

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
 Data File : BF119597.D
 Acq On : 28 Mar 2020 5:33
 Operator : CG/JU
 Sample : L2043-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2A

Quant Time: Mar 28 08:34:25 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	286733	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1063591	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	531291	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1029248	20.00	ng	0.00
76) Chrysene-d12	14.00	240	659531	20.00	ng	-0.01
87) Perylene-d12	15.46	264	628048	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2132278	118.38	ng	0.02
7) Phenol-d6	6.46	99	2304243	100.15	ng	0.00
23) Nitrobenzene-d5	7.40	82	1942862	99.28	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	807973	147.41	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3248736	90.59	ng	0.00
79) Terphenyl-d14	12.96	244	3452085	102.55	ng	0.00

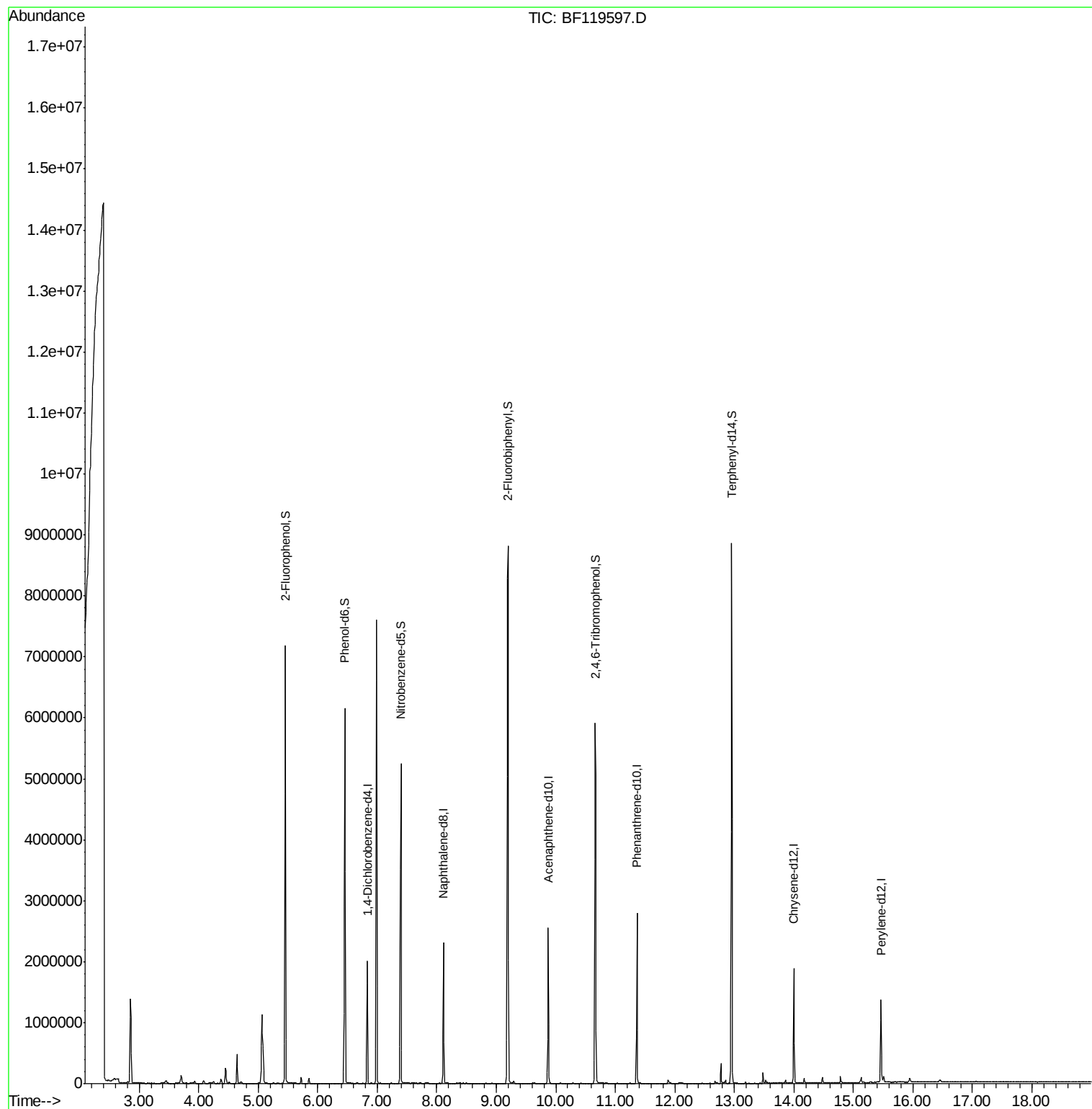
Target Compounds Qvalue

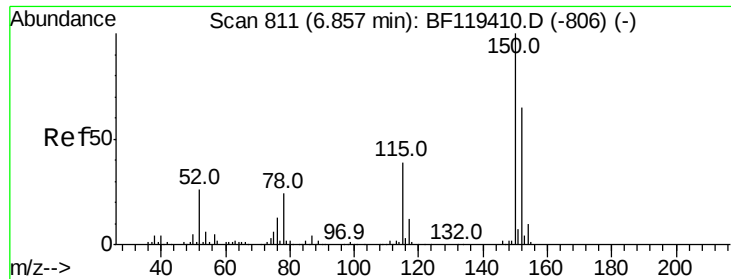
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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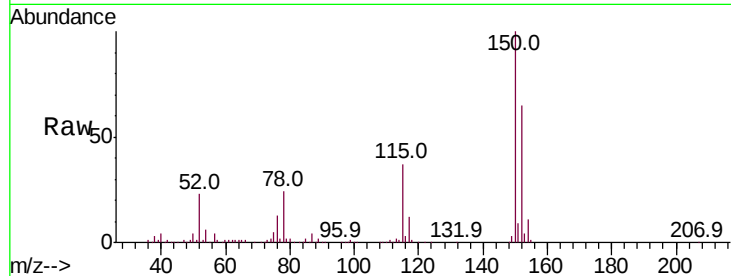


#1

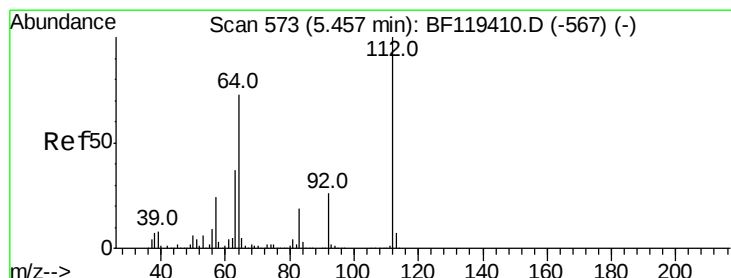
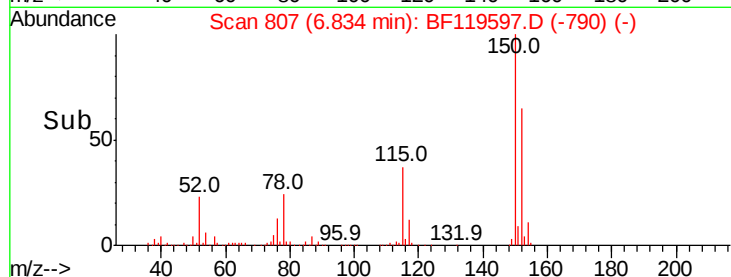
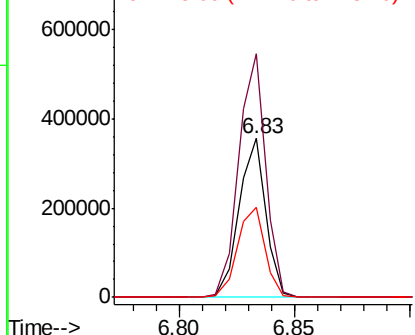
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119597.D
Acq: 28 Mar 2020 5:33

Instrument :
BNA_F
ClientSampleId :
TP-2A

Tot Ion:152 Resp: 286733
Ion Ratio Lower Upper
152 100
150 153.6 124.5 186.7
115 56.6 49.6 74.4



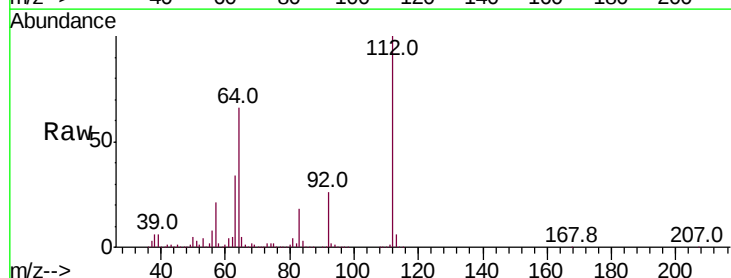
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



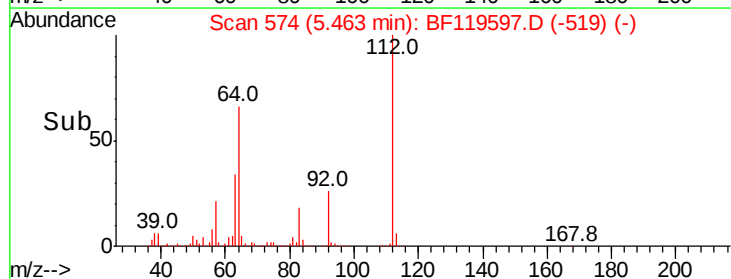
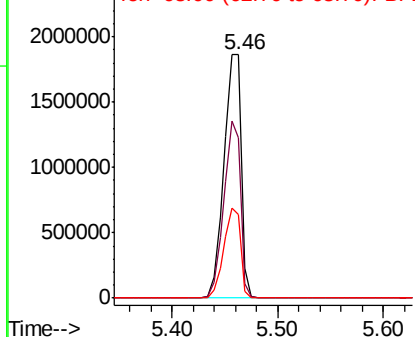
#5

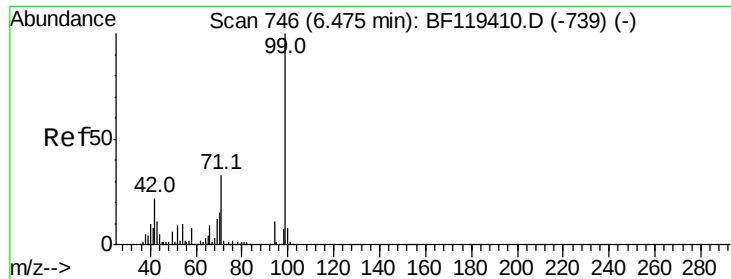
2-Fluorophenol
Concen: 118.381 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF119597.D
Acq: 28 Mar 2020 5:33

Tgt Ion:112 Resp: 2132278
Ion Ratio Lower Upper
112 100
64 66.0 56.7 85.1
63 34.3 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: 100.145 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119597.D

Acq: 28 Mar 2020 5:33

Instrument :

BNA_F

ClientSampleId :

TP-2A

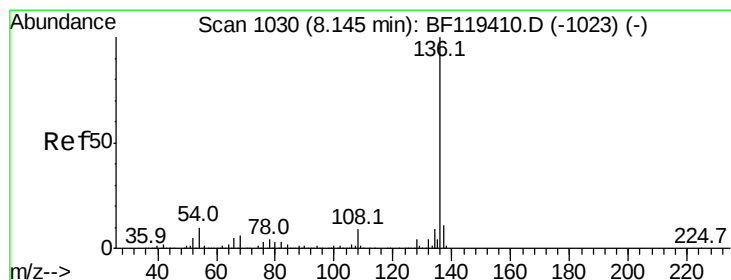
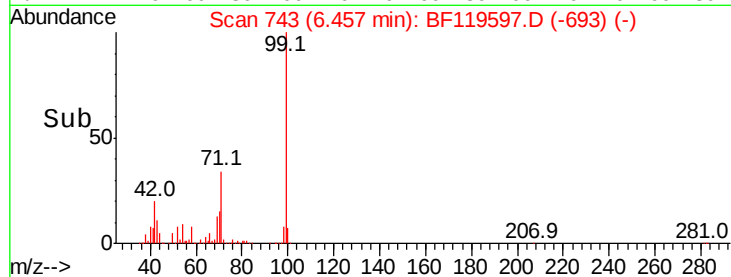
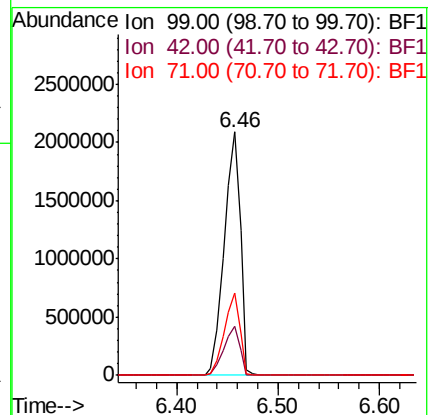
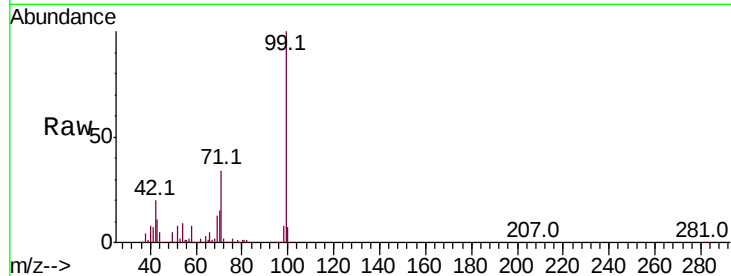
Tot Ion: 99 Resp: 2304243

Ion Ratio Lower Upper

99 100

42 20.3 16.6 24.8

71 33.6 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119597.D

Acq: 28 Mar 2020 5:33

Tgt Ion: 136 Resp: 1063591

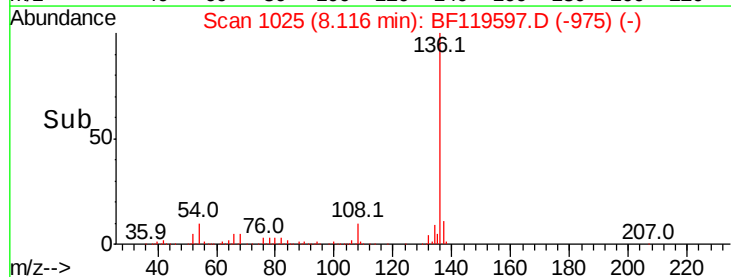
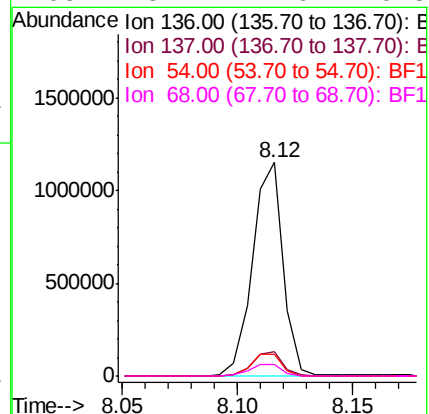
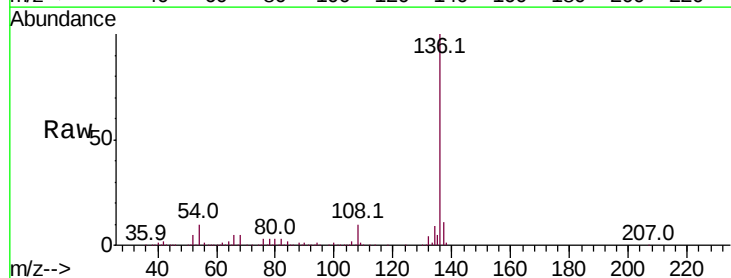
Ion Ratio Lower Upper

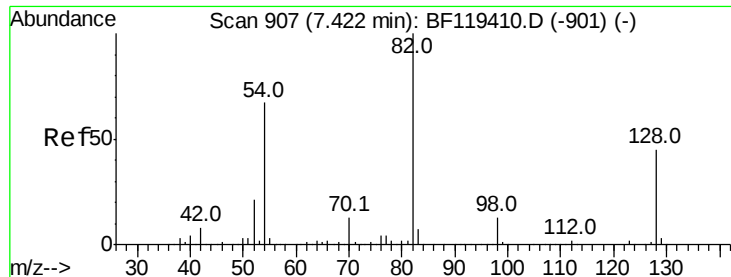
136 100

137 11.3 8.7 13.1

54 10.0 9.1 13.7

68 5.4 4.6 6.8

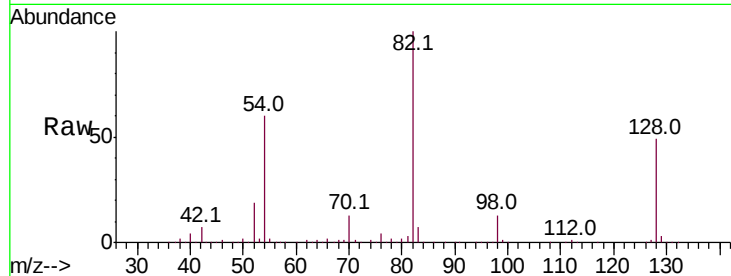




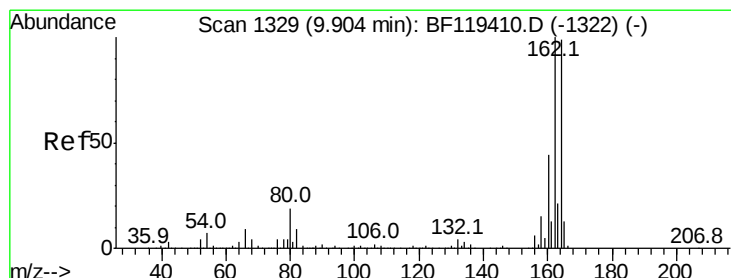
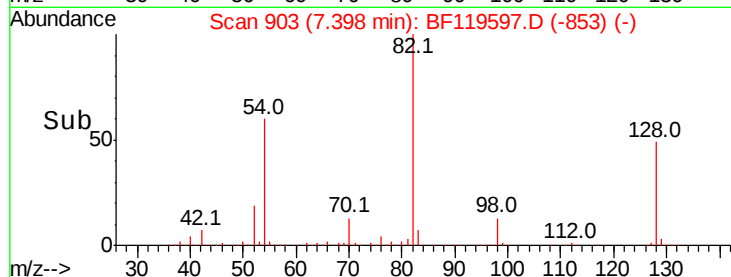
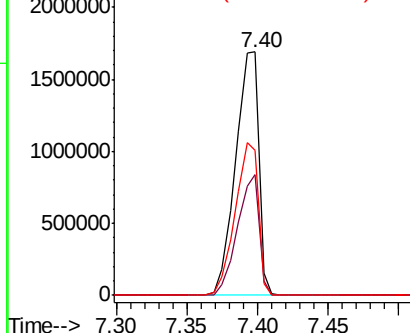
#23
Nitrobenzene-d5
Concen: 99.277 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF119597.D
Acq: 28 Mar 2020 5:33

Instrument :
BNA_F
ClientSampleId :
TP-2A

Tot Ion: 82 Resp: 1942862
Ion Ratio Lower Upper
82 100
128 49.4 36.3 54.5
54 59.8 50.6 75.8

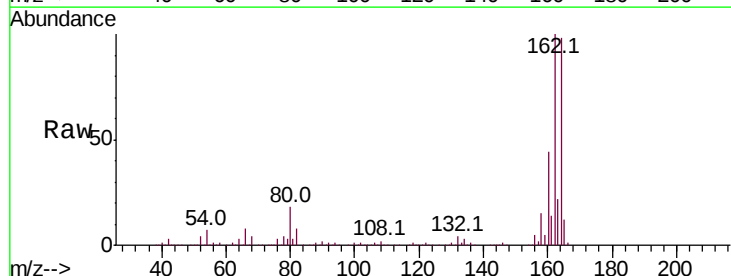


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

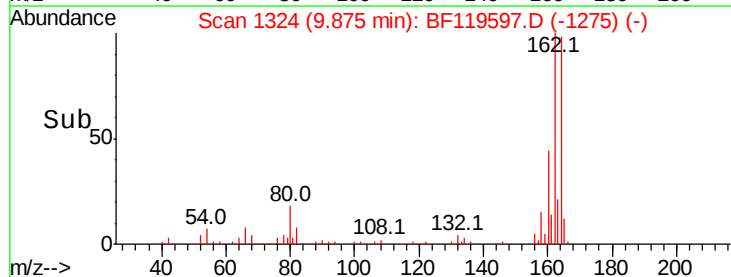
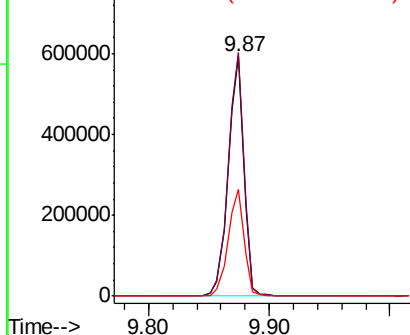


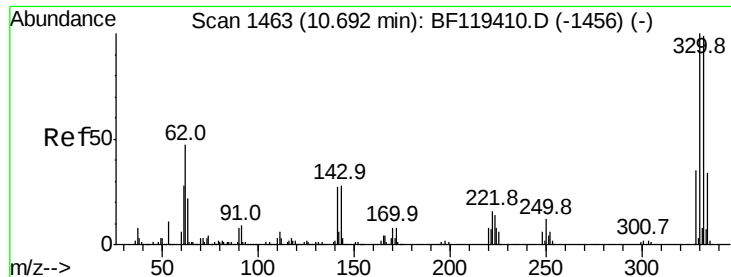
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF119597.D
Acq: 28 Mar 2020 5:33

Tgt Ion:164 Resp: 531291
Ion Ratio Lower Upper
164 100
162 101.6 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

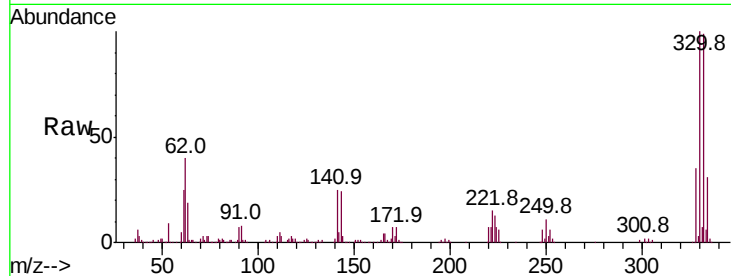




#42
 2,4,6-Tribromophenol
 Concen: 147.410 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119597.D
 Acq: 28 Mar 2020 5:33

Instrument :
 BNA_F
 ClientSampleId :
 TP-2A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.7	113.5
141	31.6	25.4	38.0

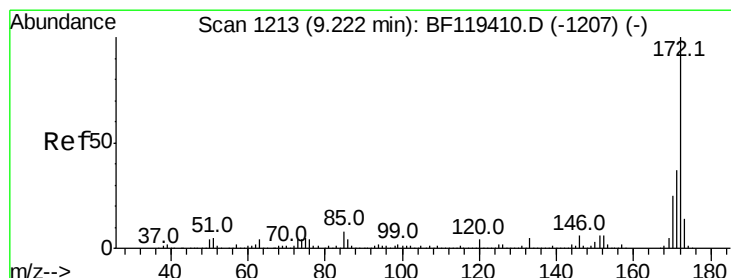
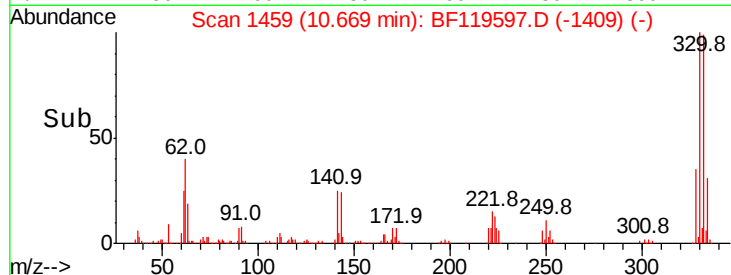
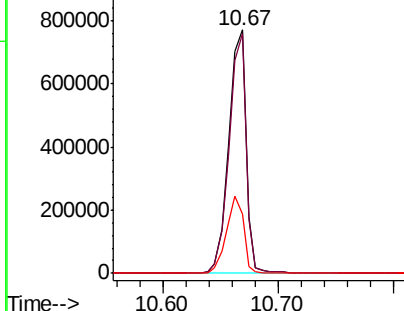


Abundance

Ion 329.80 (329.50 to 330.50): E

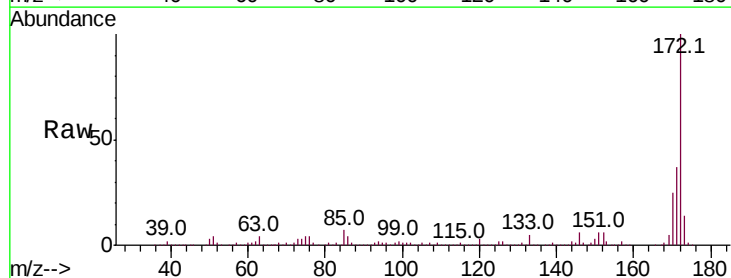
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.589 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119597.D
 Acq: 28 Mar 2020 5:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.6	44.4
170	25.2	20.2	30.2

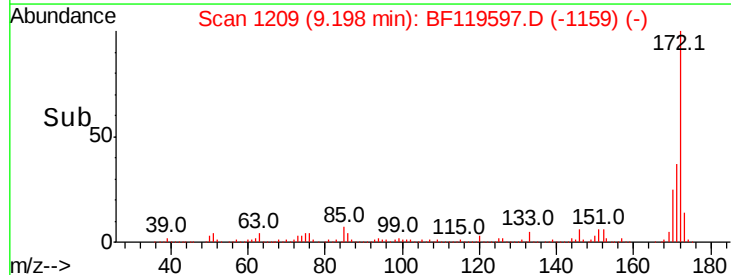
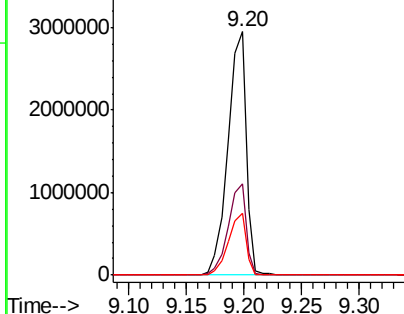


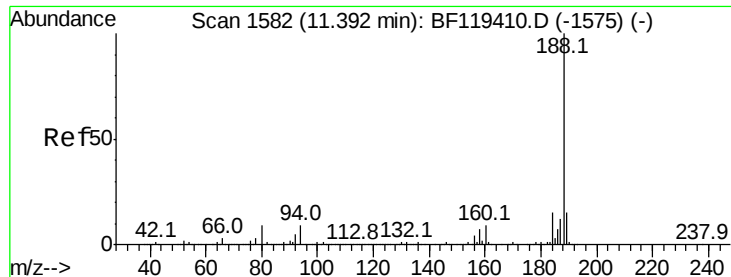
Abundance

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

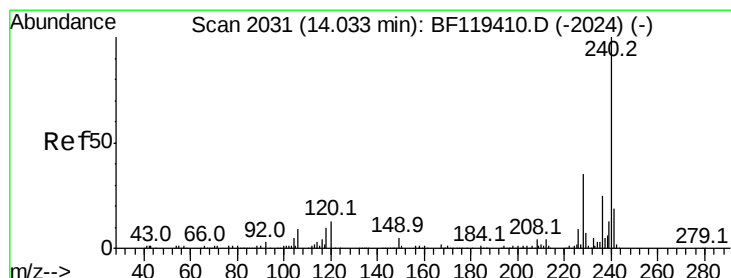
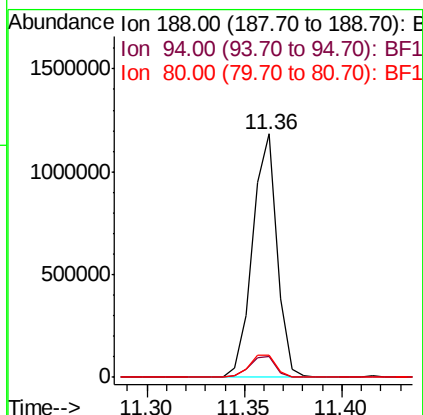
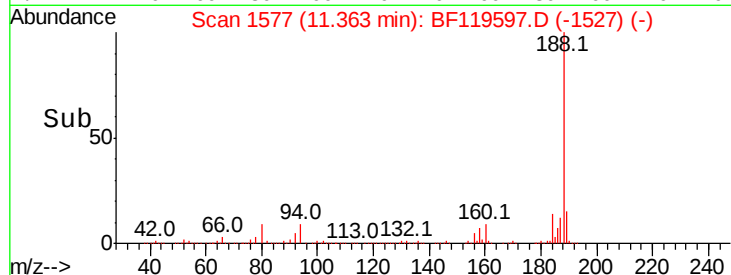
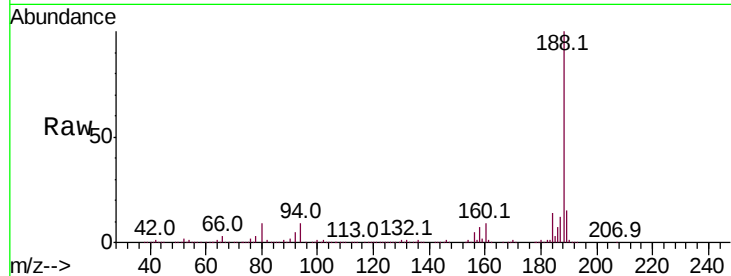




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119597.D
Acq: 28 Mar 2020 5:33

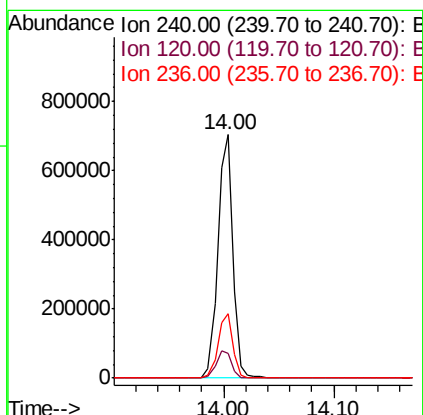
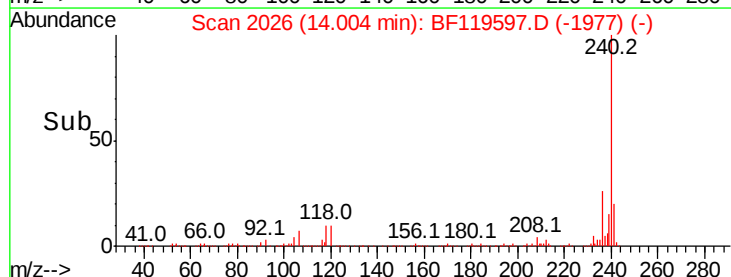
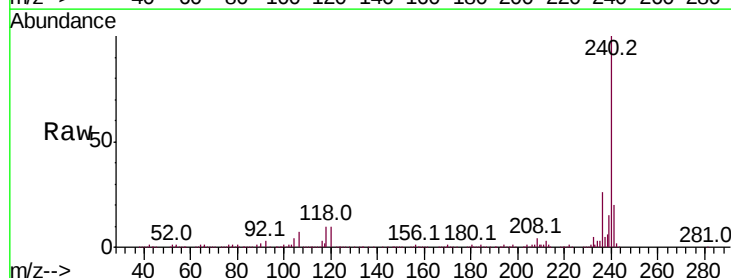
Instrument :
BNA_F
ClientSampleId :
TP-2A

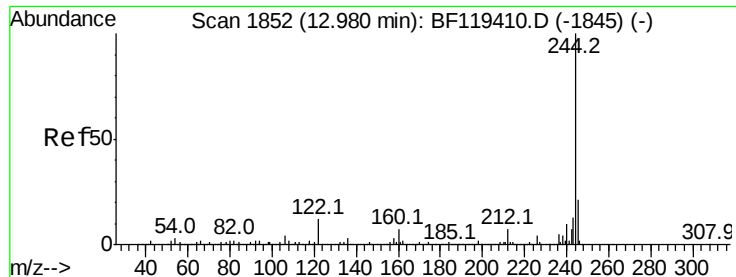
Tot Ion:188 Resp: 1029248
Ion Ratio Lower Upper
188 100
94 8.7 7.5 11.3
80 9.3 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF119597.D
Acq: 28 Mar 2020 5:33

Tgt Ion:240 Resp: 659531
Ion Ratio Lower Upper
240 100
120 10.2 10.6 15.8#
236 26.2 20.2 30.2





#79

Terphenyl-d14

Concen: 102.548 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119597.D

Acq: 28 Mar 2020 5:33

Instrument :

BNA_F

ClientSampleId :

TP-2A

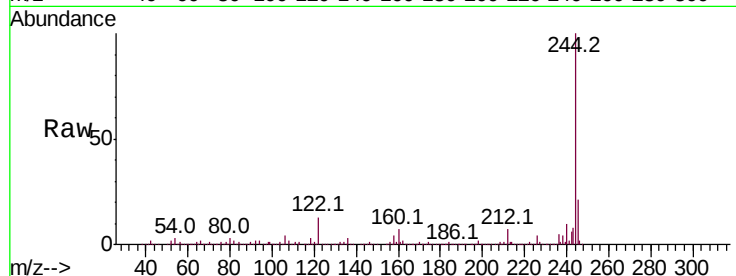
Tot Ion:244 Resp: 3452085

Ion Ratio Lower Upper

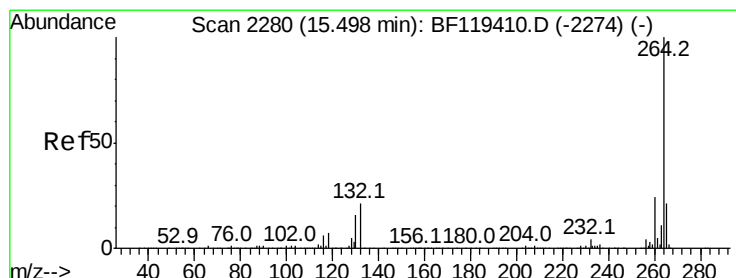
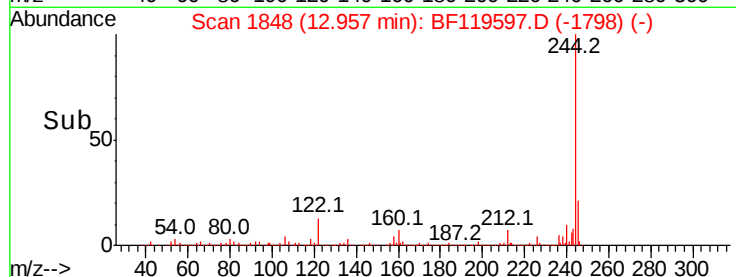
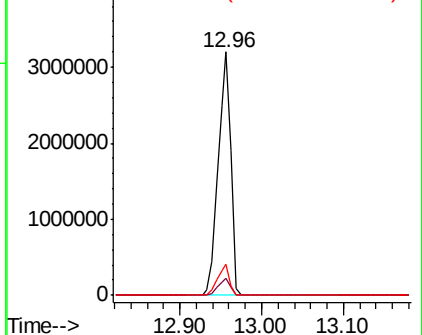
244 100

212 7.2 5.8 8.8

122 13.0 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: BF119597.D

Acq: 28 Mar 2020 5:33

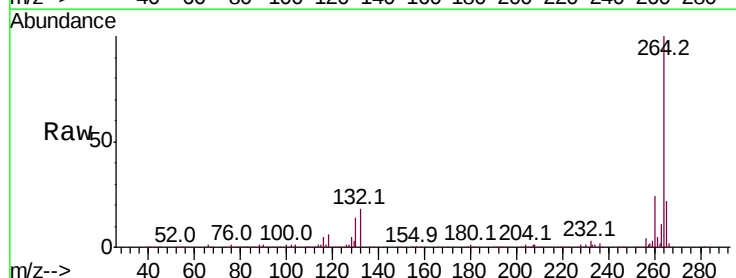
Tgt Ion:264 Resp: 628048

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 22.1 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

