

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
 Data File : BF119594.D
 Acq On : 28 Mar 2020 4:13
 Operator : CG/JU
 Sample : L2049-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(10-12)

Quant Time: Mar 28 08:14:47 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

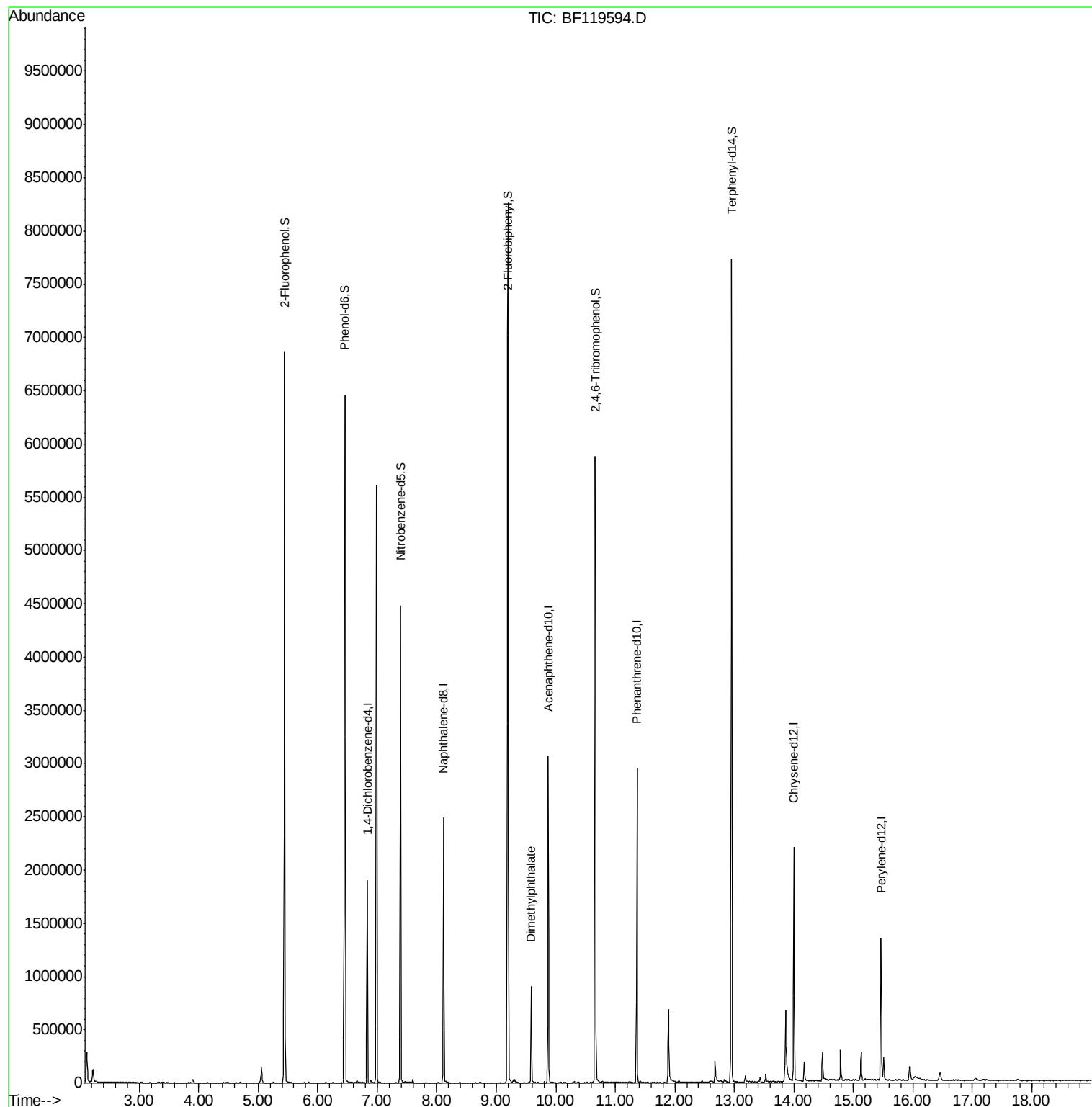
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	272557	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1049458	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	573830	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1090143	20.00	ng	0.00
76) Chrysene-d12	14.00	240	795301	20.00	ng	-0.01
87) Perylene-d12	15.46	264	650289	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1943682	113.52	ng	0.00
7) Phenol-d6	6.46	99	2463382	112.63	ng	0.00
23) Nitrobenzene-d5	7.39	82	1556229	80.59	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	720362	121.68	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2710801	69.99	ng	0.00
79) Terphenyl-d14	12.96	244	3087357	76.06	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	326290	8.005	ng	Qvalue 98

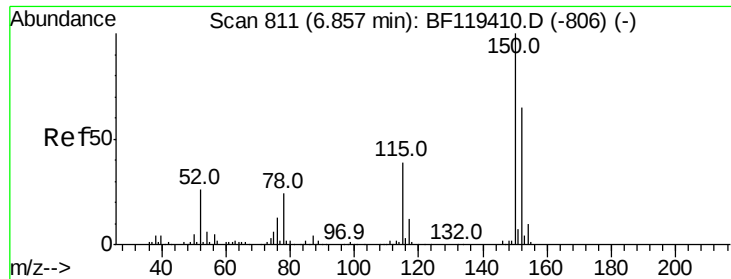
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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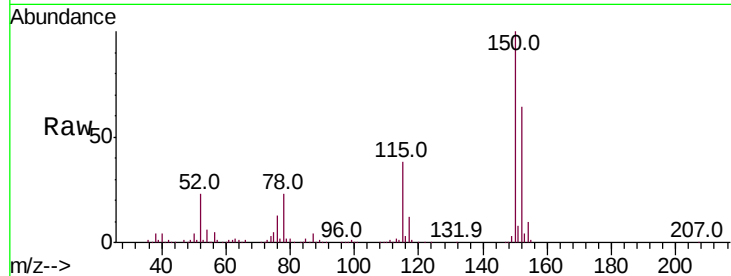


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119594.D
Acq: 28 Mar 2020 4:13

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.5	186.7
115	58.9	49.6	74.4

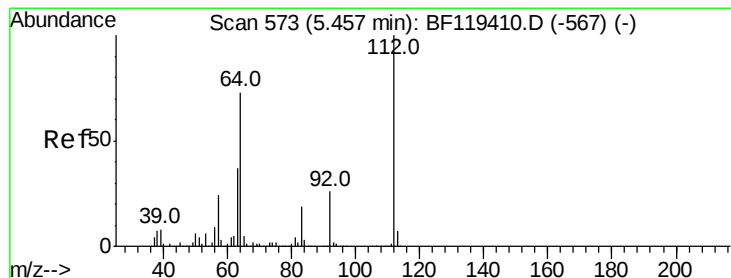
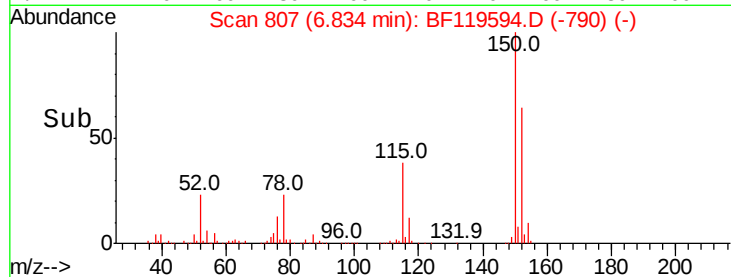
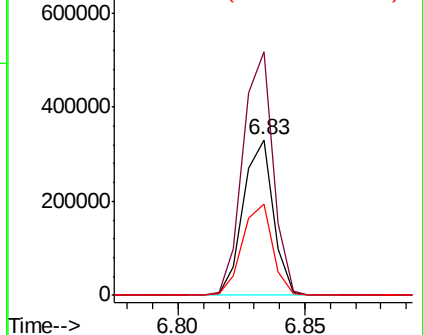


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

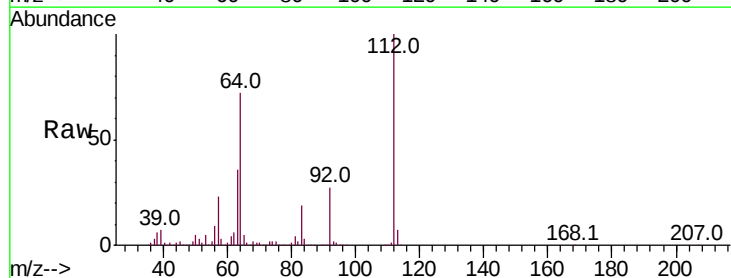
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 113.523 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF119594.D
Acq: 28 Mar 2020 4:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.7	56.7	85.1
63	36.5	29.5	44.3

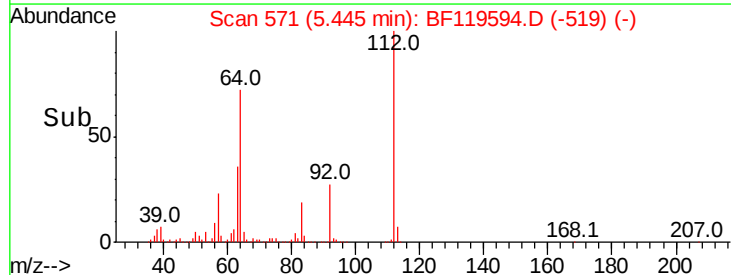
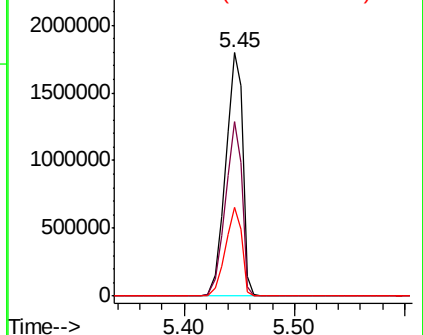


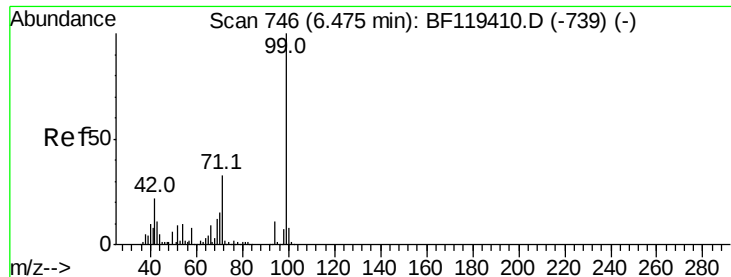
Abundance

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: 112.630 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119594.D

Acq: 28 Mar 2020 4:13

Instrument :

BNA_F

ClientSampleId :

SB-5-(10-12)

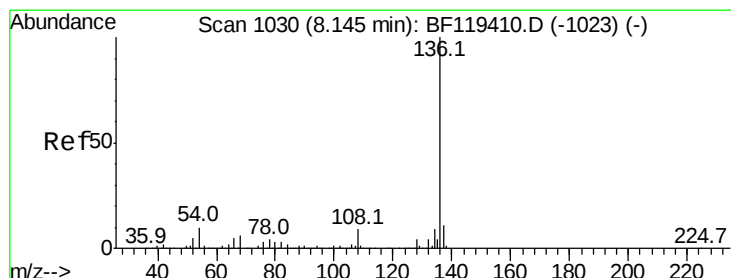
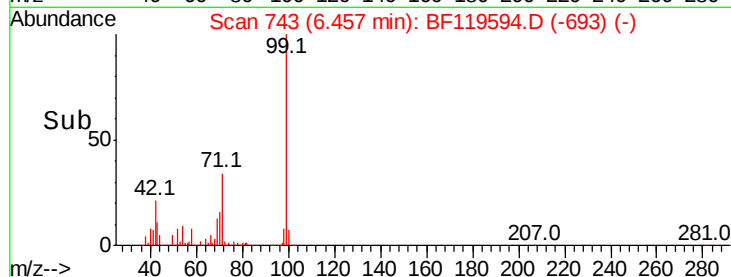
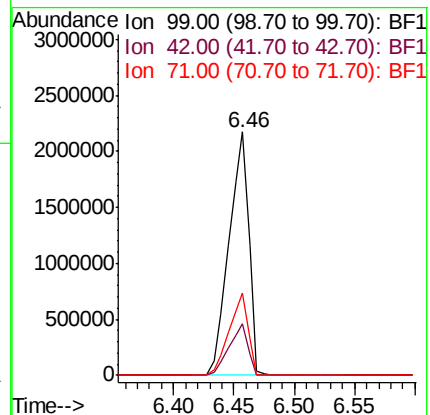
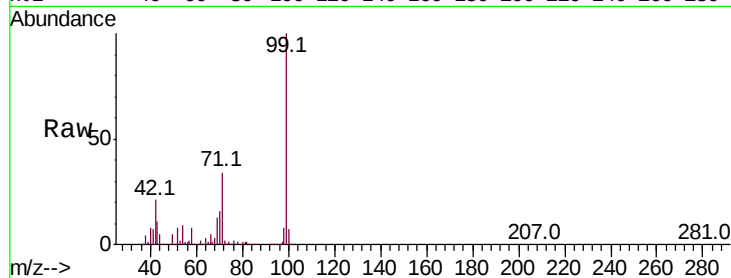
Tot Ion: 99 Resp: 2463382

Ion Ratio Lower Upper

99 100

42 21.1 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: BF119594.D

Acq: 28 Mar 2020 4:13

Tgt Ion: 136 Resp: 1049458

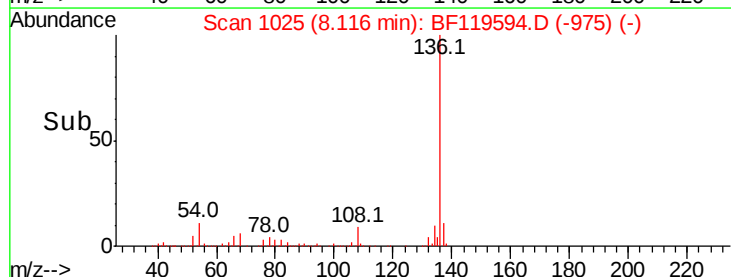
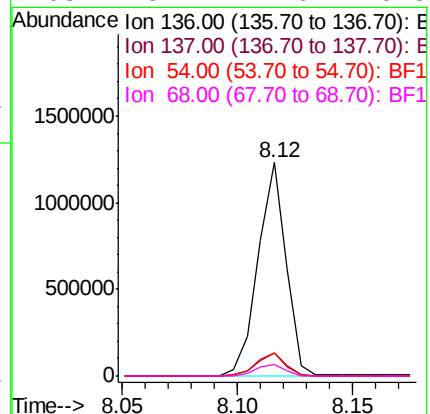
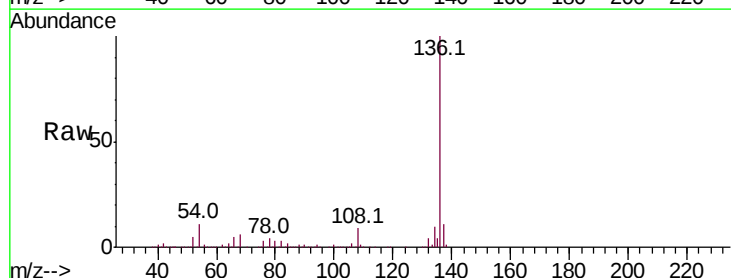
Ion Ratio Lower Upper

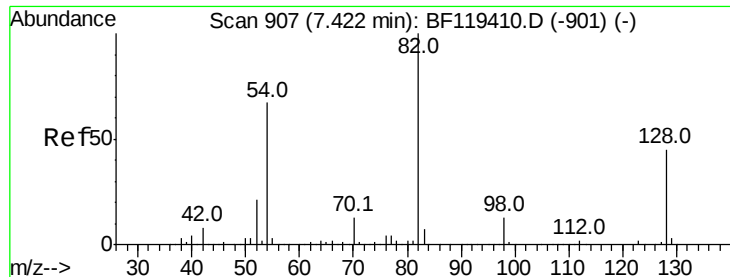
136 100

137 11.0 8.7 13.1

54 10.6 9.1 13.7

68 5.7 4.6 6.8

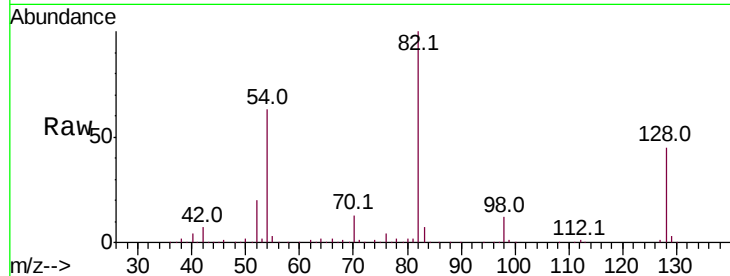




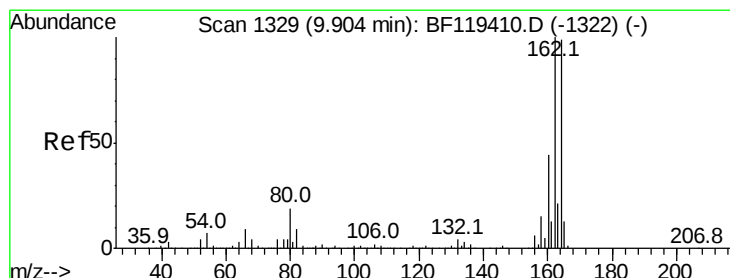
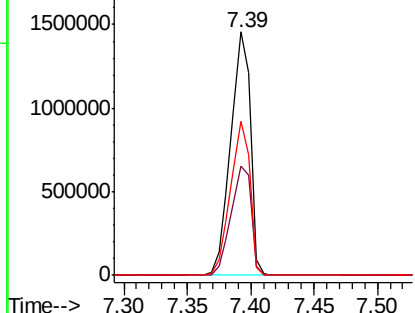
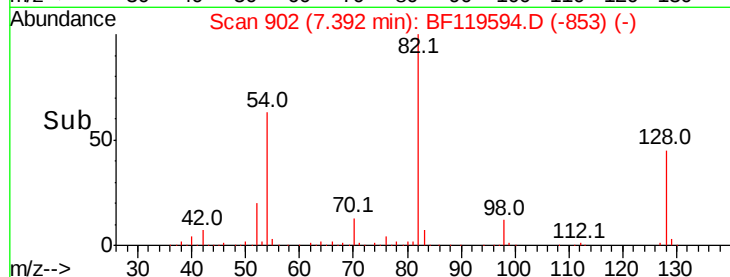
#23
Nitrobenzene-d5
Concen: 80.592 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119594.D
Acq: 28 Mar 2020 4:13

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)

Tot Ion: 82 Resp: 1556229
Ion Ratio Lower Upper
82 100
128 44.8 36.3 54.5
54 63.2 50.6 75.8

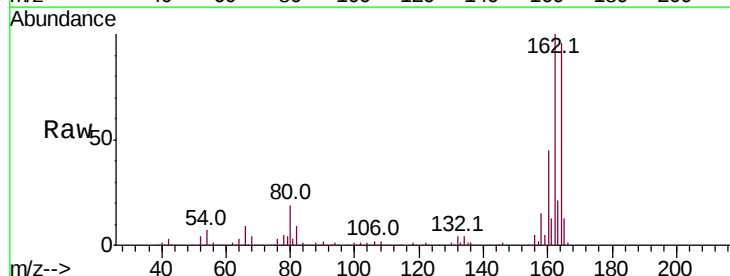


Abundance Ion 82.00 (81.70 to 82.70): BF1
2000000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

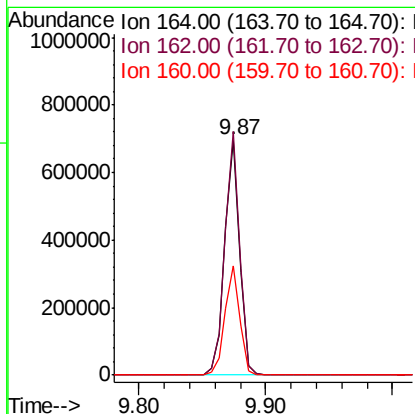
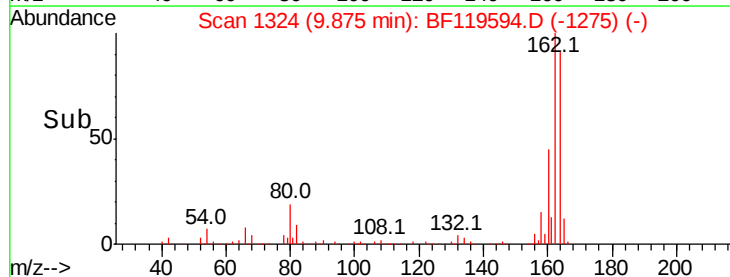


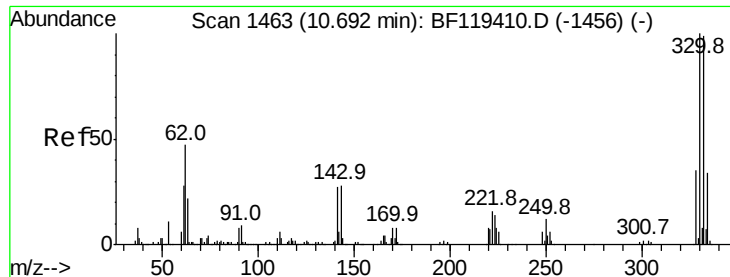
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF119594.D
Acq: 28 Mar 2020 4:13

Tgt Ion:164 Resp: 573830
Ion Ratio Lower Upper
164 100
162 103.7 80.6 121.0
160 46.5 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
1000000 Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

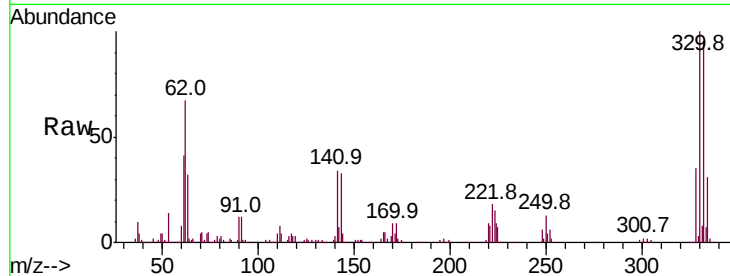




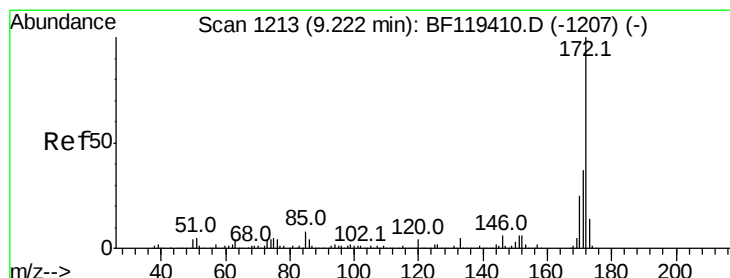
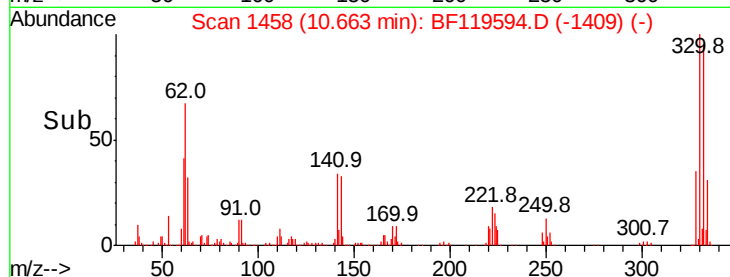
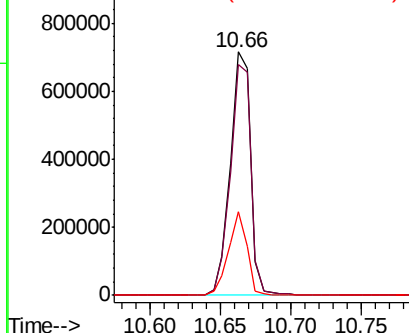
#42
 2,4,6-Tribromophenol
 Concen: 121.683 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF119594.D
 Acq: 28 Mar 2020 4:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(10-12)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.7	113.5
141	31.6	25.4	38.0

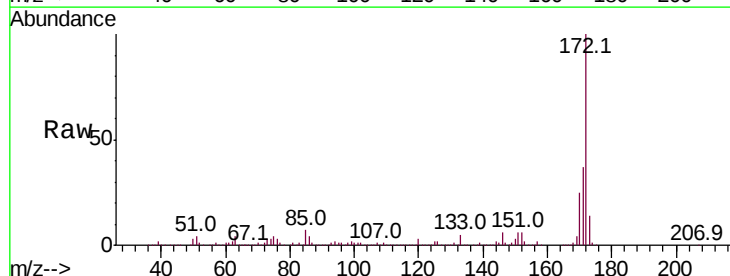


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

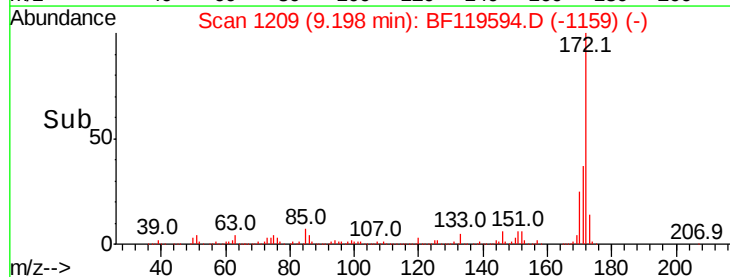
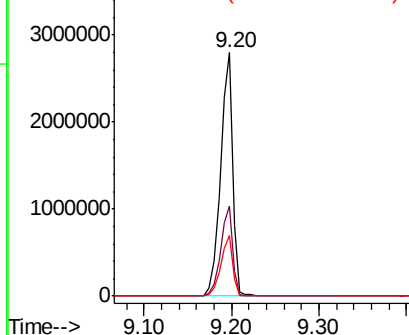


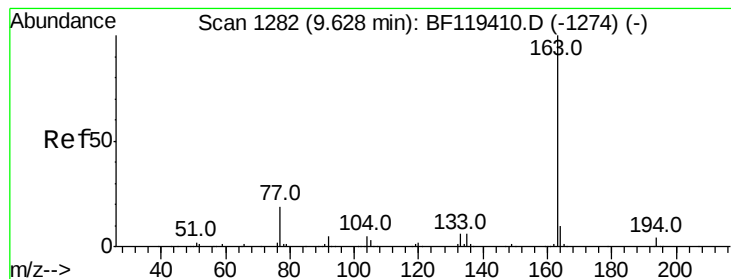
#45
 2-Fluorobiphenyl
 Concen: 69.985 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119594.D
 Acq: 28 Mar 2020 4:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.6	44.4
170	24.6	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: 8.005 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF119594.D

Acq: 28 Mar 2020 4:13

Instrument :

BNA_F

ClientSampleId :

SB-5-(10-12)

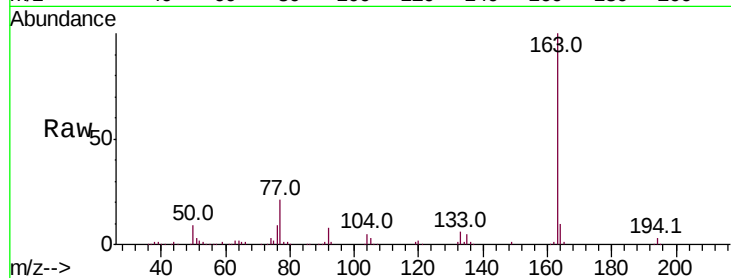
Tot Ion:163 Resp: 326290

Ion Ratio Lower Upper

163 100

194 3.5 3.1 4.7

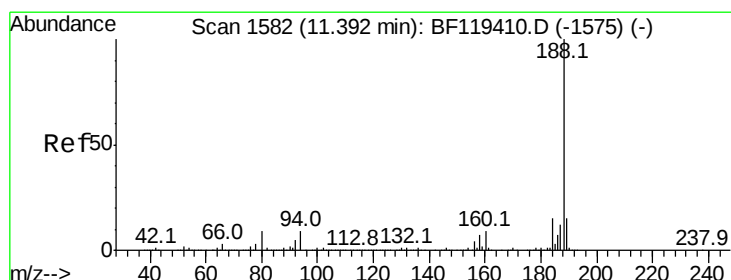
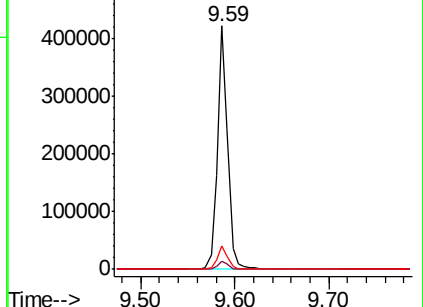
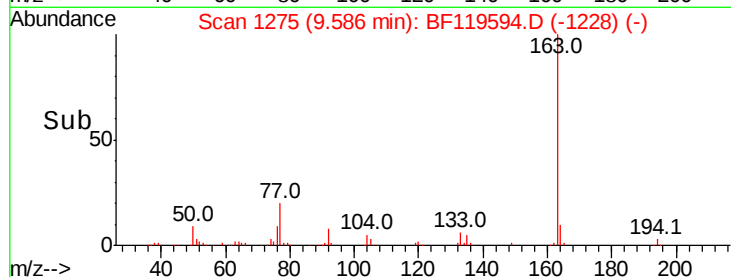
164 9.5 8.2 12.2



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: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119594.D

Acq: 28 Mar 2020 4:13

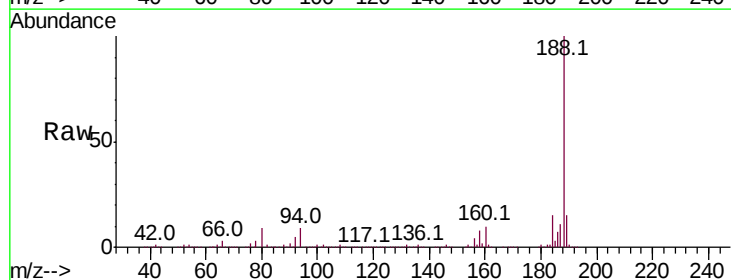
Tgt Ion:188 Resp: 1090143

Ion Ratio Lower Upper

188 100

94 8.6 7.5 11.3

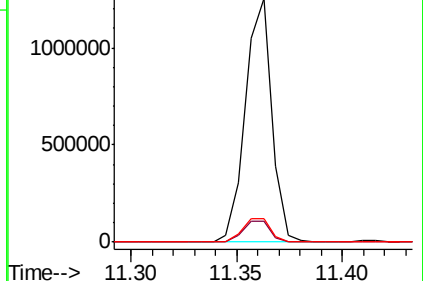
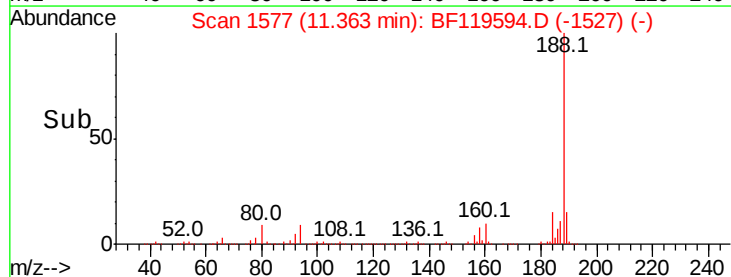
80 9.4 9.0 13.4

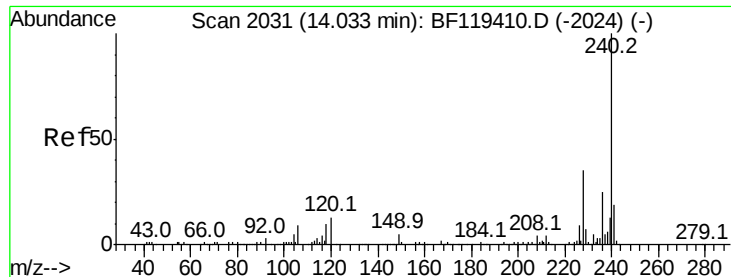


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

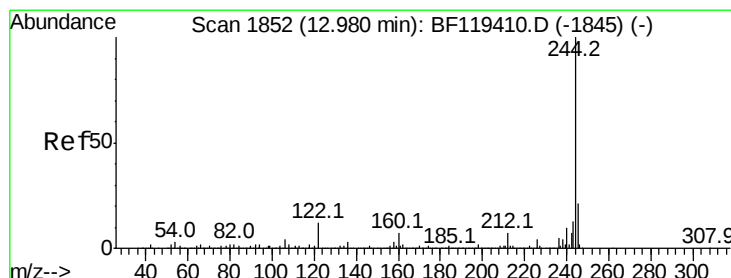
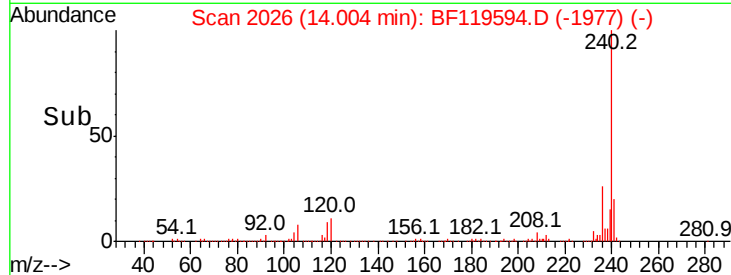
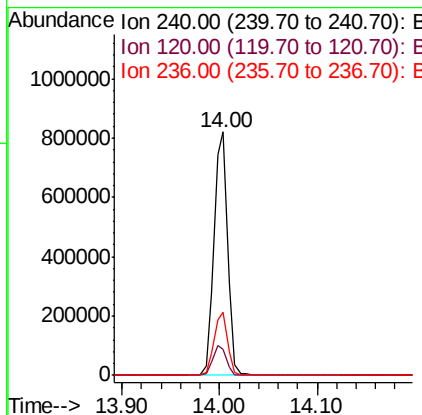
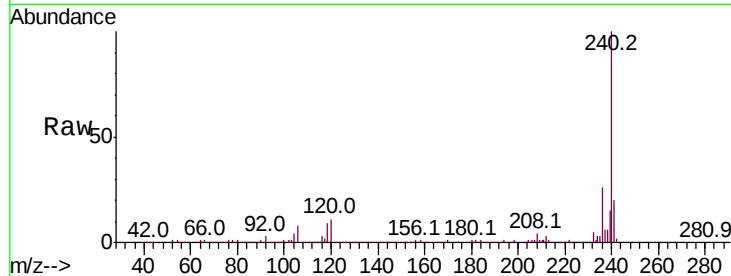




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF119594.D
 Acq: 28 Mar 2020 4:13

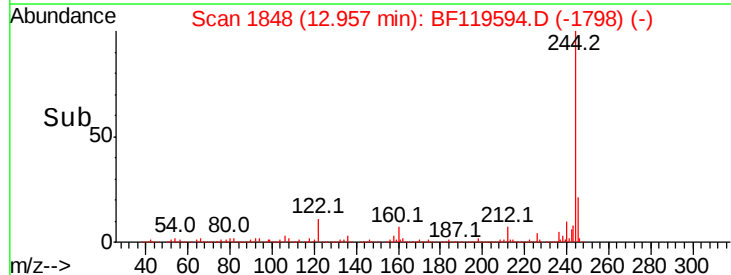
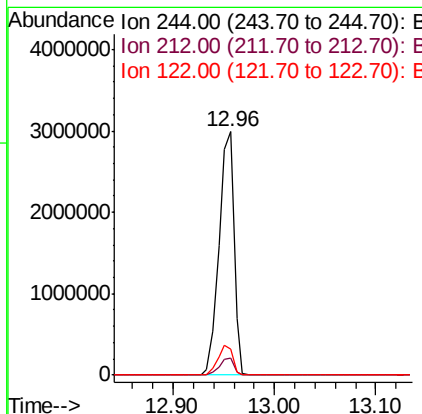
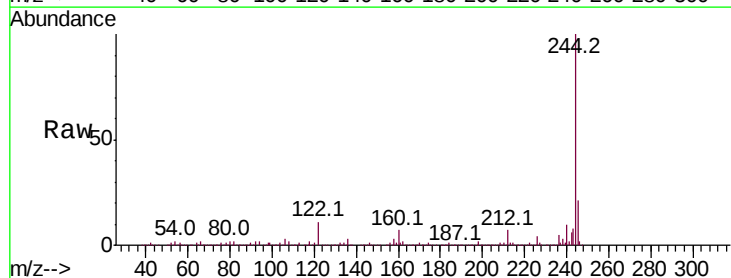
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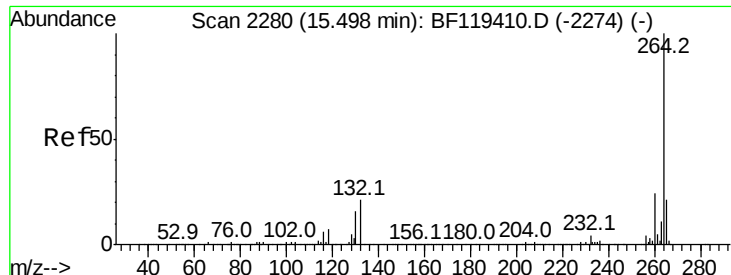
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	10.6	15.8
236	25.8	20.2	30.2



#79
 Terphenyl-d14
 Concen: 76.057 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF119594.D
 Acq: 28 Mar 2020 4:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	10.9	10.3	15.5

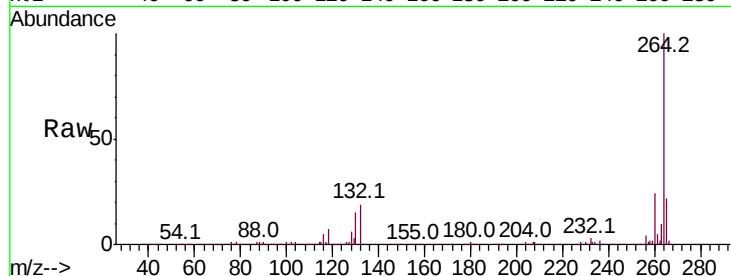




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BF119594.D
Acq: 28 Mar 2020 4:13

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	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

