

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
 Data File : BF119596.D
 Acq On : 28 Mar 2020 5:07
 Operator : CG/JU
 Sample : L2043-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A

Quant Time: Mar 28 08:30:02 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	272501	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1002584	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	534917	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1015076	20.00	ng	0.00
76) Chrysene-d12	14.00	240	688585	20.00	ng	-0.01
87) Perylene-d12	15.46	264	592981	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2340886	136.75	ng	0.02
7) Phenol-d6	6.46	99	2438493	111.52	ng	0.00
23) Nitrobenzene-d5	7.39	82	1989176	107.83	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	895685	162.30	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3491171	96.69	ng	0.00
79) Terphenyl-d14	12.96	244	4165486	118.52	ng	0.00

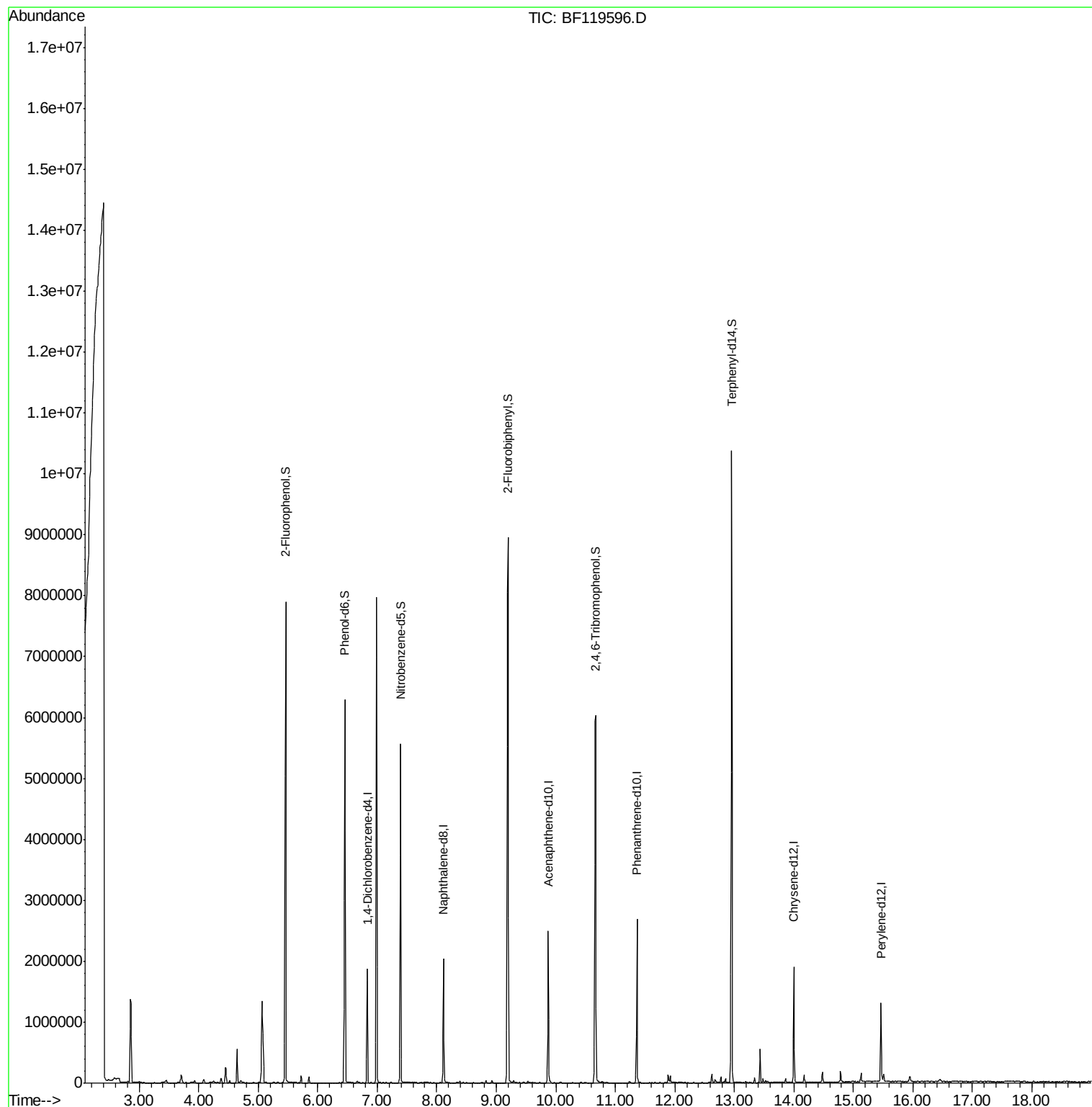
Target Compounds Qvalue

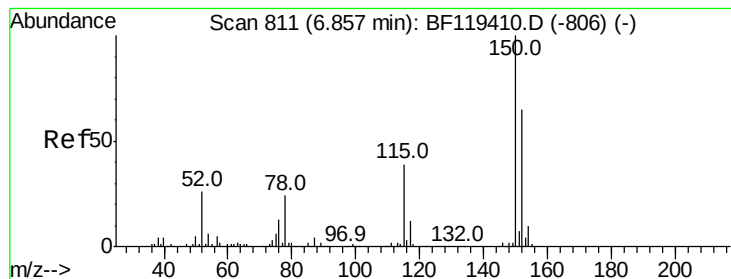
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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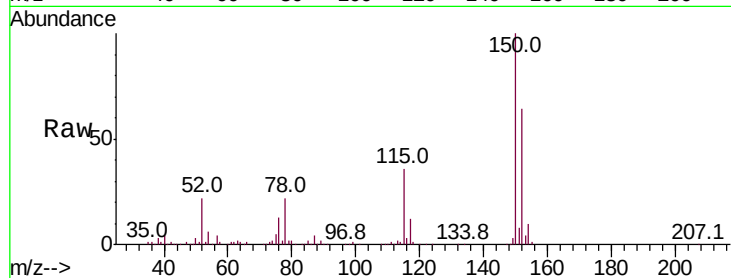


#1

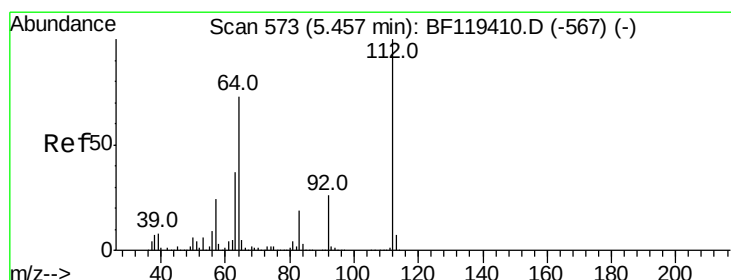
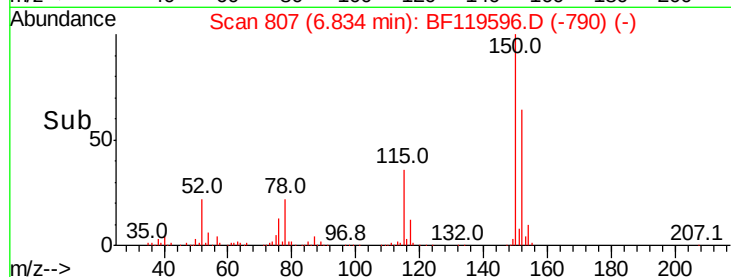
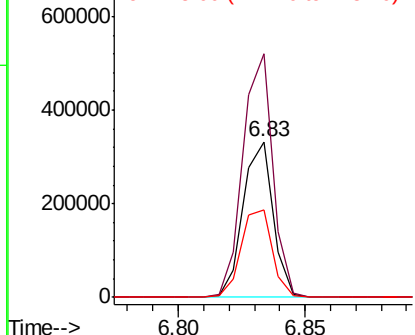
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119596.D
Acq: 28 Mar 2020 5:07

Instrument :
BNA_F
ClientSampleId :
TP-1A

Tot Ion:152 Resp: 272501
Ion Ratio Lower Upper
152 100
150 156.6 124.5 186.7
115 56.5 49.6 74.4



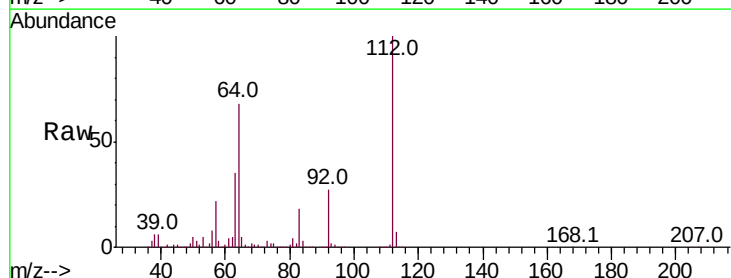
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



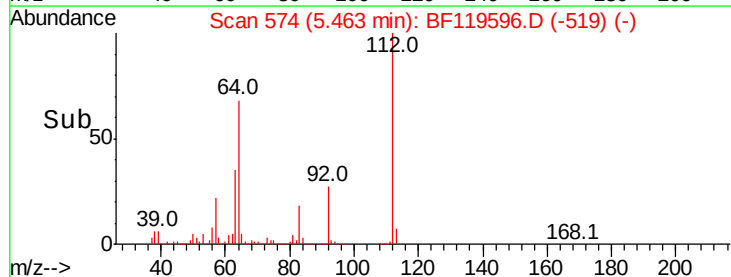
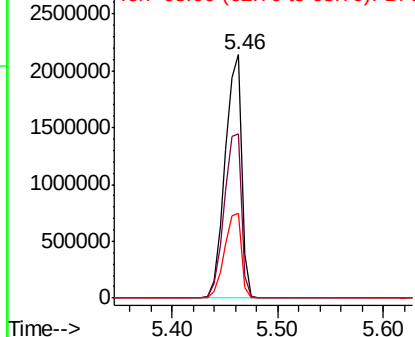
#5

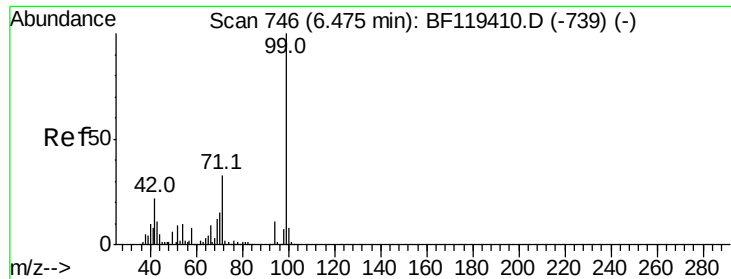
2-Fluorophenol
Concen: 136.751 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF119596.D
Acq: 28 Mar 2020 5:07

Tgt Ion:112 Resp: 2340886
Ion Ratio Lower Upper
112 100
64 67.6 56.7 85.1
63 35.1 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: 111.515 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119596.D

Acq: 28 Mar 2020 5:07

Instrument :

BNA_F

ClientSampleId :

TP-1A

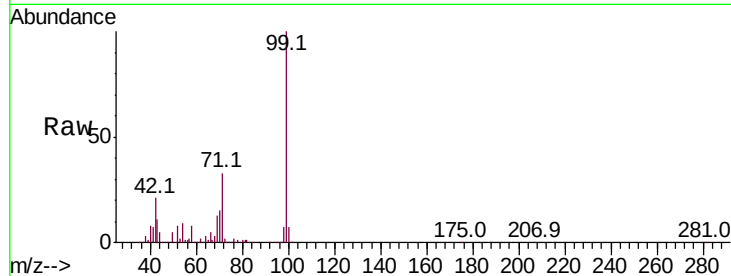
Tot Ion: 99 Resp: 2438493

Ion Ratio Lower Upper

99 100

42 20.6 16.6 24.8

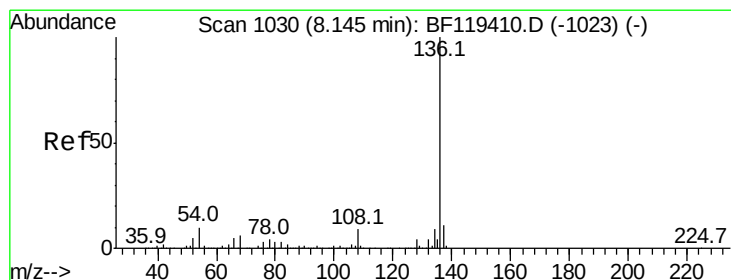
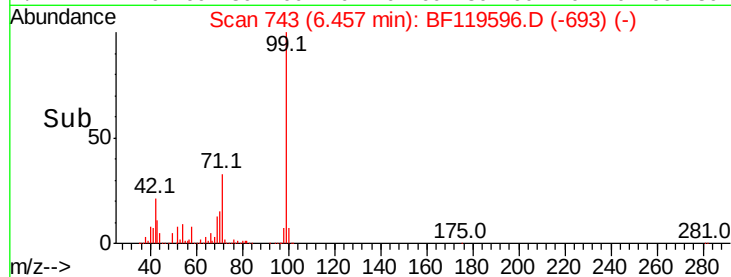
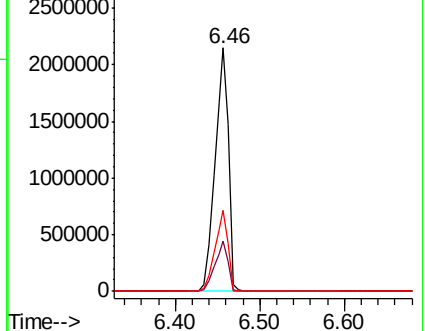
71 33.1 26.4 39.6



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: BF119596.D

Acq: 28 Mar 2020 5:07

Tgt Ion:136 Resp: 1002584

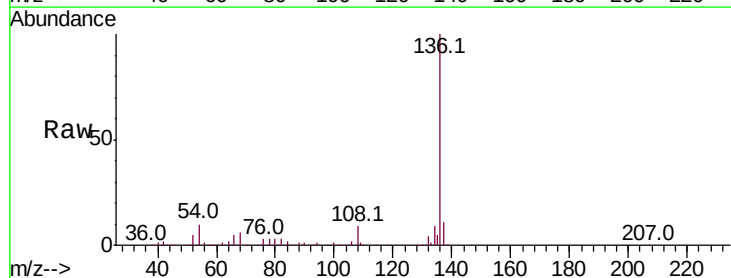
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 9.8 9.1 13.7

68 5.7 4.6 6.8

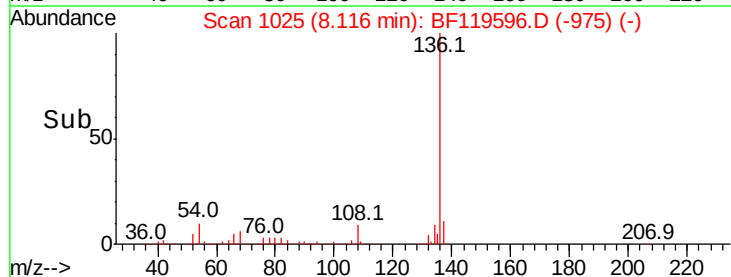
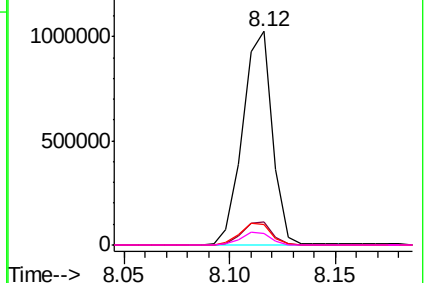


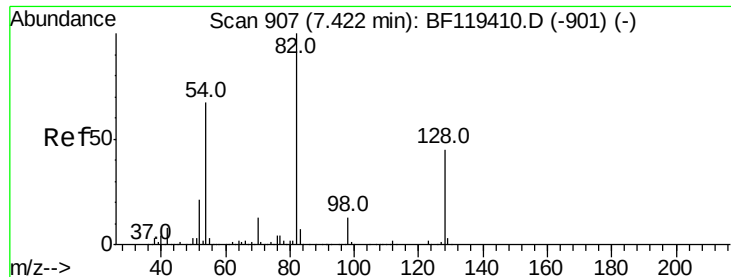
Abundance Ion 136.00 (135.70 to 136.70): E

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

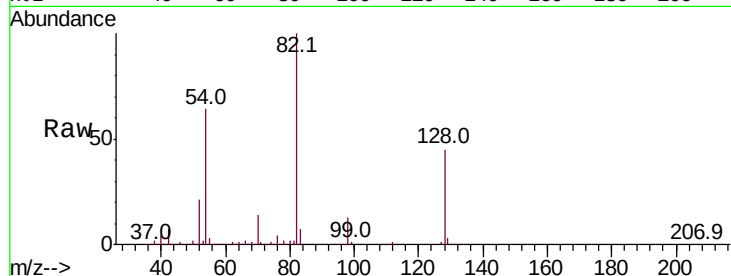




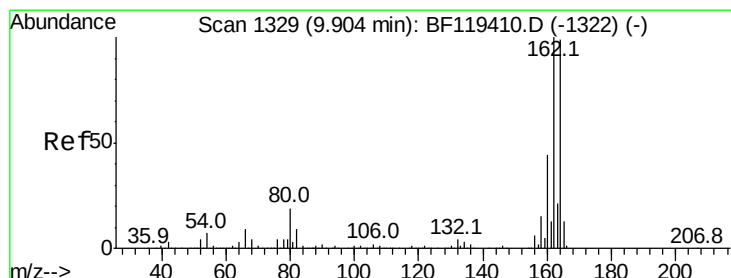
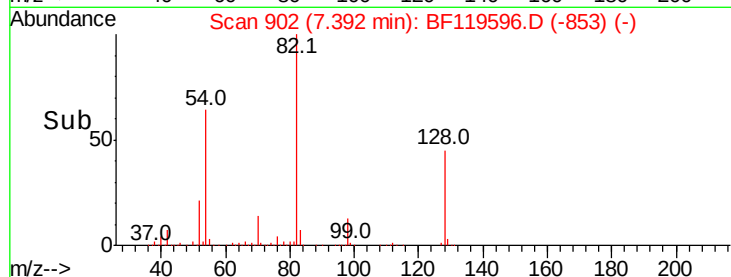
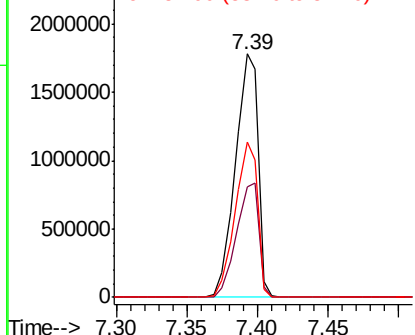
#23
 Nitrobenzene-d5
 Concen: 107.829 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF119596.D
 Acq: 28 Mar 2020 5:07

Instrument :
 BNA_F
 ClientSampled :
 TP-1A

Tot Ion: 82 Resp: 1989176
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.3 54.5
 54 63.7 50.6 75.8

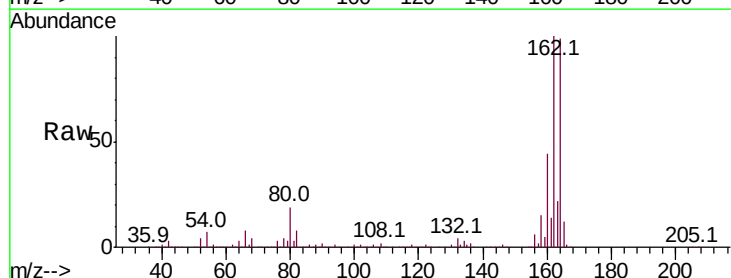


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

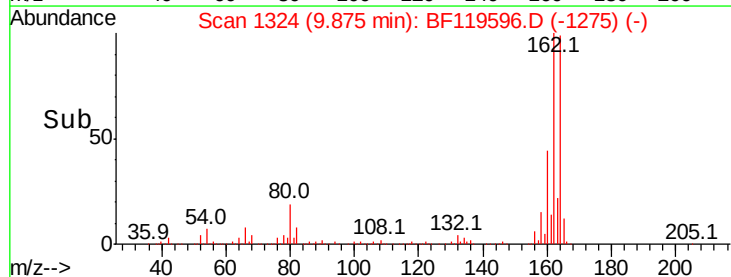
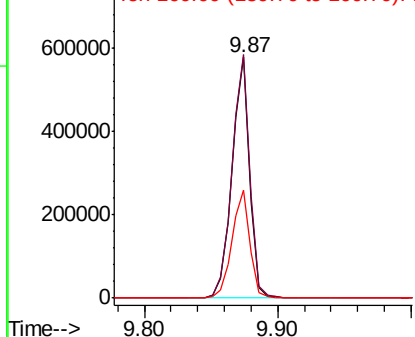


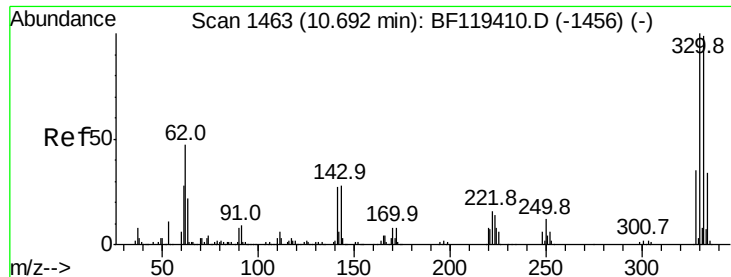
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF119596.D
 Acq: 28 Mar 2020 5:07

Tgt Ion:164 Resp: 534917
 Ion Ratio Lower Upper
 164 100
 162 101.2 80.6 121.0
 160 44.7 35.7 53.5



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: 162.304 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF119596.D

Acq: 28 Mar 2020 5:07

Instrument :

BNA_F

ClientSampleID :

TP-1A

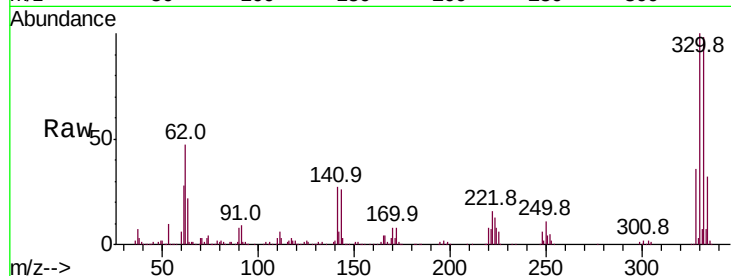
Tot Ion:330 Resp: 895685

Ion Ratio Lower Upper

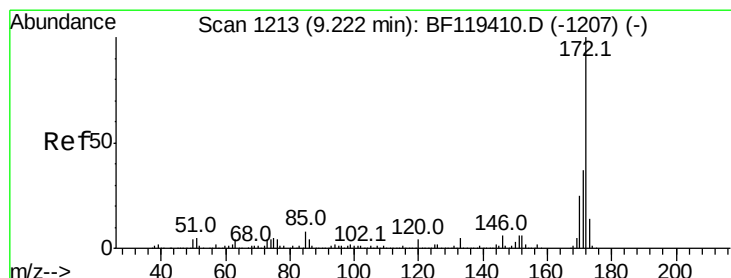
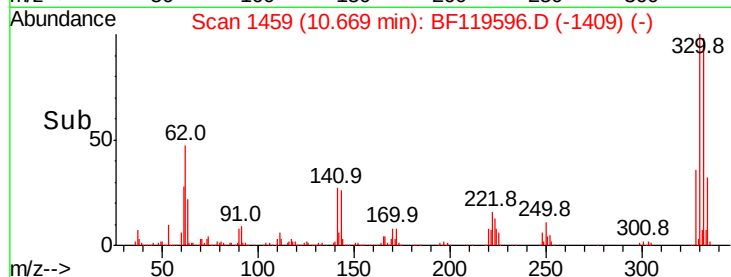
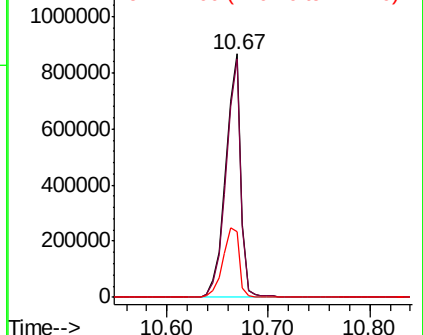
330 100

332 96.2 75.7 113.5

141 31.5 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: 96.689 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF119596.D

Acq: 28 Mar 2020 5:07

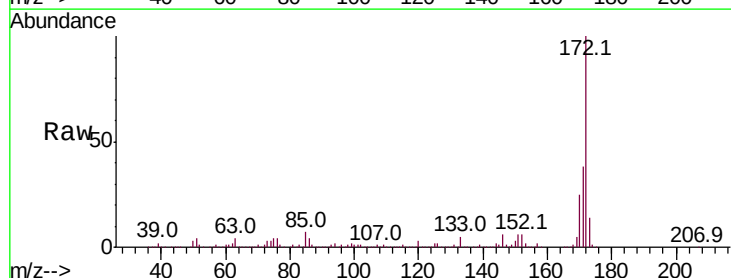
Tgt Ion:172 Resp: 3491171

Ion Ratio Lower Upper

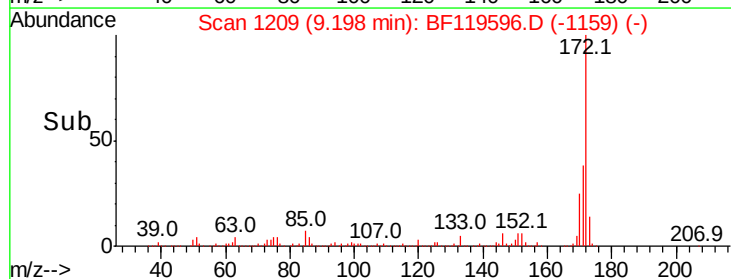
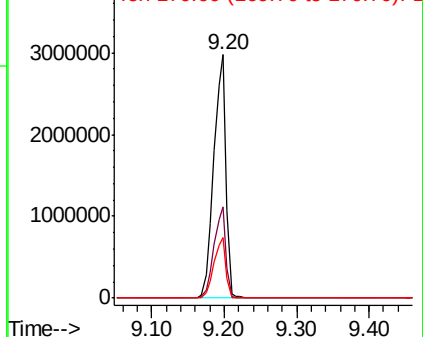
172 100

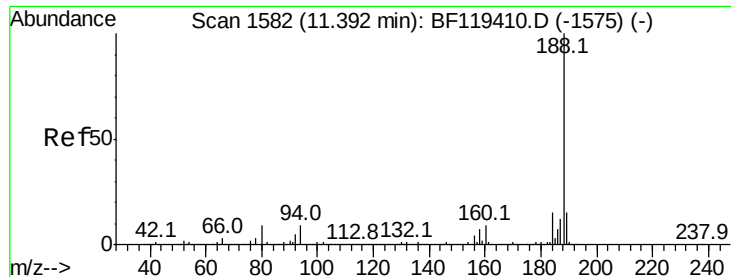
171 37.6 29.6 44.4

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



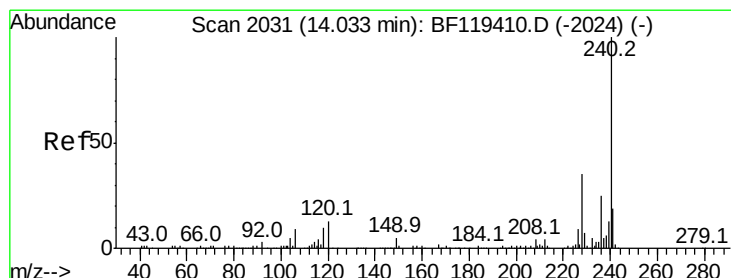
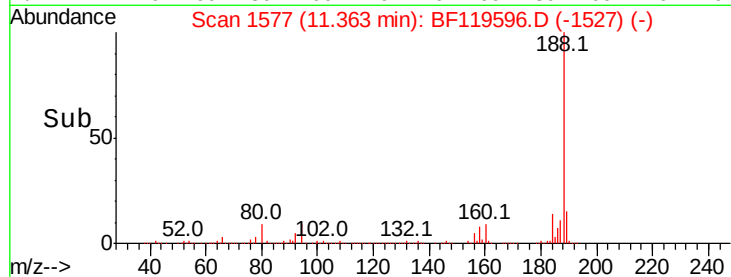
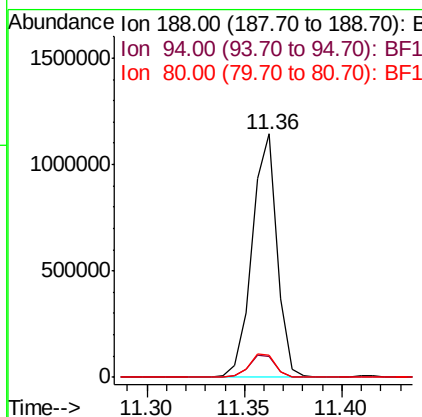
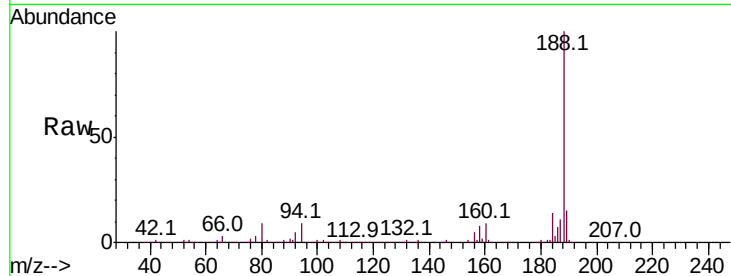


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF119596.D
 Acq: 28 Mar 2020 5:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A

Tot Ion:188 Resp: 1015076

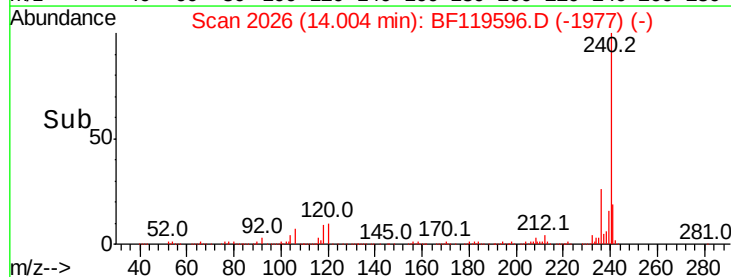
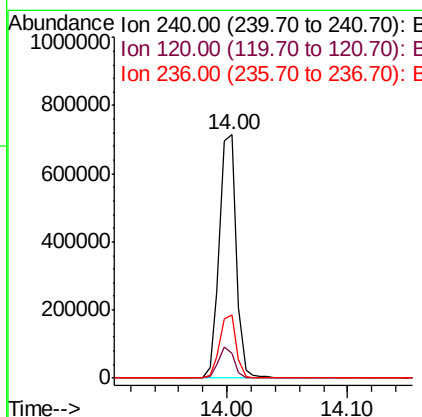
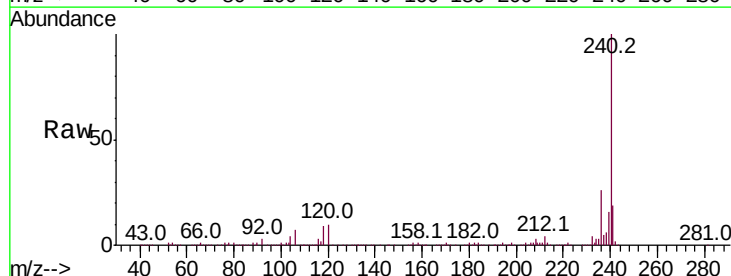
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.5	11.3
80	9.0	9.0	13.4

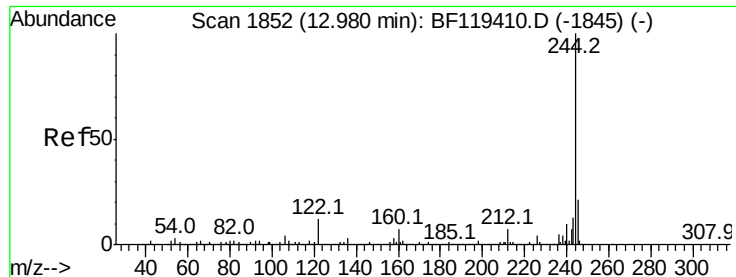


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF119596.D
 Acq: 28 Mar 2020 5:07

Tgt Ion:240 Resp: 688585

Ion	Ratio	Lower	Upper
240	100		
120	10.3	10.6	15.8#
236	25.7	20.2	30.2





#79

Terphenyl-d14

Concen: 118.519 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119596.D

Acq: 28 Mar 2020 5:07

Instrument :

BNA_F

ClientSampled :

TP-1A

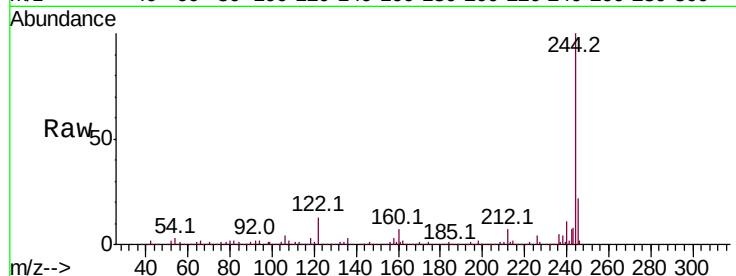
Tot Ion:244 Resp: 4165486

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

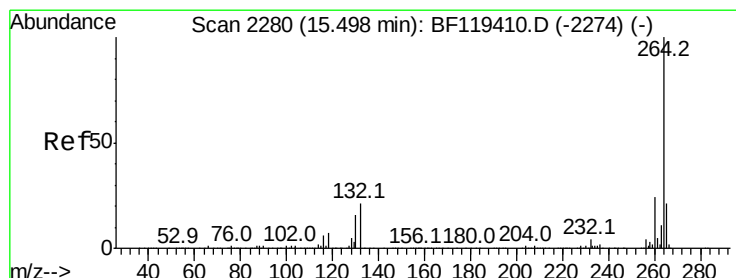
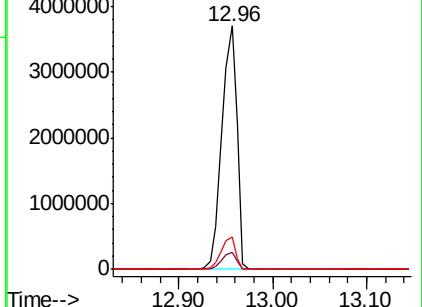
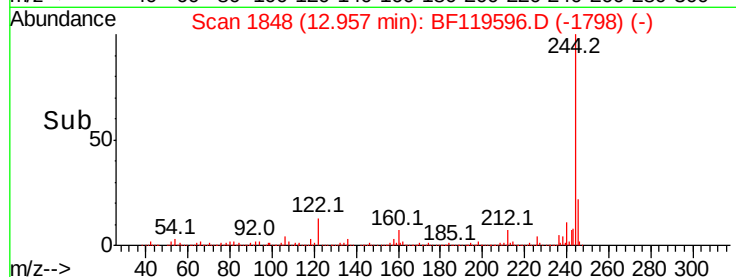
122 13.3 10.3 15.5



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: 15.46 min Scan# 2274

Delta R.T. -0.02 min

Lab File: BF119596.D

Acq: 28 Mar 2020 5:07

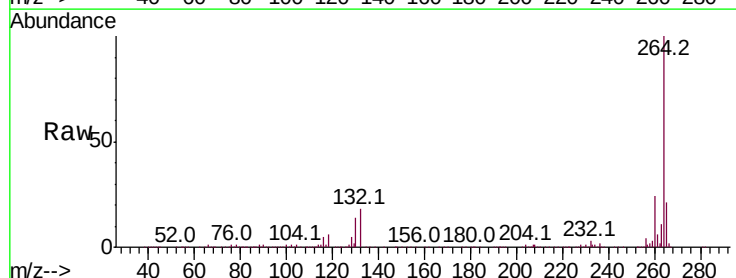
Tgt Ion:264 Resp: 592981

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 21.4 17.7 26.5



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

