

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
 Data File : BF128713.D
 Acq On : 07 Jun 2022 13:18
 Operator : CG\JU
 Sample : N3189-04RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220428-AMENDED-COMPOSITE-HRE

Quant Time: Jun 08 00:25:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

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

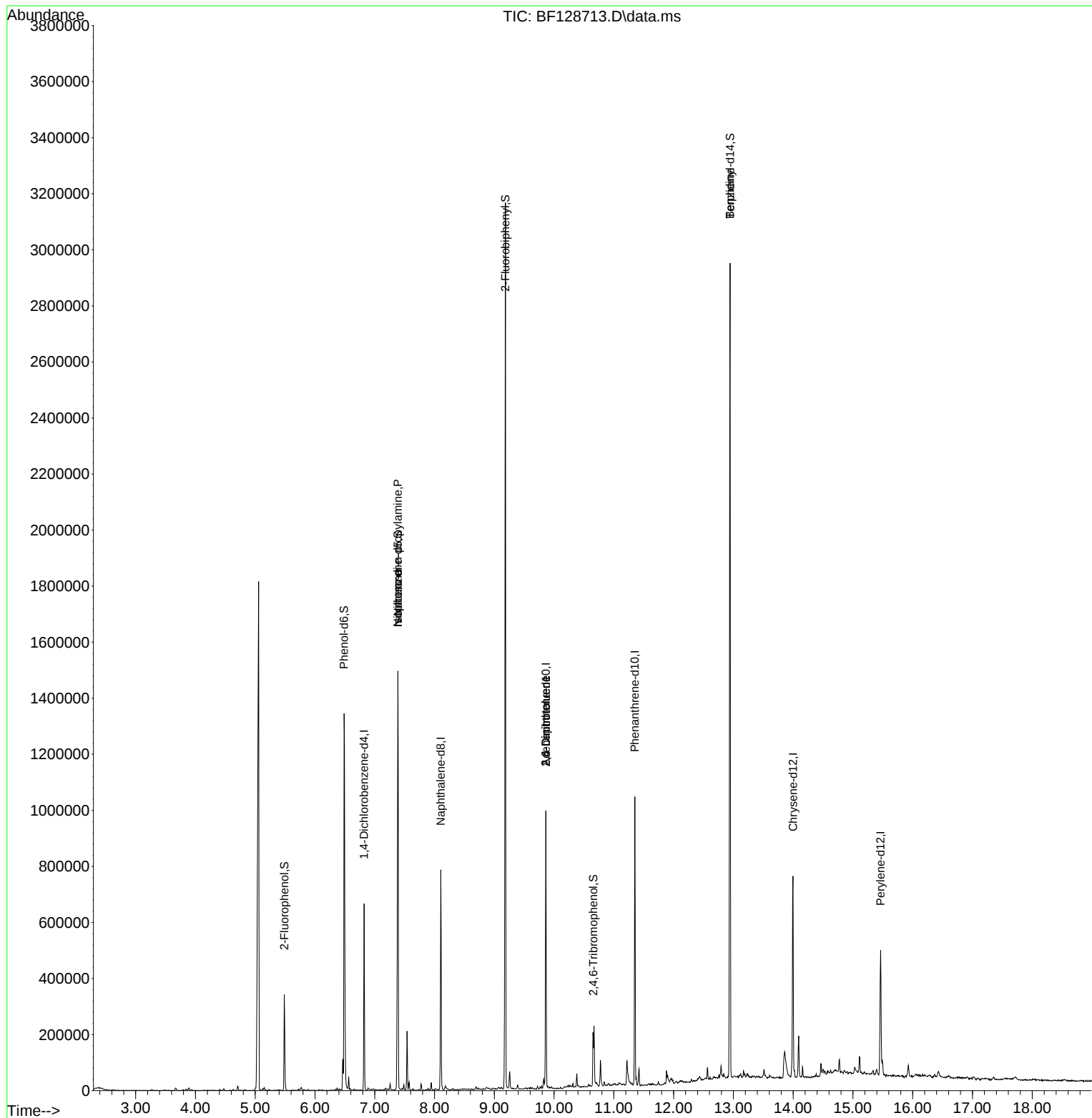
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	81158	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	313869	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	185663	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	343535	20.000	ng	0.00
76) Chrysene-d12	13.998	240	243945	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	198475	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	78987	15.502	ng	0.01
7) Phenol-d6	6.487	99	436827	70.234	ng	-0.01
23) Nitrobenzene-d5	7.386	82	496461	73.644	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	20830	9.495	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	891507	67.263	ng	0.00
79) Terphenyl-d14	12.945	244	961459	68.485	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	72318	18.701	ng	# 79
25) Isophorone	7.386	82	495112	48.357	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	22950	9.150	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	22950	6.856	ng	# 22
77) Benzidine	12.945	184	14537	2.989	ng	# 94

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

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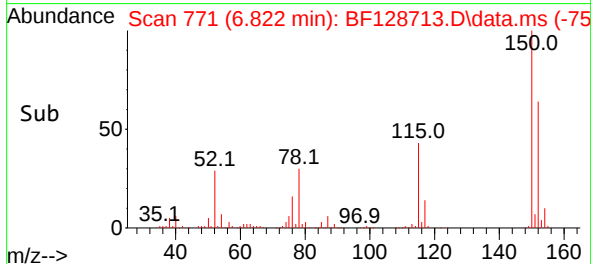
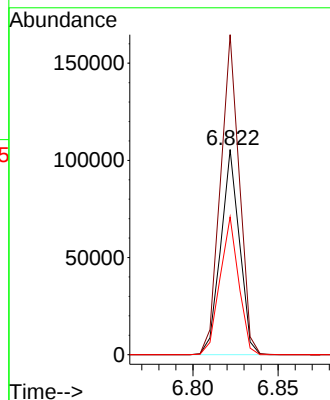
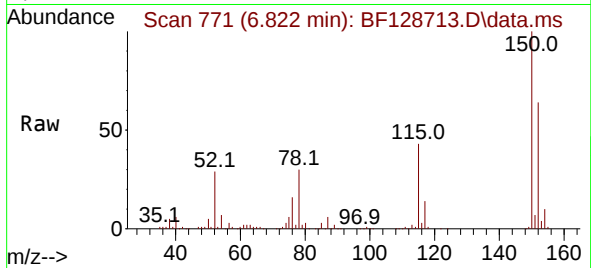




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128713.D
Acq: 07 Jun 2022 13:18

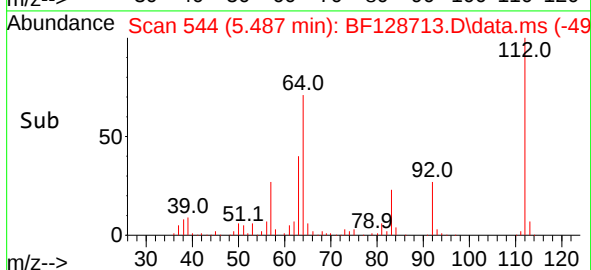
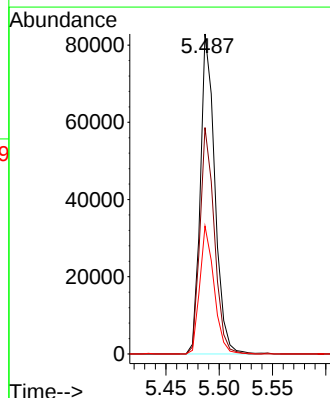
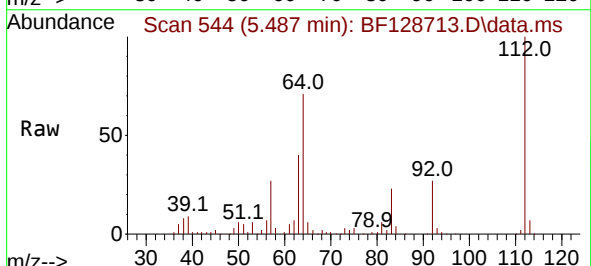
Instrument :
BNA_F
ClientSampleId :
20220428-AMENDED-COMPOSITE-HRE

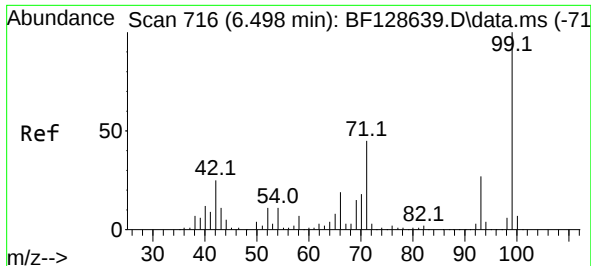
Tgt Ion:152 Resp: 81158
Ion Ratio Lower Upper
152 100
150 156.0 123.7 185.5
115 67.1 49.9 74.9



#5
2-Fluorophenol
Concen: 15.502 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.012 min
Lab File: BF128713.D
Acq: 07 Jun 2022 13:18

Tgt Ion:112 Resp: 78987
Ion Ratio Lower Upper
112 100
64 70.8 53.3 79.9
63 40.0 28.0 42.0

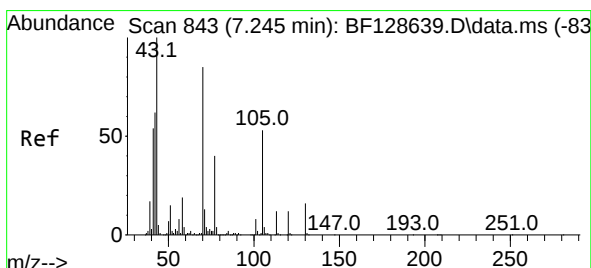
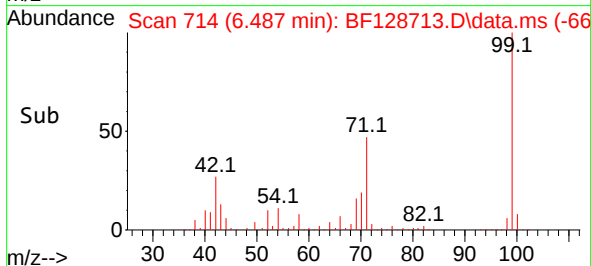
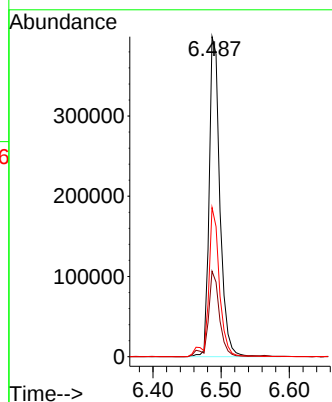
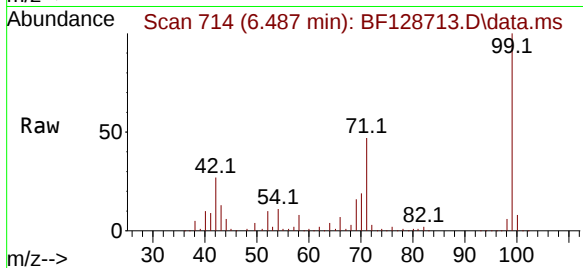




#7
Phenol-d6
Concen: 70.234 ng
RT: 6.487 min Scan# 716
Delta R.T. -0.011 min
Lab File: BF128713.D
Acq: 07 Jun 2022 13:18

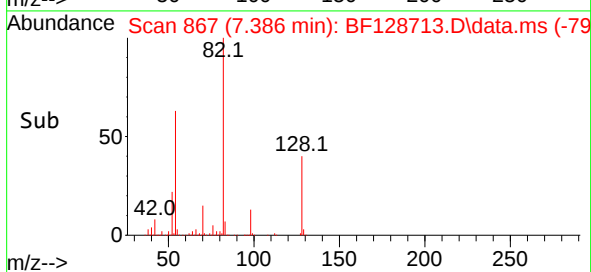
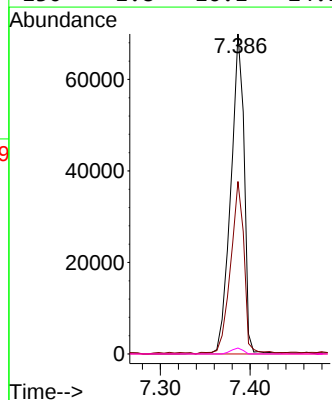
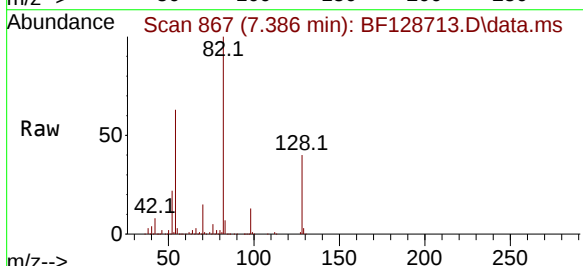
Instrument :
BNA_F
ClientSampleId :
20220428-AMENDED-COMPOSITE-HRE

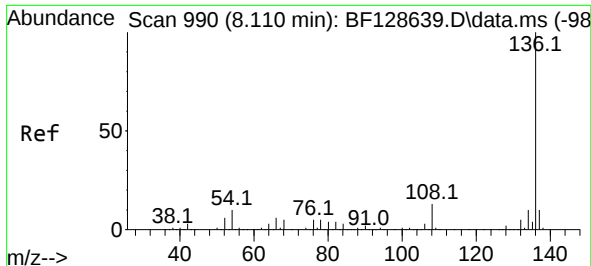
Tgt Ion: 99 Resp: 436827
Ion Ratio Lower Upper
99 100
42 26.7 17.3 25.9#
71 46.6 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 18.701 ng
RT: 7.386 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128713.D
Acq: 07 Jun 2022 13:18

Tgt Ion: 70 Resp: 72318
Ion Ratio Lower Upper
70 100
42 53.9 52.3 78.5
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#

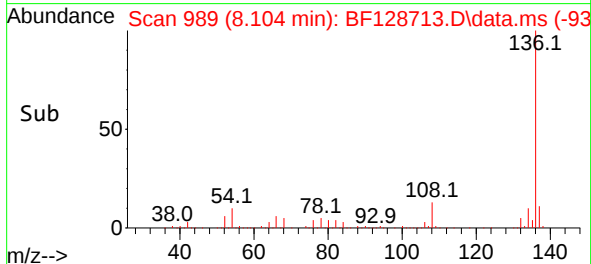
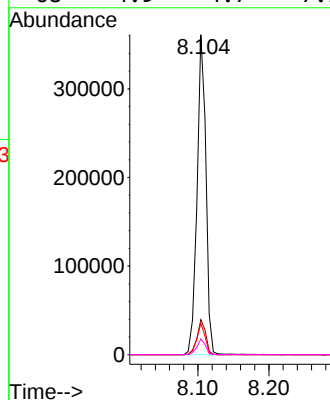
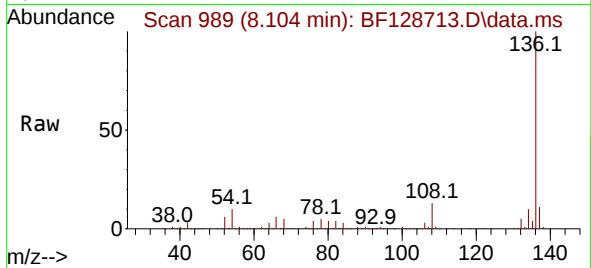




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128713.D
Acq: 07 Jun 2022 13:18

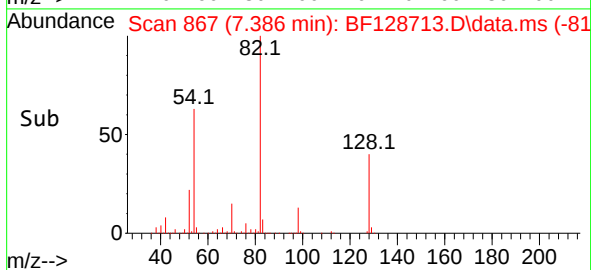
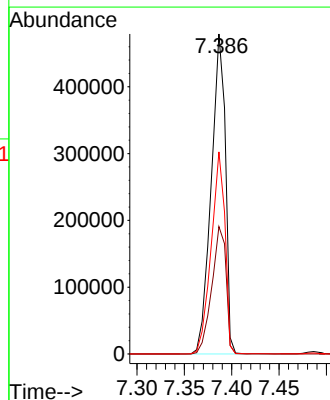
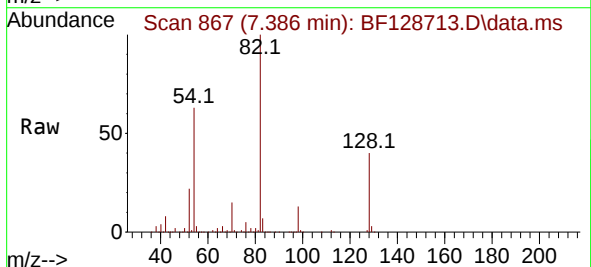
Instrument :
BNA_F
ClientSampleId :
20220428-AMENDED-COMPOSITE-HRE

Tgt Ion:136 Resp: 313869
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.8 7.5 11.3
68 4.9 4.7 7.1



#23
Nitrobenzene-d5
Concen: 73.644 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF128713.D
Acq: 07 Jun 2022 13:18

Tgt Ion: 82 Resp: 496461
Ion Ratio Lower Upper
82 100
128 39.8 34.0 51.0
54 63.2 46.9 70.3

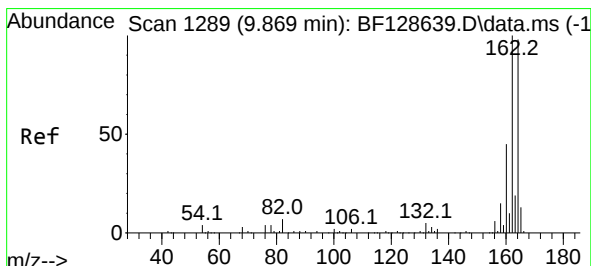
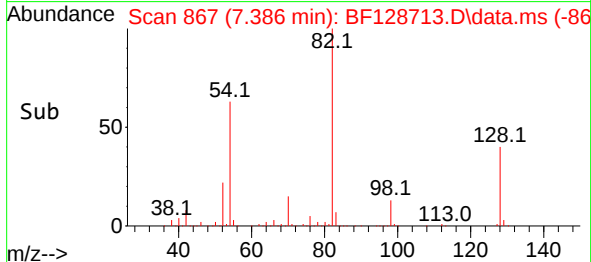
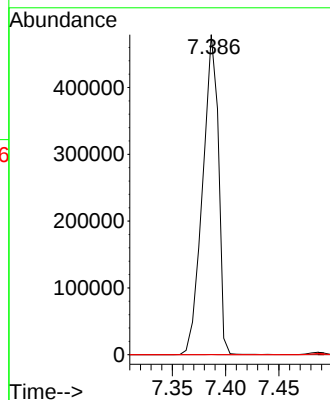
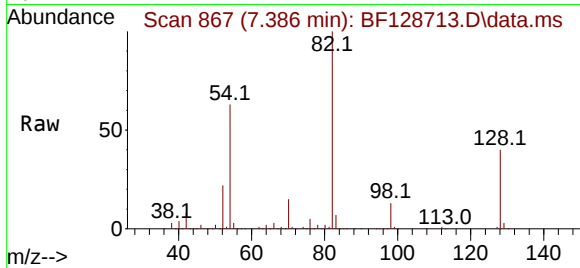




#25
Isophorone
Concen: 48.357 ng
RT: 7.386 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128713.D
Acq: 07 Jun 2022 13:18

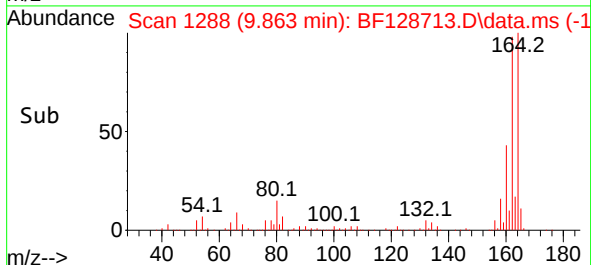
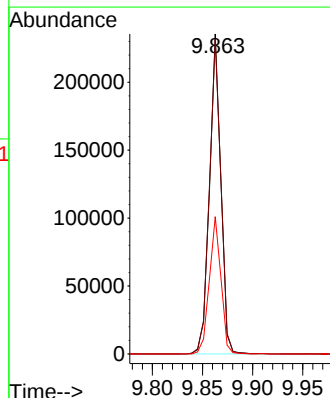
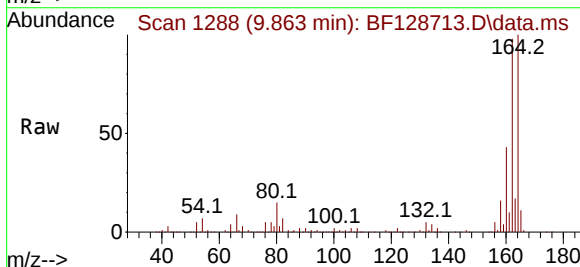
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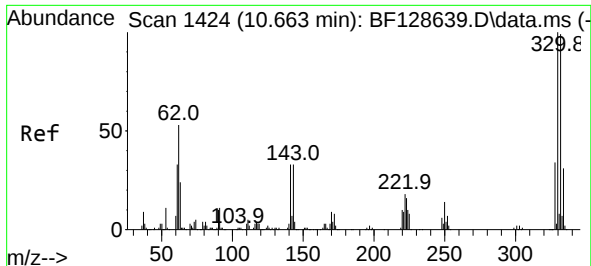
Tgt Ion: 82 Resp: 495112
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128713.D
Acq: 07 Jun 2022 13:18

Tgt Ion:164 Resp: 185663
Ion Ratio Lower Upper
164 100
162 98.4 79.5 119.3
160 42.9 34.2 51.4

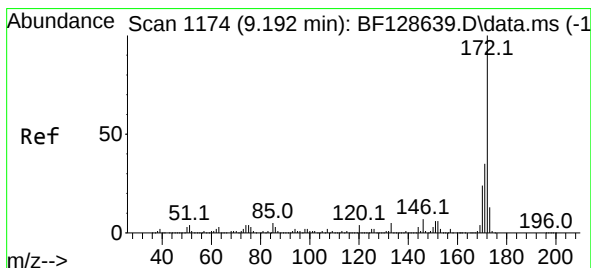
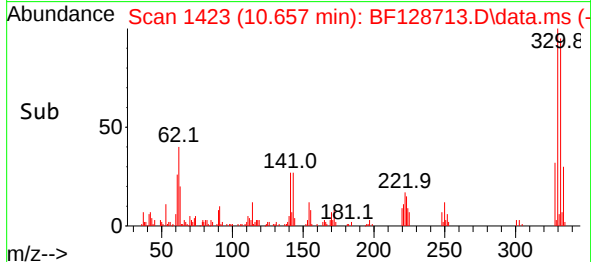
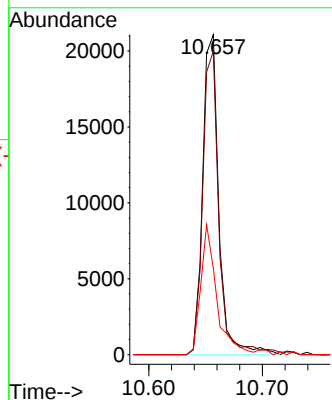
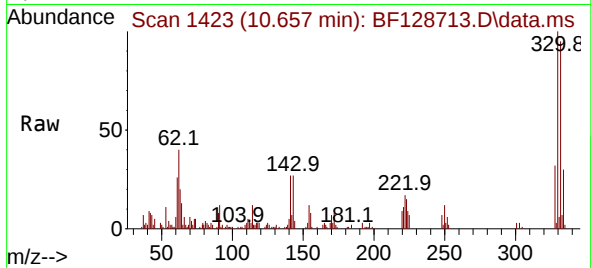




#42
2,4,6-Tribromophenol
Concen: 9.495 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF128713.D
Acq: 07 Jun 2022 13:18

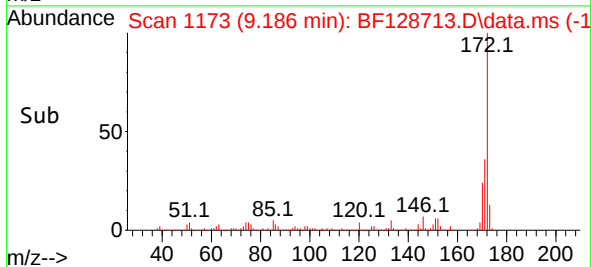
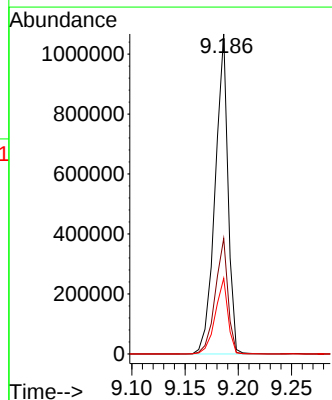
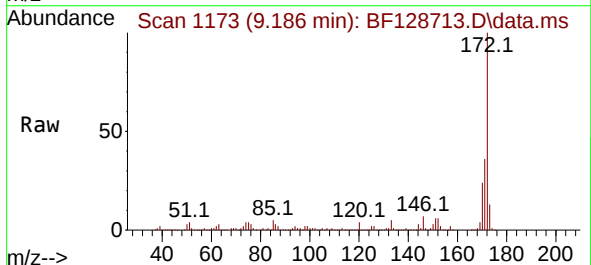
Instrument : BNA_F
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Tgt Ion: 330 Resp: 20830
Ion Ratio Lower Upper
330 100
332 95.4 76.8 115.2
141 40.1 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 67.263 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF128713.D
Acq: 07 Jun 2022 13:18

Tgt Ion: 172 Resp: 891507
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 23.7 19.8 29.8

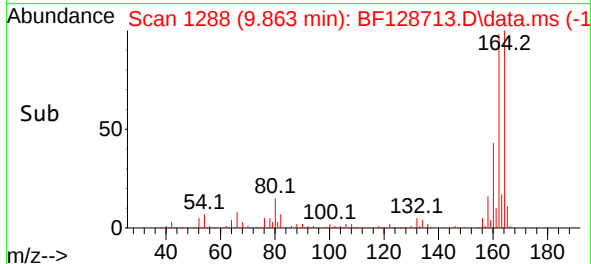
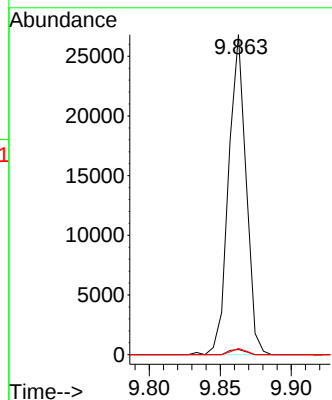
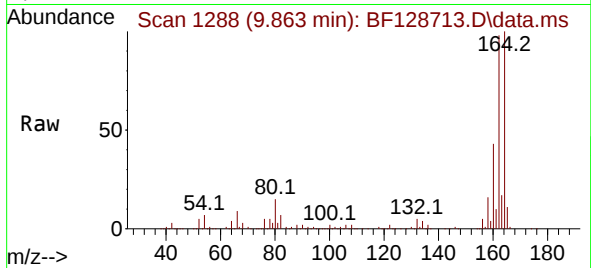




#51
2,6-Dinitrotoluene
Concen: 9.150 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.206 min
Lab File: BF128713.D
Acq: 07 Jun 2022 13:18

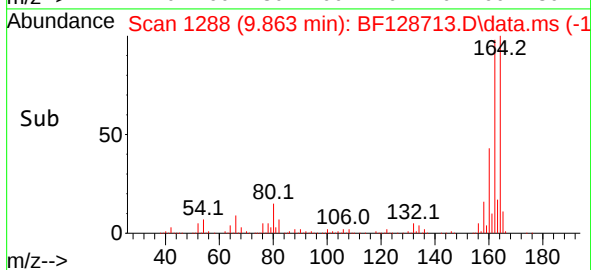
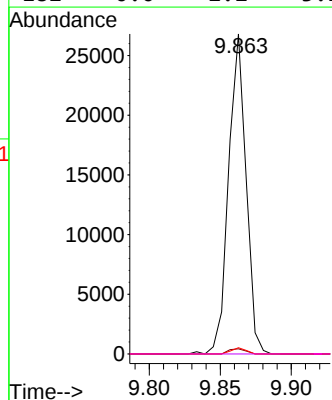
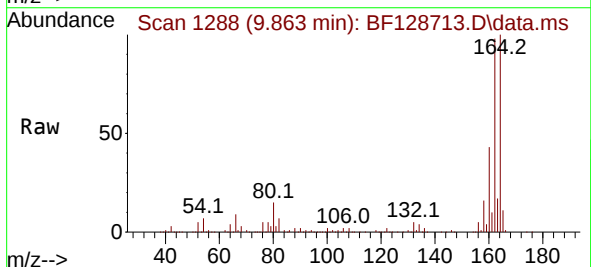
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:165 Resp: 22950
Ion Ratio Lower Upper
165 100
63 1.6 44.9 67.3#
89 2.0 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.856 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.194 min
Lab File: BF128713.D
Acq: 07 Jun 2022 13:18

Tgt Ion:165 Resp: 22950
Ion Ratio Lower Upper
165 100
63 1.6 39.8 59.6#
89 2.0 60.2 90.2#
182 0.0 2.2 3.2#

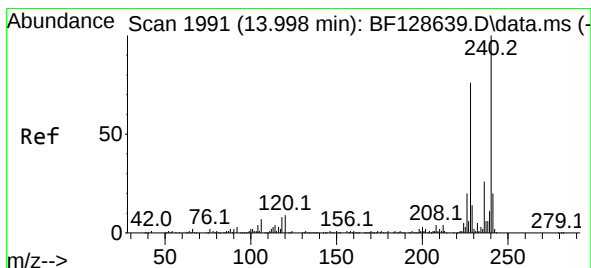
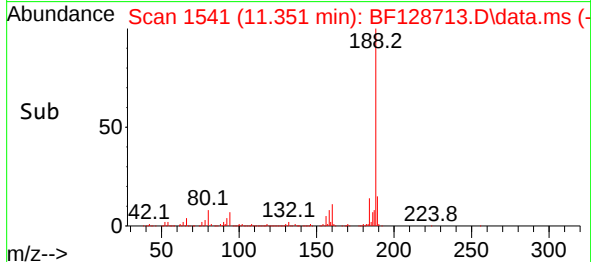
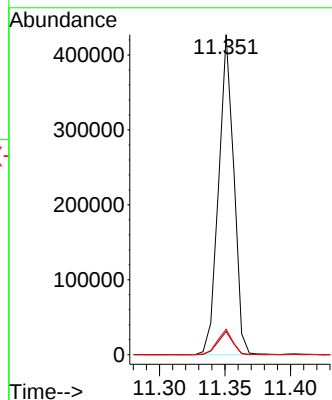
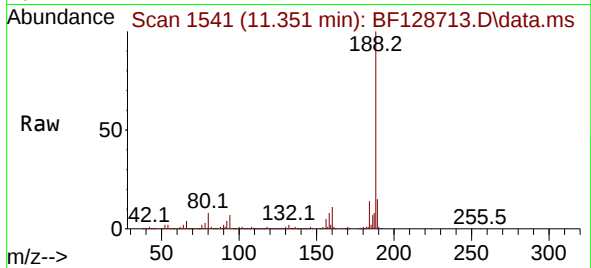




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128713.D
Acq: 07 Jun 2022 13:18

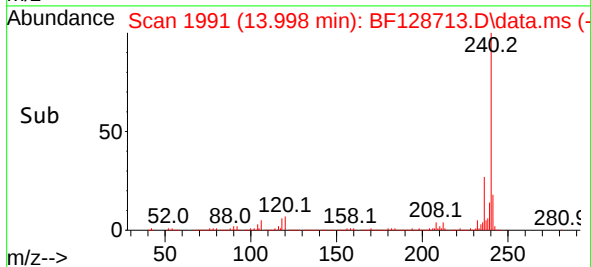
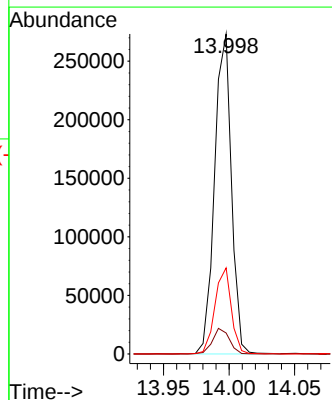
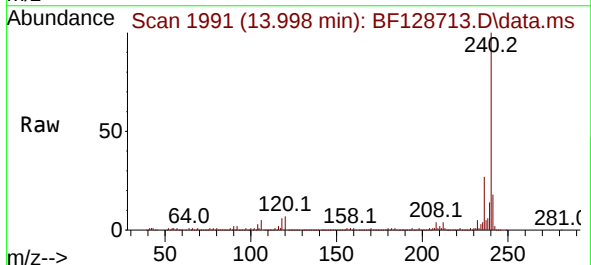
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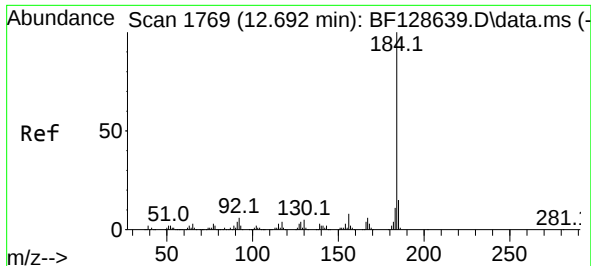
Tgt Ion:188 Resp: 343535
Ion Ratio Lower Upper
188 100
94 7.2 7.0 10.6
80 7.9 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BF128713.D
Acq: 07 Jun 2022 13:18

Tgt Ion:240 Resp: 243945
Ion Ratio Lower Upper
240 100
120 6.6 8.9 13.3#
236 26.9 20.8 31.2

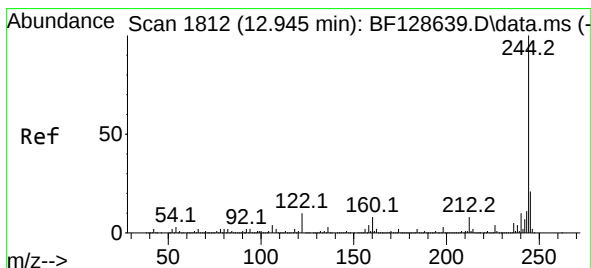
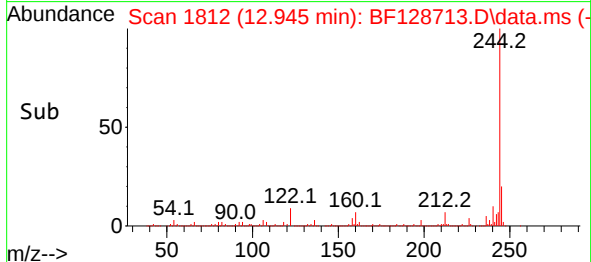
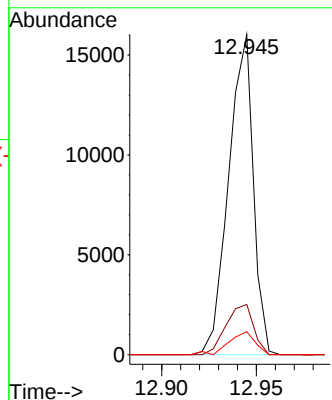
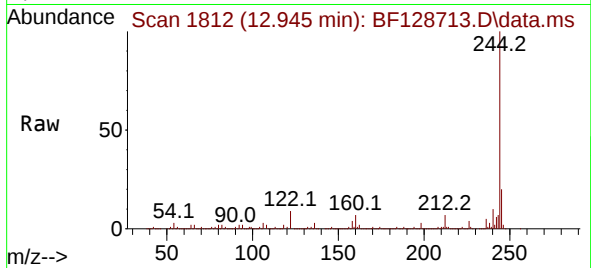




#77
Benzidine
Concen: 2.989 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.253 min
Lab File: BF128713.D
Acq: 07 Jun 2022 13:18

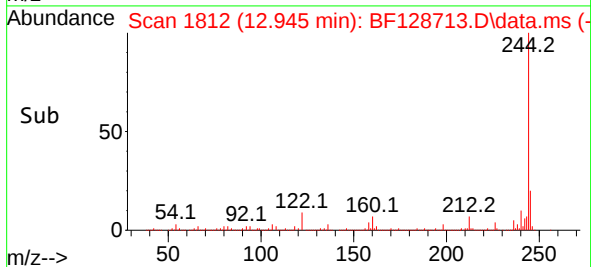
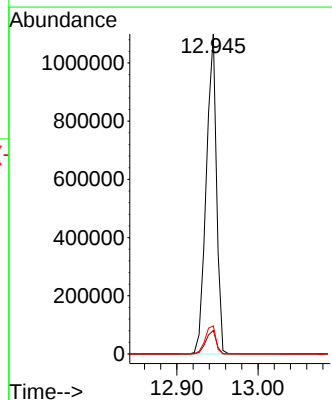
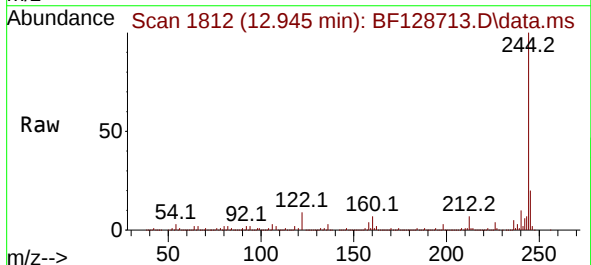
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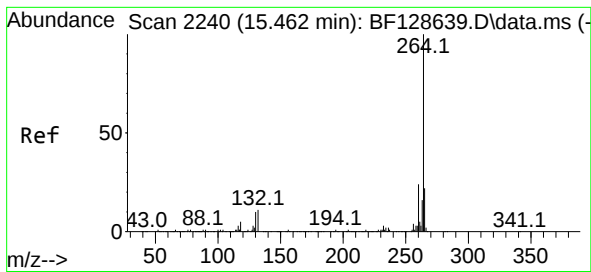
Tgt Ion:184 Resp: 14537
Ion Ratio Lower Upper
184 100
185 15.7 11.9 17.9
183 7.2 9.3 13.9#



#79
Terphenyl-d14
Concen: 68.485 ng
RT: 12.945 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BF128713.D
Acq: 07 Jun 2022 13:18

Tgt Ion:244 Resp: 961459
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 8.8 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF128713.D
 Acq: 07 Jun 2022 13:18

Instrument :
 BNA_F
 ClientSampleId :
 20220428-AMENDED-COMPOSITE-HRE

Tgt Ion:264 Resp: 198475
 Ion Ratio Lower Upper
 264 100
 260 26.0 18.4 27.6
 265 21.9 17.2 25.8

