

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 03:12:10 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

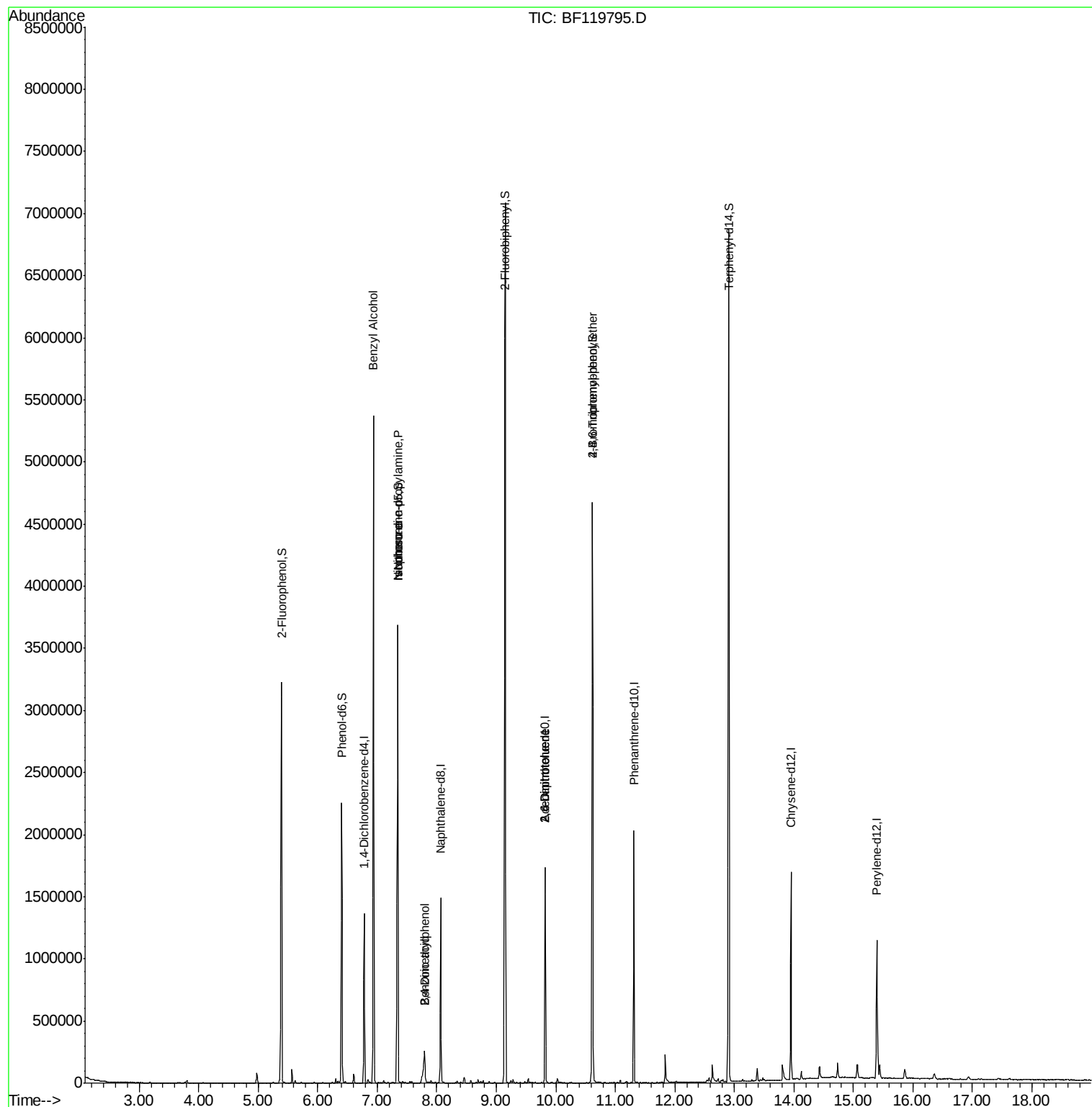
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.94	79	22418	2.02	ng	# 51
19) n-Nitroso-di-n-propylamine	7.35	70	176896	19.86	ng	# 75
25) Isophorone	7.35	82	1336718	51.06	ng	# 65
27) 2,4-Dimethylphenol	7.80	122	94023	8.37	ng	# 5
32) Benzoic acid	7.80	122	94023	13.02	ng	93
51) 2,6-Dinitrotoluene	9.82	165	47734	8.73	ng	# 26
57) 2,4-Dinitrotoluene	9.82	165	47734	6.93	ng	# 20
67) 4-Bromophenyl-phenylether	10.62	248	38246	4.89	ng	# 1

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

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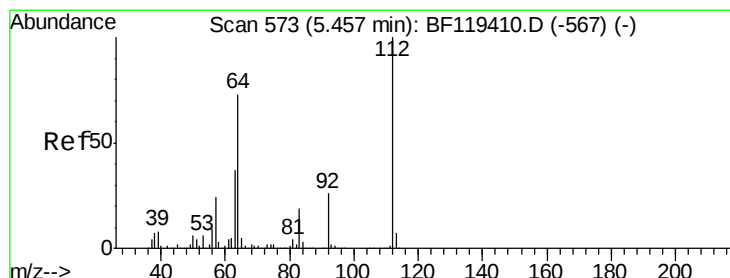
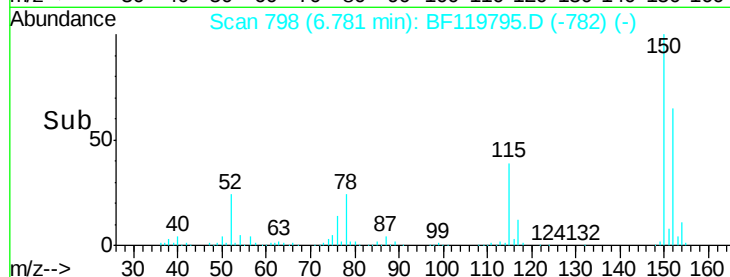
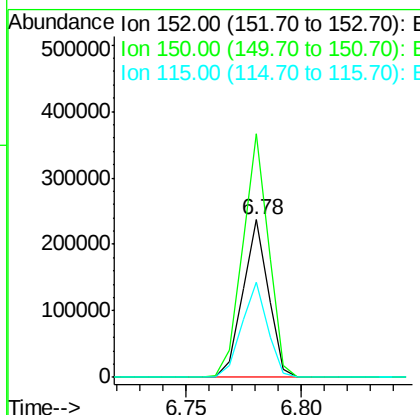
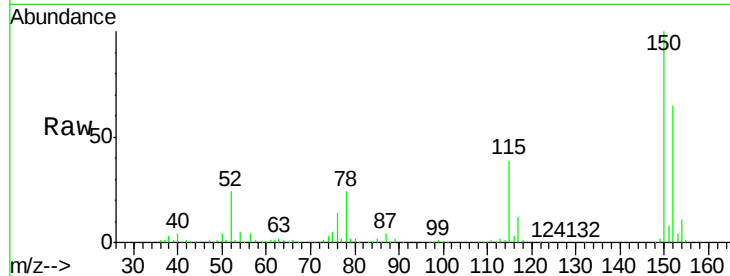




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF119795.D
 Acq: 7 Apr 2020 2:40

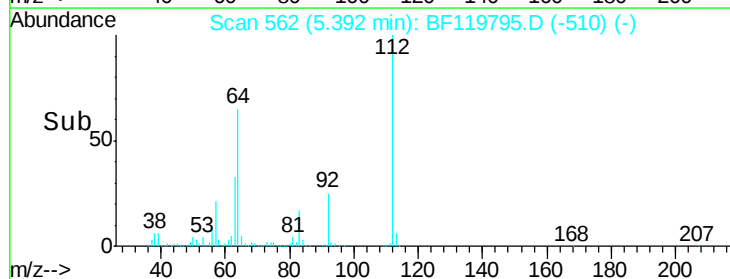
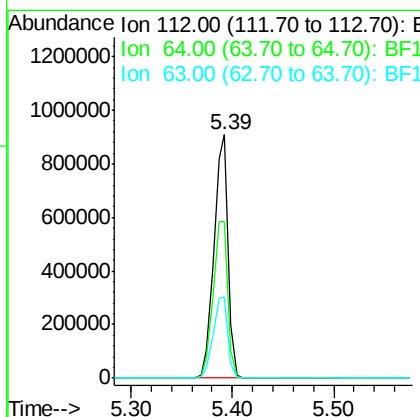
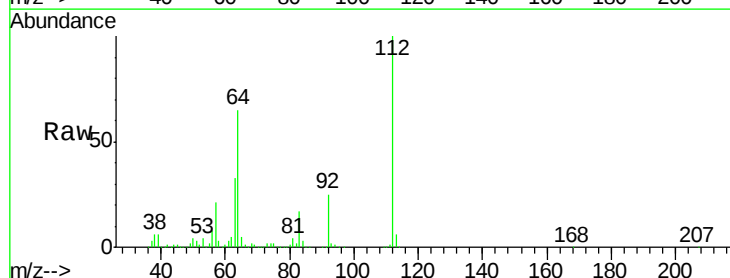
Instrument :
 BNA_F
 ClientSampled :
 2-4-1

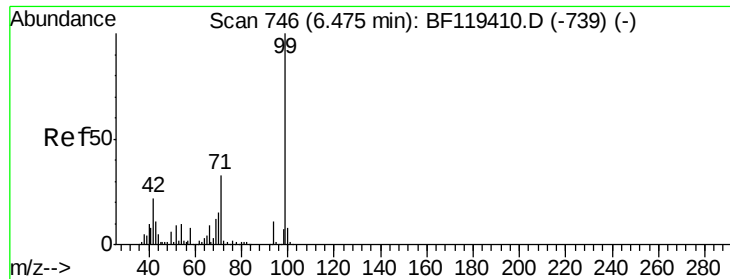
Tgt Ion:152 Resp: 184141
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.5 186.7
 115 60.6 49.6 74.4



#5
 2-Fluorophenol
 Concen: 75.54 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





#7

Phenol-d6

Concen: 48.19 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

ClientSampled :

2-4-1

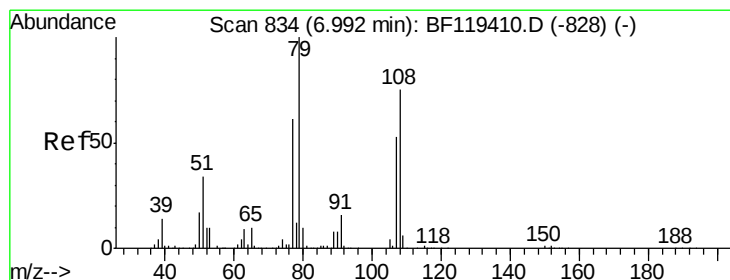
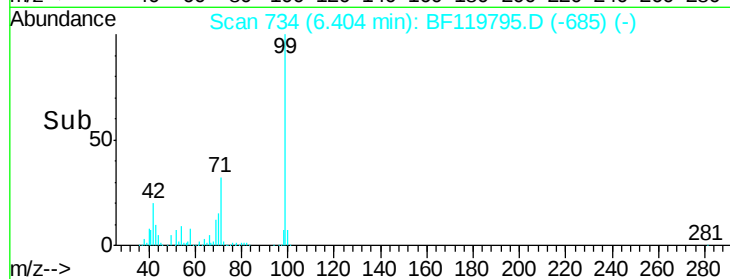
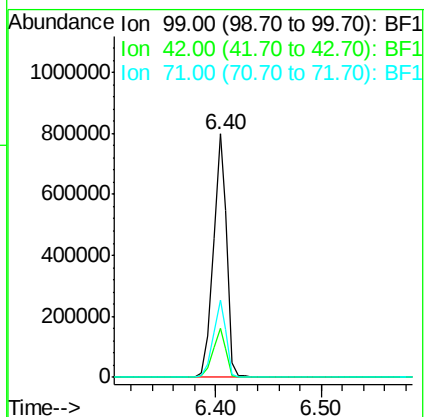
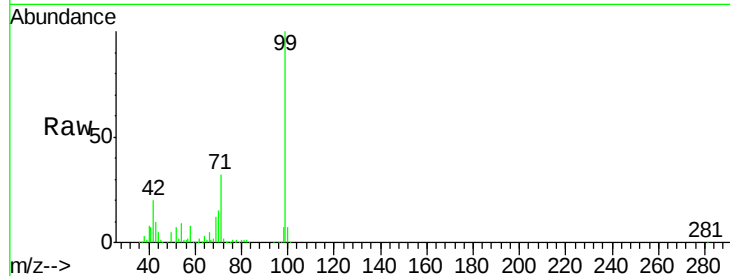
Tgt Ion: 99 Resp: 712046

Ion Ratio Lower Upper

99 100

42 20.0 16.6 24.8

71 31.8 26.4 39.6



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.01 min

Lab File: BF119795.D

Acq: 7 Apr 2020 2:40

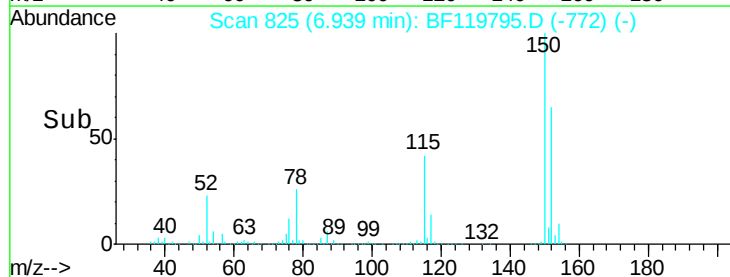
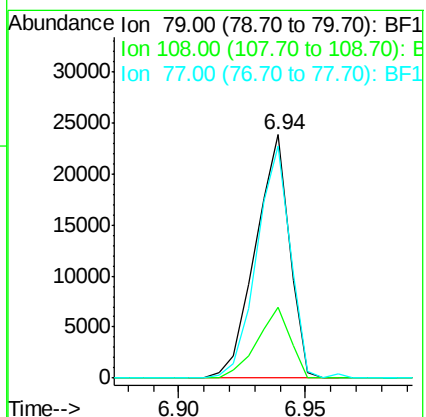
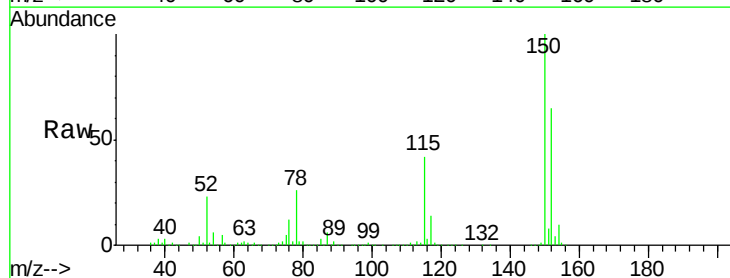
Tgt Ion: 79 Resp: 22418

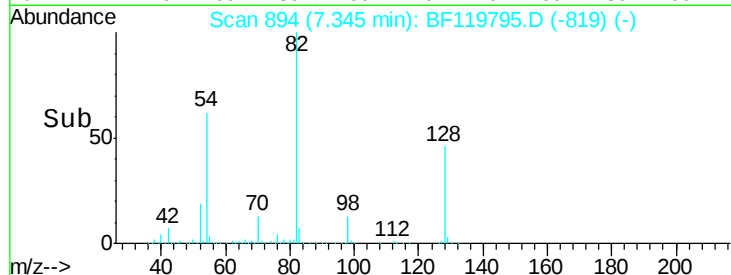
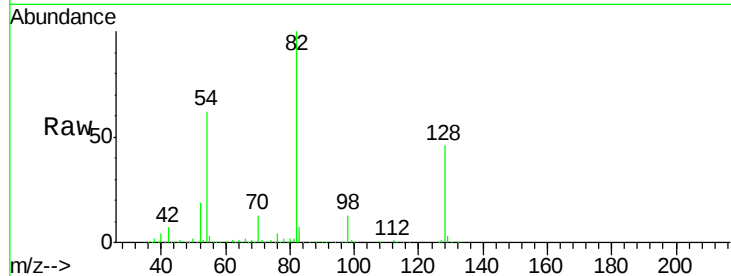
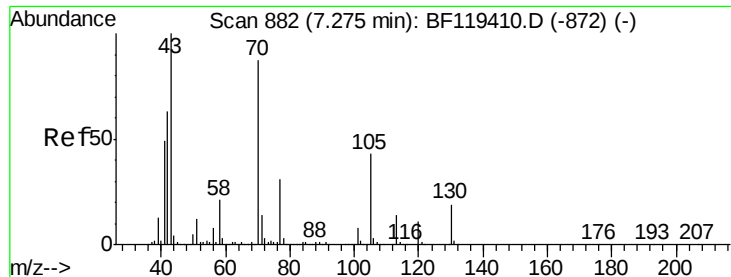
Ion Ratio Lower Upper

79 100

108 29.3 60.6 90.8#

77 95.1 50.2 75.2#

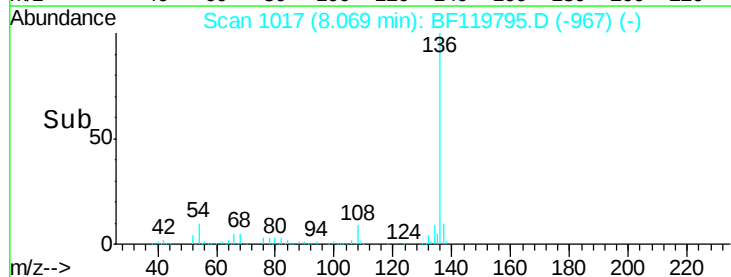
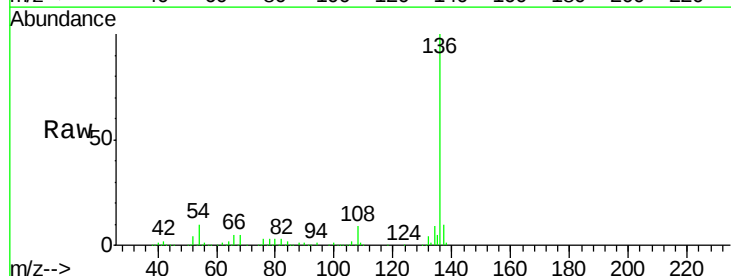
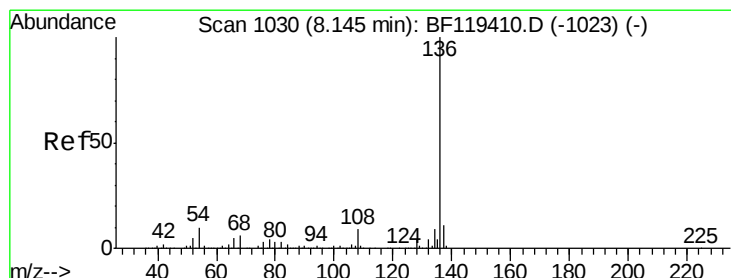
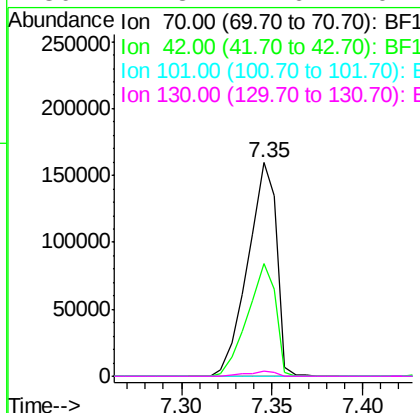




#19
n-Nitroso-di-n-propylamine
Concen: 19.86 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BF119795.D
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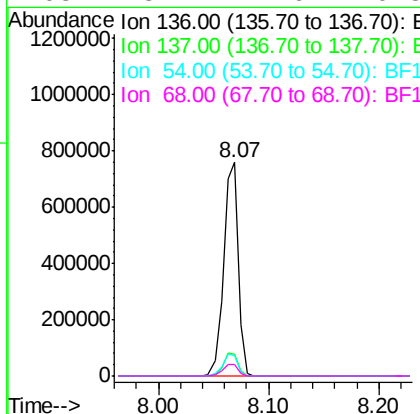
Instrument :
BNA_F
ClientSampled :
2-4-1

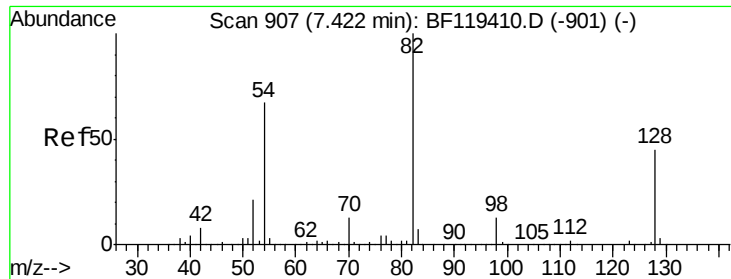
Tgt Ion:	70	Resp:	176896
Ion	Ratio	Lower	Upper
70	100		
42	52.9	54.5	81.7#
101	0.0	7.6	11.4#
130	2.3	17.6	26.4#



#21
Naphthalene-d8
Concen: 20.00 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

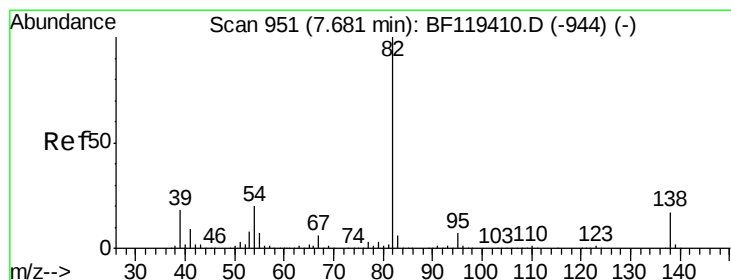
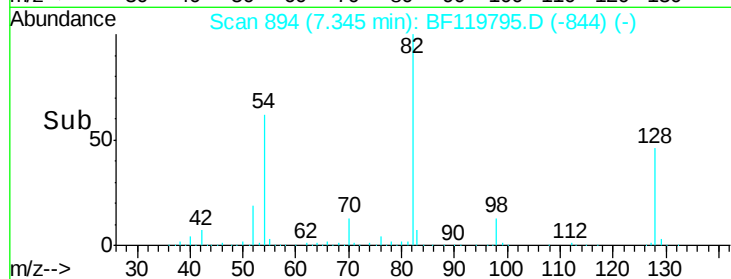
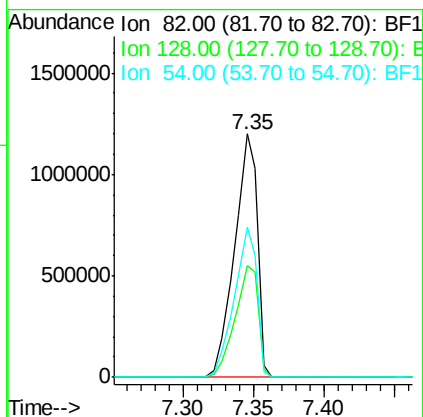
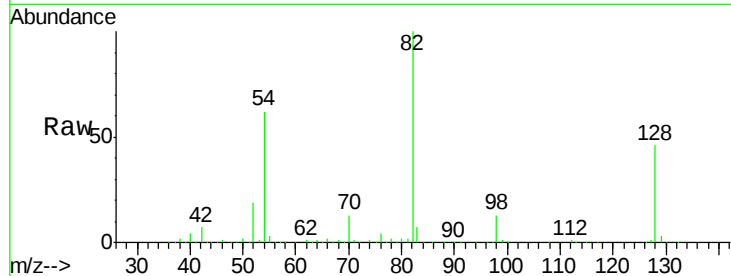




#23
 Nitrobenzene-d5
 Concen: 103.88 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF119795.D
 Acq: 7 Apr 2020 2:40

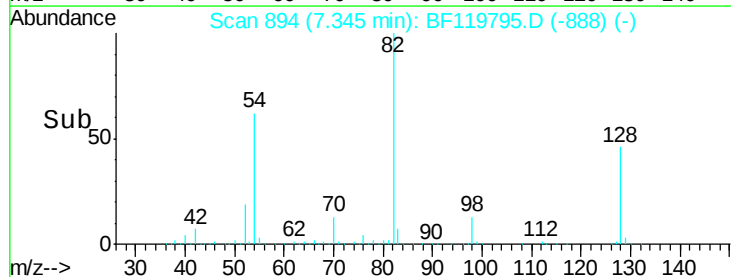
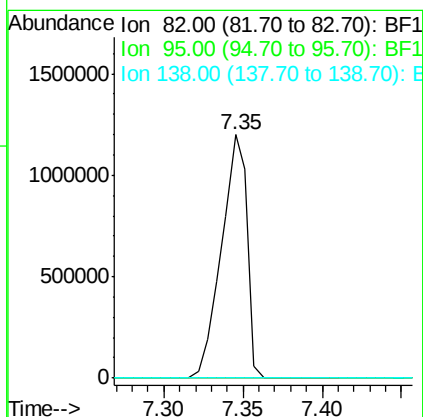
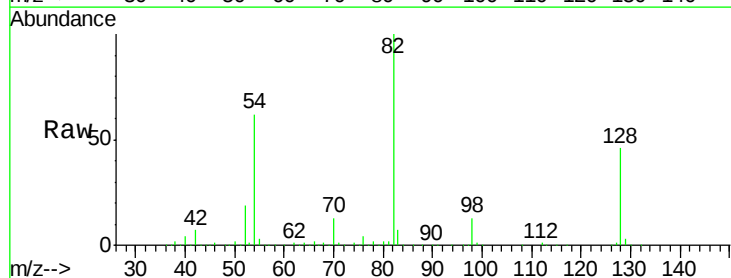
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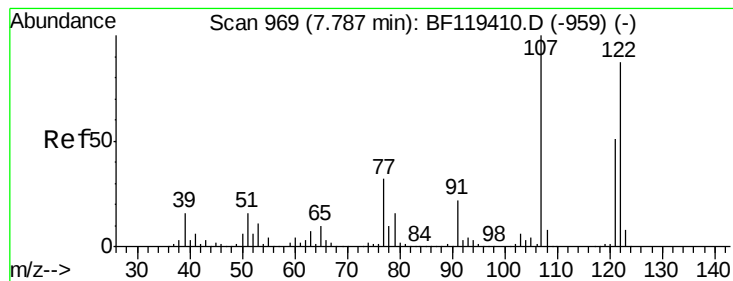
Tgt Ion: 82 Resp: 1340583
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.3 54.5
 54 61.6 50.6 75.8



#25
 Isophorone
 Concen: 51.06 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.26 min
 Lab File: BF119795.D
 Acq: 7 Apr 2020 2:40

Tgt Ion: 82 Resp: 1336718
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.8 8.6#
 138 0.0 14.6 21.8#

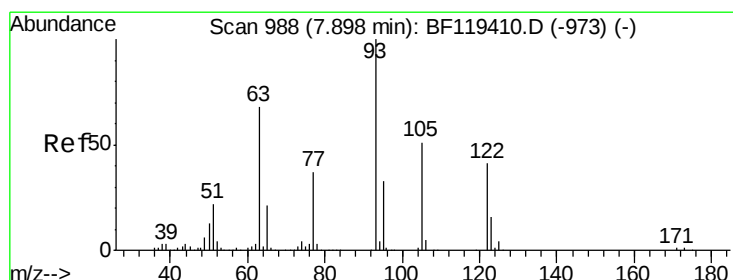
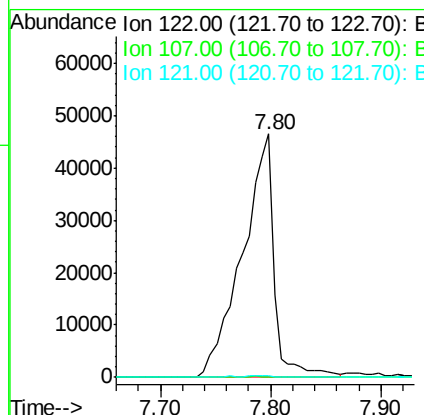
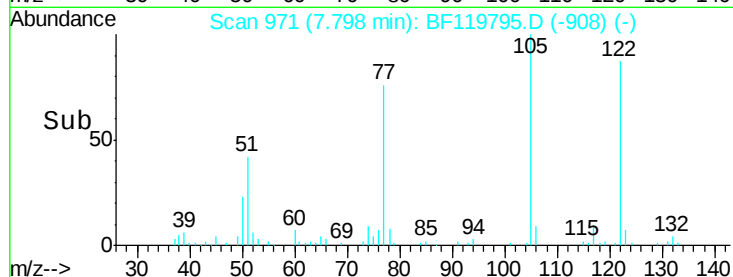
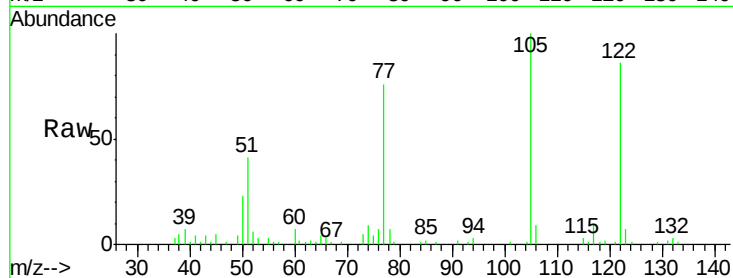




#27
2,4-Dimethylphenol
Concen: 8.37 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.07 min
Lab File: BF119795.D
Acq: 7 Apr 2020 2:40

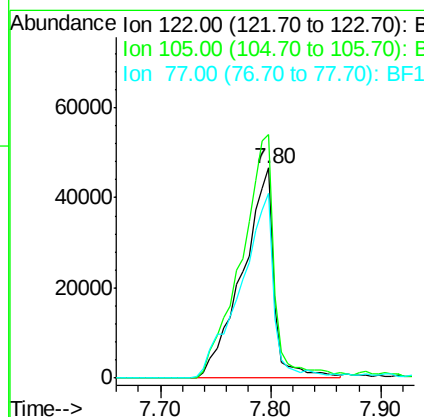
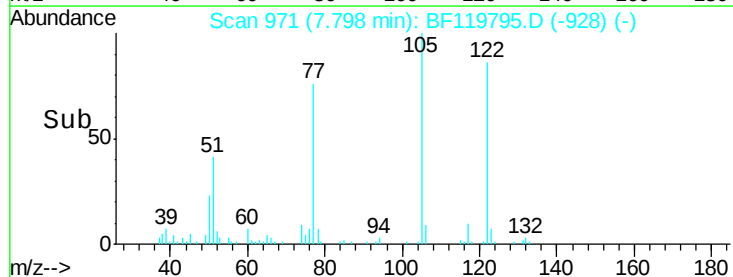
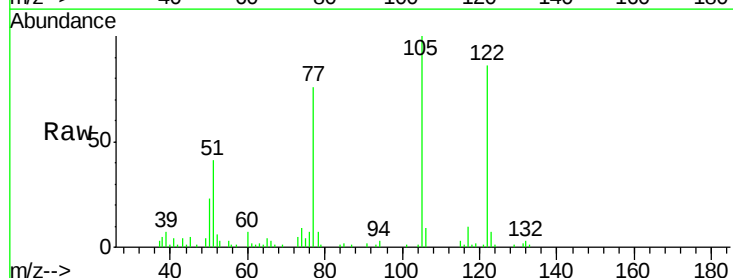
Instrument :
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ClientSampleId :
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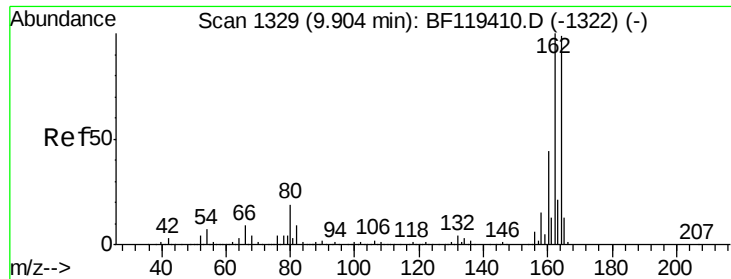
Tgt Ion:122 Resp: 94023
Ion Ratio Lower Upper
122 100
107 0.0 89.0 133.6#
121 0.8 46.7 70.1#



#32
Benzoic acid
Concen: 13.02 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

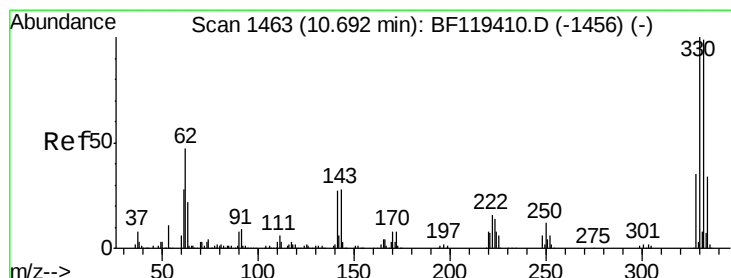
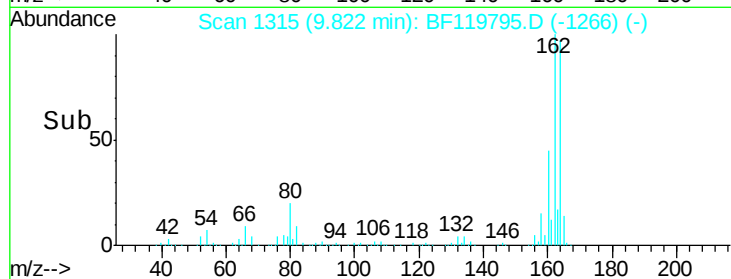
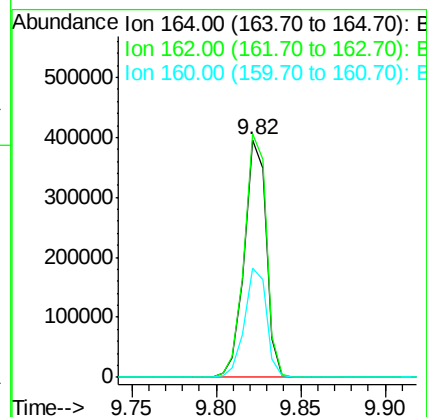
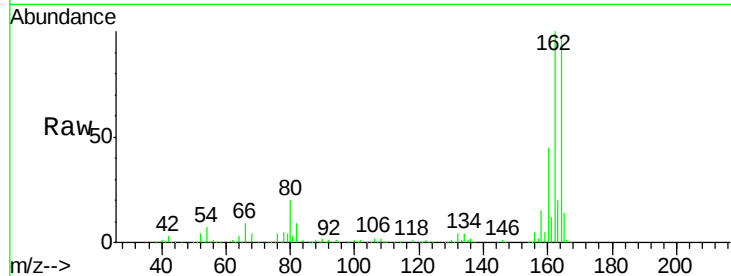




#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF119795.D
 Acq: 7 Apr 2020 2:40

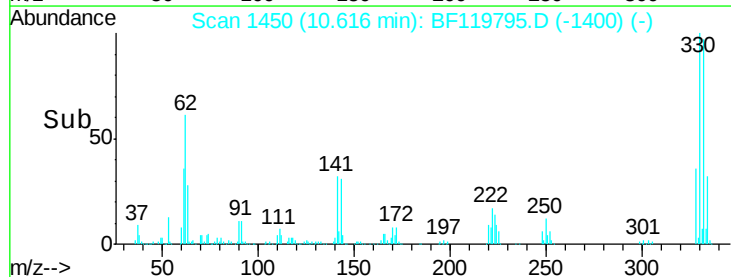
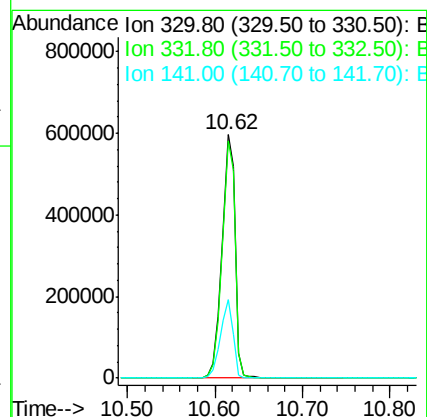
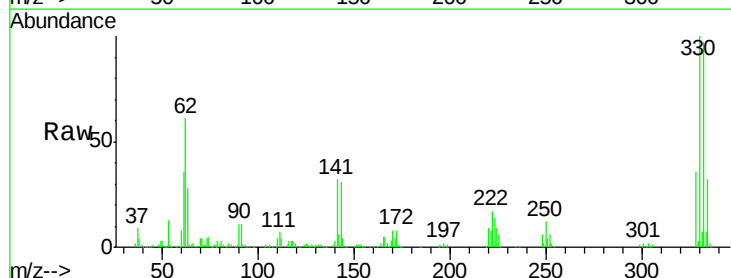
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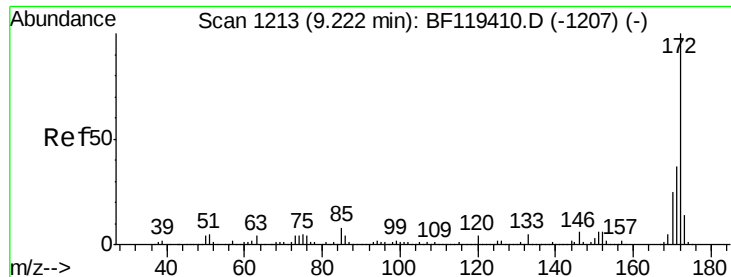
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.6	121.0
160	46.2	35.7	53.5



#42
 2,4,6-Tribromophenol
 Concen: 169.12 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	Ratio	Lower	Upper
330	100		
332	96.6	75.7	113.5
141	31.1	25.4	38.0

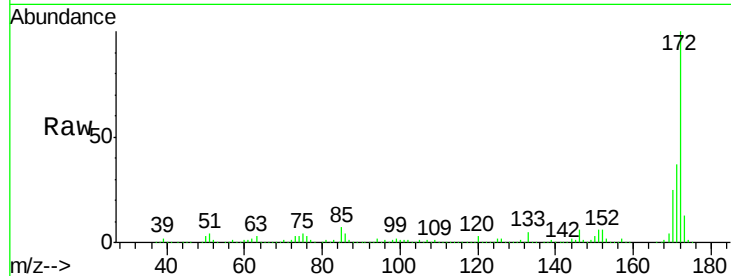




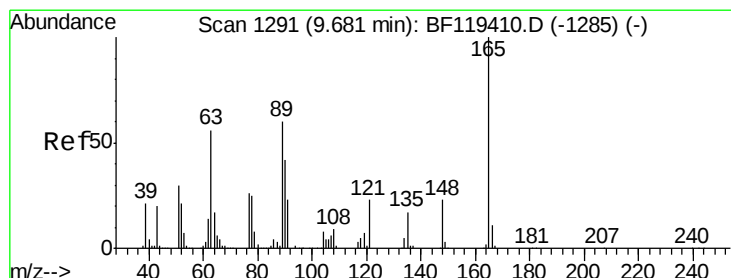
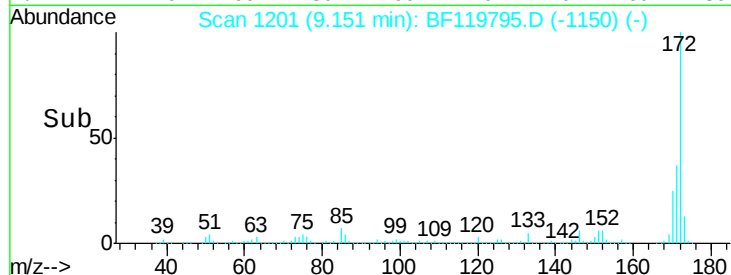
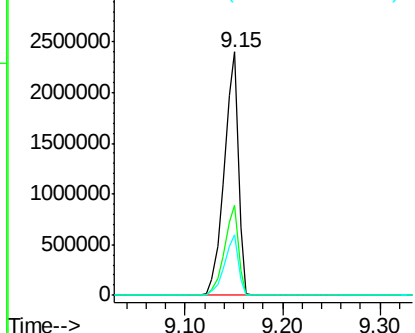
#45
 2-Fluorobiphenyl
 Concen: 99.76 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF119795.D
 Acq: 7 Apr 2020 2:40

Instrument :
 BNA_F
 ClientSampleId :
 2-4-1

Tgt Ion:172 Resp: 2417353
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 24.6 20.2 30.2

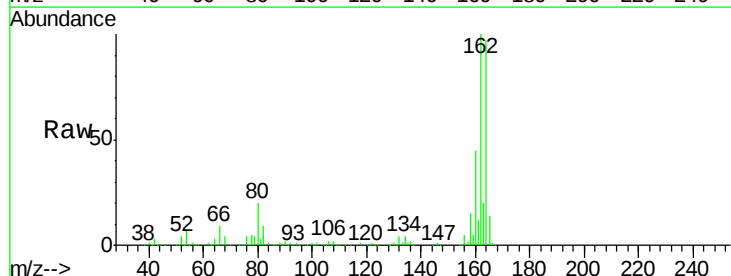


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

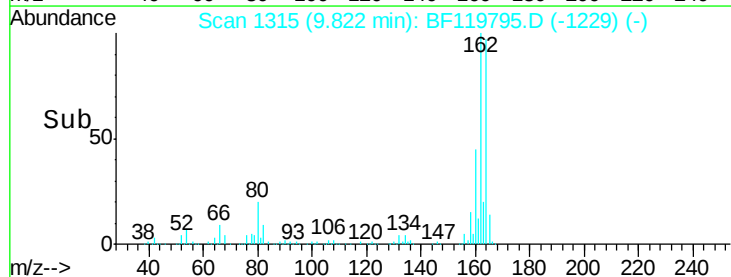
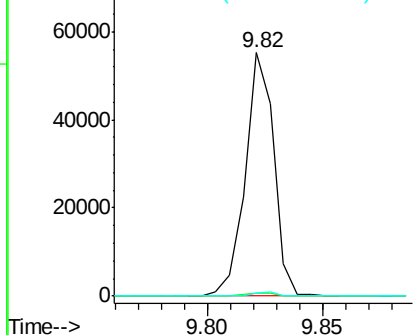


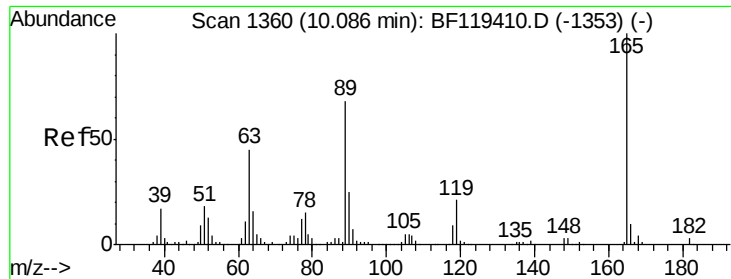
#51
 2,6-Dinitrotoluene
 Concen: 8.73 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.21 min
 Lab File: BF119795.D
 Acq: 7 Apr 2020 2:40

Tgt Ion:165 Resp: 47734
 Ion Ratio Lower Upper
 165 100
 63 1.0 45.0 67.4#
 89 1.2 41.5 62.3#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

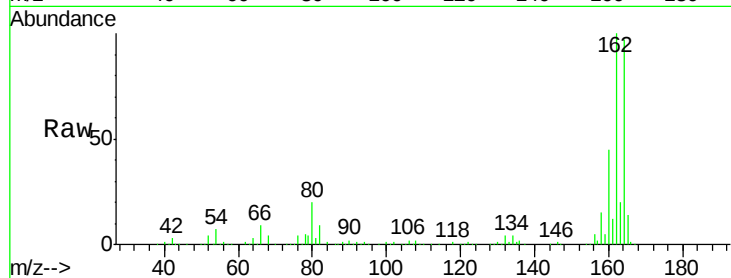




#57
 2,4-Dinitrotoluene
 Concen: 6.93 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.19 min
 Lab File: BF119795.D
 Acq: 7 Apr 2020 2:40

Instrument :
 BNA_F
 ClientSampleId :
 2-4-1

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	42.6	64.0#
89	1.2	61.0	91.4#
182	0.0	2.2	3.2#

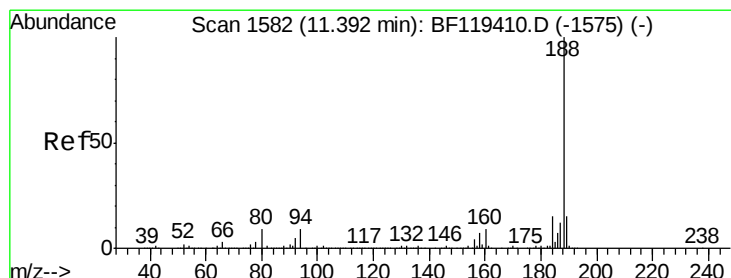
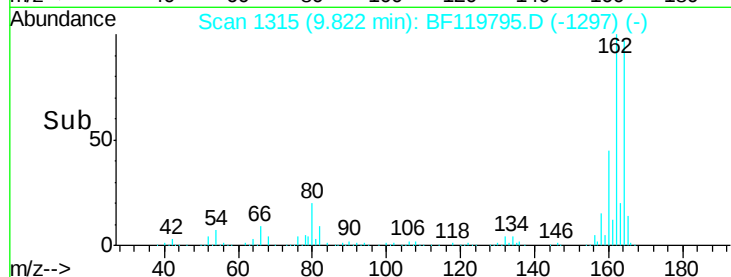
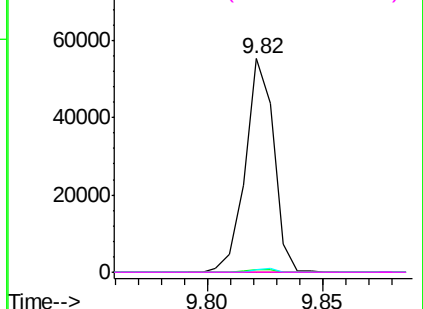


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

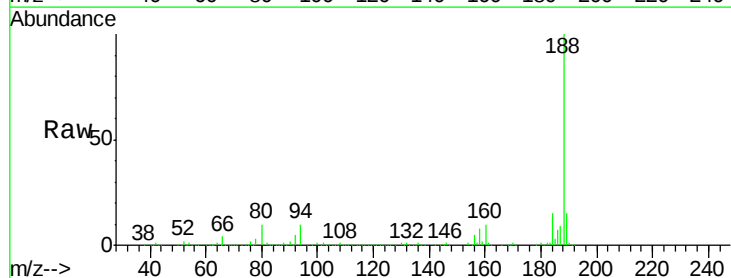
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF119795.D
 Acq: 7 Apr 2020 2:40

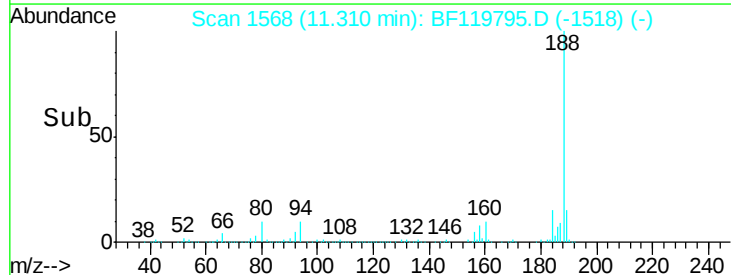
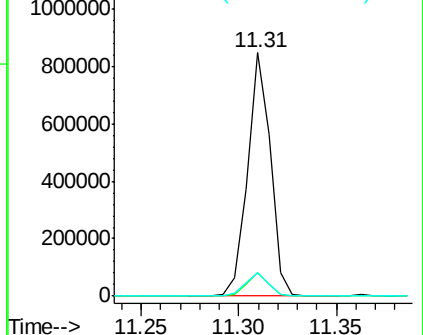
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.5	11.3
80	9.8	9.0	13.4

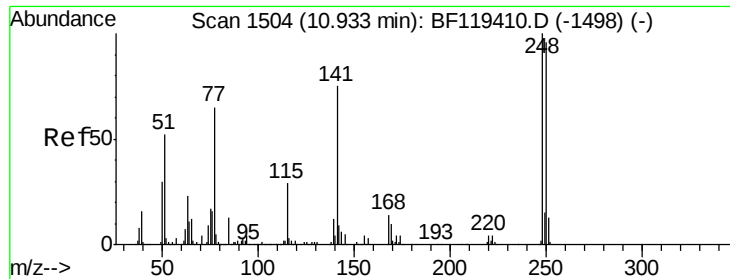


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

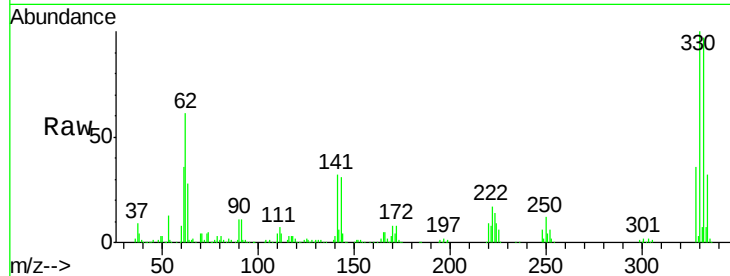




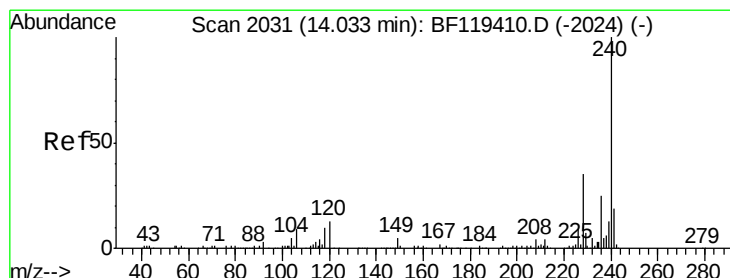
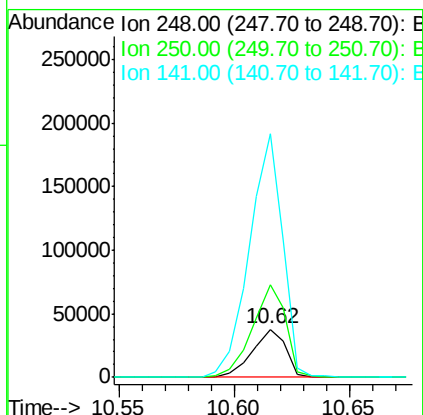
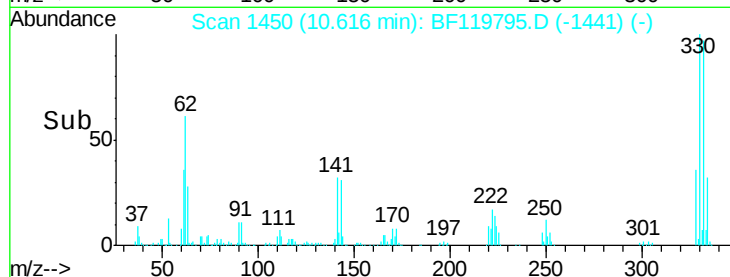
#67
 4-Bromophenyl-phenylether
 Concen: 4.89 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF119795.D
 Acq: 7 Apr 2020 2:40

Instrument :
 BNA_F
 ClientSampleId :
 2-4-1

Tgt Ion:248 Resp: 38246
 Ion Ratio Lower Upper
 248 100
 250 192.7 77.3 115.9#
 141 508.9 58.6 87.8#

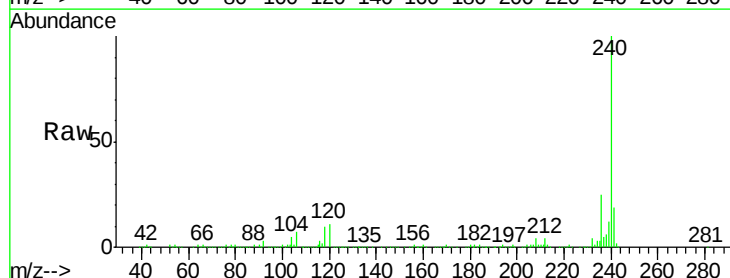


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

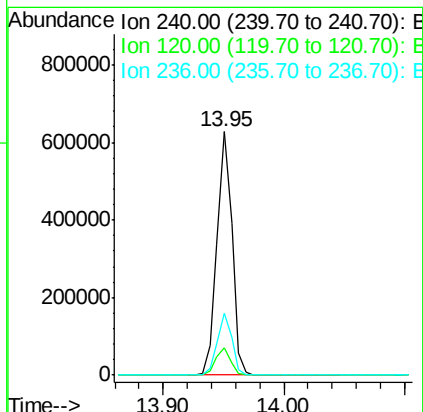
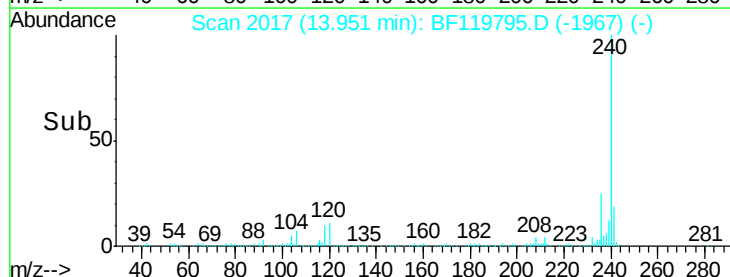


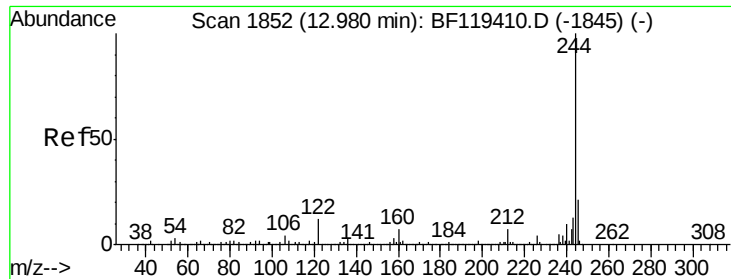
#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF119795.D
 Acq: 7 Apr 2020 2:40

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



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 103.00 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF119795.D

Acq: 7 Apr 2020 2:40

Instrument :

BNA_F

ClientSampleId :

2-4-1

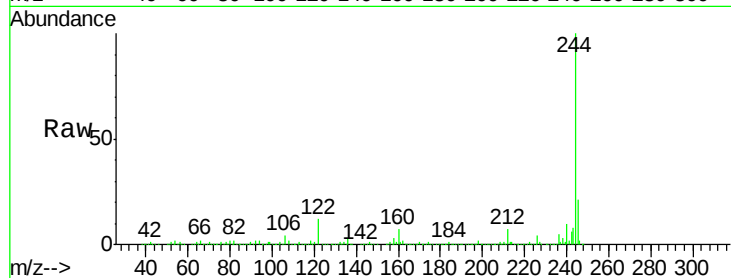
Tgt Ion:244 Resp: 2803644

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

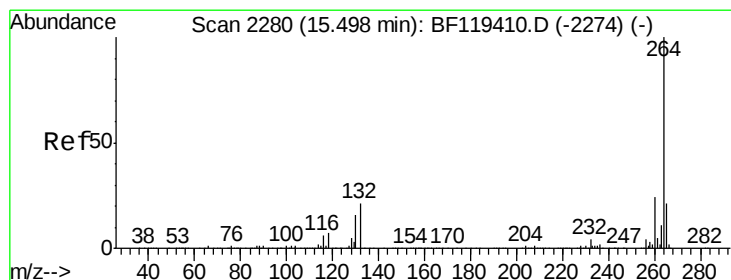
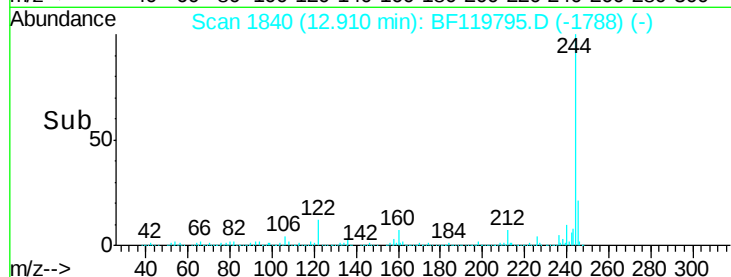
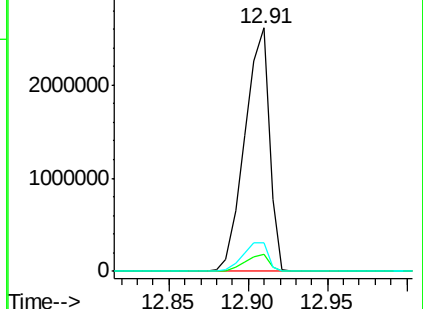
122 11.6 10.3 15.5



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: 20.00 ng

RT: 15.40 min Scan# 2263

Delta R.T. -0.00 min

Lab File: BF119795.D

Acq: 7 Apr 2020 2:40

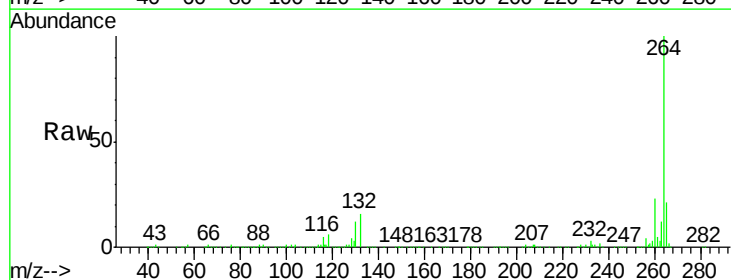
Tgt Ion:264 Resp: 517491

Ion Ratio Lower Upper

264 100

260 22.6 18.7 28.1

265 20.9 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

