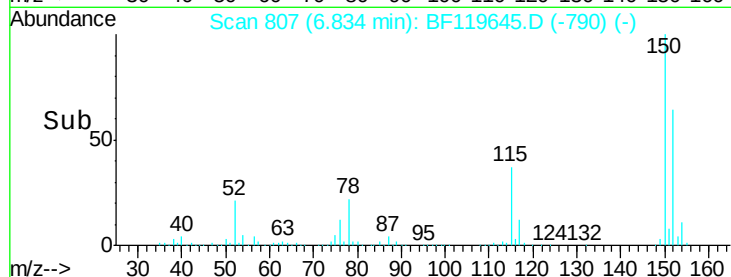
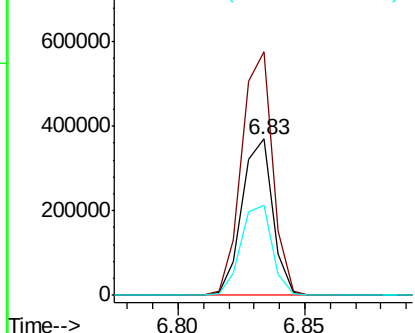


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

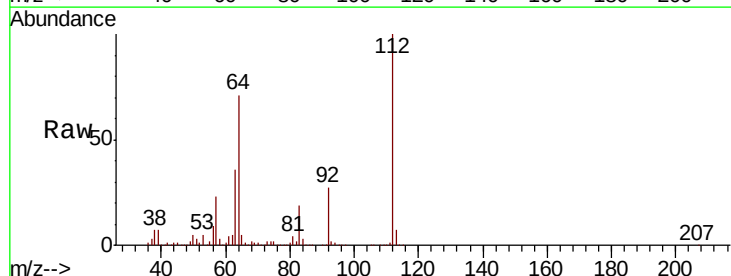
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 96.173 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF119645.D
Acq: 30 Mar 2020 20:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.2	56.7	85.1
63	36.1	29.5	44.3

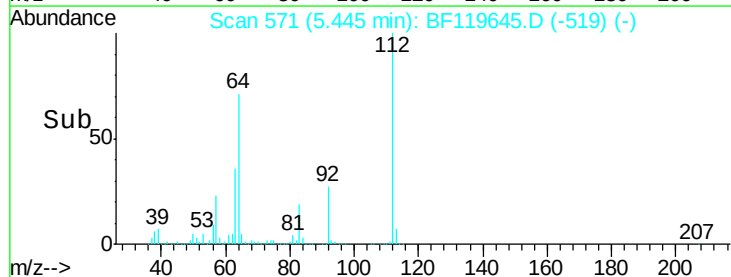
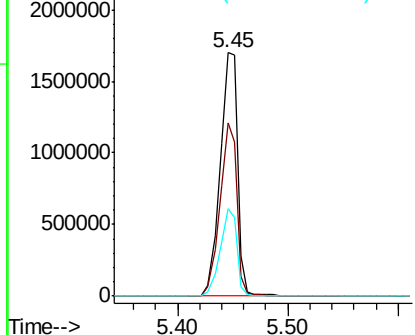


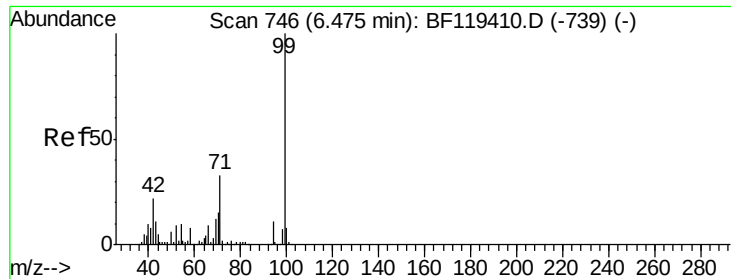
Abundance

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: 97.592 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119645.D

Acq: 30 Mar 2020 20:47

Instrument :

BNA_F

ClientSampled :

SB-04-5.5-6.0

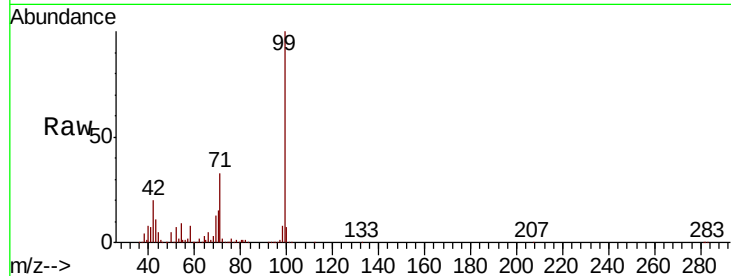
Tot Ion: 99 Resp: 2445371

Ion Ratio Lower Upper

99 100

42 20.1 16.6 24.8

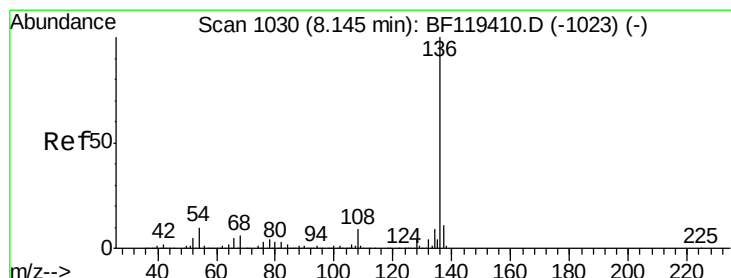
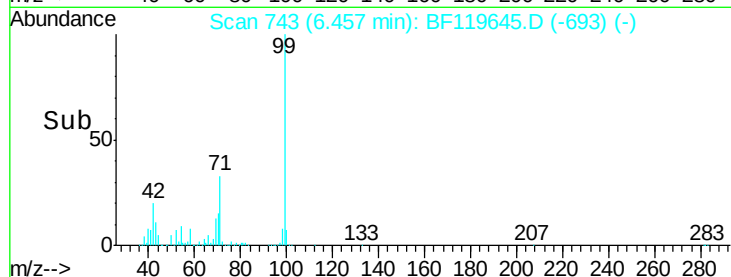
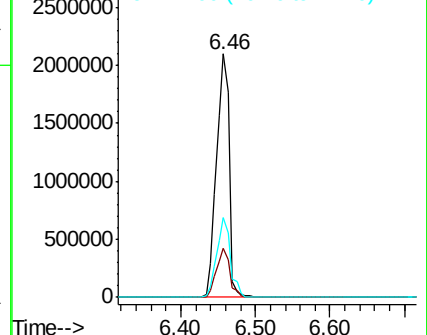
71 32.7 26.4 39.6



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119645.D

Acq: 30 Mar 2020 20:47

Tgt Ion: 136 Resp: 1113429

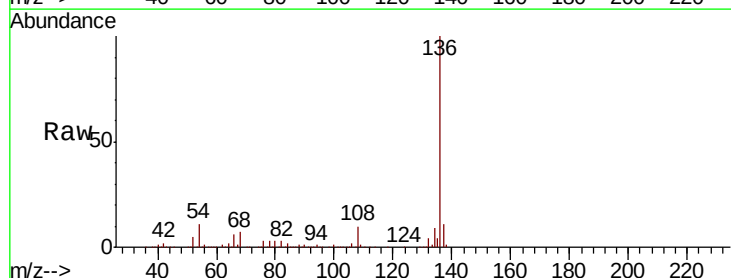
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.4 9.1 13.7

68 6.5 4.6 6.8

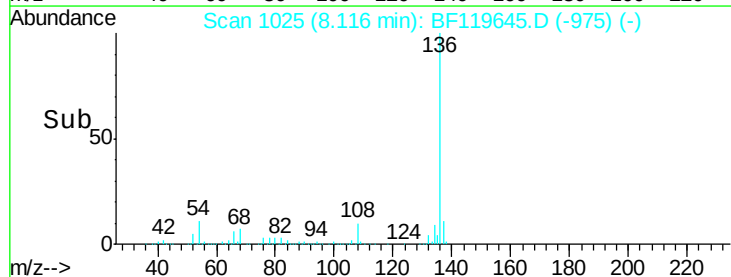
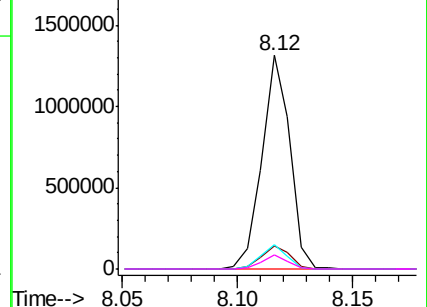


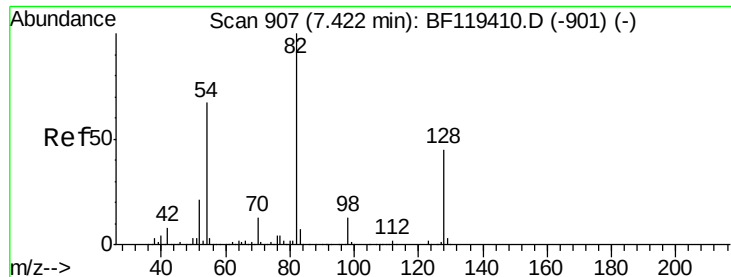
Abundance Ion 136.00 (135.70 to 136.70): E

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

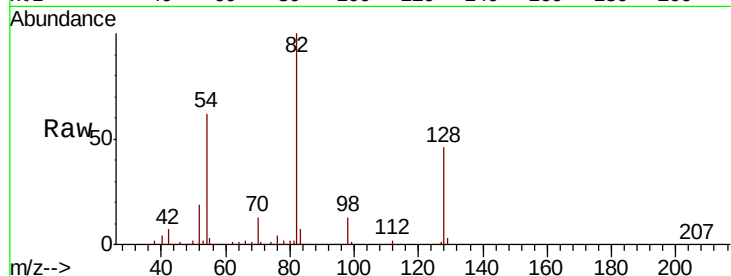




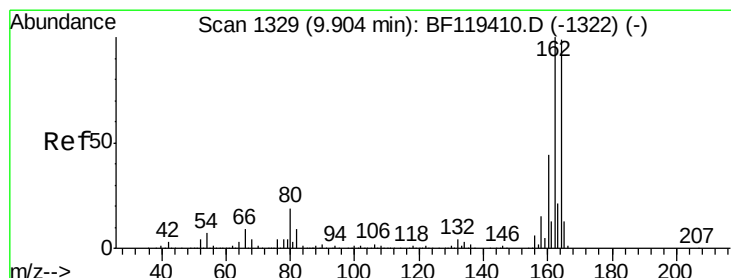
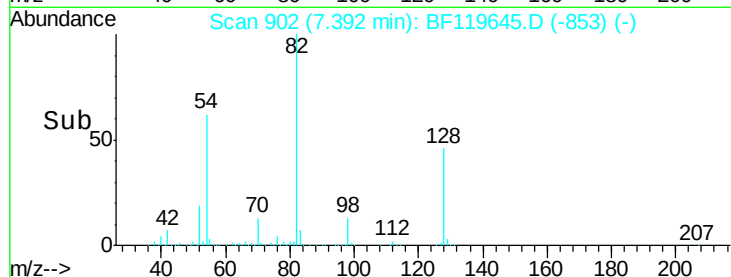
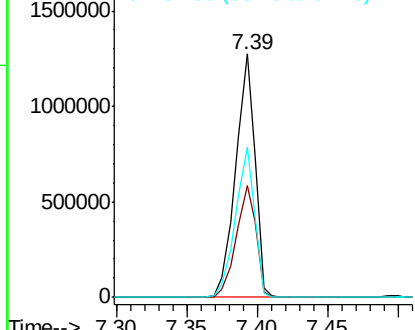
#23
Nitrobenzene-d5
Concen: 59.193 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119645.D
Acq: 30 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleId :
SB-04-5.5-6.0

Tot Ion: 82 Resp: 1212695
Ion Ratio Lower Upper
82 100
128 45.7 36.3 54.5
54 61.8 50.6 75.8

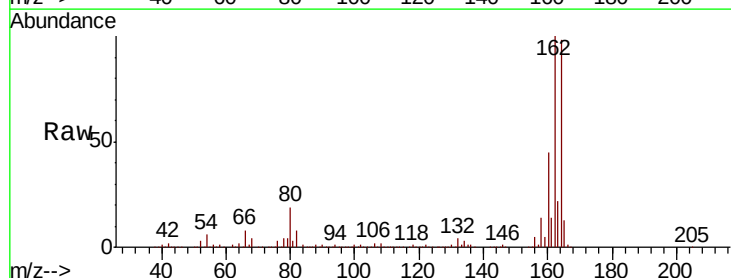


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

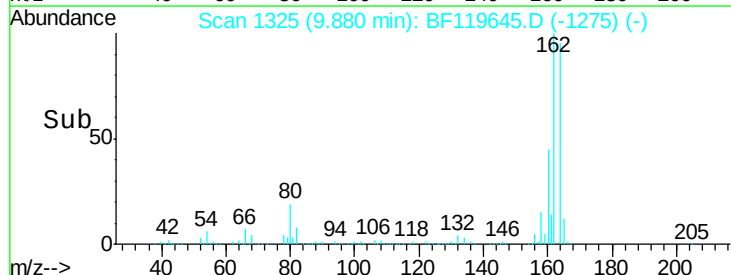
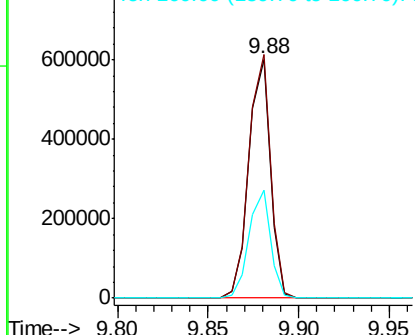


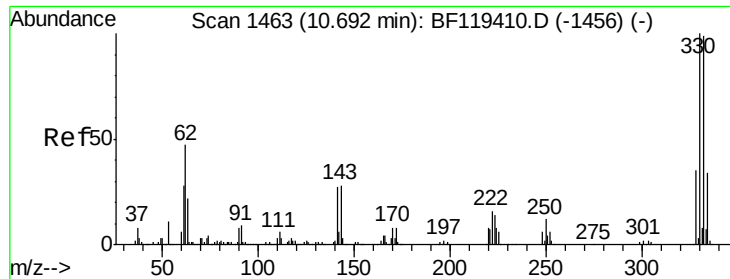
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF119645.D
Acq: 30 Mar 2020 20:47

Tgt Ion: 164 Resp: 501771
Ion Ratio Lower Upper
164 100
162 101.9 80.6 121.0
160 45.4 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

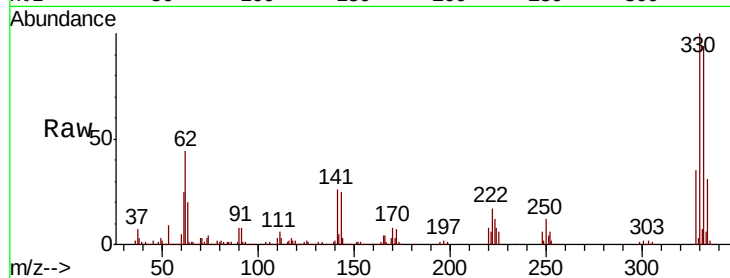




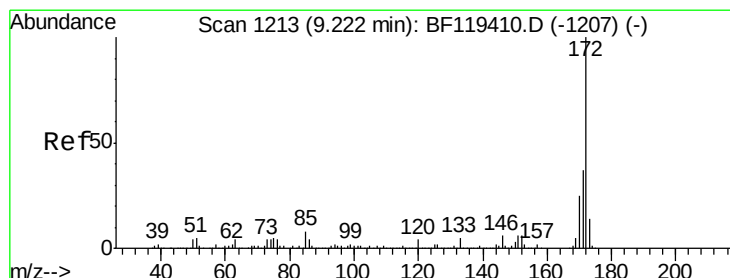
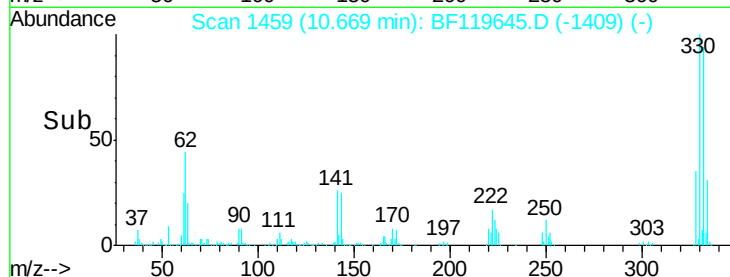
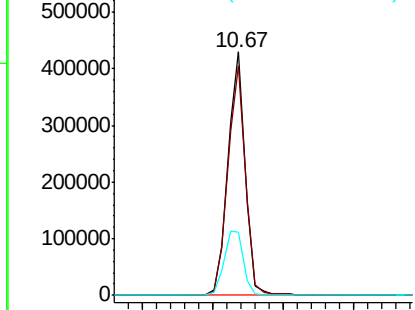
#42
 2,4,6-Tribromophenol
 Concen: 70.222 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119645.D
 Acq: 30 Mar 2020 20:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-5.5-6.0

Tot Ion:330 Resp: 363511
 Ion Ratio Lower Upper
 330 100
 332 97.0 75.7 113.5
 141 30.3 25.4 38.0

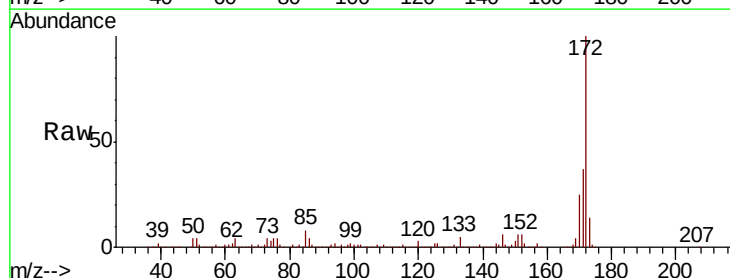


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

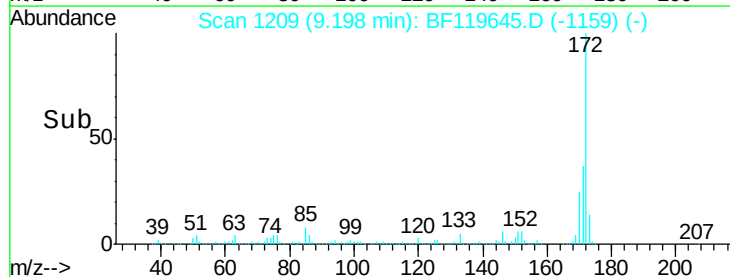
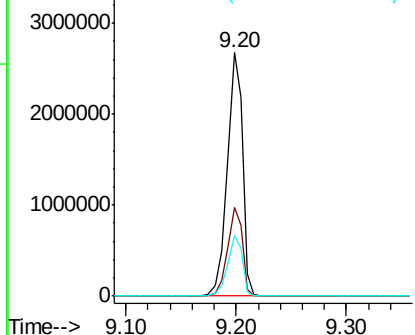


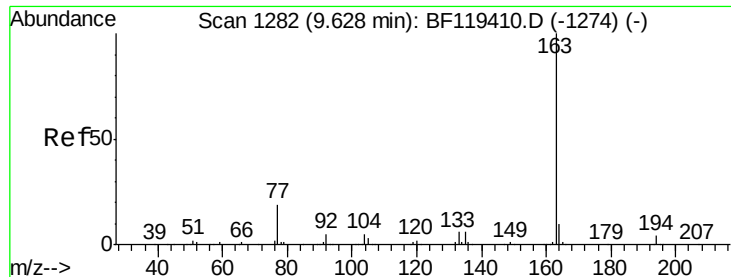
#45
 2-Fluorobiphenyl
 Concen: 76.463 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119645.D
 Acq: 30 Mar 2020 20:47

Tgt Ion:172 Resp: 2589770
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.9 20.2 30.2



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

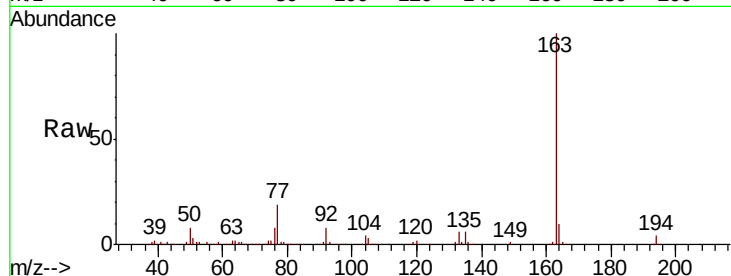




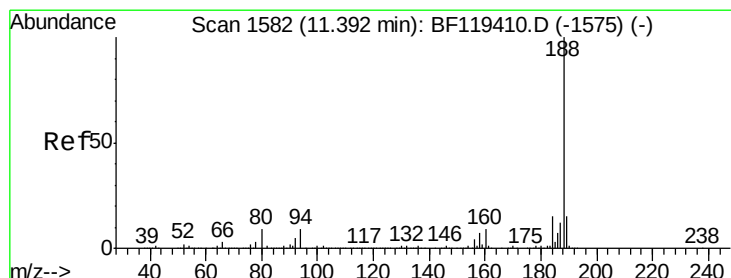
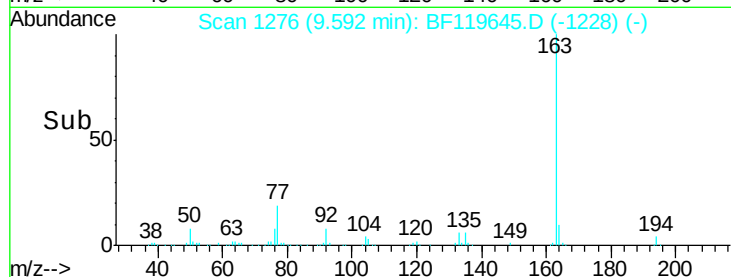
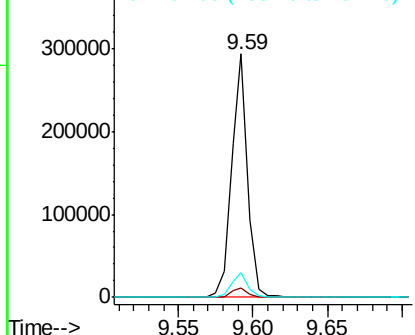
#50
Dimethylphthalate
Concen: 6.212 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF119645.D
Acq: 30 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleId :
SB-04-5.5-6.0

Tot Ion:163 Resp: 221416
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.1 8.2 12.2

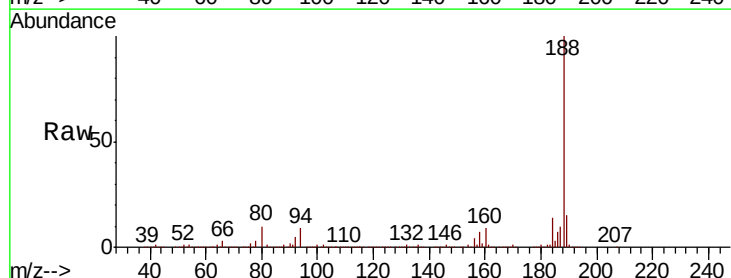


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

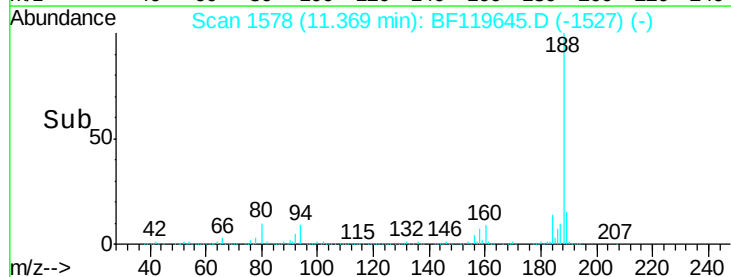
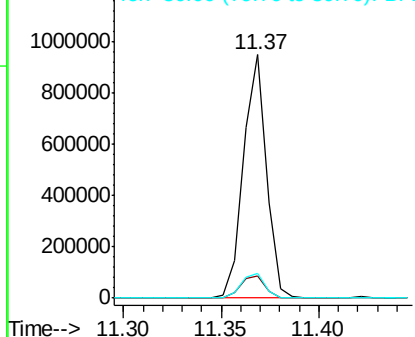


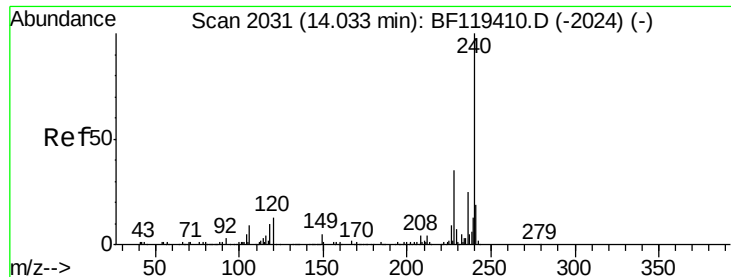
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF119645.D
Acq: 30 Mar 2020 20:47

Tgt Ion:188 Resp: 775172
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 10.3 9.0 13.4



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

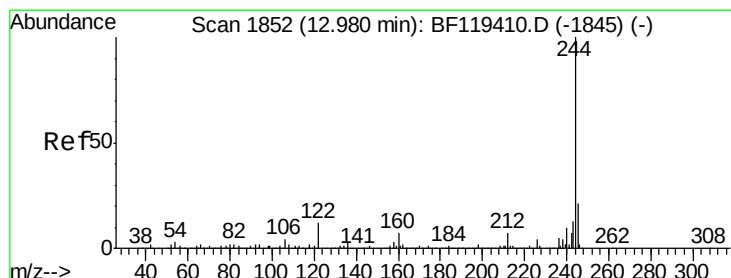
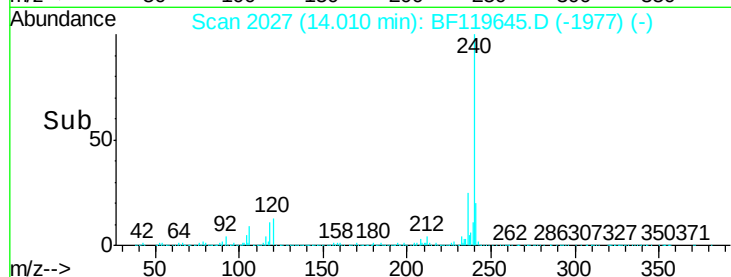
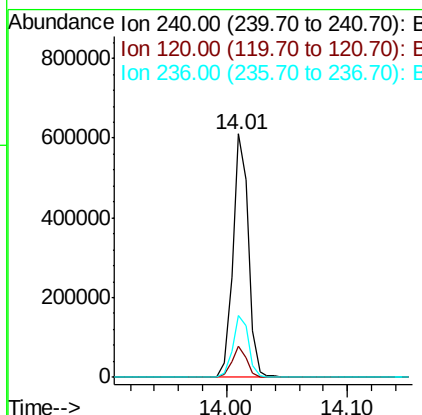
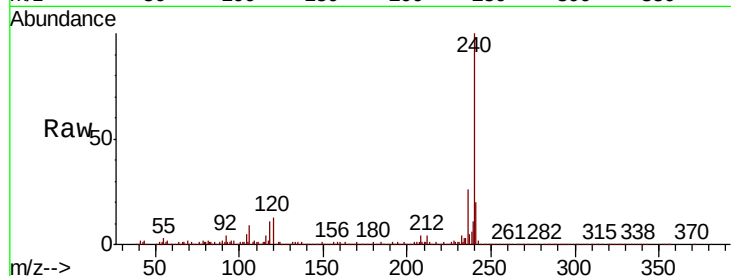




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF119645.D
Acq: 30 Mar 2020 20:47

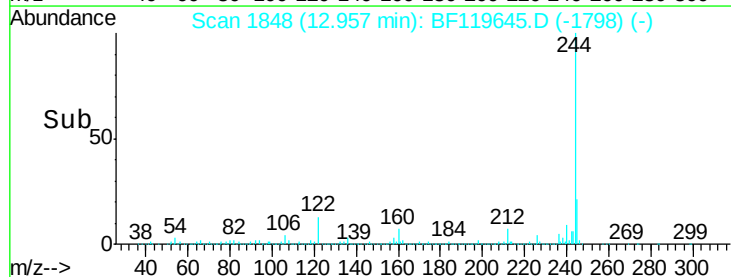
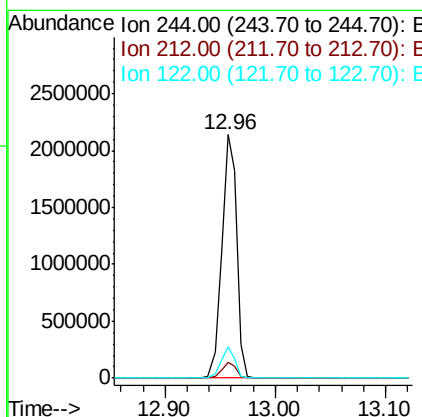
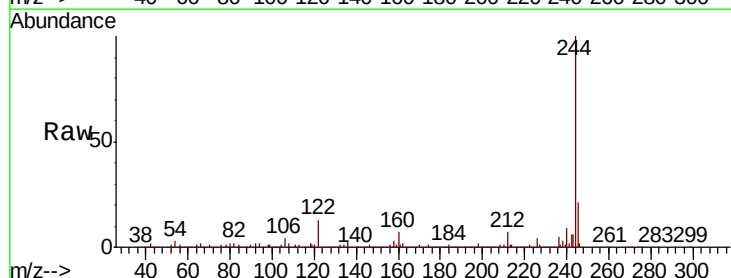
Instrument :
BNA_F
ClientSampleId :
SB-04-5.5-6.0

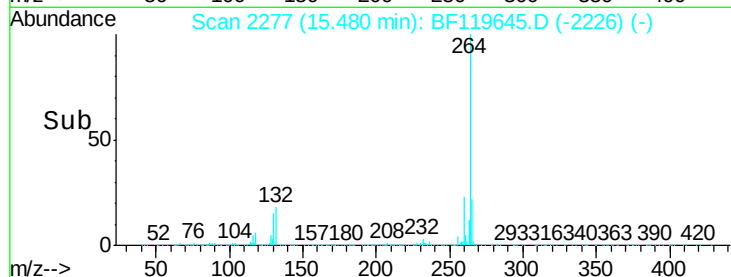
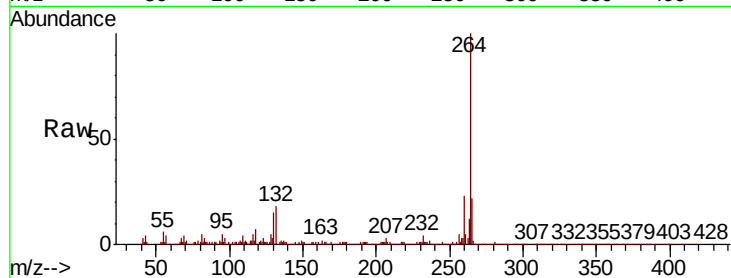
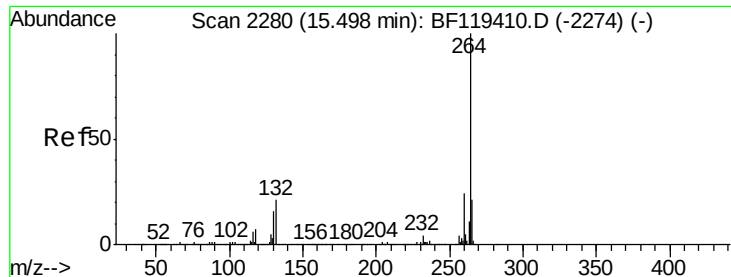
Tot Ion	Ratio	Lower	Upper
240	100		
120	13.0	10.6	15.8
236	25.6	20.2	30.2



#79
Terphenyl-d14
Concen: 71.949 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF119645.D
Acq: 30 Mar 2020 20:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	12.7	10.3	15.5





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BF119645.D
 Acq: 30 Mar 2020 20:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-5.5-6.0

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.8	17.7	26.5

