

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081522\
 Data File : BF129785.D
 Acq On : 15 Aug 2022 17:34
 Operator : CG\JU
 Sample : N4200-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S1

Quant Time: Aug 16 03:15:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

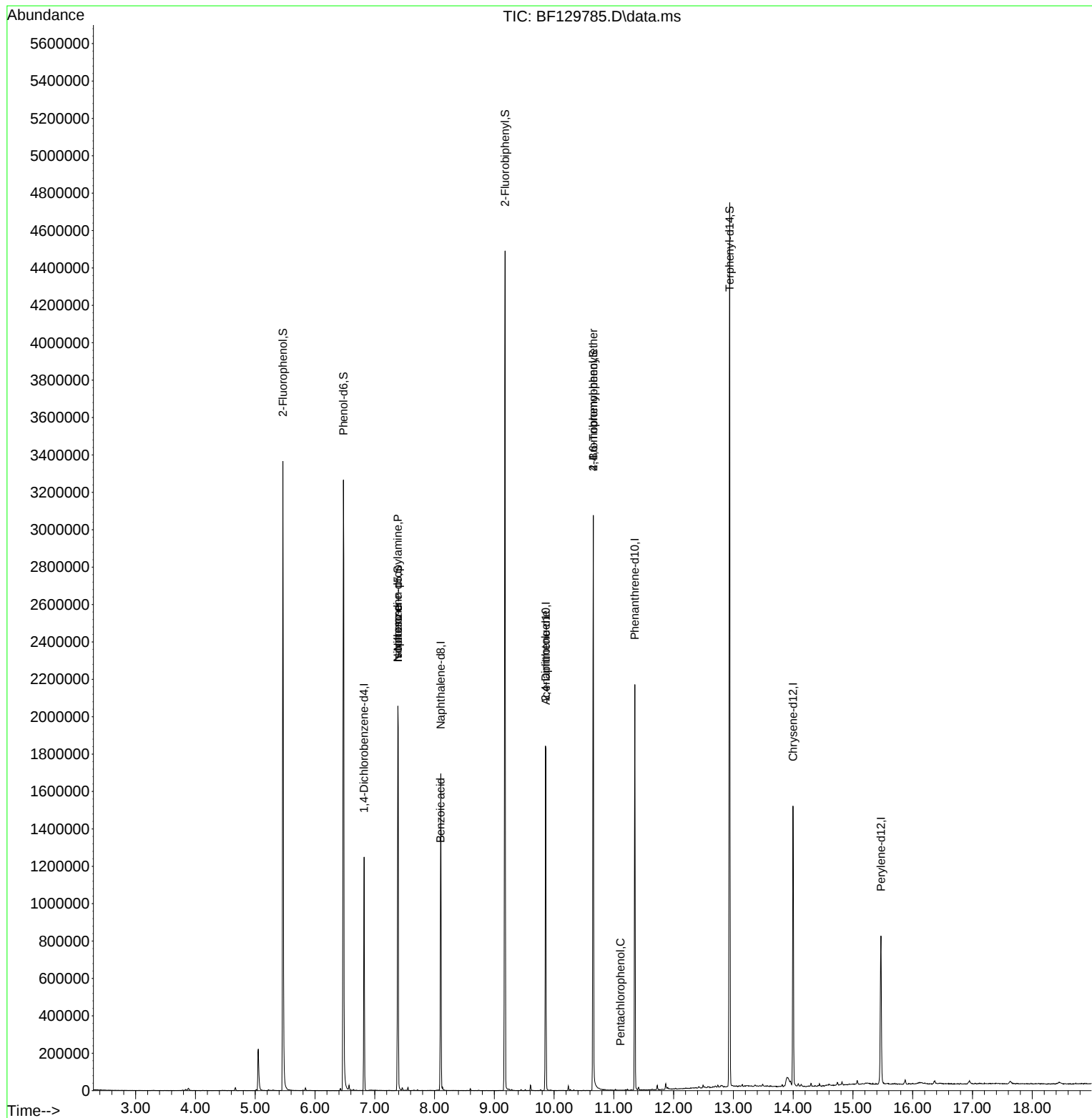
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	174103	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	721349	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	397817	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	705925	20.000	ng	0.00
76) Chrysene-d12	13.998	240	476324	20.000	ng	0.00
86) Perylene-d12	15.468	264	351677	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	917986	87.299	ng	0.00
7) Phenol-d6	6.475	99	1189143	90.304	ng	0.00
23) Nitrobenzene-d5	7.386	82	730534	54.213	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	363758	91.106	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1414446	54.001	ng	0.00
79) Terphenyl-d14	12.939	244	1577189	55.096	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.445	77	59	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.386	70	96865	11.638	ng	# 75
25) Isophorone	7.386	82	730527	31.498	ng	# 65
32) Benzoic acid	8.098	122	141	2.192	ng	# 1
57) 2,4-Dinitrotoluene	9.857	165	52490	6.536	ng	# 17
67) 4-Bromophenyl-phenylether	10.657	248	22516	2.723	ng	# 1
70) Pentachlorophenol	11.110	266	54	5.200	ng	# 20
77) Benzidine	12.698	184	3658	Below Cal	#	93

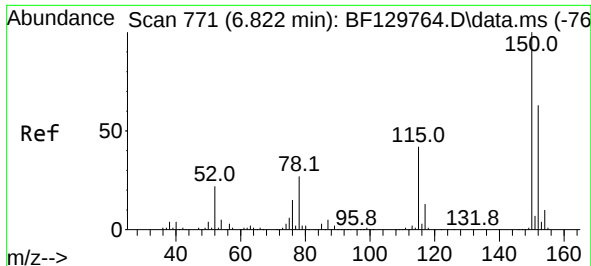
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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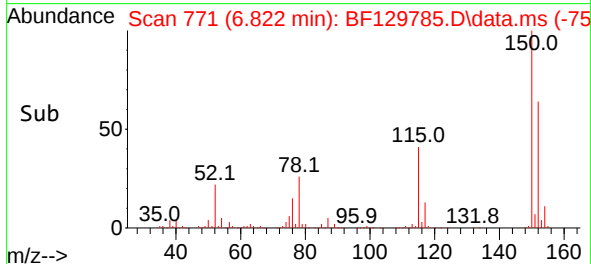
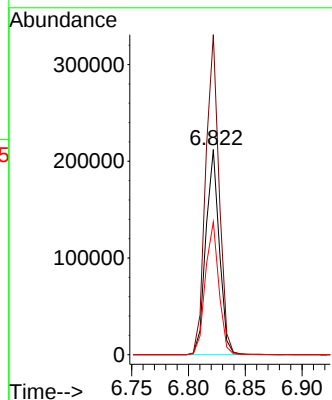
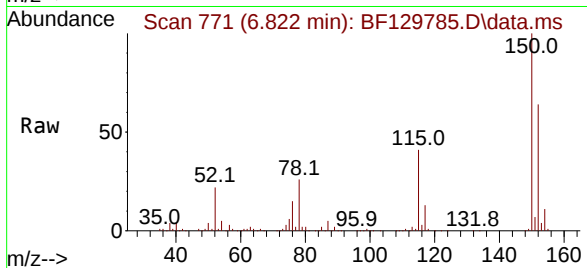




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129785.D
Acq: 15 Aug 2022 17:34

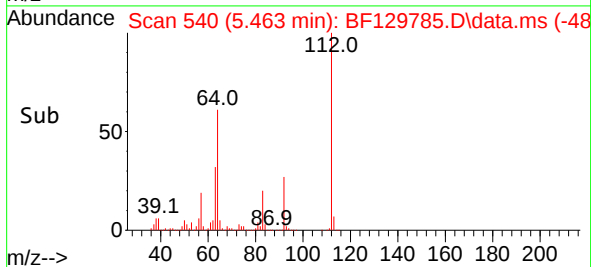
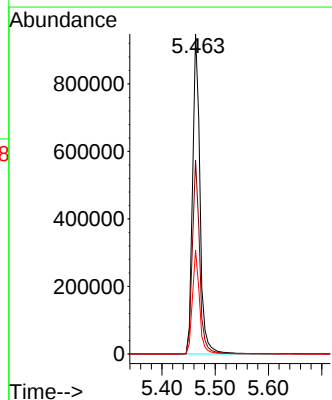
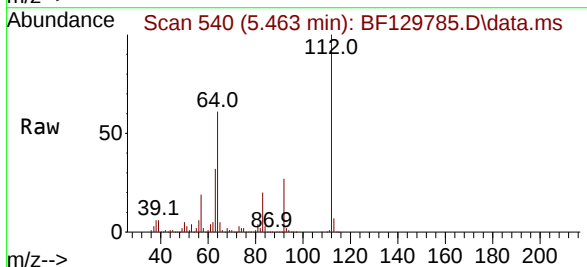
Instrument :
BNA_F
ClientSampleId :
S1

Tgt Ion:152 Resp: 174103
Ion Ratio Lower Upper
152 100
150 156.1 126.9 190.3
115 64.7 53.4 80.0



#5
2-Fluorophenol
Concen: 87.299 ng
RT: 5.463 min Scan# 540
Delta R.T. -0.000 min
Lab File: BF129785.D
Acq: 15 Aug 2022 17:34

Tgt Ion:112 Resp: 917986
Ion Ratio Lower Upper
112 100
64 60.6 47.6 71.4
63 32.4 24.6 37.0

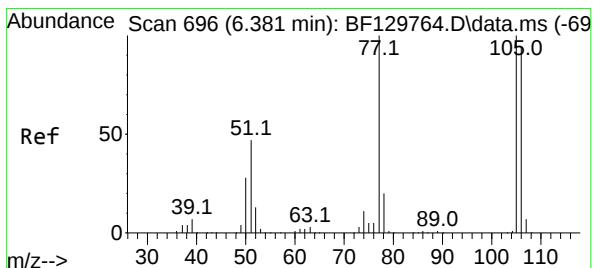
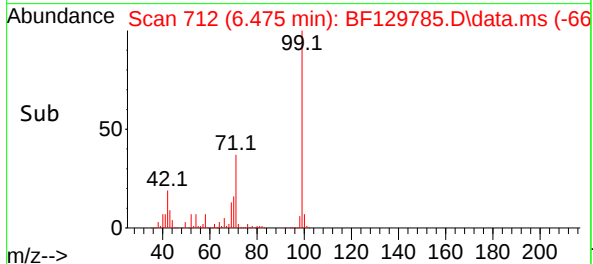
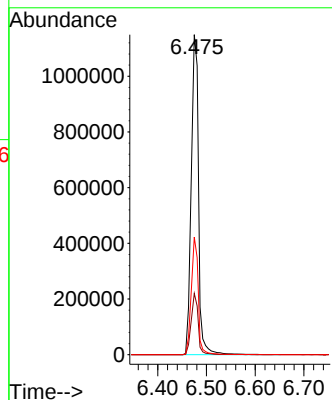
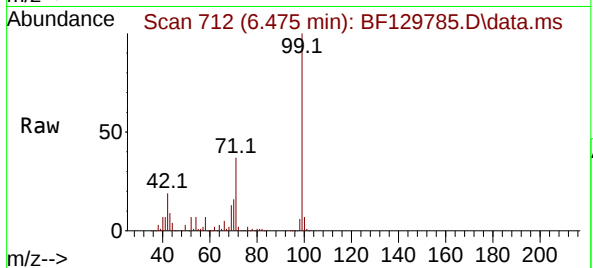




#7
Phenol-d6
Concen: 90.304 ng
RT: 6.475 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF129785.D
Acq: 15 Aug 2022 17:34

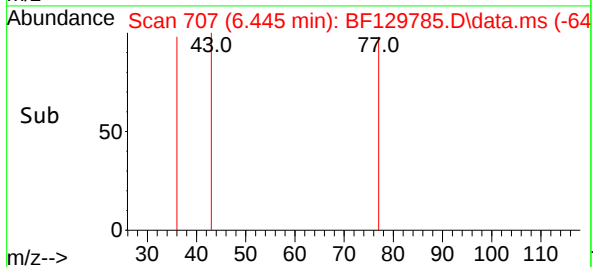
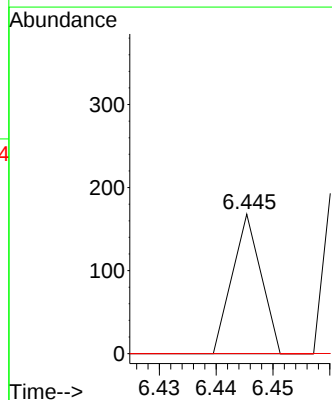
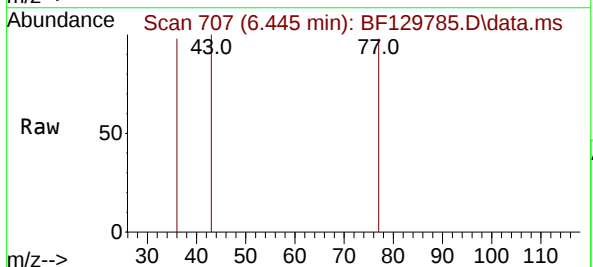
Instrument :
BNA_F
ClientSampleId :
S1

Tgt Ion: 99 Resp: 1189143
Ion Ratio Lower Upper
99 100
42 19.2 15.0 22.4
71 36.8 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.445 min Scan# 707
Delta R.T. 0.064 min
Lab File: BF129785.D
Acq: 15 Aug 2022 17:34

Tgt Ion: 77 Resp: 59
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

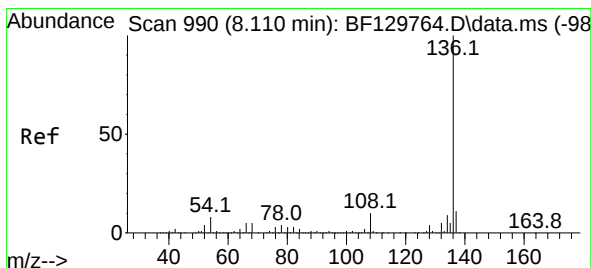
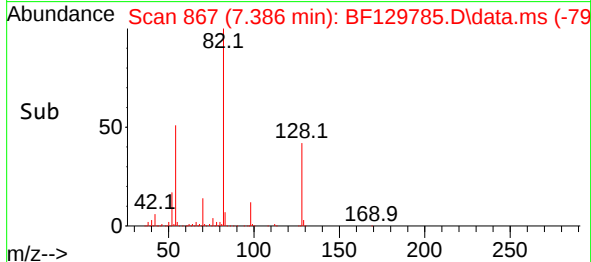
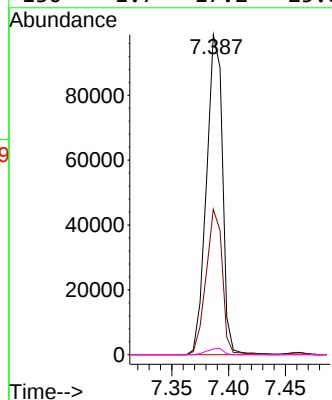
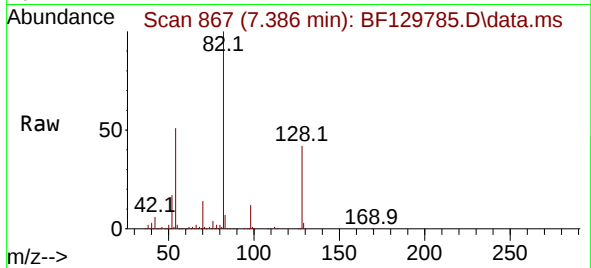




#19
n-Nitroso-di-n-propylamine
Concen: 11.638 ng
RT: 7.386 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129785.D
Acq: 15 Aug 2022 17:34

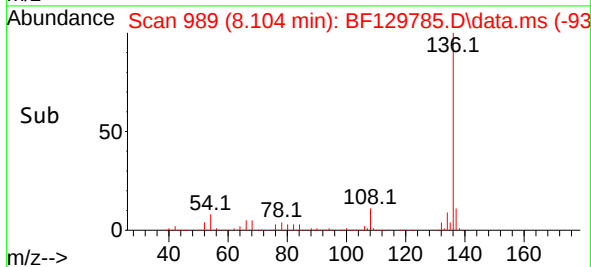
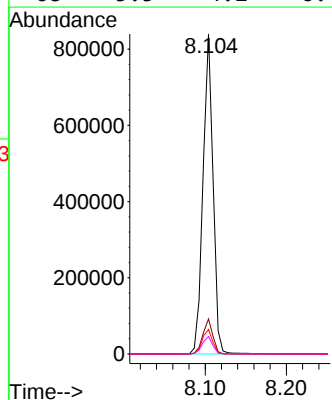
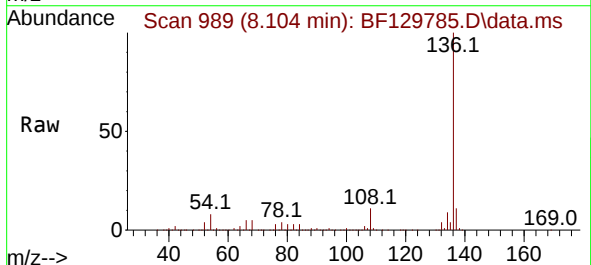
Instrument :
BNA_F
ClientSampleId :
S1

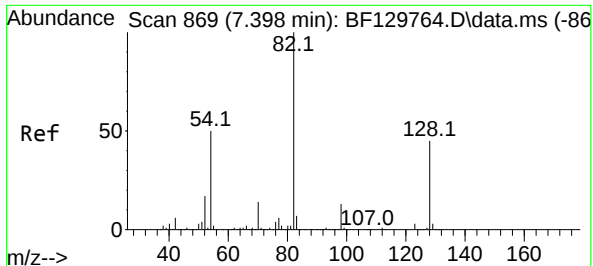
Tgt Ion: 70 Resp: 96865
Ion Ratio Lower Upper
70 100
42 45.5 47.6 71.4#
101 0.0 8.1 12.1#
130 1.7 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129785.D
Acq: 15 Aug 2022 17:34

Tgt Ion:136 Resp: 721349
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.7 6.2 9.2
68 5.5 4.2 6.4

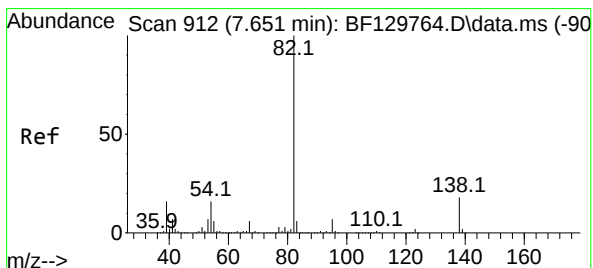
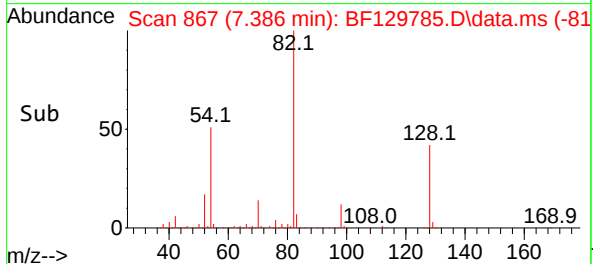
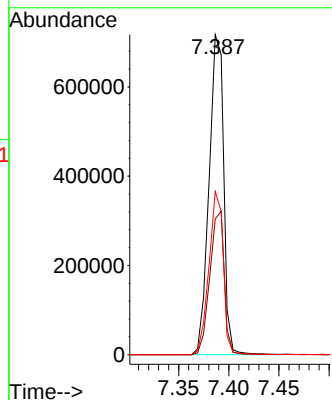
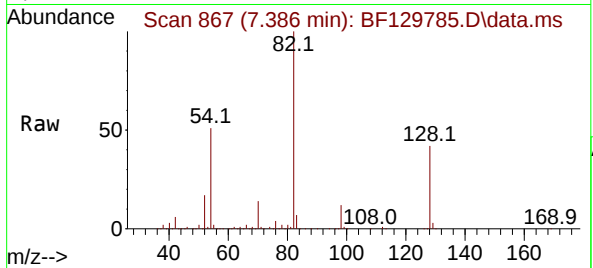




#23
Nitrobenzene-d5
Concen: 54.213 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF129785.D
Acq: 15 Aug 2022 17:34

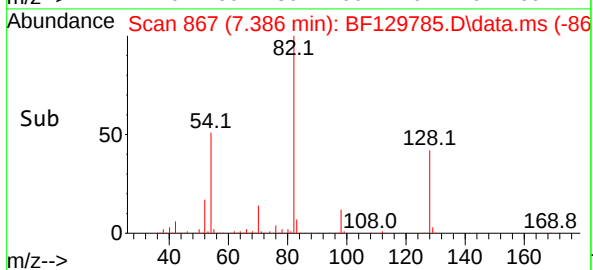
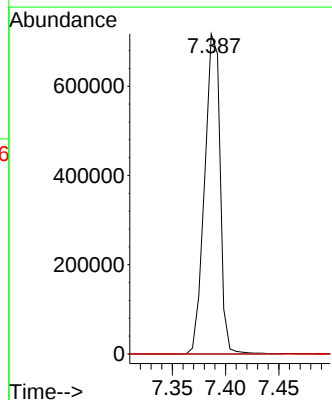
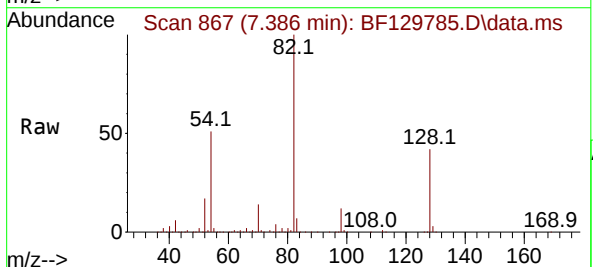
Instrument :
BNA_F
ClientSampleId :
S1

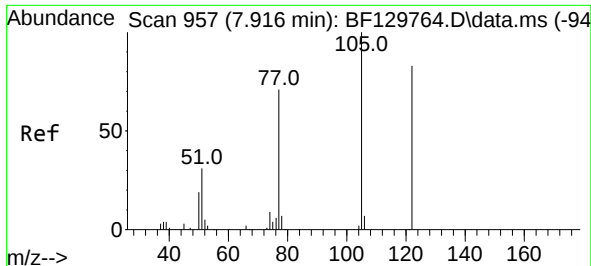
Tgt Ion: 82 Resp: 730534
Ion Ratio Lower Upper
82 100
128 42.4 36.1 54.1
54 51.0 40.0 60.0



#25
Isophorone
Concen: 31.498 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.265 min
Lab File: BF129785.D
Acq: 15 Aug 2022 17:34

Tgt Ion: 82 Resp: 730527
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

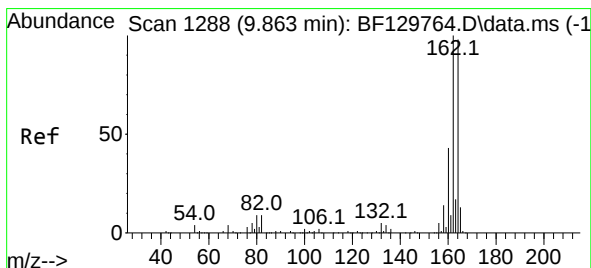
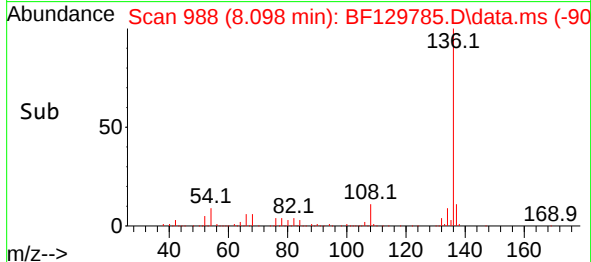
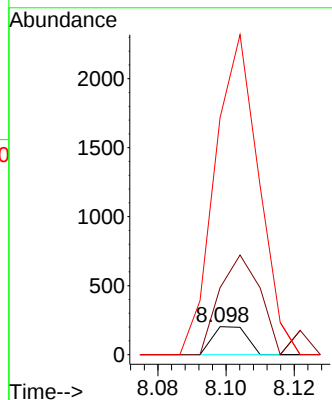
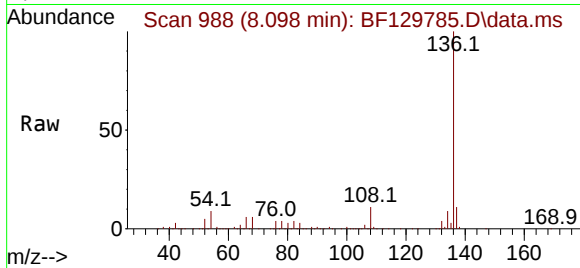




#32
Benzoic acid
Concen: 2.192 ng
RT: 8.098 min Scan# 91
Delta R.T. 0.182 min
Lab File: BF129785.D
Acq: 15 Aug 2022 17:34

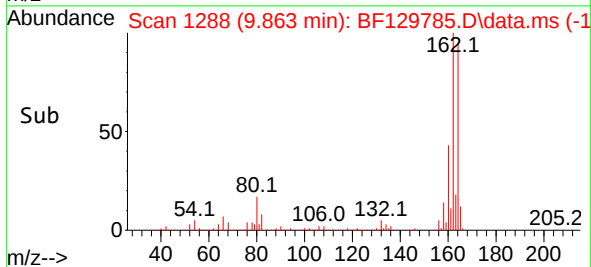
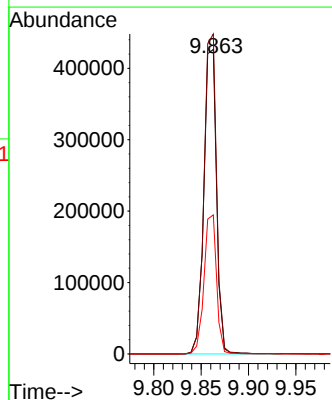
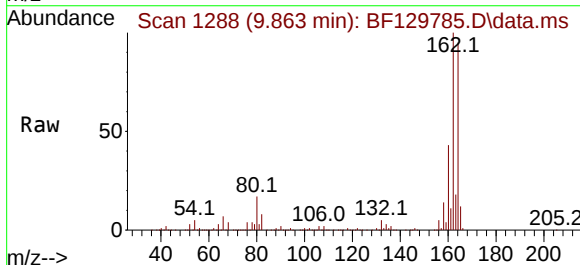
Instrument :
BNA_F
ClientSampleId :
S1

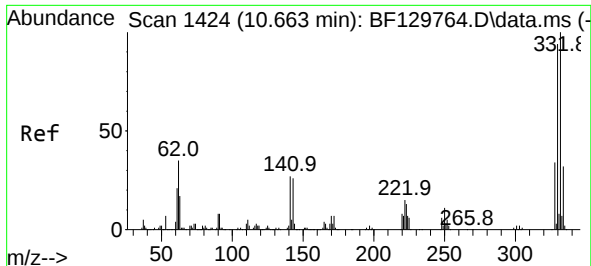
Tgt Ion	Ratio	Lower	Upper
122	100		
105	238.4	99.9	139.9#
77	845.3	65.9	105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF129785.D
Acq: 15 Aug 2022 17:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.0	123.0
160	45.7	35.4	53.0

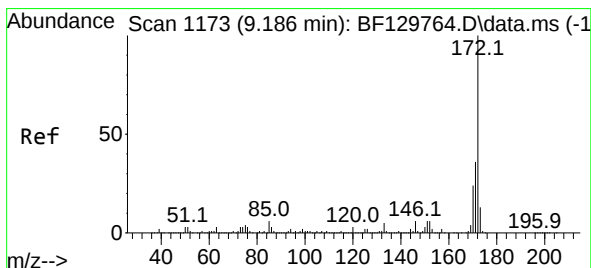
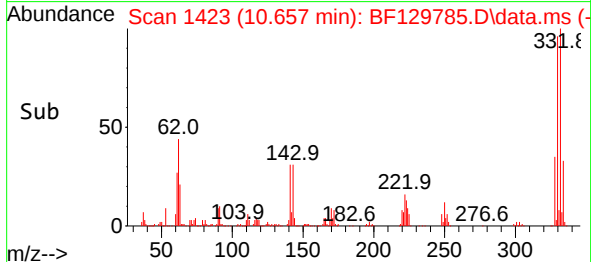
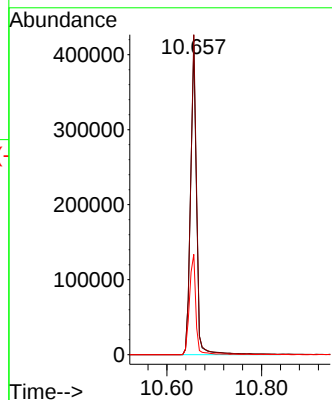
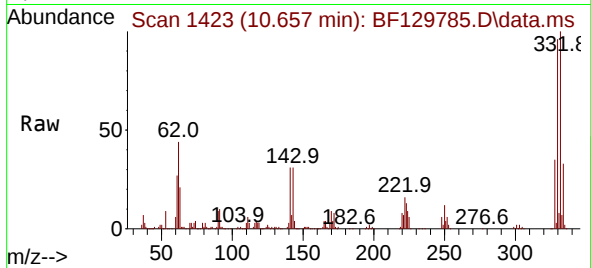




#42
2,4,6-Tribromophenol
Concen: 91.106 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF129785.D
Acq: 15 Aug 2022 17:34

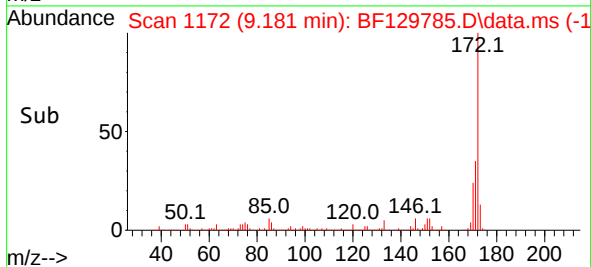
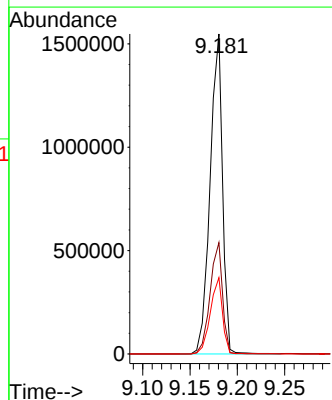
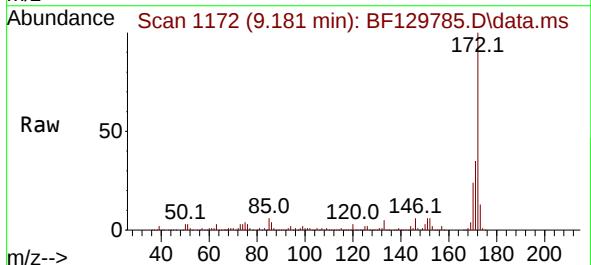
Instrument :
BNA_F
ClientSampleId :
S1

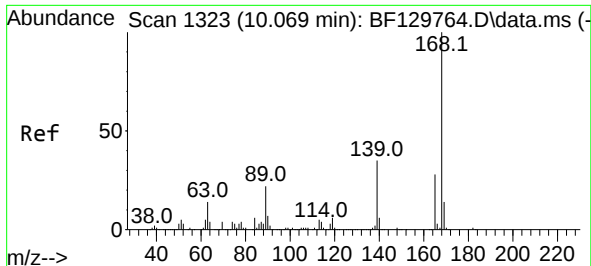
Tgt Ion:330 Resp: 363758
Ion Ratio Lower Upper
330 100
332 101.7 82.6 124.0
141 34.5 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 54.001 ng
RT: 9.181 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF129785.D
Acq: 15 Aug 2022 17:34

Tgt Ion:172 Resp: 1414446
Ion Ratio Lower Upper
172 100
171 34.8 28.4 42.6
170 23.8 19.1 28.7

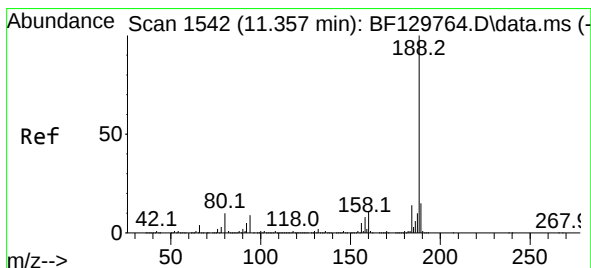
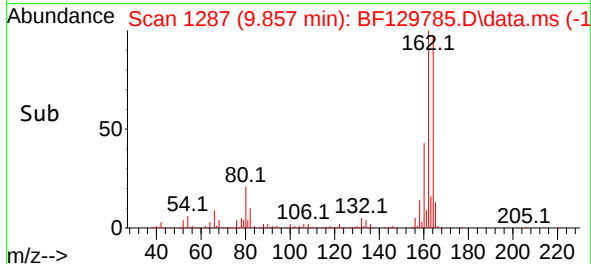
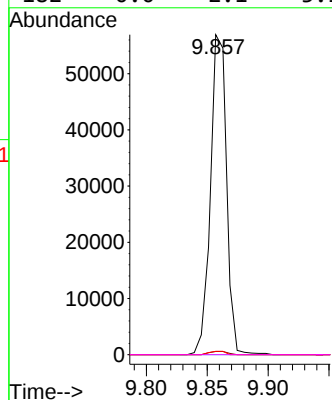
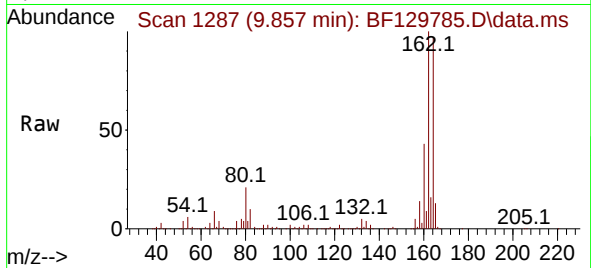




#57
2,4-Dinitrotoluene
Concen: 6.536 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF129785.D
Acq: 15 Aug 2022 17:34

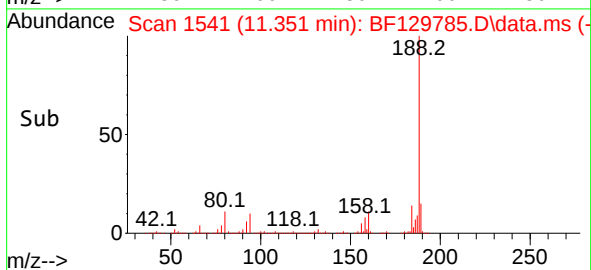
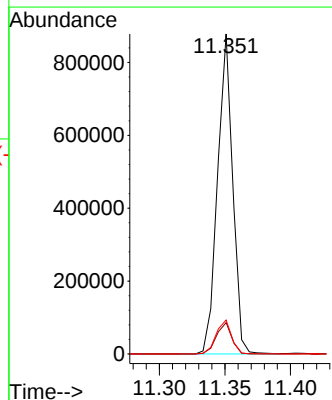
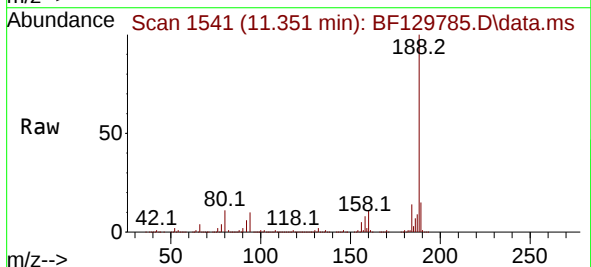
Instrument :
BNA_F
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S1

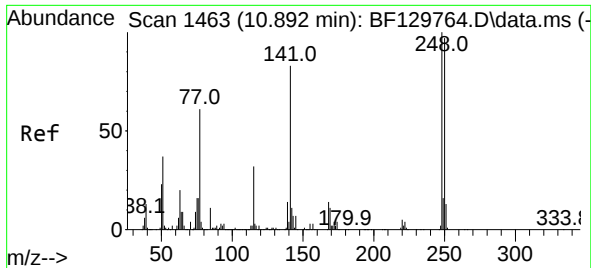
Tgt Ion:165 Resp: 52490
Ion Ratio Lower Upper
165 100
63 1.0 48.4 72.6#
89 1.1 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BF129785.D
Acq: 15 Aug 2022 17:34

Tgt Ion:188 Resp: 705925
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 10.6 7.9 11.9

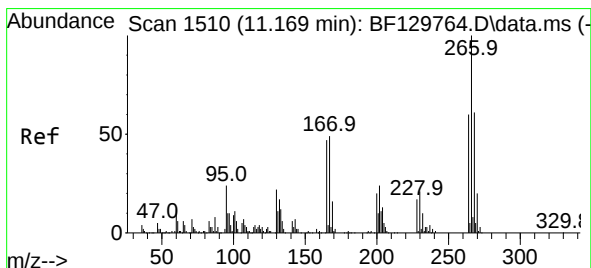
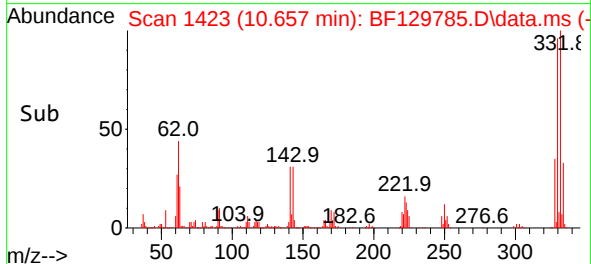
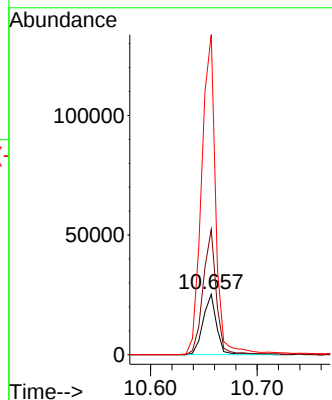
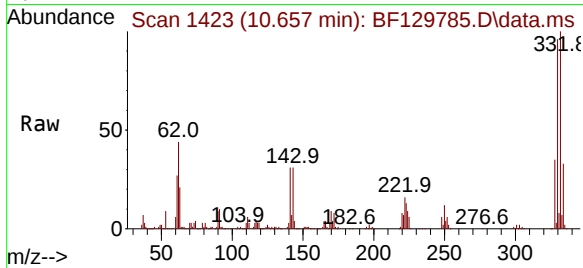




#67
4-Bromophenyl-phenylether
Concen: 2.723 ng
RT: 10.657 min Scan# 14
Delta R.T. -0.235 min
Lab File: BF129785.D
Acq: 15 Aug 2022 17:34

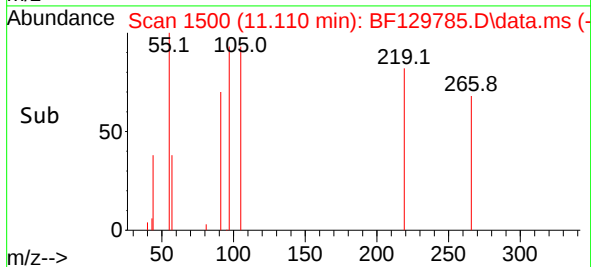
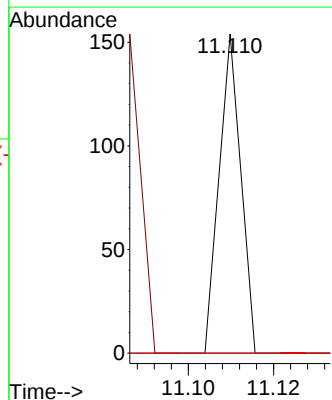
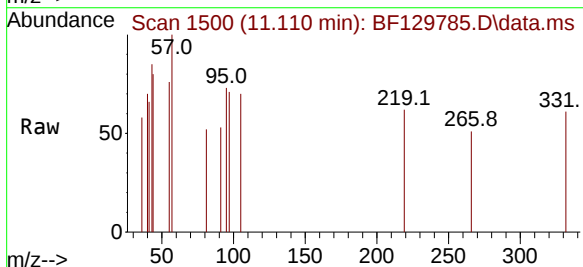
Instrument :
BNA_F
ClientSampleId :
S1

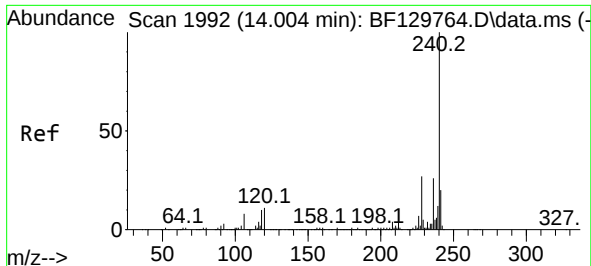
Tgt Ion:248 Resp: 22516
Ion Ratio Lower Upper
248 100
250 207.5 77.8 116.6#
141 530.0 66.2 99.2#



#70
Pentachlorophenol
Concen: 5.200 ng
RT: 11.110 min Scan# 1500
Delta R.T. -0.059 min
Lab File: BF129785.D
Acq: 15 Aug 2022 17:34

Tgt Ion:266 Resp: 54
Ion Ratio Lower Upper
266 100
268 0.0 49.0 73.4#
264 0.0 47.9 71.9#

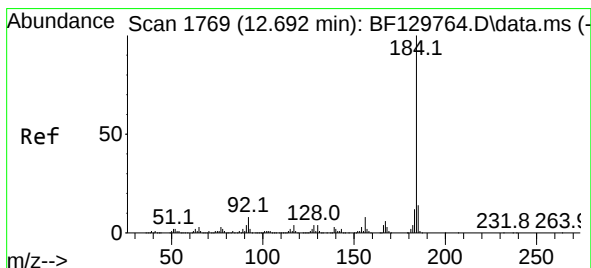
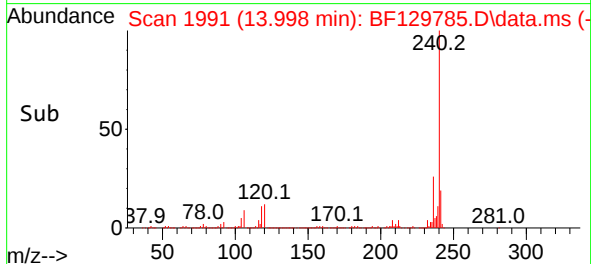
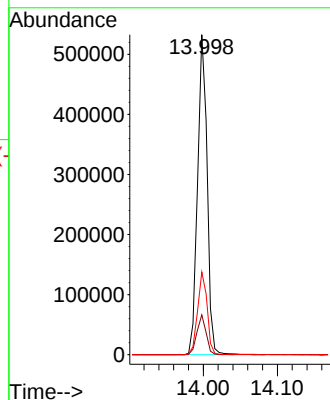
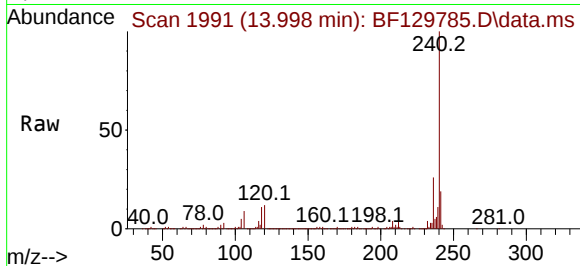




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF129785.D
Acq: 15 Aug 2022 17:34

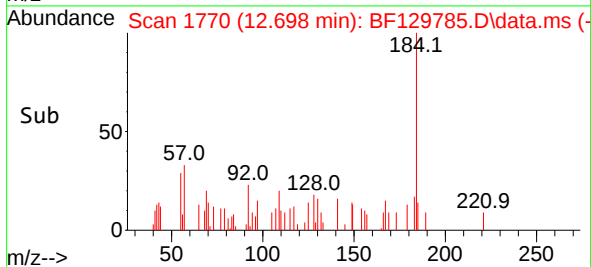
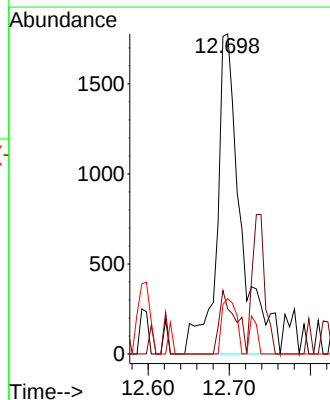
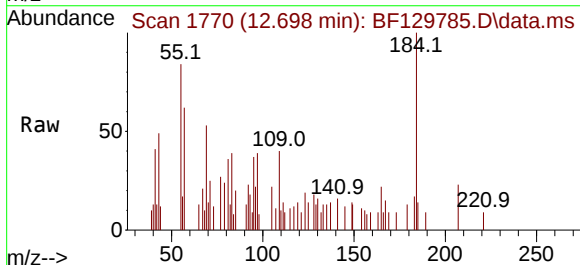
Instrument :
BNA_F
ClientSampleId :
S1

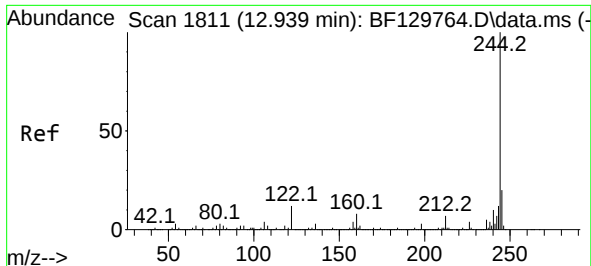
Tgt Ion:240 Resp: 476324
Ion Ratio Lower Upper
240 100
120 12.5 9.2 13.8
236 25.9 20.7 31.1



#77
Benzidine
Concen: Below Cal
RT: 12.698 min Scan# 1770
Delta R.T. 0.006 min
Lab File: BF129785.D
Acq: 15 Aug 2022 17:34

Tgt Ion:184 Resp: 3658
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.2
183 17.3 9.4 14.2#

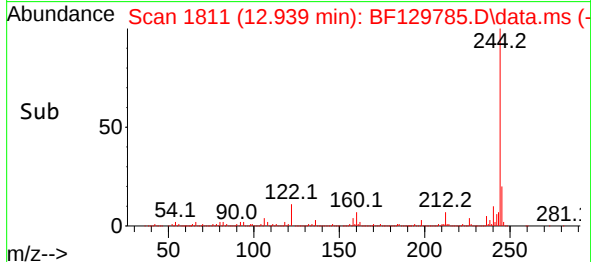
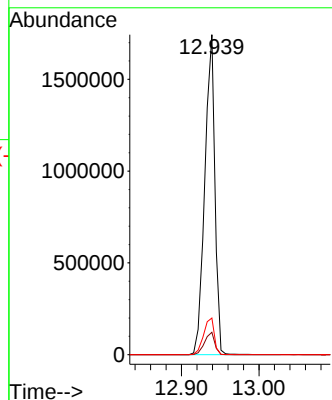
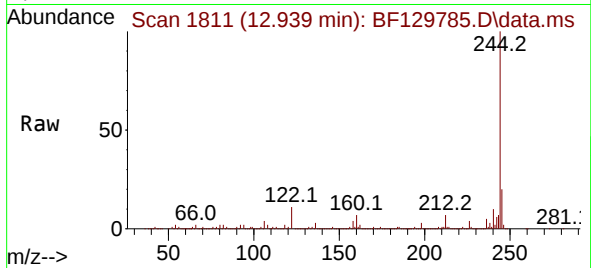




#79
 Terphenyl-d14
 Concen: 55.096 ng
 RT: 12.939 min Scan# 1811
 Delta R.T. -0.000 min
 Lab File: BF129785.D
 Acq: 15 Aug 2022 17:34

Instrument :
 BNA_F
 ClientSampleId :
 S1

Tgt Ion:244 Resp: 1577189
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 11.5 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2241
 Delta R.T. -0.000 min
 Lab File: BF129785.D
 Acq: 15 Aug 2022 17:34

Tgt Ion:264 Resp: 351677
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 22.3 16.7 25.1

