

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119795.D
 Acq On : 7 Apr 2020 2:40
 Operator : MA/SJ
 Sample : L2126-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2-4-1

Quant Time: Apr 07 03:26:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

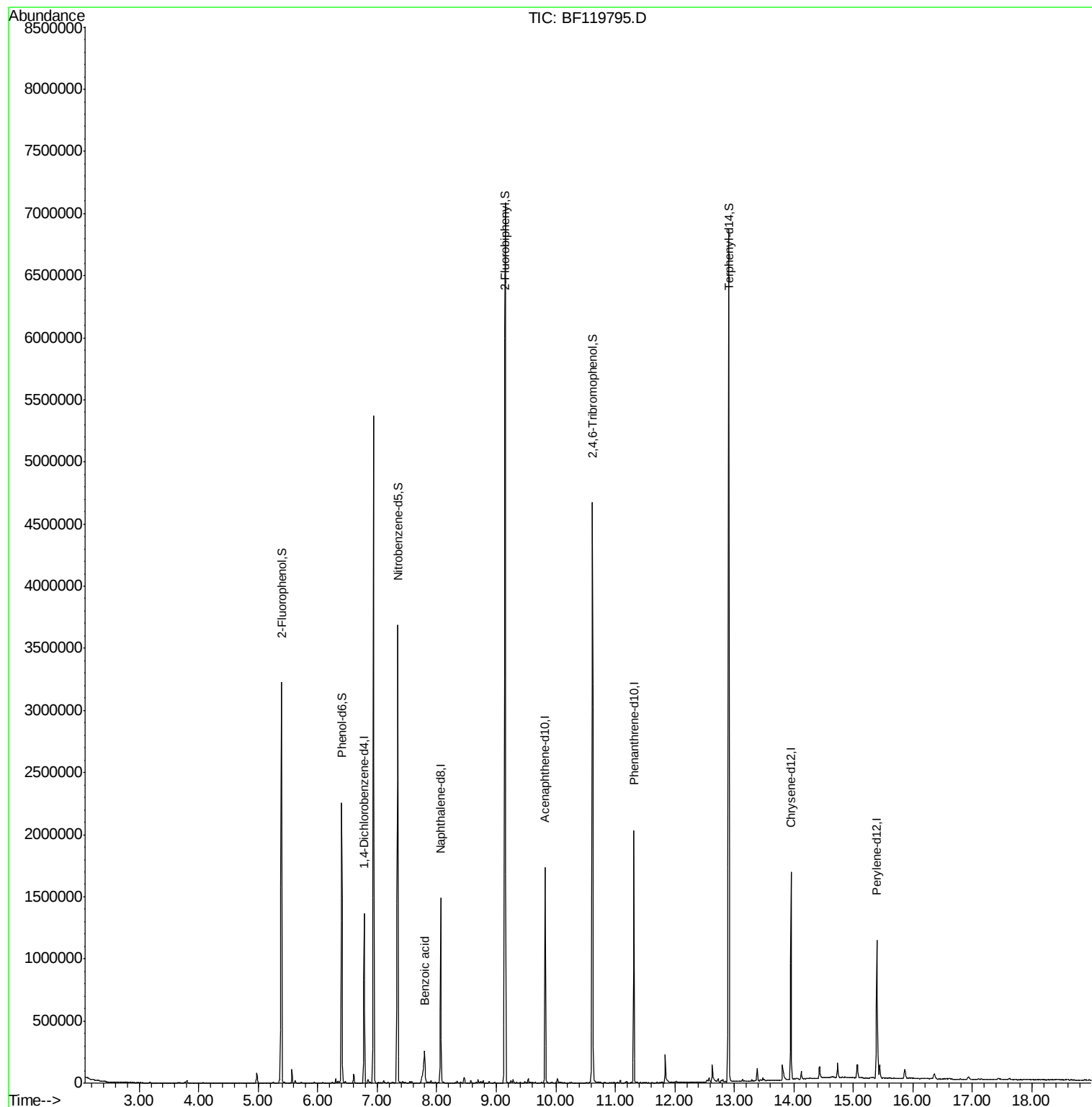
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	184141	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	701375	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	358991	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	686433	20.00	ng	0.00
76) Chrysene-d12	13.95	240	533290	20.00	ng	0.00
87) Perylene-d12	15.40	264	517491	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	873853	75.54	ng	0.00
7) Phenol-d6	6.40	99	712046	48.19	ng	-0.01
23) Nitrobenzene-d5	7.35	82	1340583	103.88	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	626365	169.12	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2417353	99.76	ng	0.00
79) Terphenyl-d14	12.91	244	2803644	103.00	ng	0.00
Target Compounds						
32) Benzoic acid	7.80	122	94023	13.017	ng	Qvalue 93

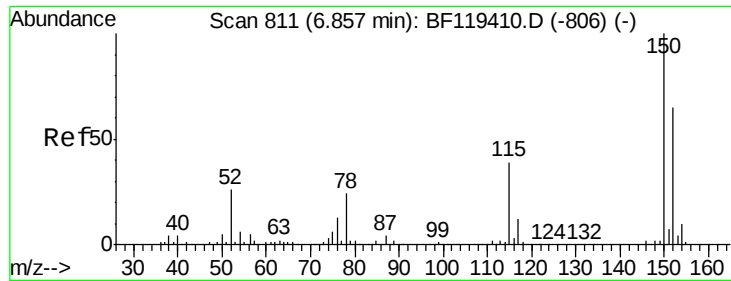
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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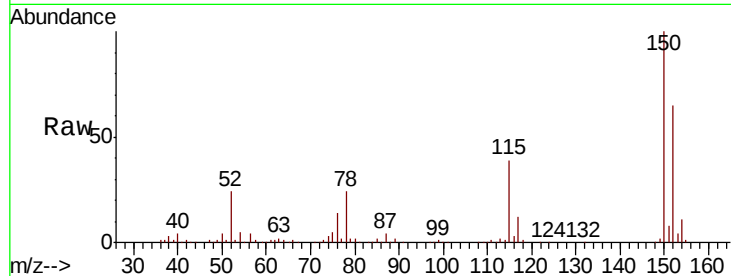


#1

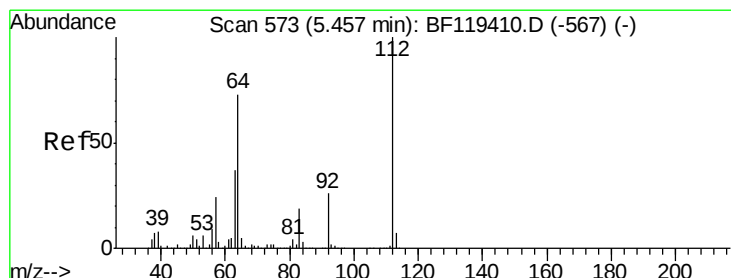
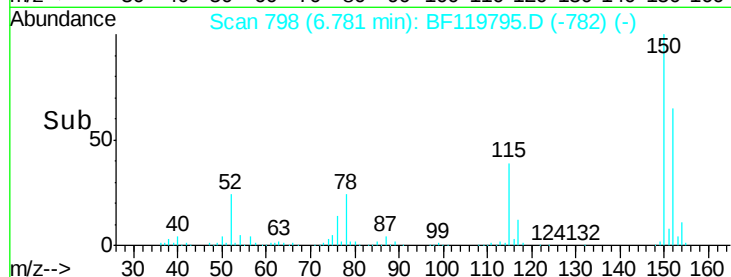
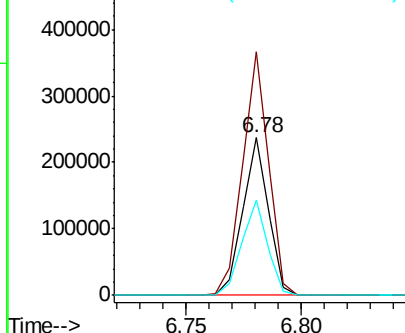
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119795.D
Acq: 7 Apr 2020 2:40

Instrument :
BNA_F
ClientSampled :
2-4-1

Tot Ion:152 Resp: 184141
Ion Ratio Lower Upper
152 100
150 154.5 124.5 186.7
115 60.6 49.6 74.4



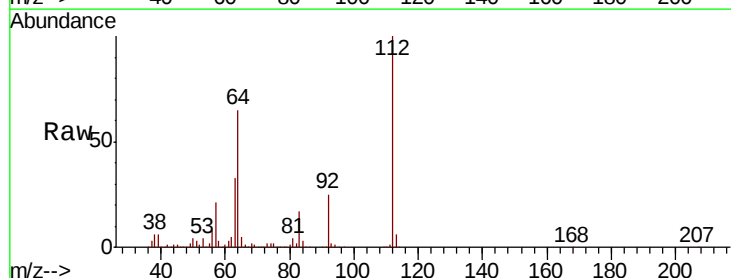
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



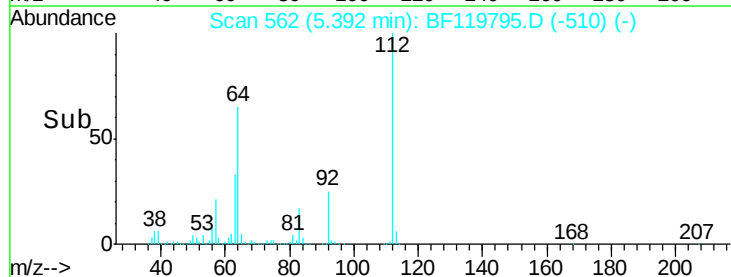
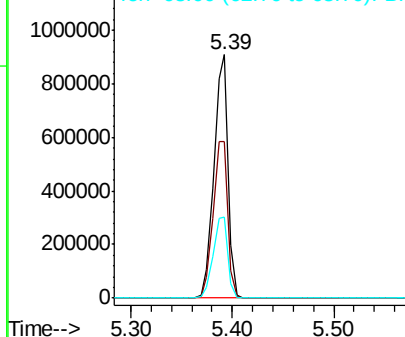
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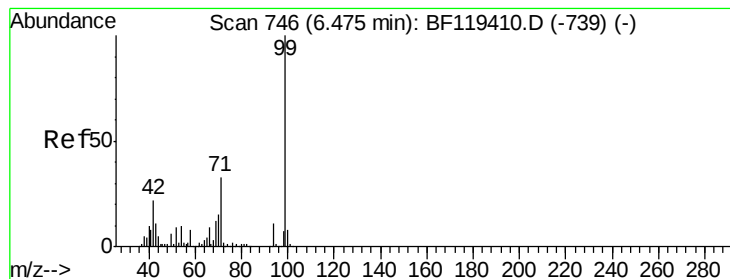
2-Fluorophenol
Concen: 75.545 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF119795.D
Acq: 7 Apr 2020 2:40

Tgt Ion:112 Resp: 873853
Ion Ratio Lower Upper
112 100
64 64.5 56.7 85.1
63 33.1 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: 48.188 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF119795.D

Acq: 7 Apr 2020 2:40

Instrument :

BNA_F

ClientSampleId :

2-4-1

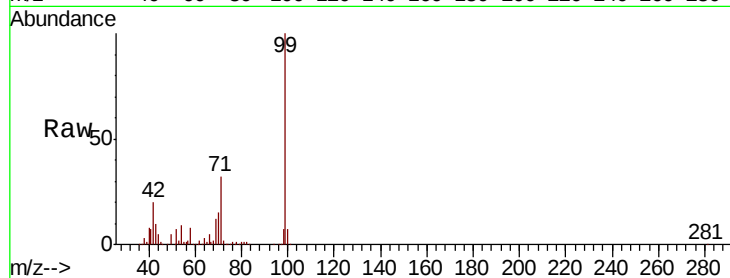
Tot Ion: 99 Resp: 712046

Ion Ratio Lower Upper

99 100

42 20.0 16.6 24.8

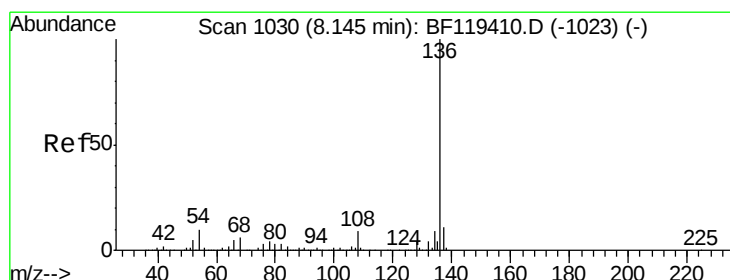
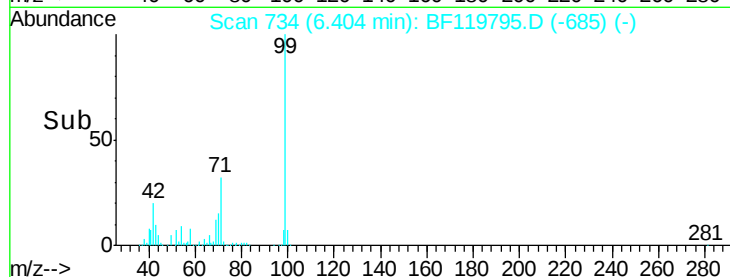
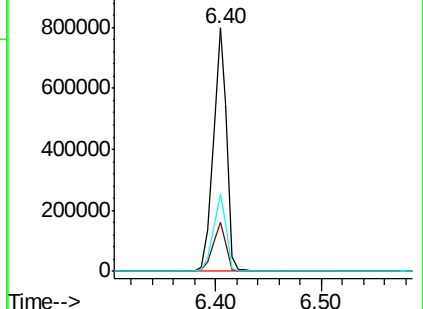
71 31.8 26.4 39.6



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: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF119795.D

Acq: 7 Apr 2020 2:40

Tgt Ion: 136 Resp: 701375

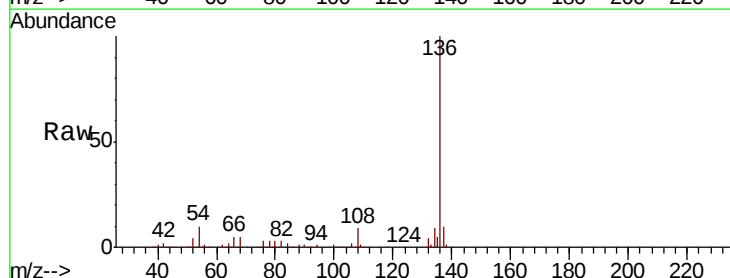
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 9.5 9.1 13.7

68 5.1 4.6 6.8

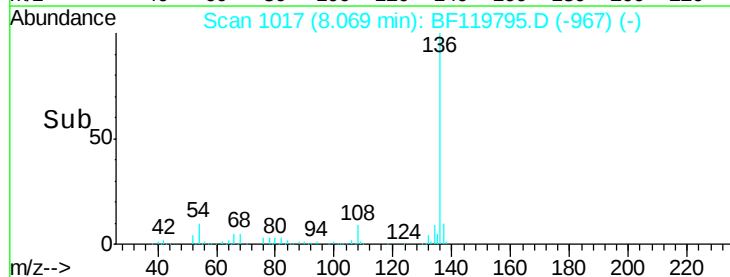
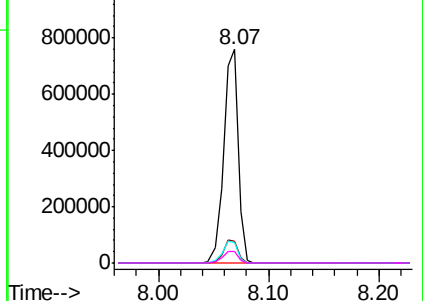


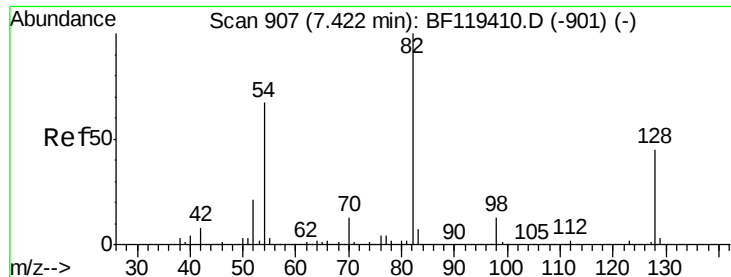
Abundance Ion 136.00 (135.70 to 136.70): E

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



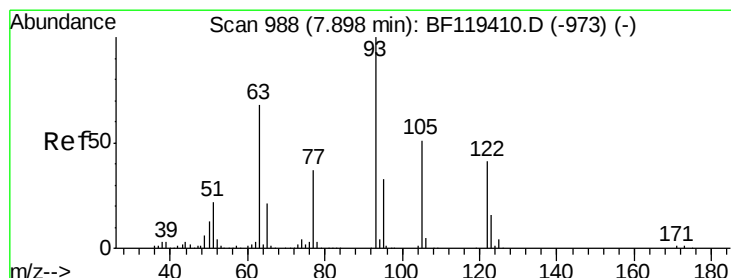
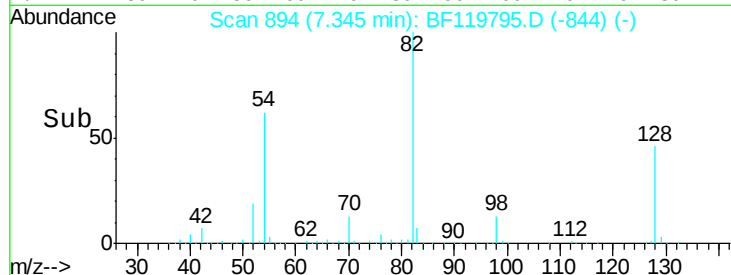
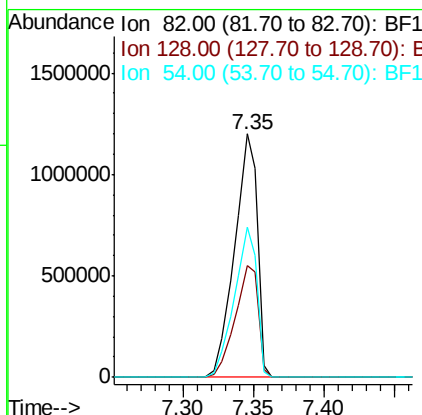
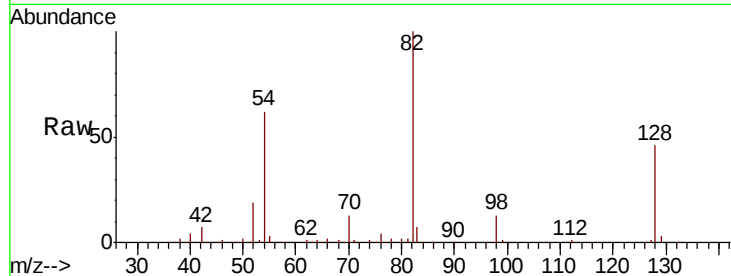


#23
 Nitrobenzene-d5
 Concen: 103.879 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF119795.D
 Acq: 7 Apr 2020 2:40

Instrument :
 BNA_F
 ClientSampleId :
 2-4-1

Tot Ion: 82 Resp: 1340583

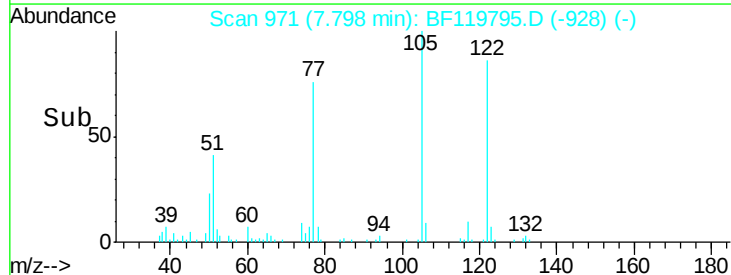
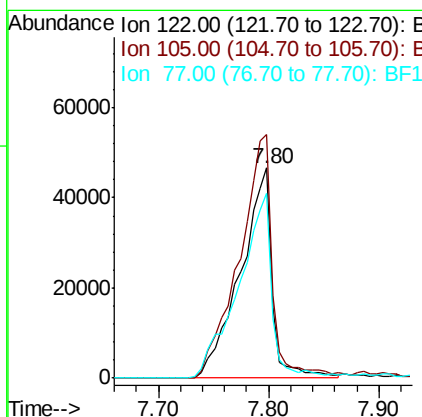
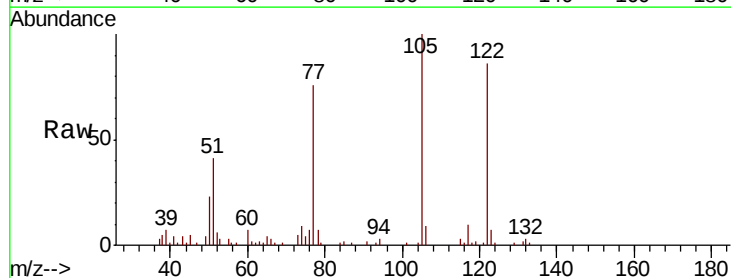
Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.3	54.5
54	61.6	50.6	75.8

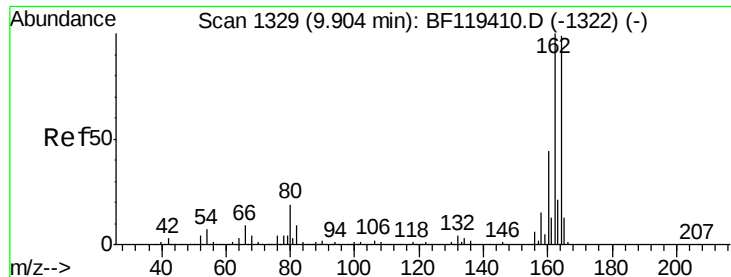


#32
 Benzoic acid
 Concen: 13.017 ng
 RT: 7.80 min Scan# 971
 Delta R.T. -0.05 min
 Lab File: BF119795.D
 Acq: 7 Apr 2020 2:40

Tgt Ion: 122 Resp: 94023

Ion	Ratio	Lower	Upper
122	100		
105	116.0	104.9	144.9
77	88.1	74.4	114.4

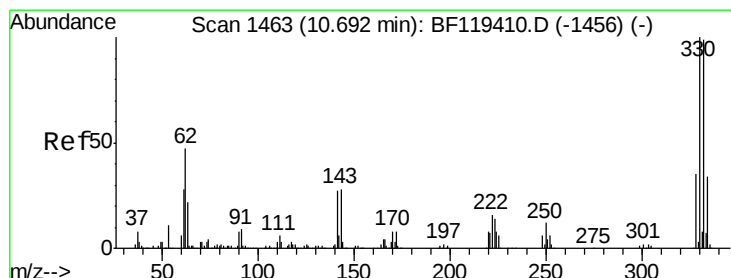
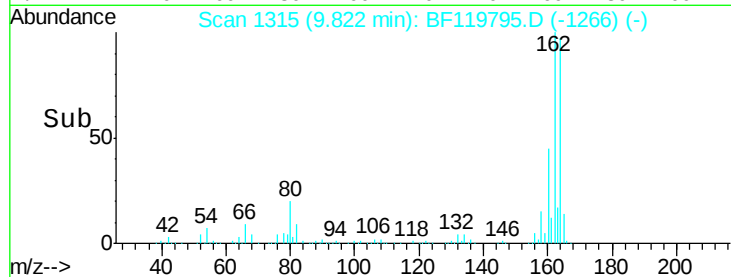
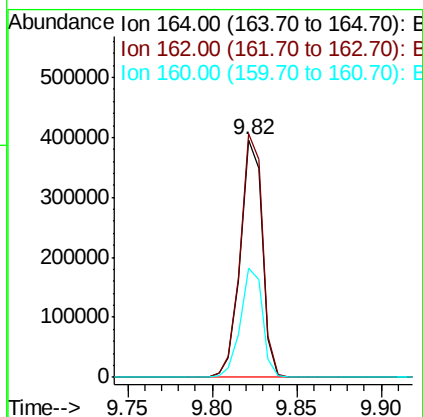
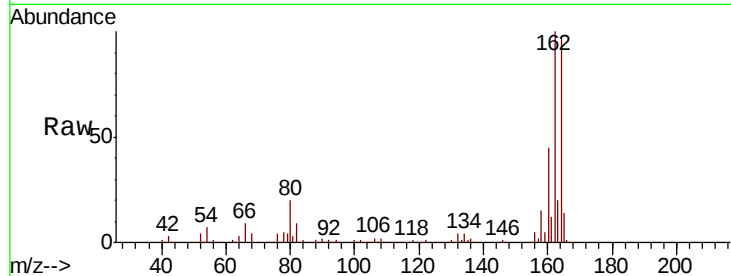




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF119795.D
 Acq: 7 Apr 2020 2:40

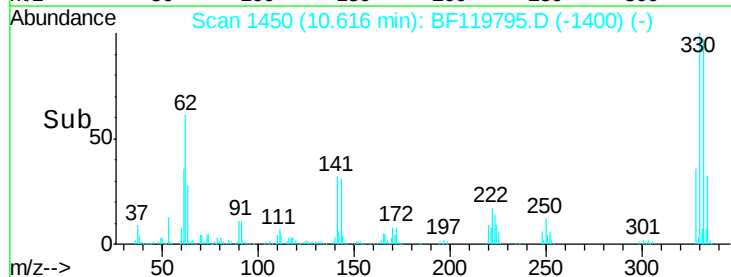
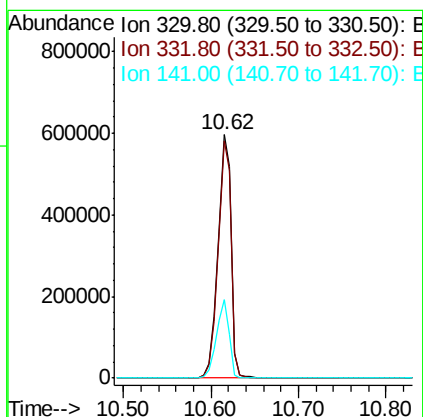
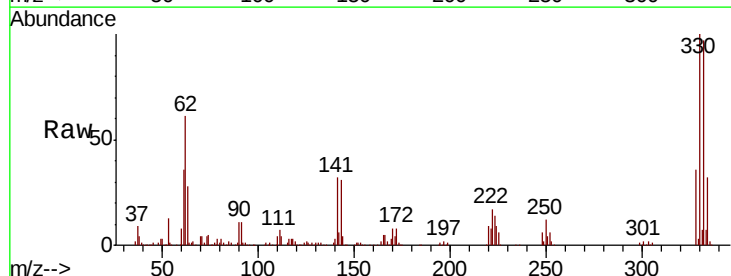
Instrument :
 BNA_F
 ClientSampled :
 2-4-1

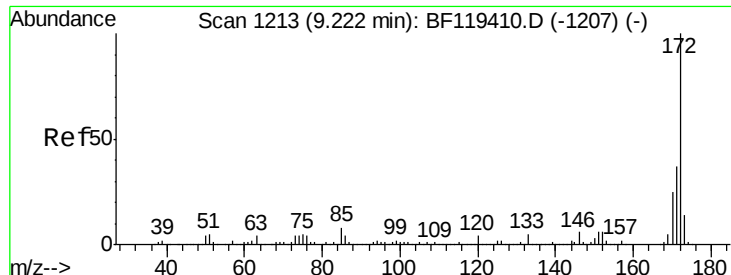
Tot Ion:164 Resp: 358991
 Ion Ratio Lower Upper
 164 100
 162 102.6 80.6 121.0
 160 46.2 35.7 53.5



#42
 2,4,6-Tribromophenol
 Concen: 169.124 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF119795.D
 Acq: 7 Apr 2020 2:40

Tgt Ion:330 Resp: 626365
 Ion Ratio Lower Upper
 330 100
 332 96.6 75.7 113.5
 141 31.1 25.4 38.0



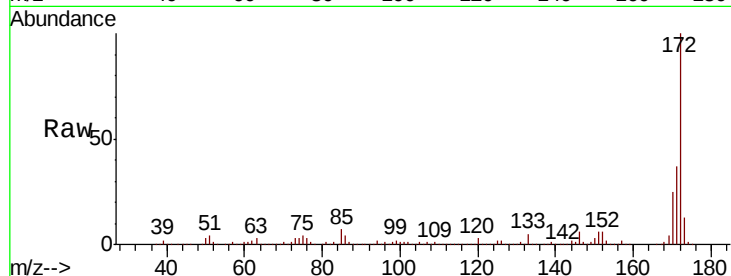


#45
 2-Fluorobiphenyl
 Concen: 99.759 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF119795.D
 Acq: 7 Apr 2020 2:40

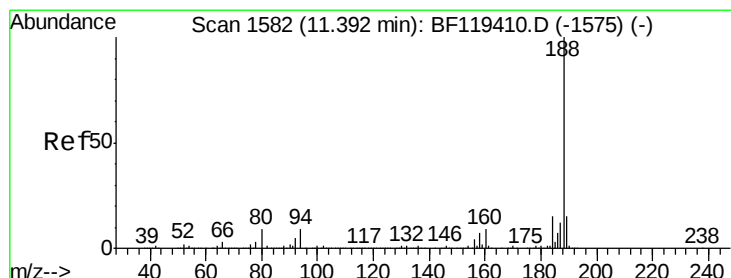
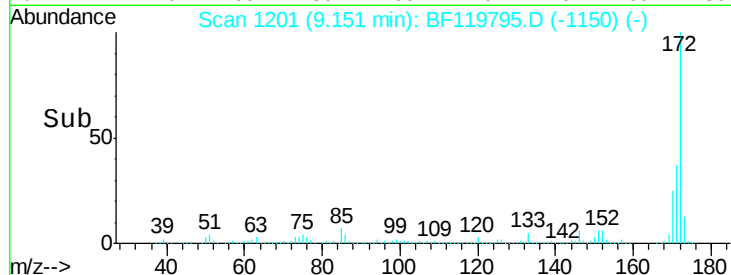
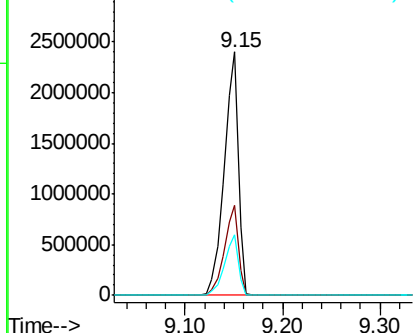
Instrument :
 BNA_F
 ClientSampleId :
 2-4-1

Tot Ion:172 Resp: 2417353

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	24.6	20.2	30.2



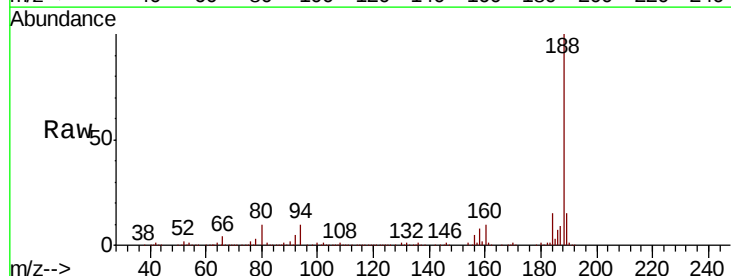
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



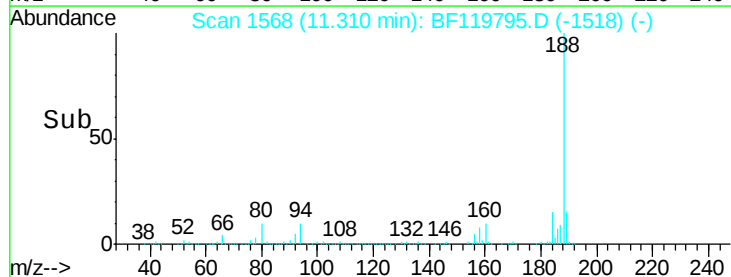
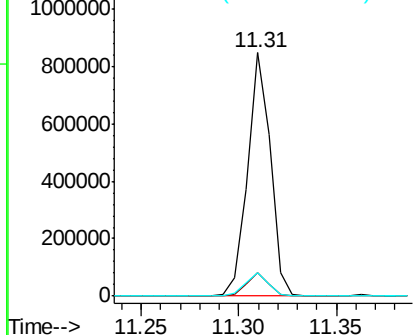
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF119795.D
 Acq: 7 Apr 2020 2:40

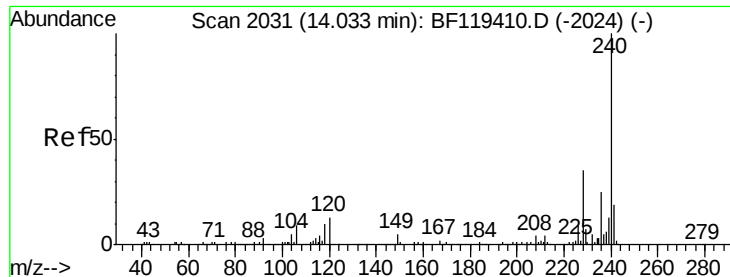
Tgt Ion:188 Resp: 686433

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.5	11.3
80	9.8	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

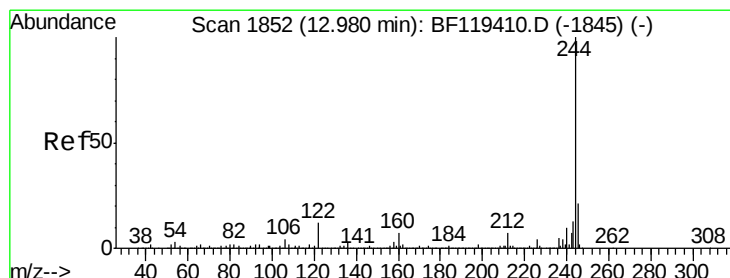
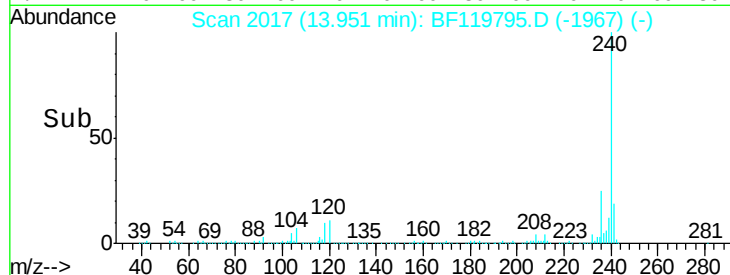
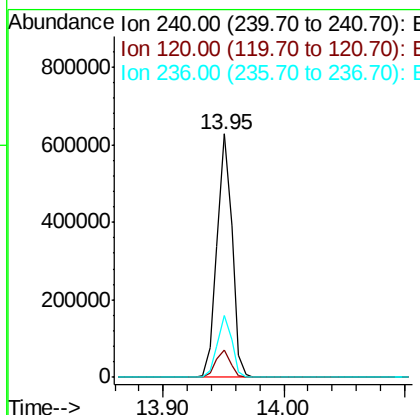
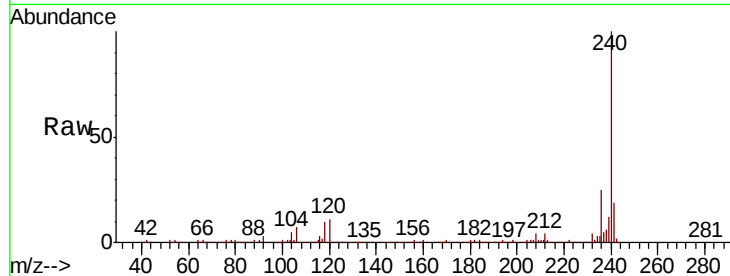




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF119795.D
 Acq: 7 Apr 2020 2:40

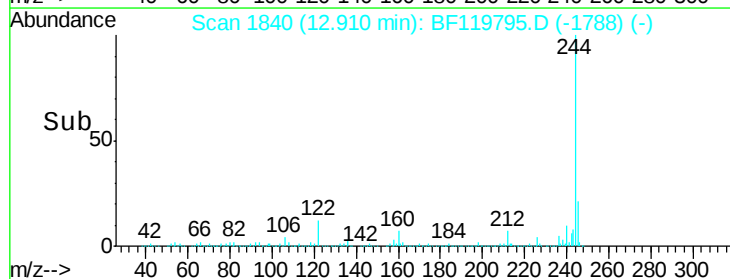
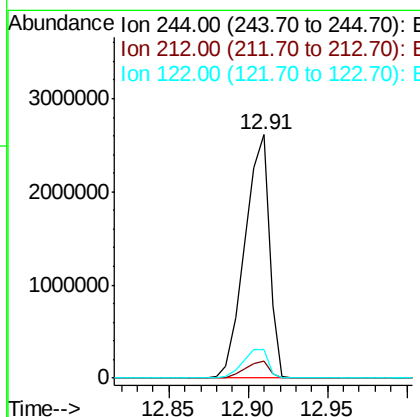
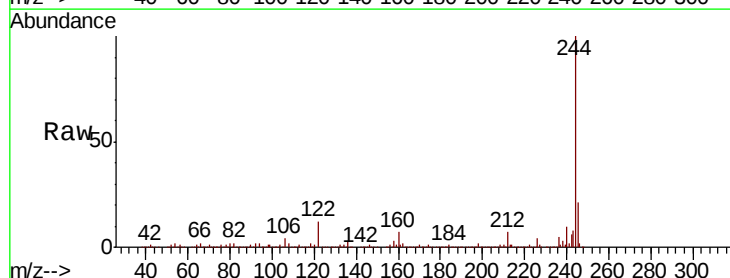
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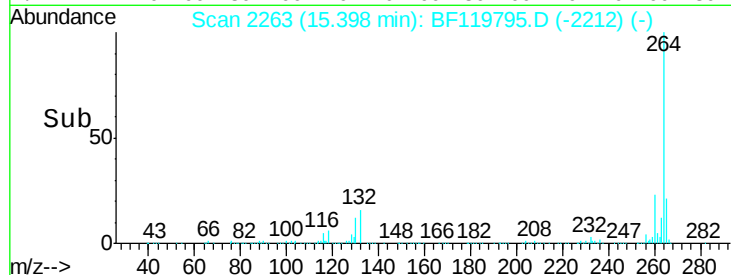
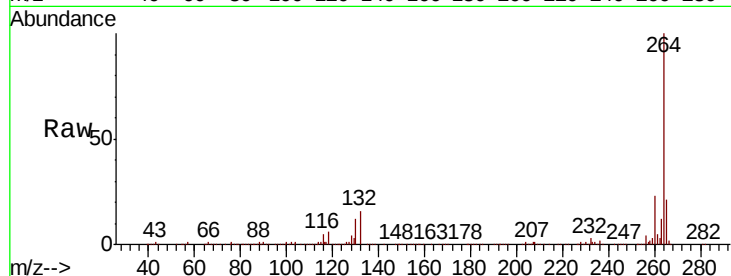
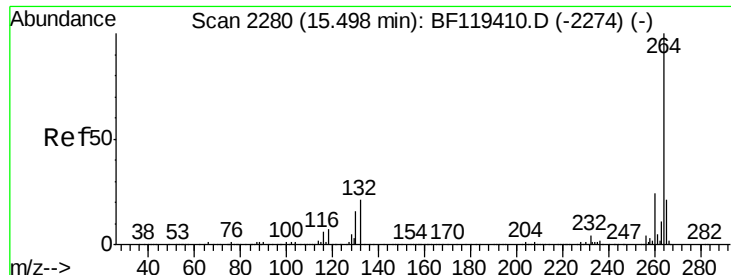
Tot Ion:240 Resp: 533290
 Ion Ratio Lower Upper
 240 100
 120 11.0 10.6 15.8
 236 25.4 20.2 30.2



#79
 Terphenyl-d14
 Concen: 103.001 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF119795.D
 Acq: 7 Apr 2020 2:40

Tgt Ion:244 Resp: 2803644
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 11.6 10.3 15.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.00 min
Lab File: BF119795.D
Acq: 7 Apr 2020 2:40

Instrument :
BNA_F
ClientSampleId :
2-4-1

Tot Ion:	264	Resp:	517491
Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.7	28.1
265	20.9	17.7	26.5

