

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
 Data File : BF119520.D
 Acq On : 26 Mar 2020 1:04
 Operator : CG/JU
 Sample : L1994-02 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4A

Quant Time: Mar 26 07:14:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	345740	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1345213	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	729907	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	1385613	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	1018114	20.00	ng	-0.02
87) Perylene-d12	15.48	264	800566	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	241341	11.11	ng	-0.02
7) Phenol-d6	6.45	99	309688	11.16	ng	-0.02
23) Nitrobenzene-d5	7.39	82	186717	7.54	ng	-0.03
42) 2,4,6-Tribromophenol	10.67	330	94360	12.53	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	430947	8.75	ng	-0.02
79) Terphenyl-d14	12.96	244	547577	10.54	ng	-0.02

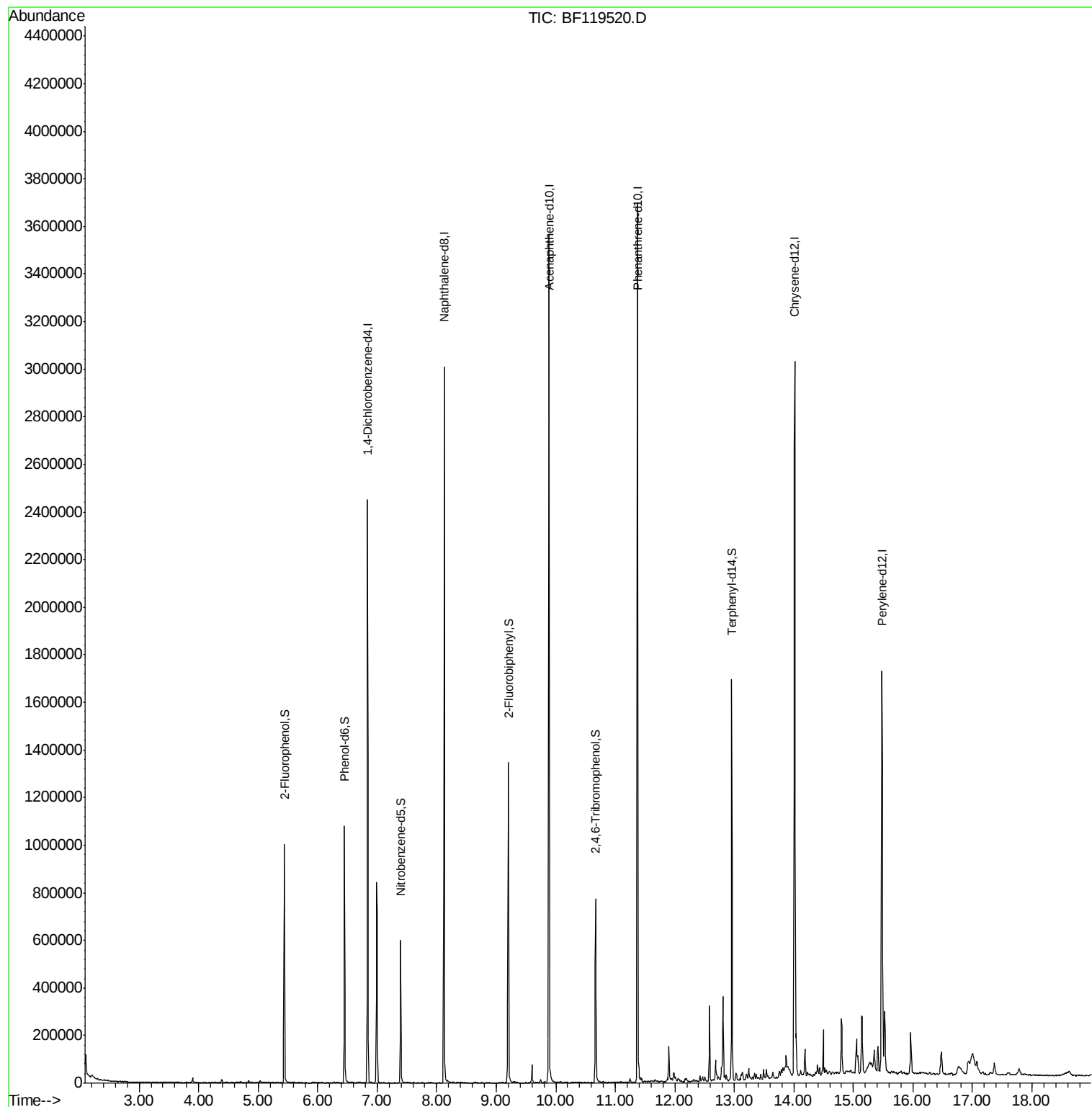
Target Compounds Qvalue

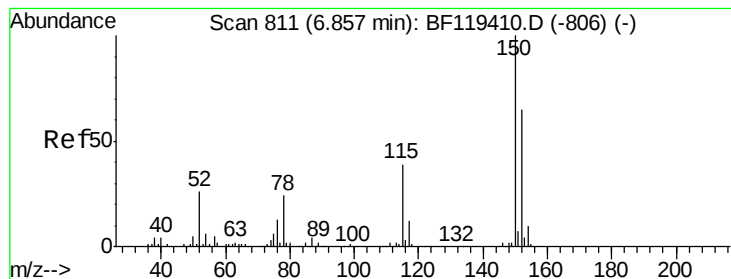
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
Data File : BF119520.D
Acq On : 26 Mar 2020 1:04
Operator : CG/JU
Sample : L1994-02 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4A

Quant Time: Mar 26 07:14:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration



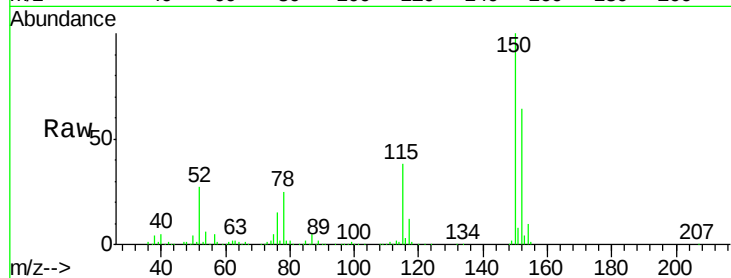


#1

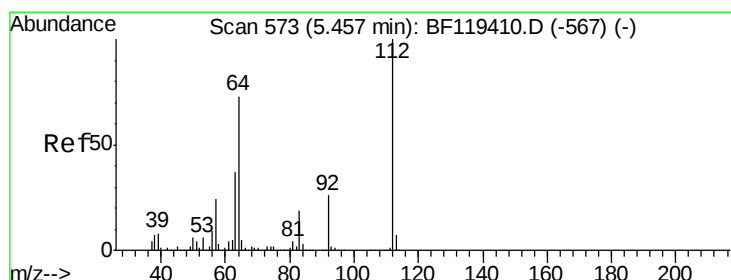
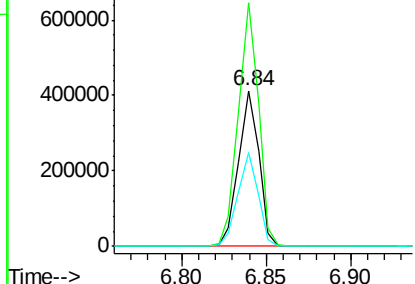
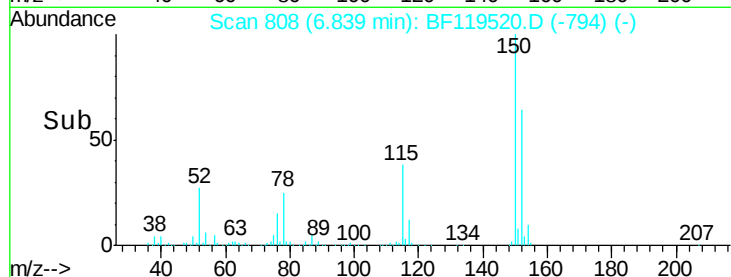
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF119520.D
Acq: 26 Mar 2020 1:04

Instrument :
BNA_F
ClientSampleId :
TP-4A

Tot Ion:152 Resp: 345740
Ion Ratio Lower Upper
152 100
150 156.7 123.9 185.9
115 60.3 47.8 71.6



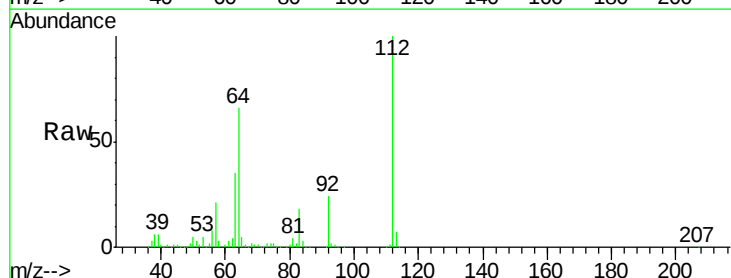
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



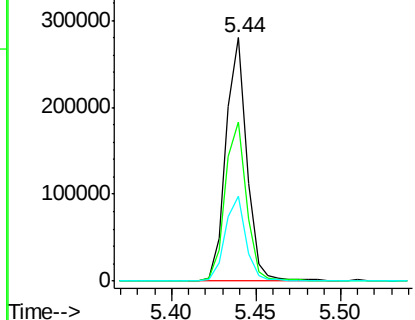
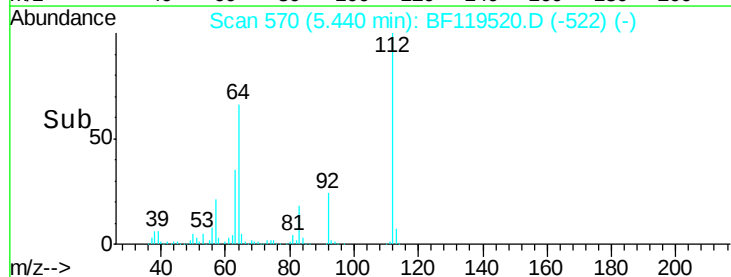
#5

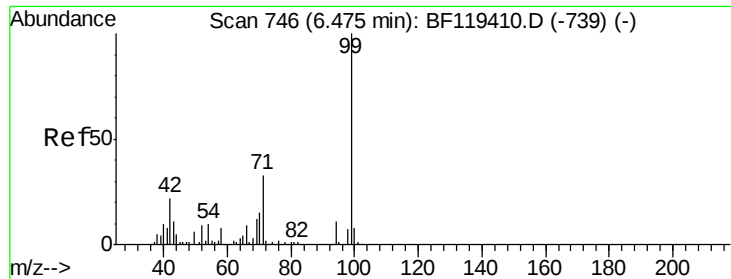
2-Fluorophenol
Concen: 11.112 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF119520.D
Acq: 26 Mar 2020 1:04

Tgt Ion:112 Resp: 241341
Ion Ratio Lower Upper
112 100
64 65.6 58.1 87.1
63 34.6 29.7 44.5



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: 11.162 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF119520.D

Acq: 26 Mar 2020 1:04

Instrument :

BNA_F

ClientSampleId :

TP-4A

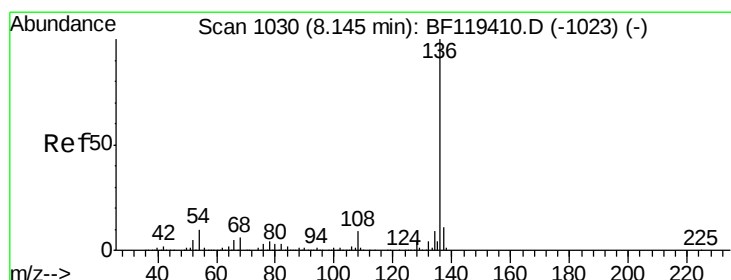
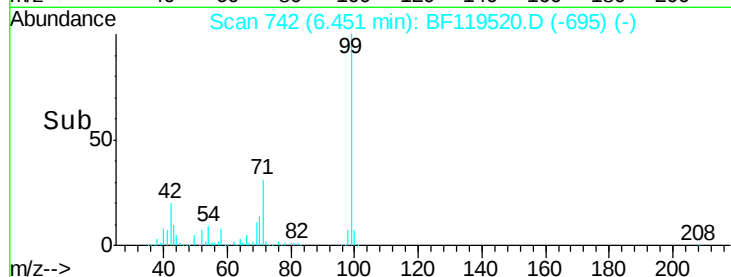
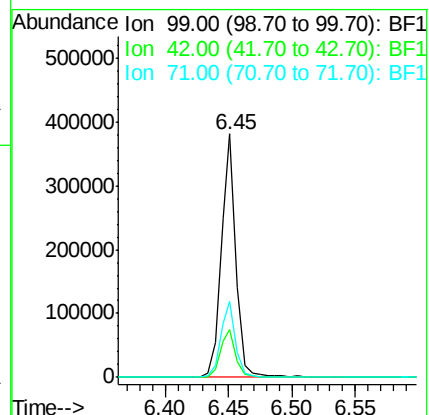
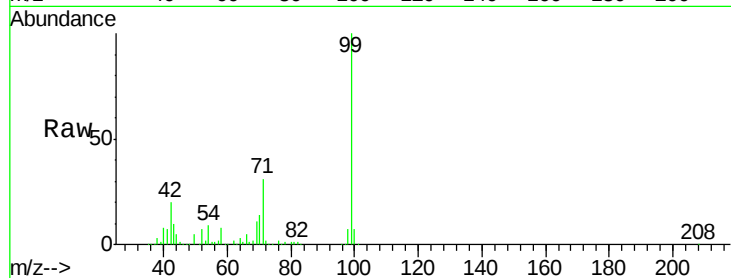
Tot Ion: 99 Resp: 309688

Ion Ratio Lower Upper

99 100

42 19.8 17.8 26.6

71 31.0 26.0 39.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF119520.D

Acq: 26 Mar 2020 1:04

Tgt Ion: 136 Resp: 1345213

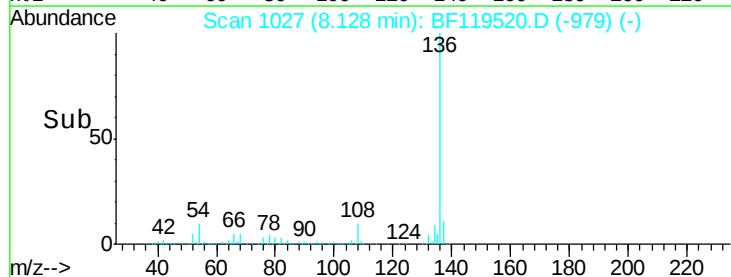
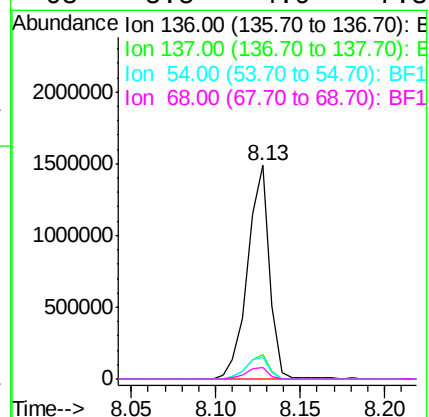
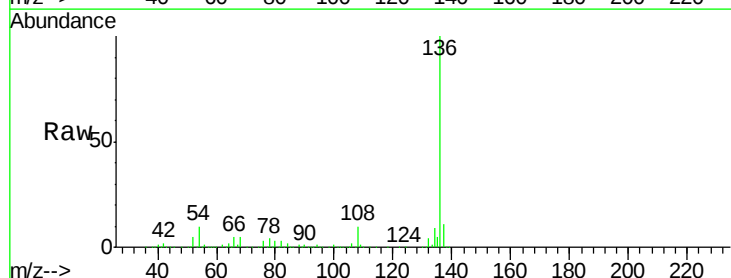
Ion Ratio Lower Upper

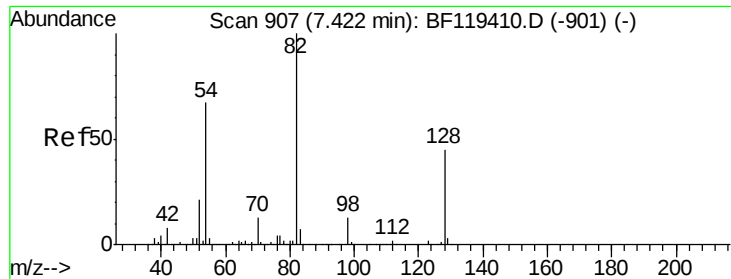
136 100

137 11.3 8.4 12.6

54 10.4 8.3 12.5

68 5.5 4.9 7.3

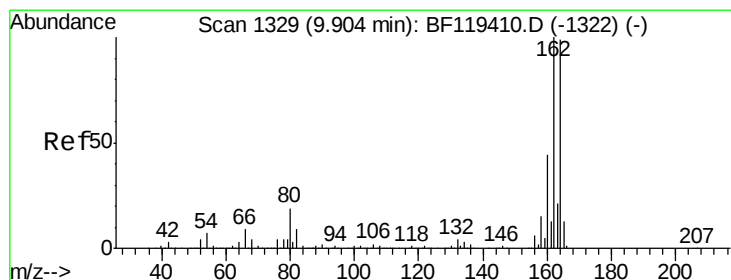
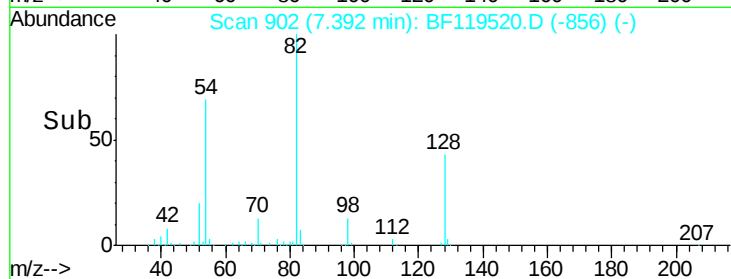
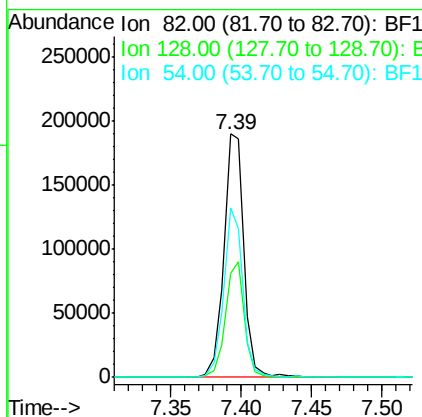
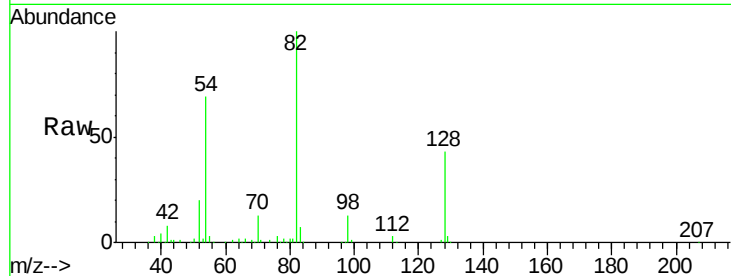




#23
 Nitrobenzene-d5
 Concen: 7.544 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.03 min
 Lab File: BF119520.D
 Acq: 26 Mar 2020 1:04

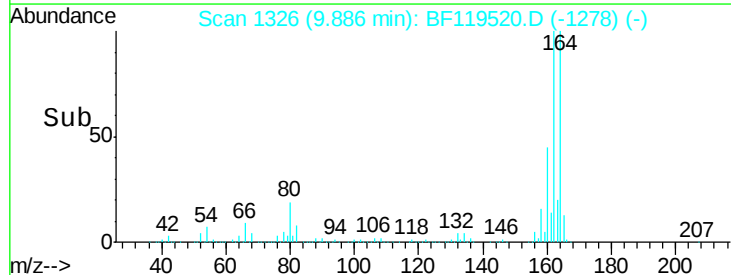
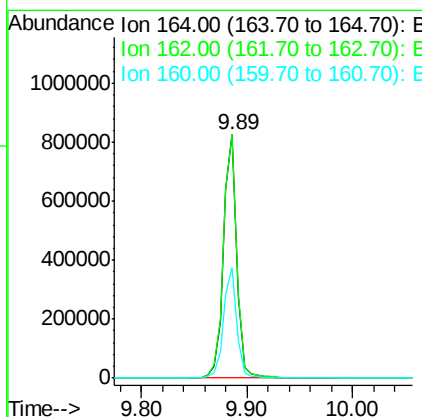
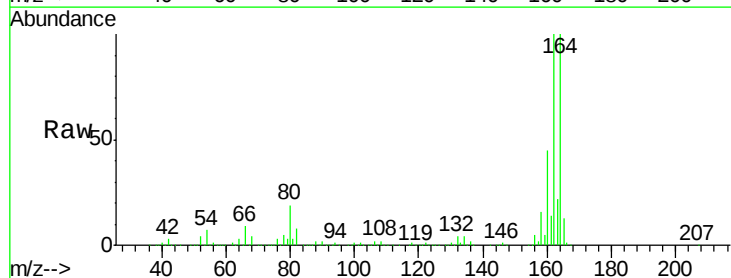
Instrument :
 BNA_F
 ClientSampled :
 TP-4A

Tot Ion	82	Resp	186717
Ion Ratio	Lower	Upper	
82	100		
128	42.8	35.8	53.8
54	69.4	53.4	80.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.02 min
 Lab File: BF119520.D
 Acq: 26 Mar 2020 1:04

Tgt Ion	164	Resp	729907
Ion Ratio	Lower	Upper	
164	100		
162	100.1	80.7	121.1
160	45.5	35.5	53.3

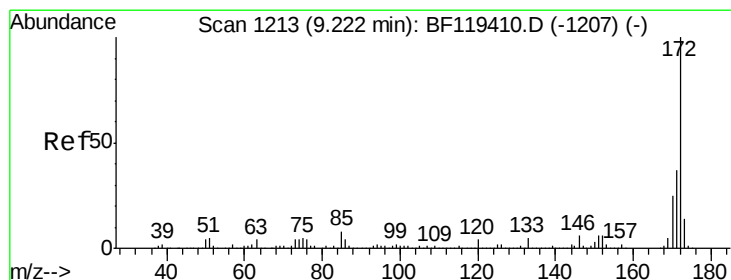
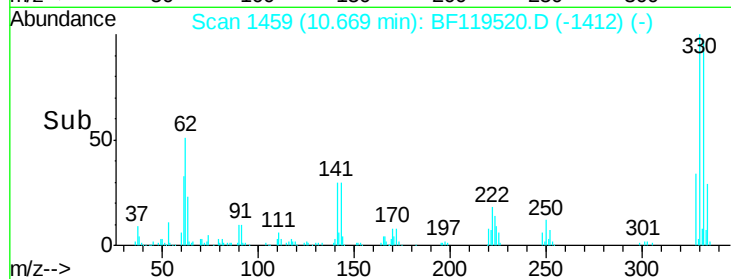
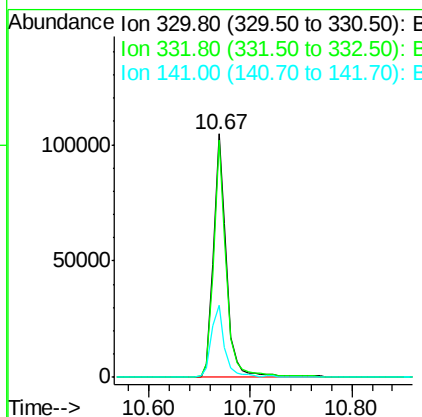
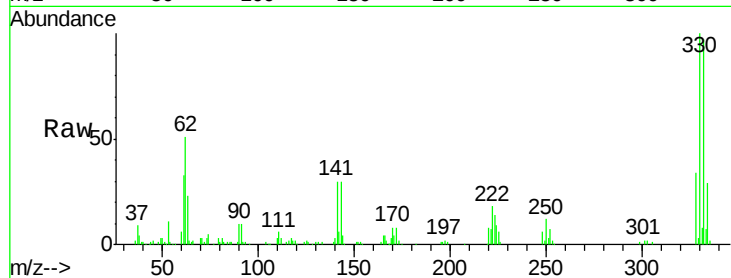




#42
 2,4,6-Tribromophenol
 Concen: 12.531 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF119520.D
 Acq: 26 Mar 2020 1:04

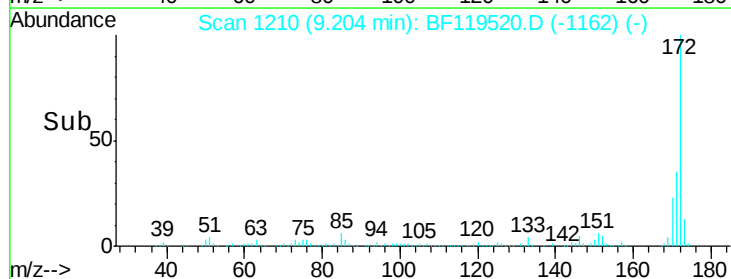
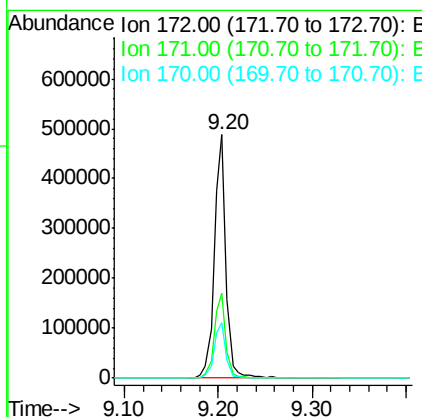
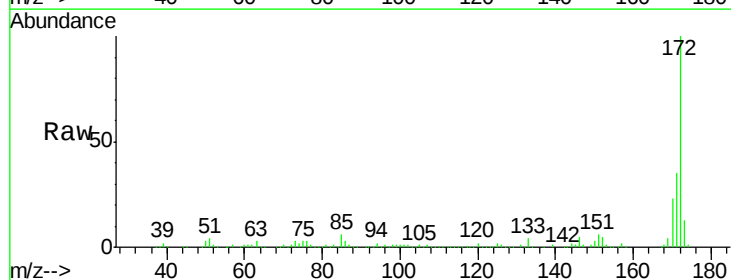
Instrument :
 BNA_F
 ClientSampled :
 TP-4A

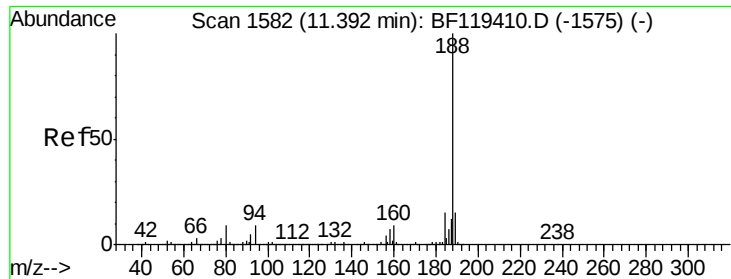
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.6	116.4
141	29.9	26.6	40.0



#45
 2-Fluorobiphenyl
 Concen: 8.747 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.02 min
 Lab File: BF119520.D
 Acq: 26 Mar 2020 1:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.9	44.9
170	22.8	20.1	30.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.02 min

Lab File: BF119520.D

Acq: 26 Mar 2020 1:04

Instrument :

BNA_F

ClientSampleId :

TP-4A

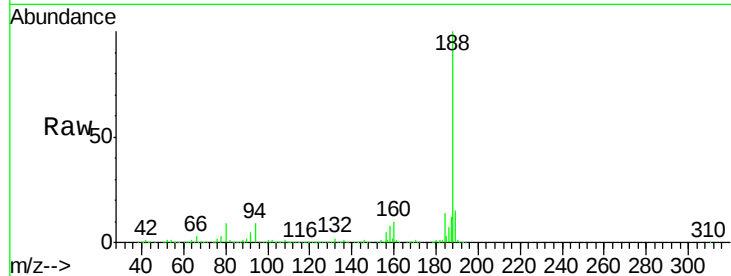
Tot Ion:188 Resp: 1385613

Ion Ratio Lower Upper

188 100

94 8.7 7.1 10.7

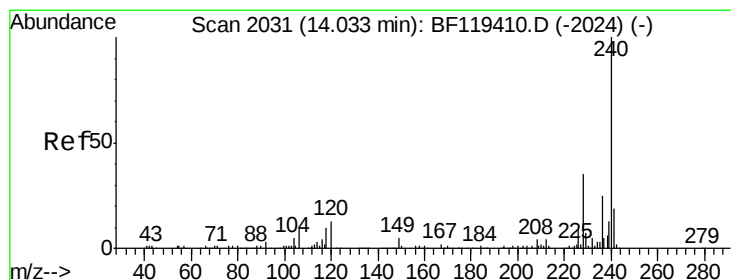
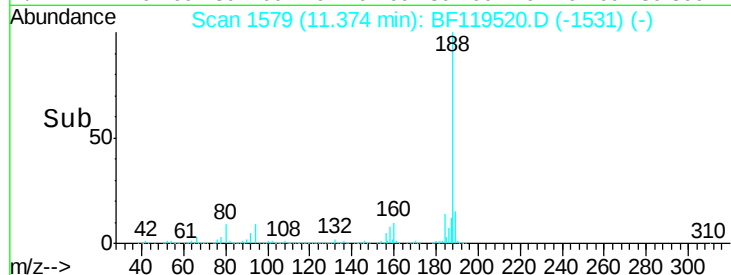
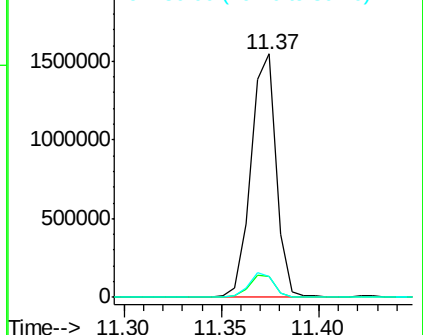
80 8.7 7.5 11.3



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: 14.02 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF119520.D

Acq: 26 Mar 2020 1:04

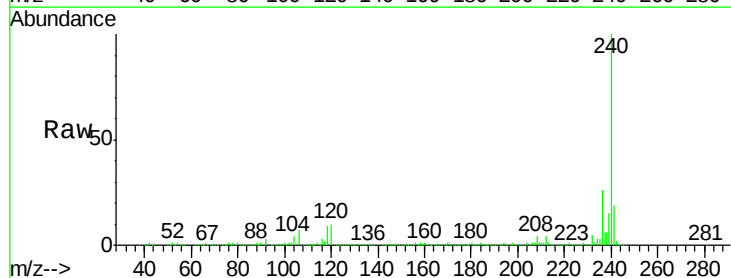
Tgt Ion:240 Resp: 1018114

Ion Ratio Lower Upper

240 100

120 10.1 10.2 15.4#

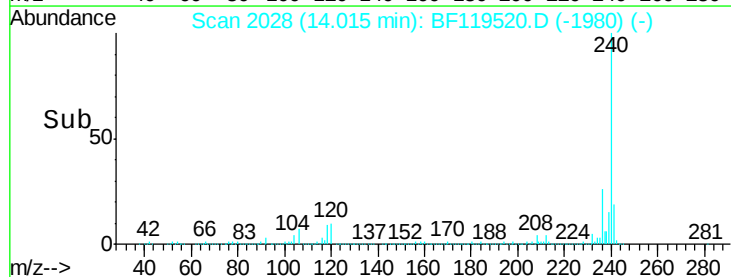
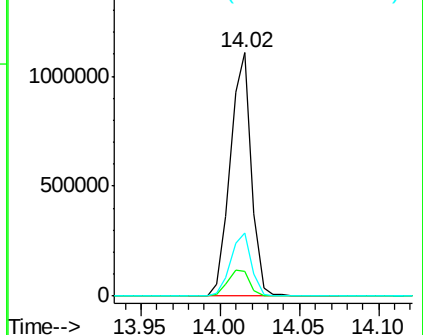
236 26.0 20.4 30.6

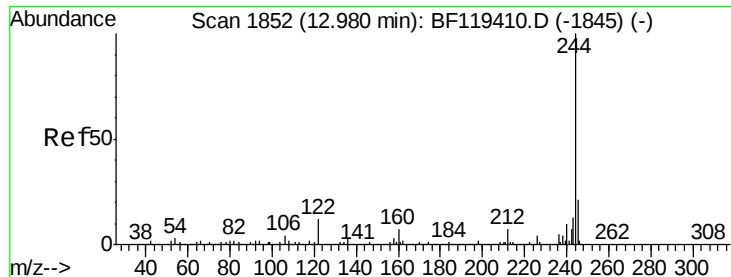


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 10.537 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.02 min

Lab File: BF119520.D

Acq: 26 Mar 2020 1:04

Instrument :

BNA_F

ClientSampleId :

TP-4A

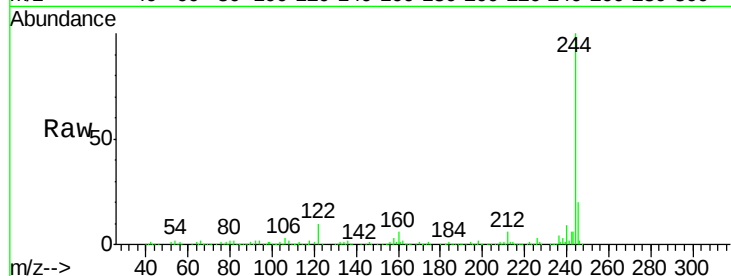
Tot Ion:244 Resp: 547577

Ion Ratio Lower Upper

244 100

212 6.1 5.7 8.5

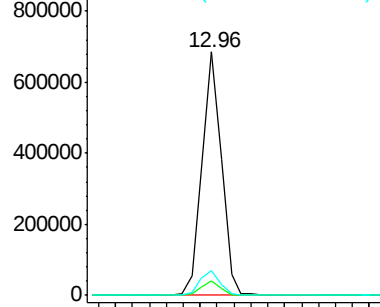
122 9.9 9.8 14.8



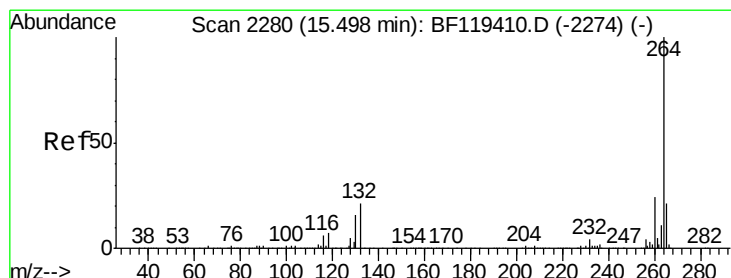
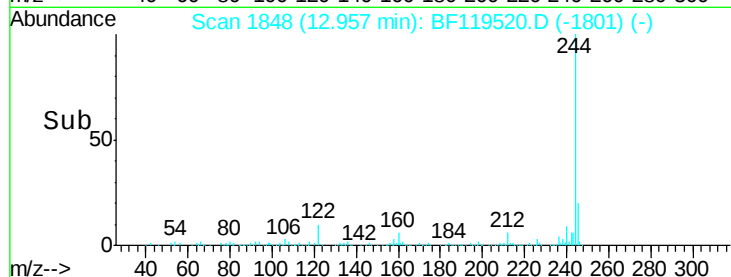
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.90 12.95 13.00



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BF119520.D

Acq: 26 Mar 2020 1:04

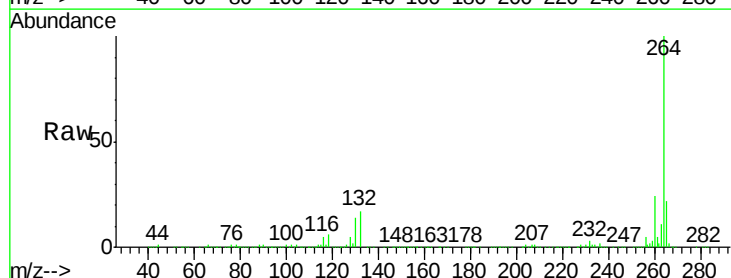
Tgt Ion:264 Resp: 800566

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

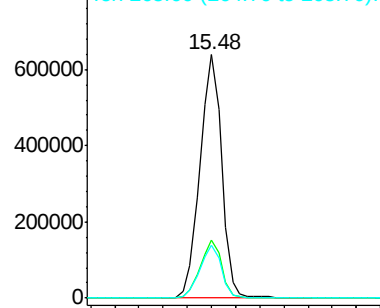
265 21.7 16.9 25.3



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



Time--> 15.40 15.50 15.60

