

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
 Data File : BF119600.D
 Acq On : 28 Mar 2020 6:54
 Operator : CG/JU
 Sample : L2051-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Quant Time: Mar 28 08:50:59 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	271768	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1064670	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	605056	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	991049	20.00	ng	0.00
76) Chrysene-d12	14.00	240	685842	20.00	ng	-0.01
87) Perylene-d12	15.46	264	561548	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1427866	83.64	ng	0.00
7) Phenol-d6	6.45	99	1842786	84.50	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1136391	58.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	500740	80.22	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2233278	54.68	ng	0.00
79) Terphenyl-d14	12.95	244	2338658	66.81	ng	-0.01

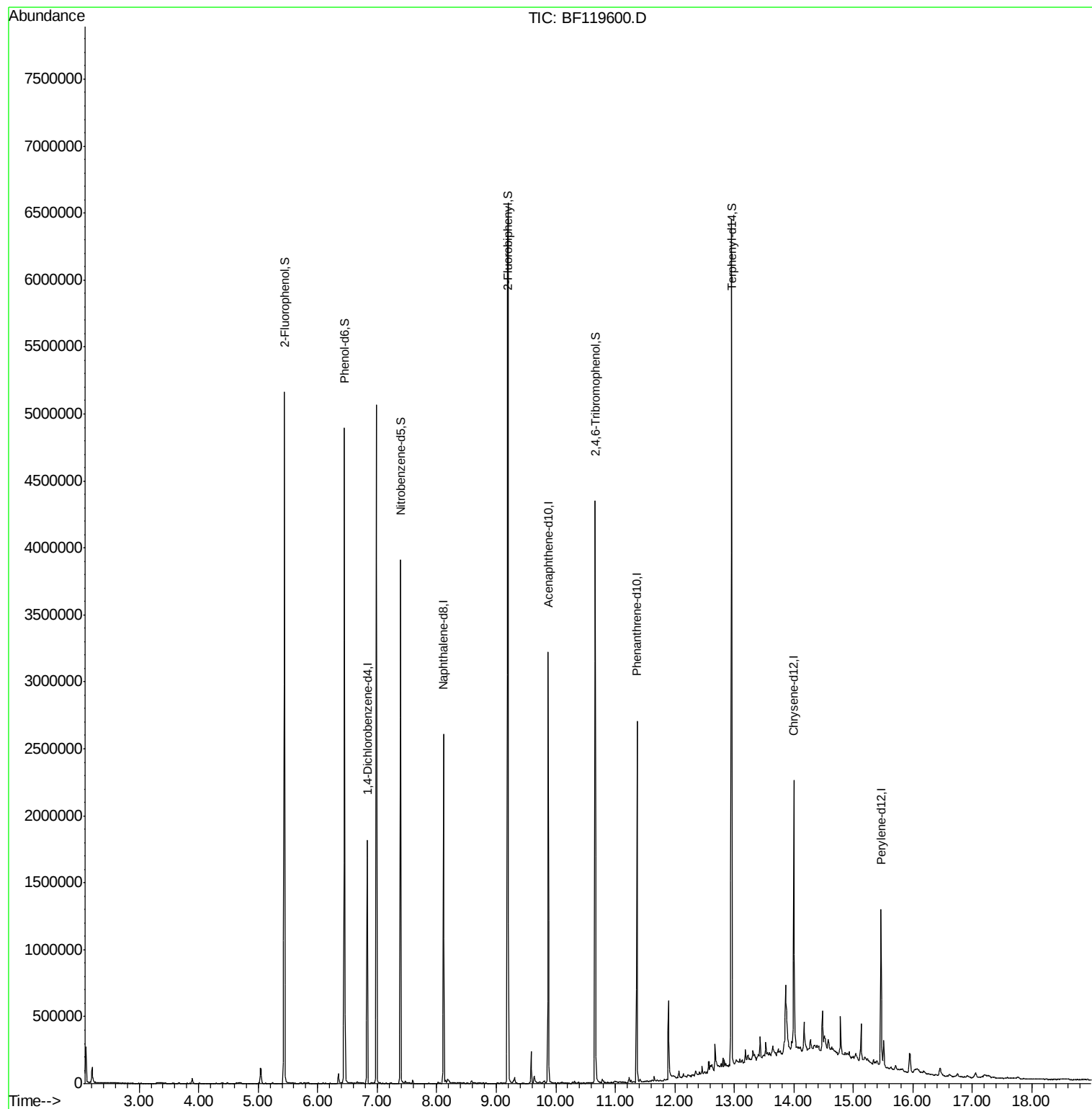
Target Compounds Qvalue

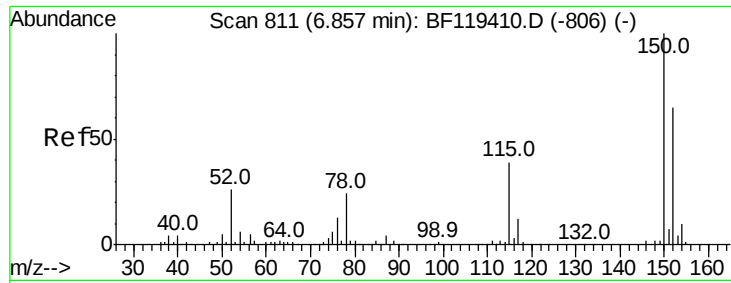
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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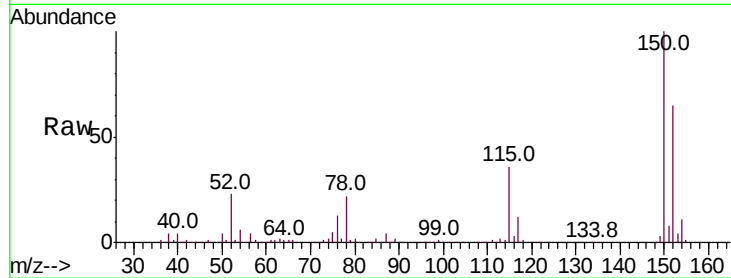


#1

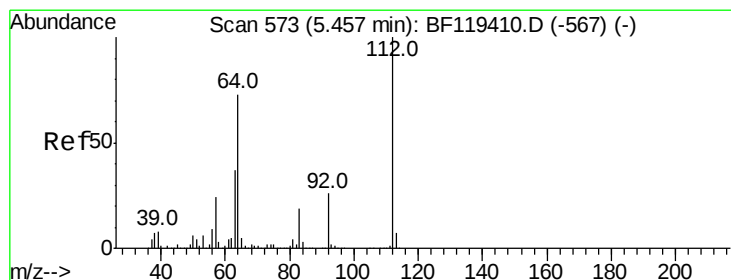
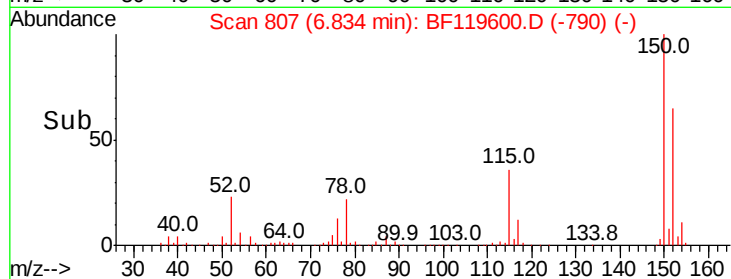
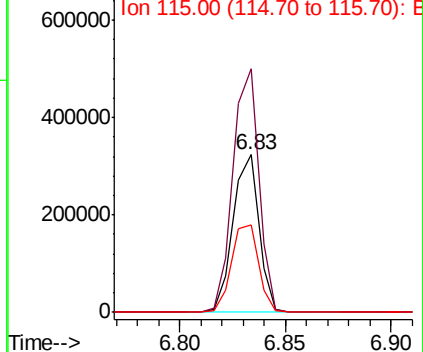
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119600.D
Acq: 28 Mar 2020 6:54

Instrument :
BNA_F
ClientSampleId :
SB-2

Tot Ion:152 Resp: 271768
Ion Ratio Lower Upper
152 100
150 154.7 124.5 186.7
115 55.7 49.6 74.4



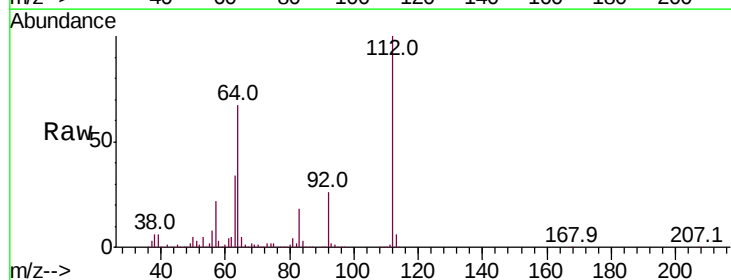
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



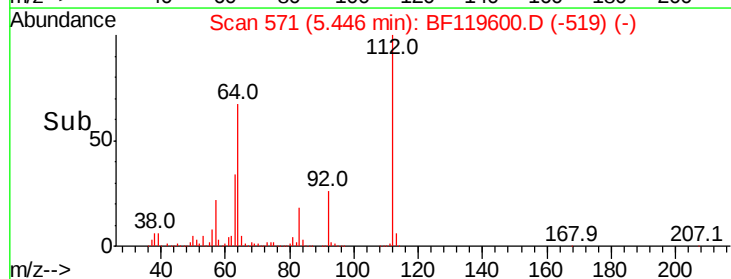
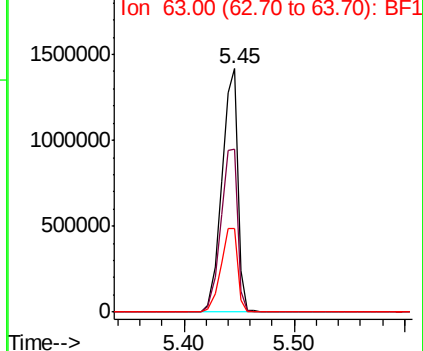
#5

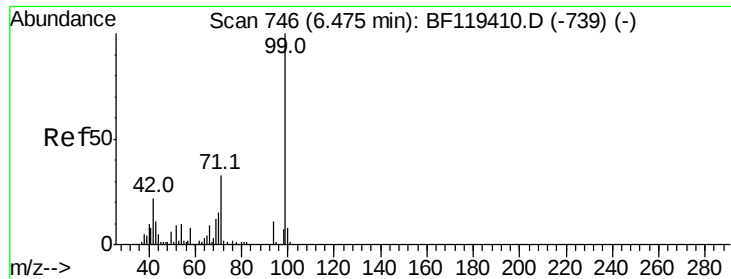
2-Fluorophenol
Concen: 83.639 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF119600.D
Acq: 28 Mar 2020 6:54

Tgt Ion:112 Resp: 1427866
Ion Ratio Lower Upper
112 100
64 66.8 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: 84.500 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF119600.D

Acq: 28 Mar 2020 6:54

Instrument :

BNA_F

ClientSampleId :

SB-2

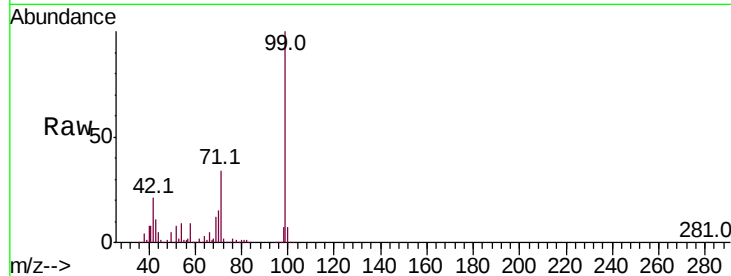
Tot Ion: 99 Resp: 1842786

Ion Ratio Lower Upper

99 100

42 21.5 16.6 24.8

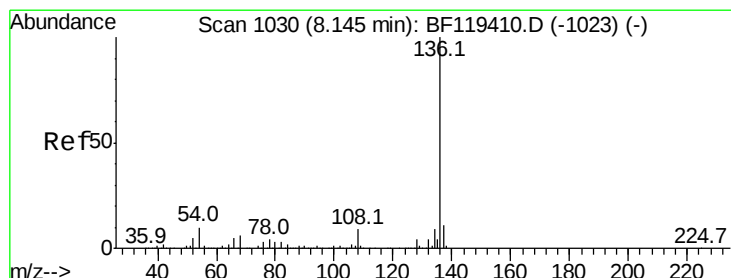
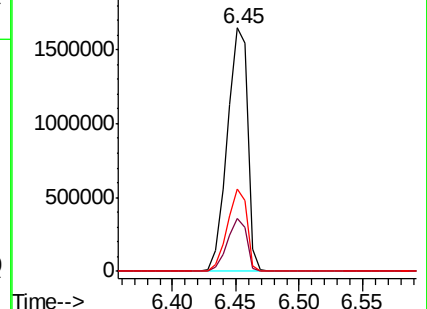
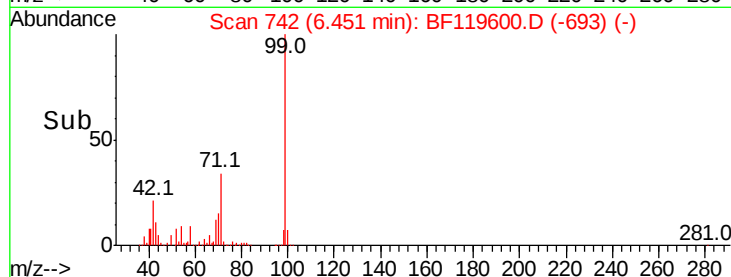
71 33.8 26.4 39.6



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: BF119600.D

Acq: 28 Mar 2020 6:54

Tgt Ion: 136 Resp: 1064670

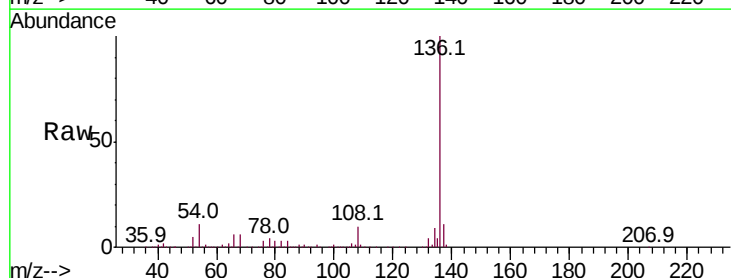
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.7 9.1 13.7

68 5.8 4.6 6.8

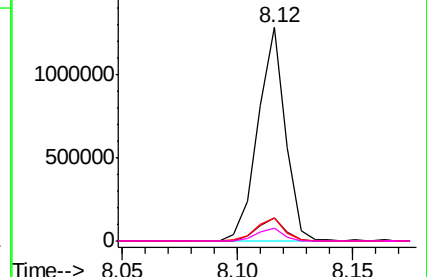
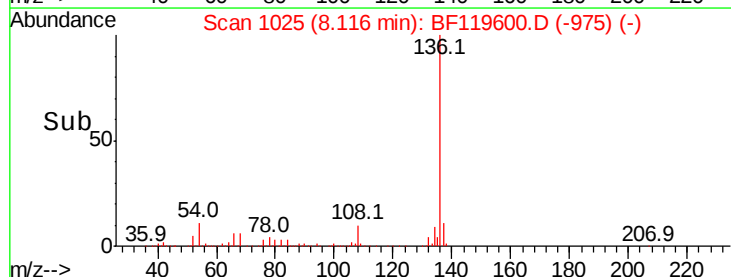


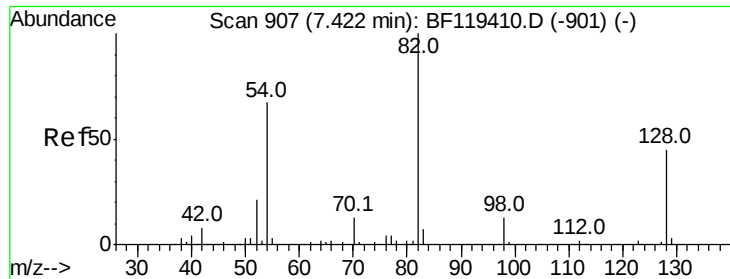
Abundance Ion 136.00 (135.70 to 136.70): E

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

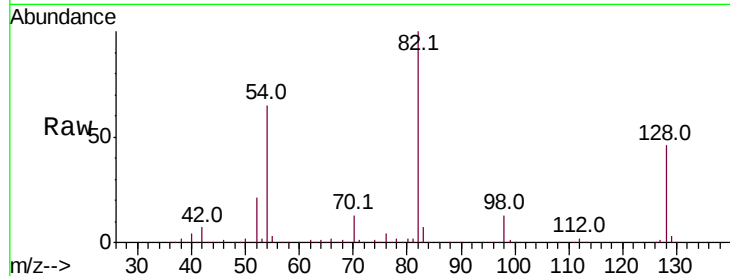




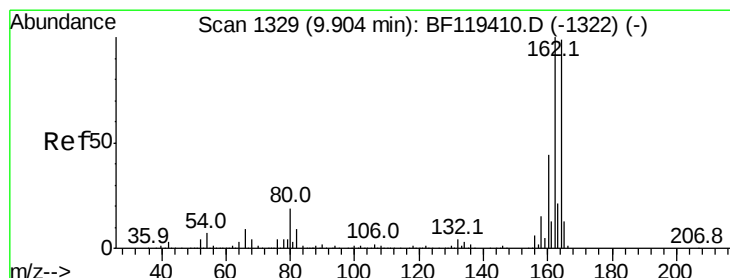
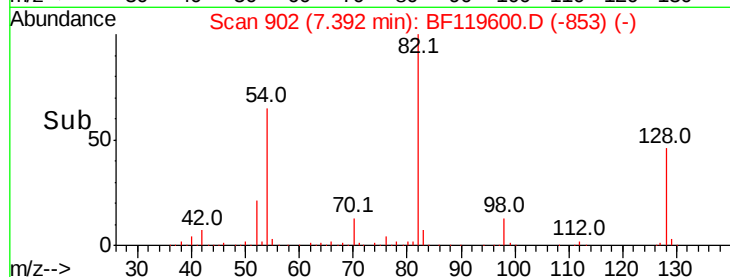
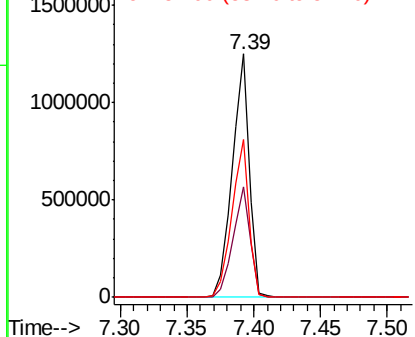
#23
Nitrobenzene-d5
Concen: 58.009 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119600.D
Acq: 28 Mar 2020 6:54

Instrument :
BNA_F
ClientSampleId :
SB-2

Tot Ion: 82 Resp: 1136391
Ion Ratio Lower Upper
82 100
128 45.5 36.3 54.5
54 65.1 50.6 75.8

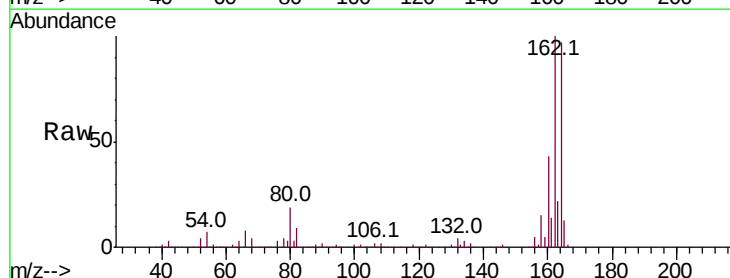


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

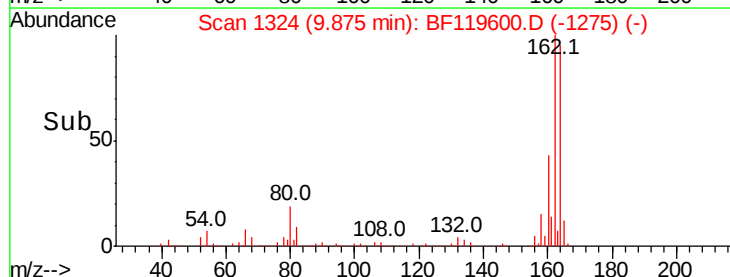
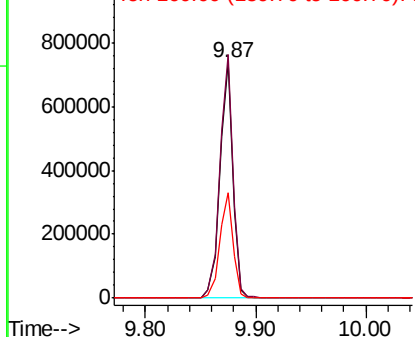


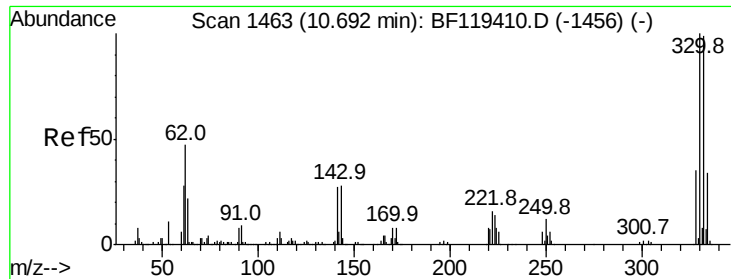
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF119600.D
Acq: 28 Mar 2020 6:54

Tgt Ion:164 Resp: 605056
Ion Ratio Lower Upper
164 100
162 103.3 80.6 121.0
160 44.7 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

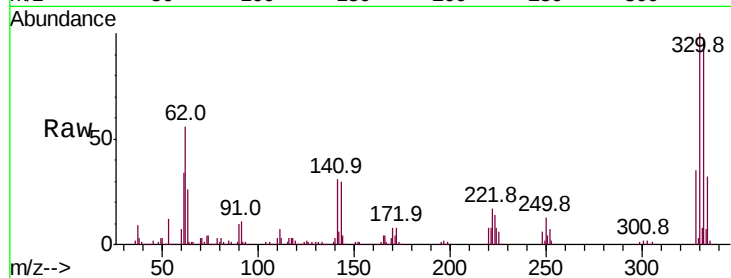




#42
 2,4,6-Tribromophenol
 Concen: 80.219 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF119600.D
 Acq: 28 Mar 2020 6:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.7	113.5
141	31.0	25.4	38.0

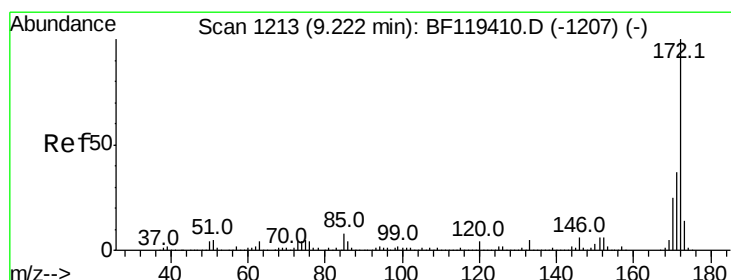
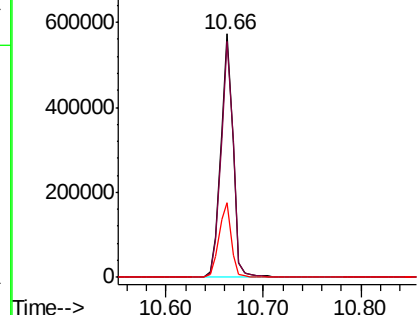
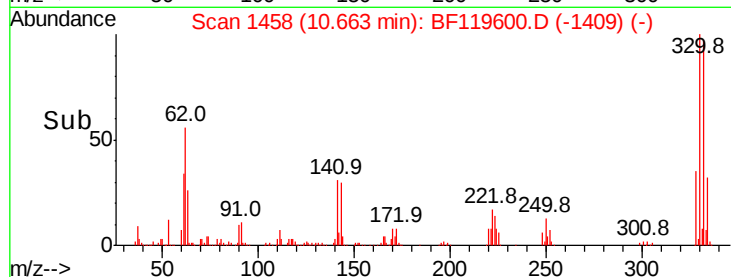


Abundance

Ion 329.80 (329.50 to 330.50): E

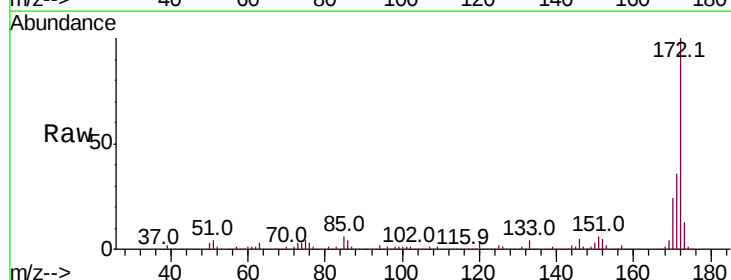
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 54.682 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119600.D
 Acq: 28 Mar 2020 6:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	24.1	20.2	30.2

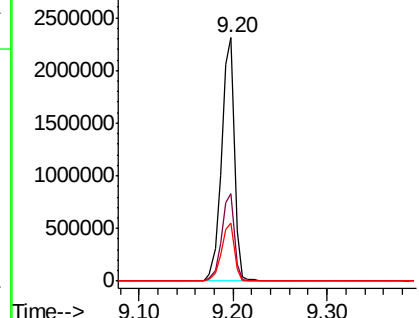
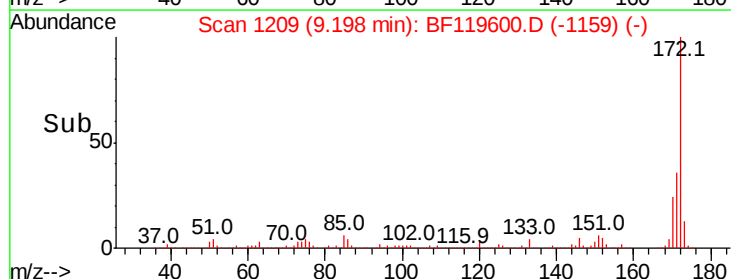


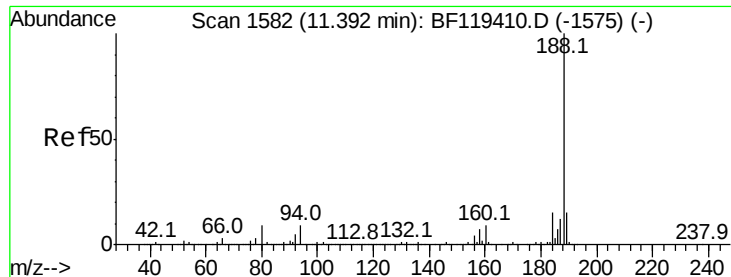
Abundance

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

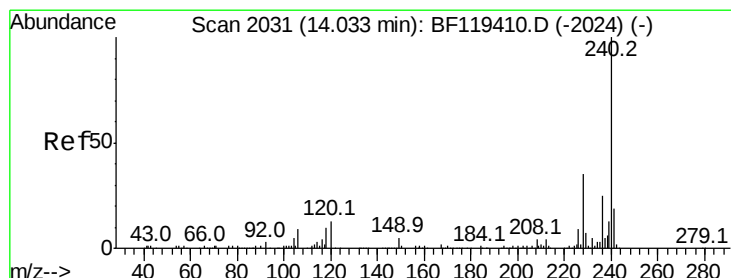
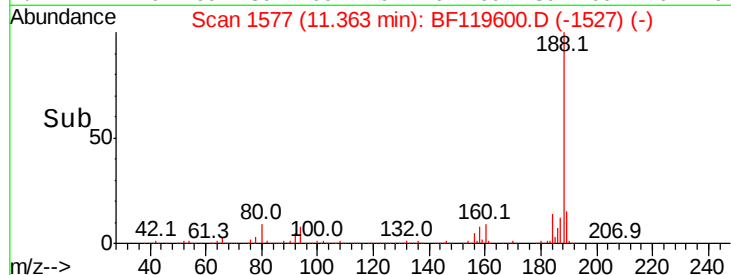
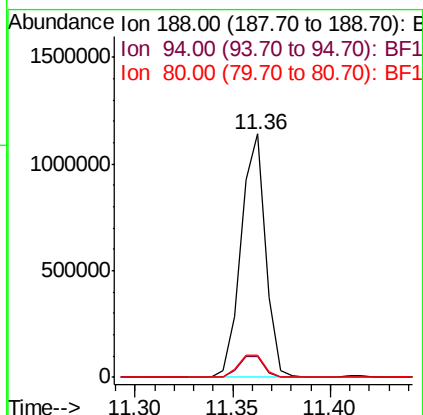
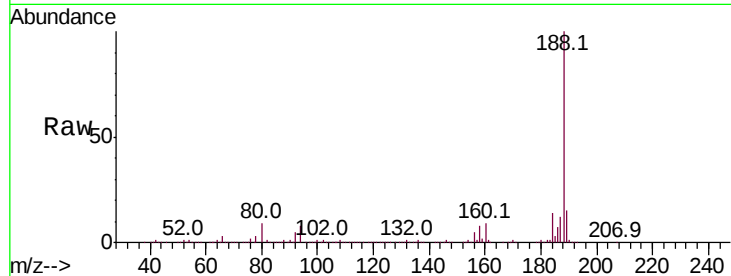




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119600.D
Acq: 28 Mar 2020 6:54

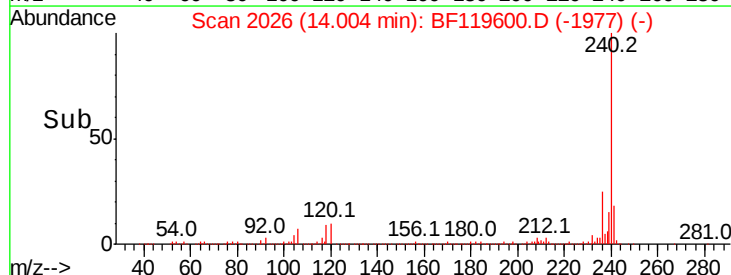
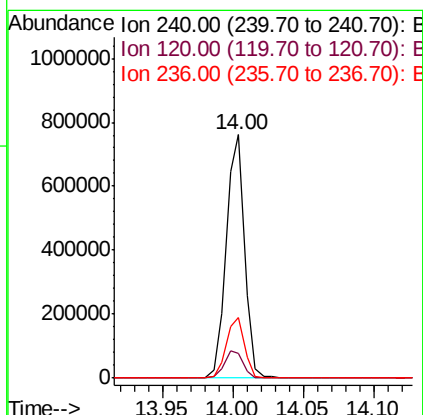
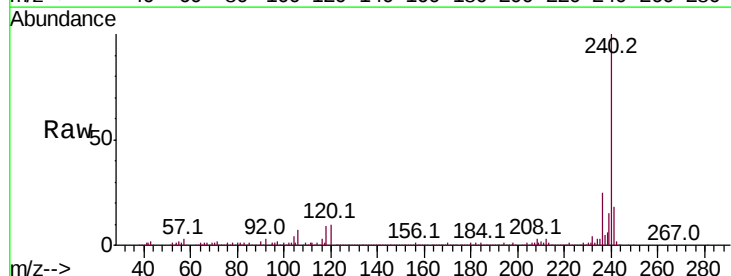
Instrument :
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ClientSampleId :
SB-2

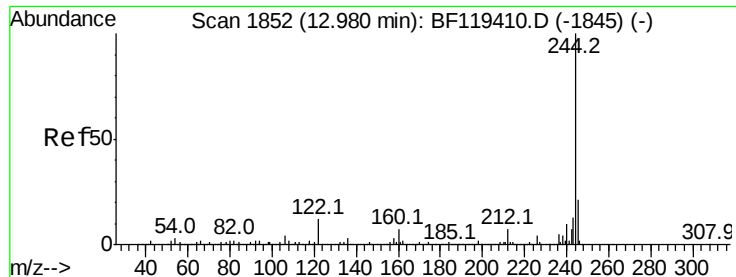
Tot Ion:188 Resp: 991049
Ion Ratio Lower Upper
188 100
94 8.4 7.5 11.3
80 8.9 9.0 13.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF119600.D
Acq: 28 Mar 2020 6:54

Tgt Ion:240 Resp: 685842
Ion Ratio Lower Upper
240 100
120 10.2 10.6 15.8#
236 25.0 20.2 30.2





#79

Terphenyl-d14

Concen: 66.807 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF119600.D

Acq: 28 Mar 2020 6:54

Instrument :

BNA_F

ClientSampleId :

SB-2

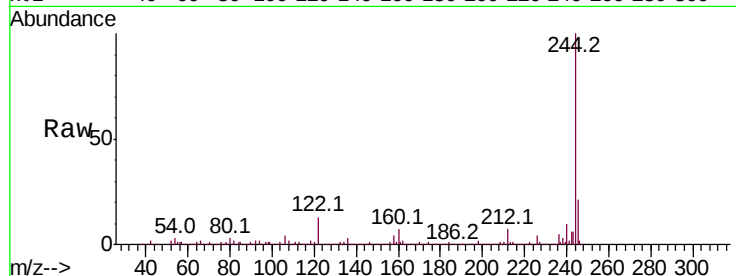
Tot Ion:244 Resp: 2338658

Ion Ratio Lower Upper

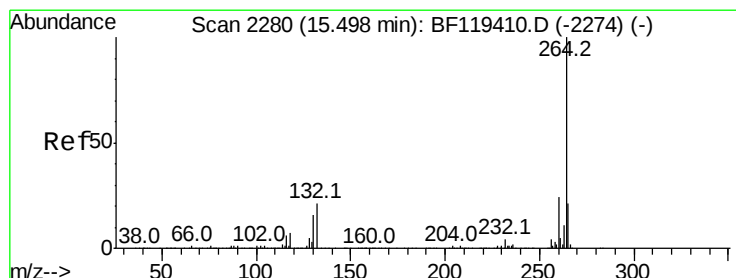
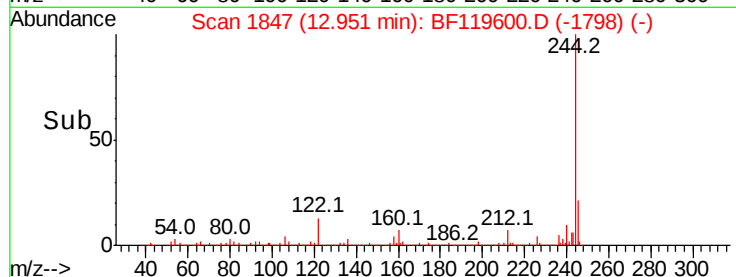
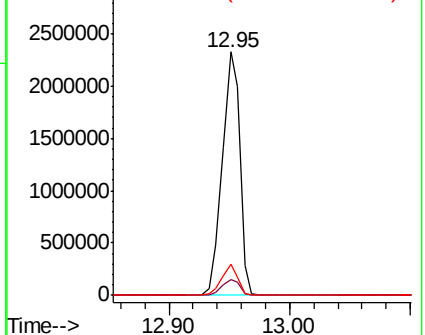
244 100

212 6.7 5.8 8.8

122 12.8 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: BF119600.D

Acq: 28 Mar 2020 6:54

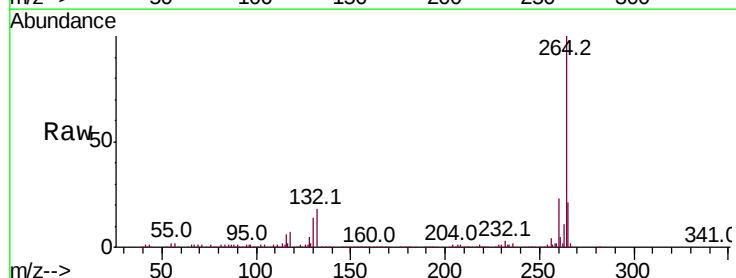
Tgt Ion:264 Resp: 561548

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.0 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

