

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
 Data File : BF129187.D
 Acq On : 12 Jul 2022 14:01
 Operator : CG\JU
 Sample : N3662-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220495A-SIM/C1A-COMPOSITE

Quant Time: Jul 12 14:53:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 14:13:54 2022
 Response via : Initial Calibration

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

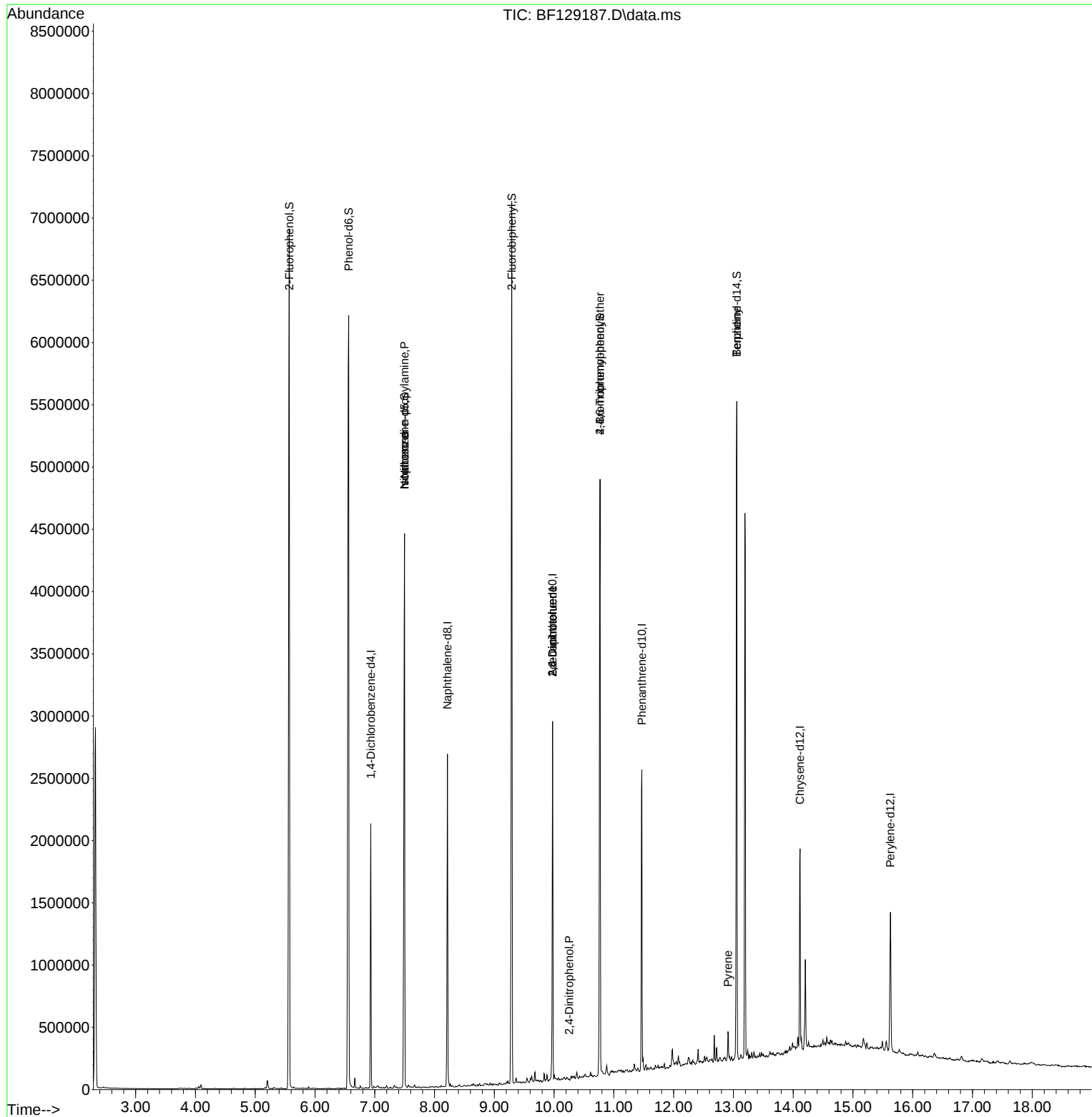
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	286459	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	1127932	20.000	ng	# 0.00
39) Acenaphthene-d10	9.975	164	543796	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	876774	20.000	ng	# 0.00
76) Chrysene-d12	14.116	240	540062	20.000	ng	0.00
86) Perylene-d12	15.627	264	490126	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1946587	114.884	ng	0.00
7) Phenol-d6	6.563	99	2493058	118.470	ng	0.00
23) Nitrobenzene-d5	7.498	82	1586042	83.872	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	552999	93.523	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	2229729	65.596	ng	0.00
79) Terphenyl-d14	13.057	244	1779421	68.422	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.487	77	533	Below Cal	#	48
19) n-Nitroso-di-n-propyla...	7.498	70	217637	17.878	ng	# 75
25) Isophorone	7.498	82	1577168	49.349	ng	# 65
51) 2,6-Dinitrotoluene	9.975	165	70483	10.139	ng	# 26
54) 2,4-Dinitrophenol	10.251	184	61	6.881	ng	# 1
57) 2,4-Dinitrotoluene	9.975	165	70483	8.213	ng	# 21
67) 4-Bromophenyl-phenylether	10.769	248	36618	3.926	ng	# 1
77) Benzidine	13.057	184	28599	2.974	ng	# 91
78) Pyrene	12.910	202	92106	2.460	ng	97

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

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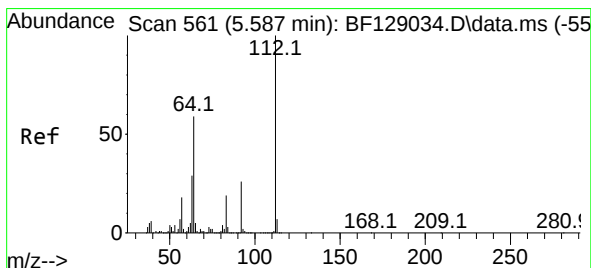
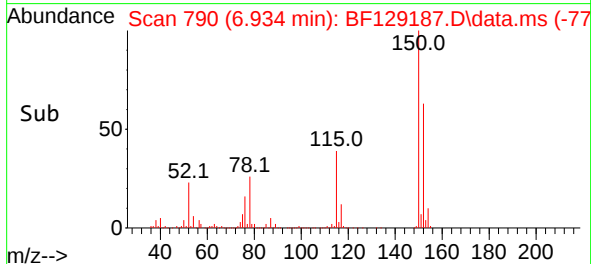
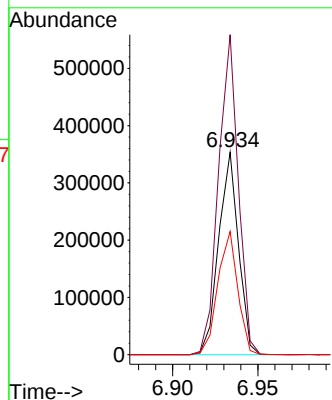
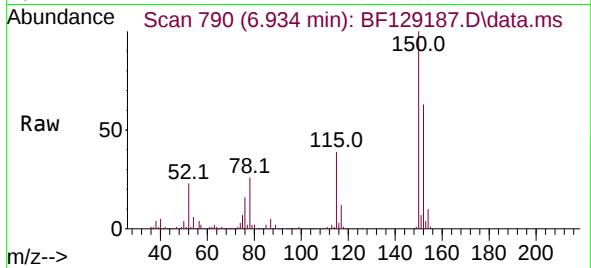




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 795
Delta R.T. -0.005 min
Lab File: BF129187.D
Acq: 12 Jul 2022 14:01

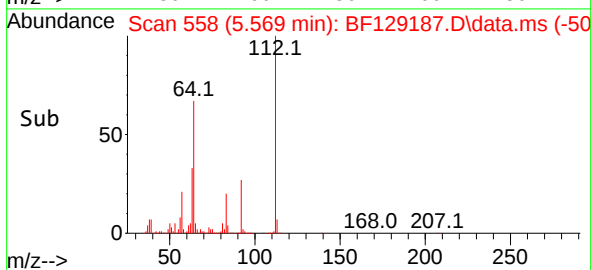
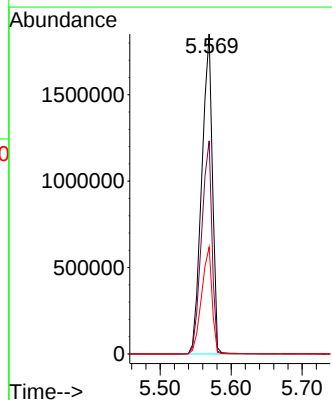
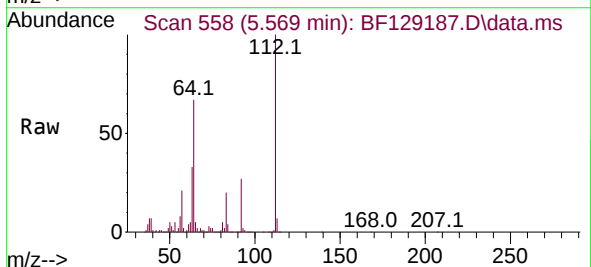
Instrument :
BNA_F
ClientSampleId :
20220495A-SIM/C1A-COMPOSITE

Tgt Ion:152 Resp: 286459
Ion Ratio Lower Upper
152 100
150 158.1 123.7 185.5
115 60.9 49.9 74.9



#5
2-Fluorophenol
Concen: 114.884 ng
RT: 5.569 min Scan# 558
Delta R.T. 0.006 min
Lab File: BF129187.D
Acq: 12 Jul 2022 14:01

Tgt Ion:112 Resp: 1946587
Ion Ratio Lower Upper
112 100
64 66.6 53.3 79.9
63 33.4 28.0 42.0

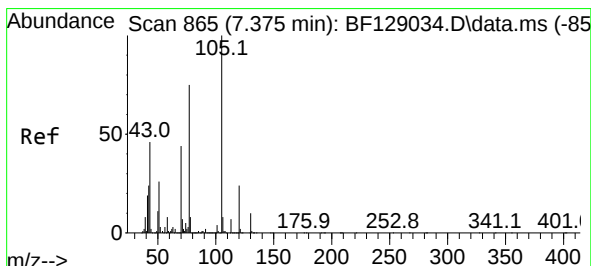
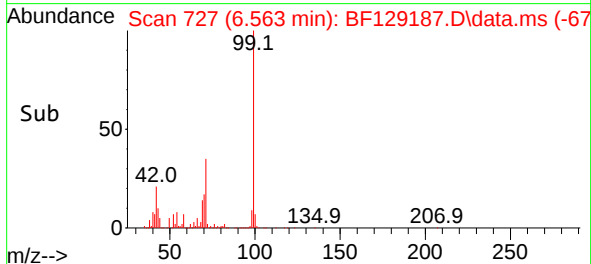
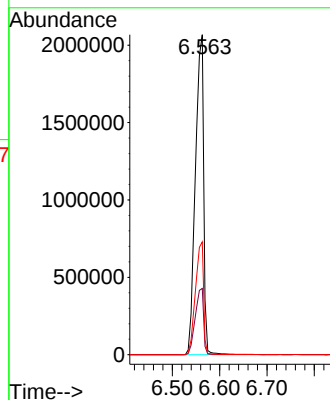
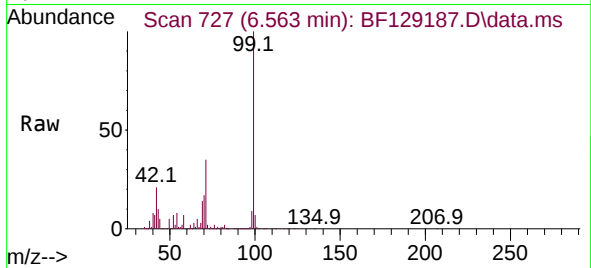




#7
Phenol-d6
Concen: 118.470 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129187.D
Acq: 12 Jul 2022 14:01

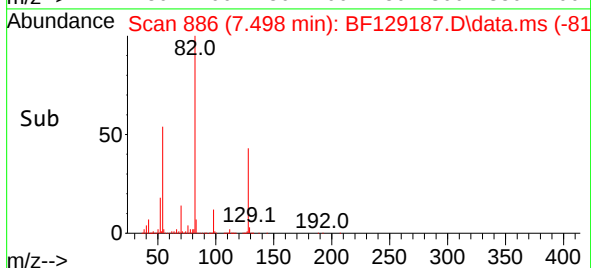
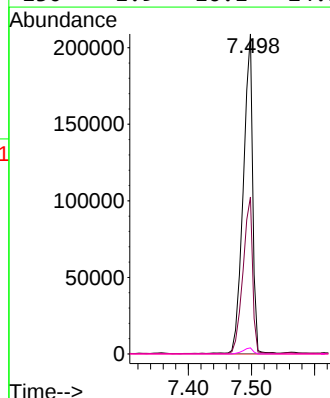
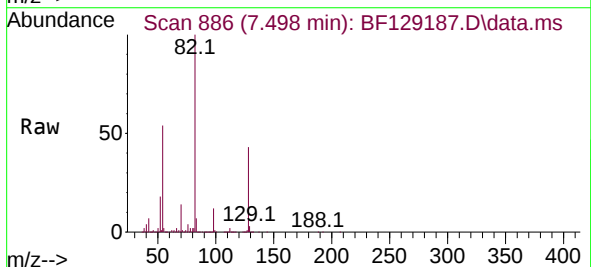
Instrument :
BNA_F
ClientSampleId :
20220495A-SIM/C1A-COMPOSITE

Tgt Ion: 99 Resp: 2493058
Ion Ratio Lower Upper
99 100
42 20.7 17.3 25.9
71 35.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.878 ng
RT: 7.498 min Scan# 886
Delta R.T. 0.147 min
Lab File: BF129187.D
Acq: 12 Jul 2022 14:01

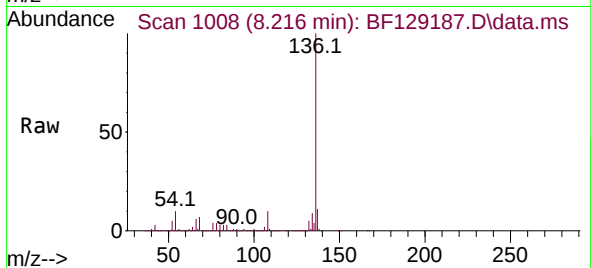
Tgt Ion: 70 Resp: 217637
Ion Ratio Lower Upper
70 100
42 49.0 52.3 78.5#
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#





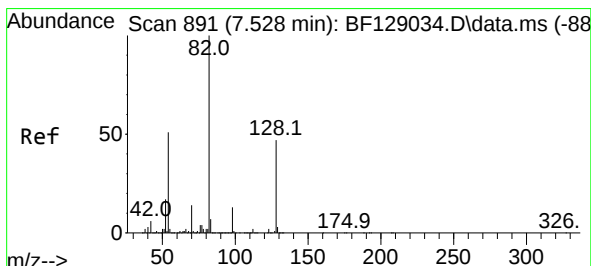
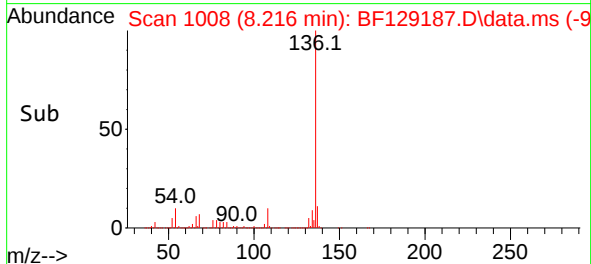
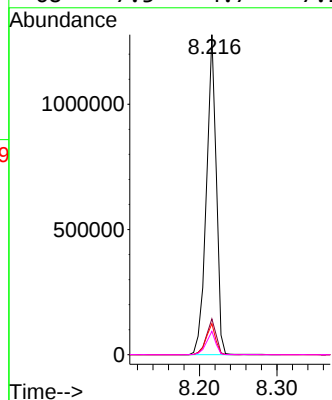
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF129187.D
Acq: 12 Jul 2022 14:01

Instrument :
BNA_F
ClientSampleId :
20220495A-SIM/C1A-COMPOSITE



Tgt Ion:136 Resp: 1127932

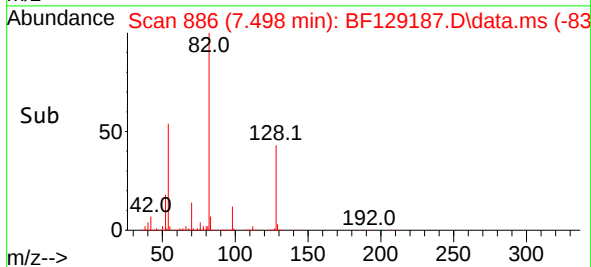
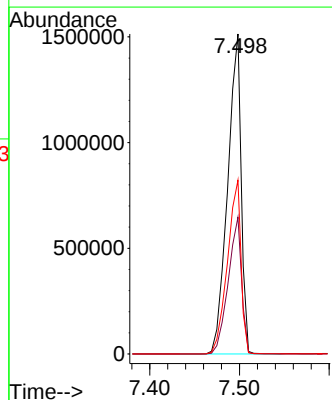
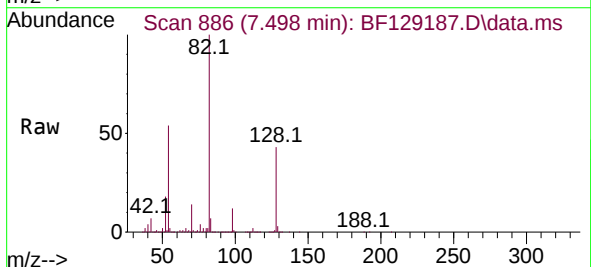
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.7	7.5	11.3
68	7.3	4.7	7.1



#23
Nitrobenzene-d5
Concen: 83.872 ng
RT: 7.498 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF129187.D
Acq: 12 Jul 2022 14:01

Tgt Ion: 82 Resp: 1586042

Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.0	51.0
54	54.3	46.9	70.3

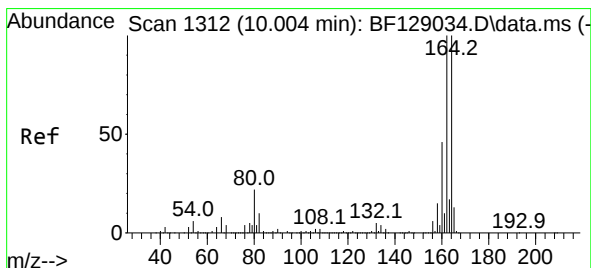
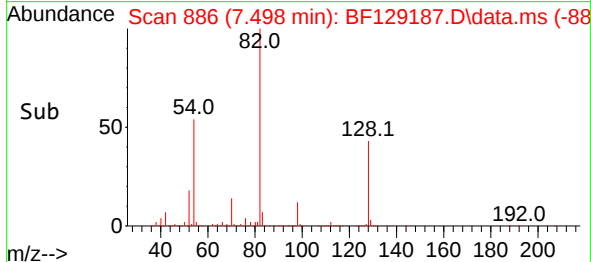
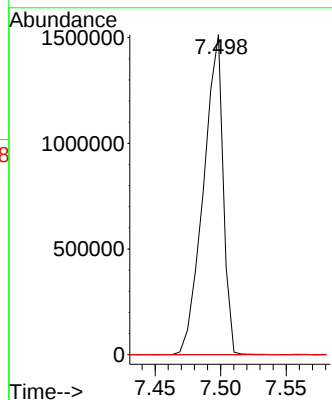
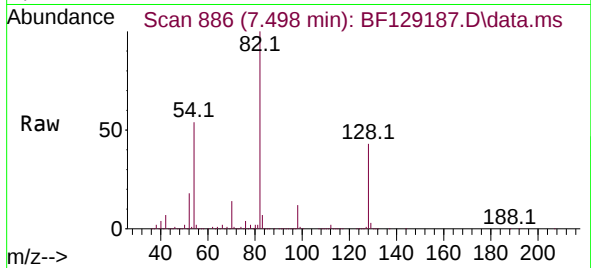




#25
Isophorone
Concen: 49.349 ng
RT: 7.498 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129187.D
Acq: 12 Jul 2022 14:01

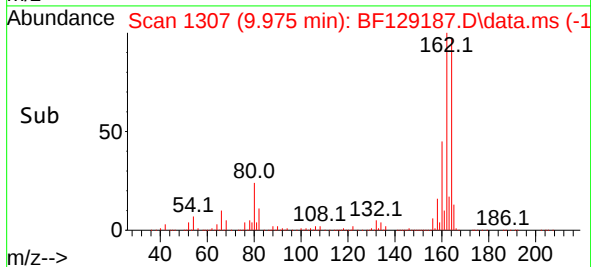
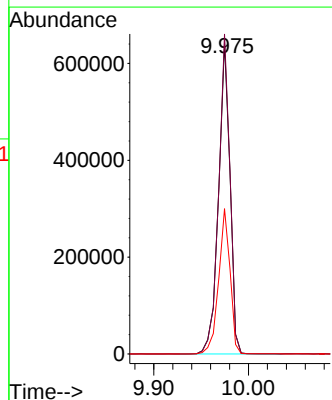
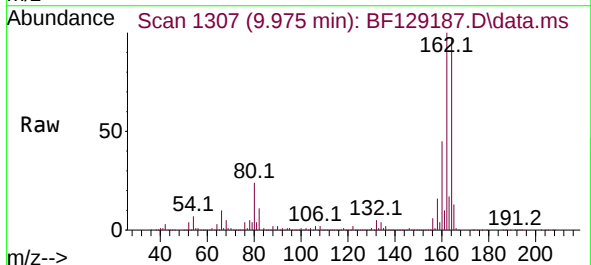
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ClientSampleId :
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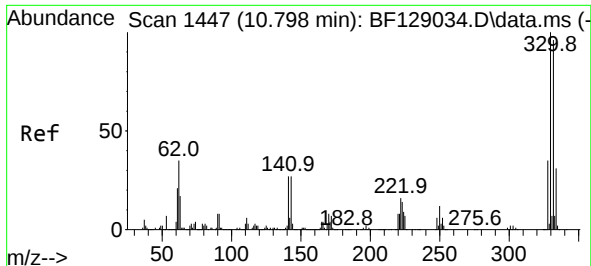
Tgt Ion: 82 Resp: 1577168
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF129187.D
Acq: 12 Jul 2022 14:01

Tgt Ion:164 Resp: 543796
Ion Ratio Lower Upper
164 100
162 102.9 79.5 119.3
160 46.7 34.2 51.4

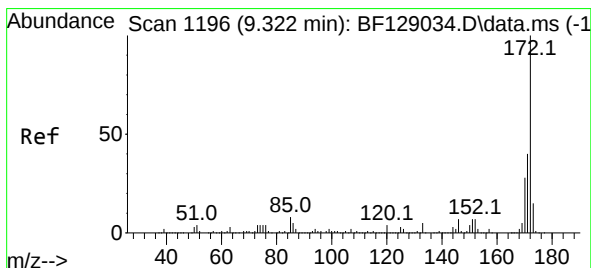
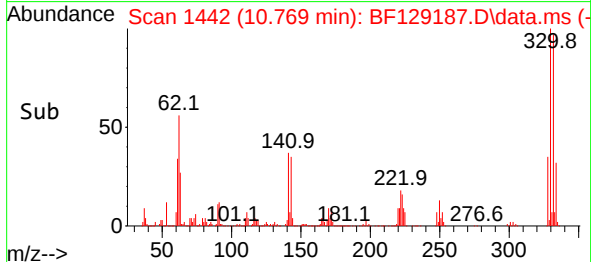
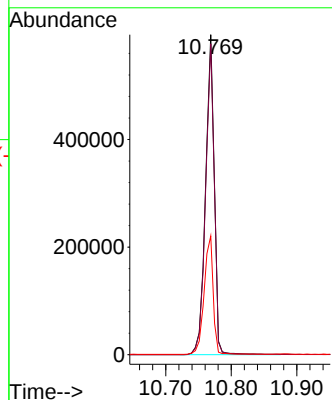
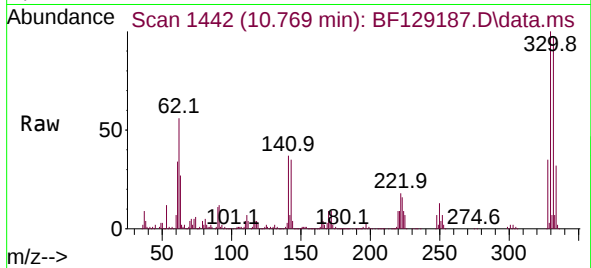




#42
2,4,6-Tribromophenol
Concen: 93.523 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF129187.D
Acq: 12 Jul 2022 14:01

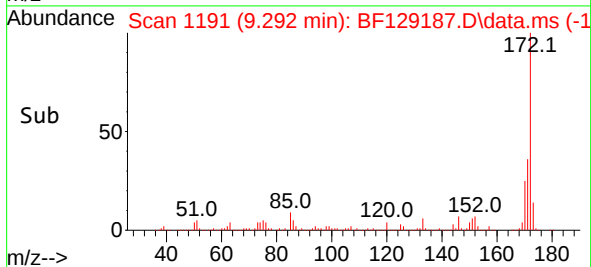
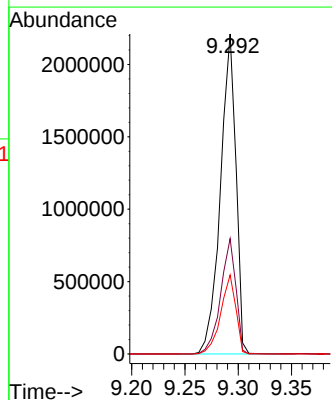
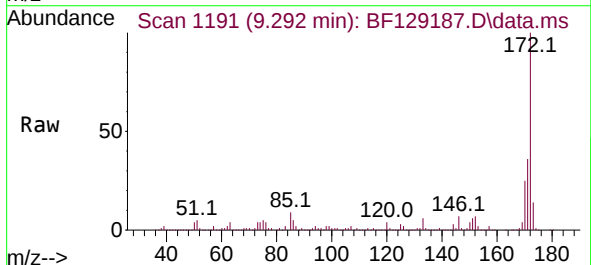
Instrument :
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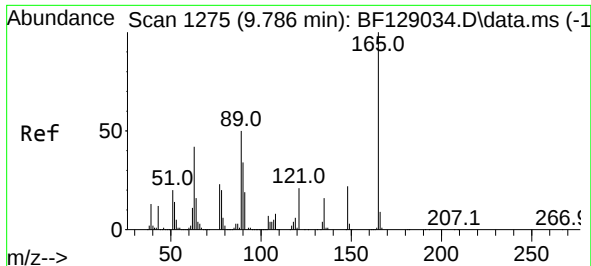
Tgt Ion:330 Resp: 552999
Ion Ratio Lower Upper
330 100
332 97.1 76.8 115.2
141 38.2 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 65.596 ng
RT: 9.292 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF129187.D
Acq: 12 Jul 2022 14:01

Tgt Ion:172 Resp: 2229729
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.7 19.8 29.8

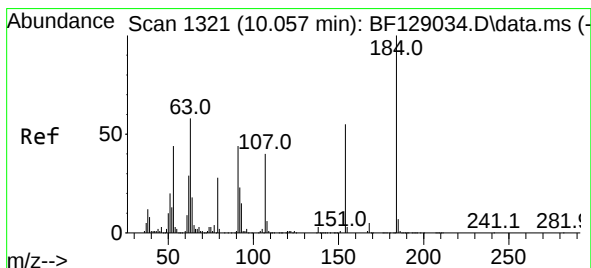
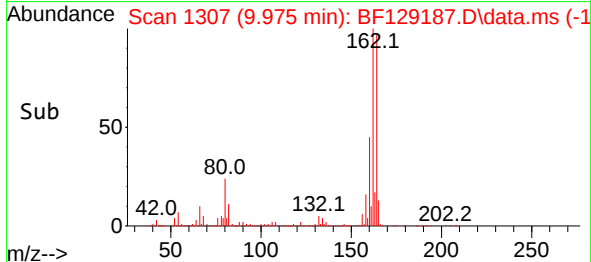
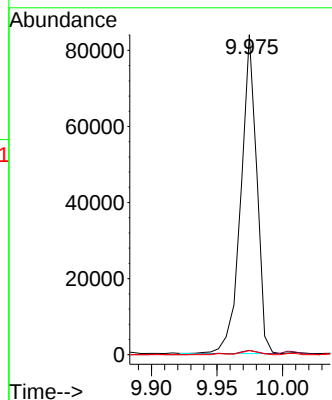
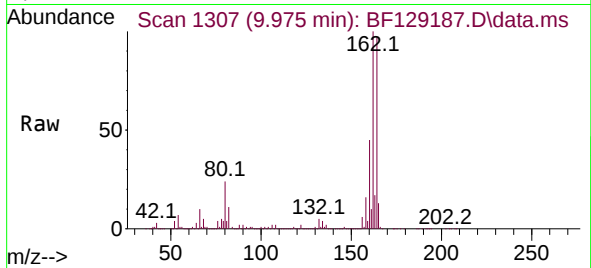




#51
2,6-Dinitrotoluene
Concen: 10.139 ng
RT: 9.975 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF129187.D
Acq: 12 Jul 2022 14:01

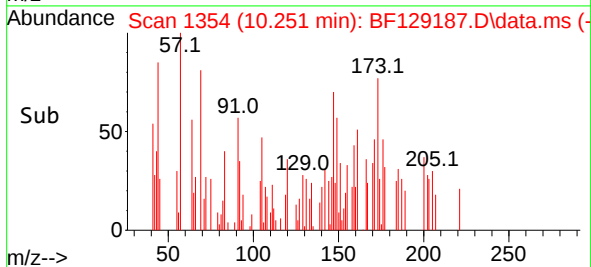
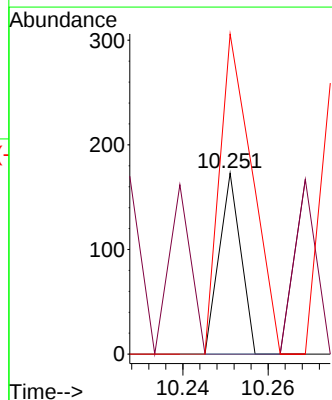
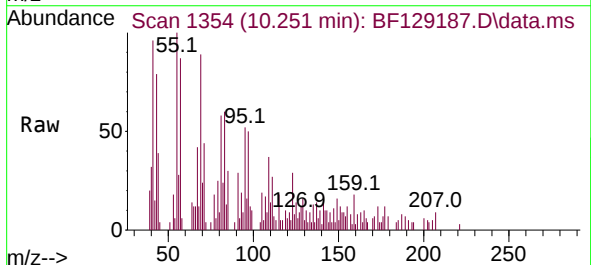
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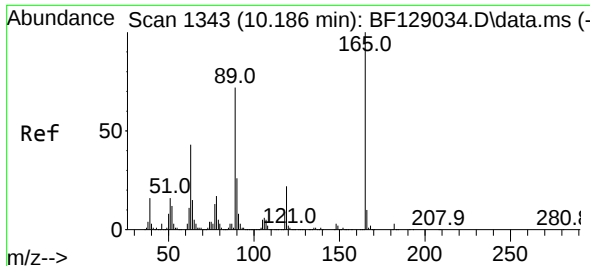
Tgt Ion:165 Resp: 70483
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.3 43.6 65.4#



#54
2,4-Dinitrophenol
Concen: 6.881 ng
RT: 10.251 min Scan# 1354
Delta R.T. 0.212 min
Lab File: BF129187.D
Acq: 12 Jul 2022 14:01

Tgt Ion:184 Resp: 61
Ion Ratio Lower Upper
184 100
63 0.0 64.5 96.7#
154 176.9 50.6 75.8#

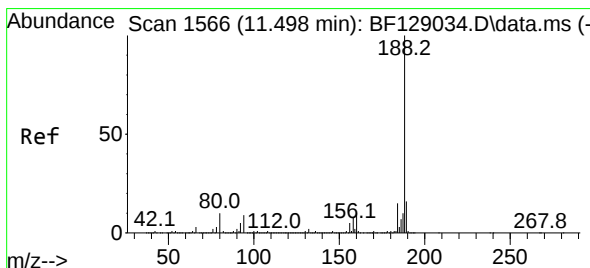
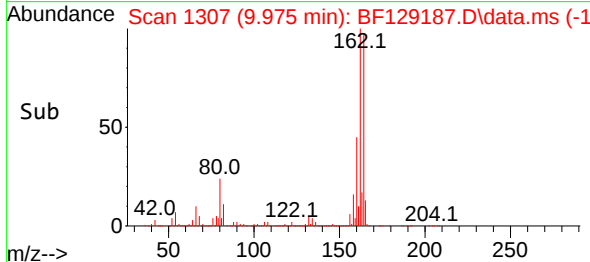
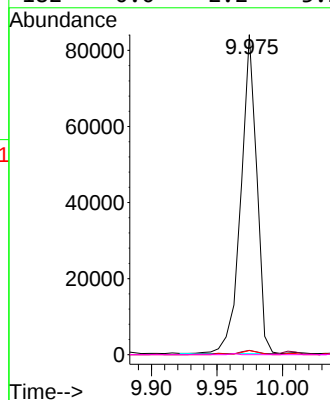
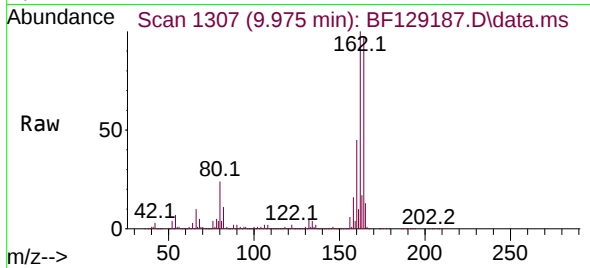




#57
2,4-Dinitrotoluene
Concen: 8.213 ng
RT: 9.975 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF129187.D
Acq: 12 Jul 2022 14:01

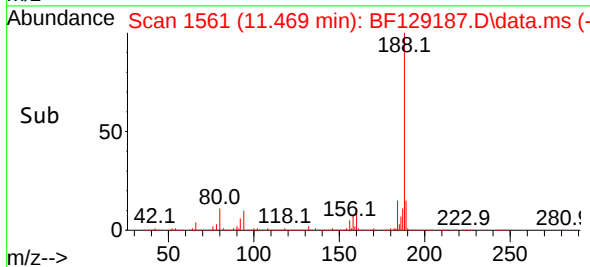
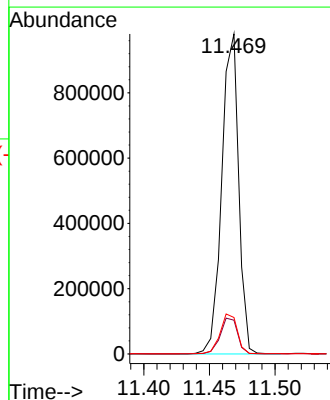
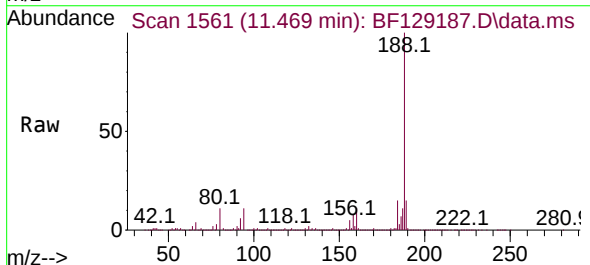
Instrument :
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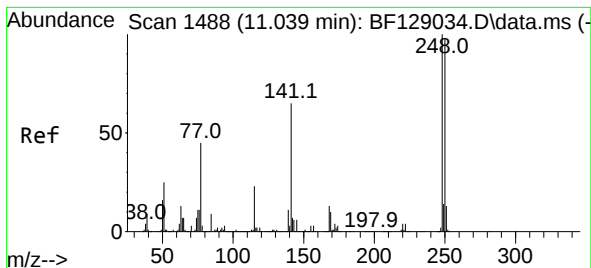
Tgt Ion:165 Resp: 70483
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF129187.D
Acq: 12 Jul 2022 14:01

Tgt Ion:188 Resp: 876774
Ion Ratio Lower Upper
188 100
94 10.5 7.0 10.6
80 11.4 7.6 11.4#

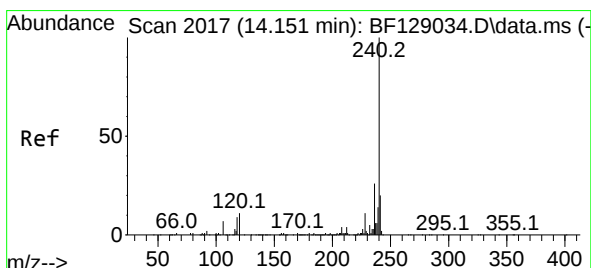
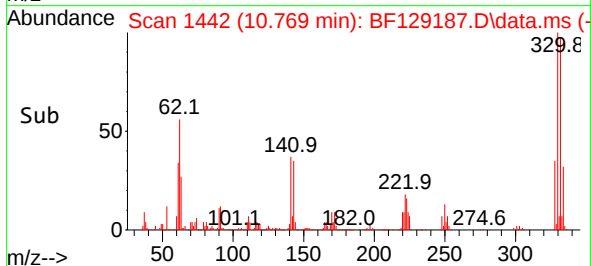
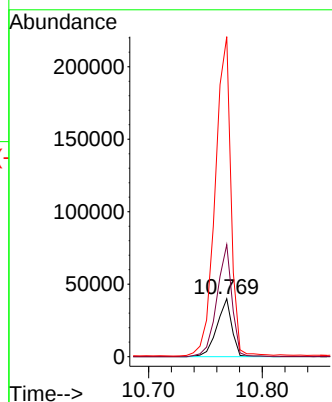
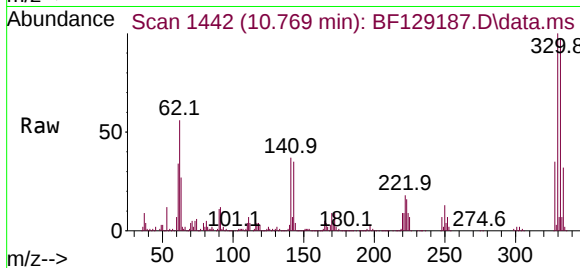




#67
4-Bromophenyl-phenylether
Concen: 3.926 ng
RT: 10.769 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF129187.D
Acq: 12 Jul 2022 14:01

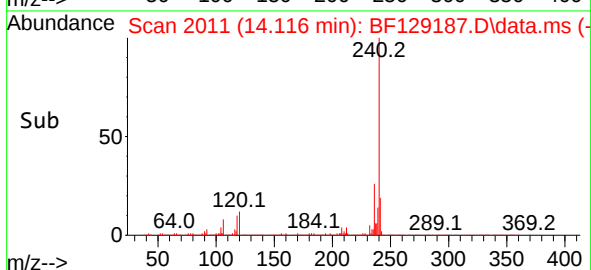
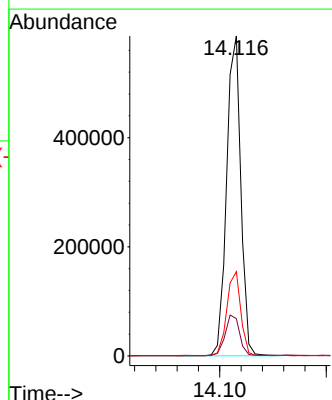
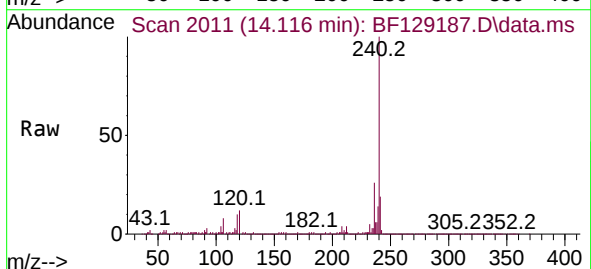
Instrument :
BNA_F
ClientSampleId :
20220495A-SIM/C1A-COMPOSITE

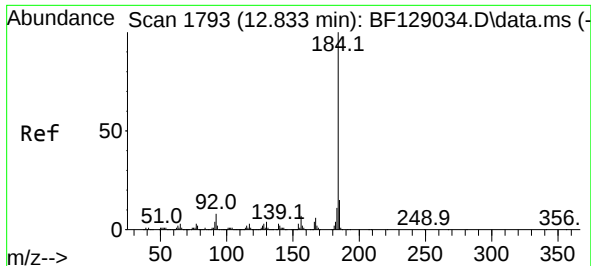
Tgt Ion:248 Resp: 36618
Ion Ratio Lower Upper
248 100
250 193.6 80.6 120.8#
141 552.8 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF129187.D
Acq: 12 Jul 2022 14:01

Tgt Ion:240 Resp: 540062
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 26.3 20.8 31.2

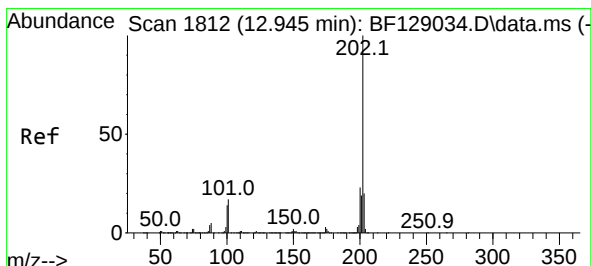
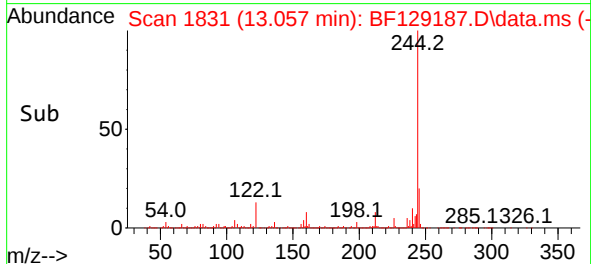
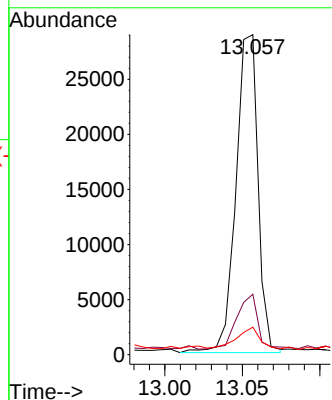
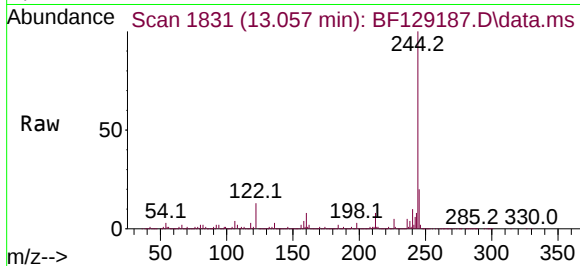




#77
Benzidine
Concen: 2.974 ng
RT: 13.057 min Scan# 1806
Delta R.T. 0.253 min
Lab File: BF129187.D
Acq: 12 Jul 2022 14:01

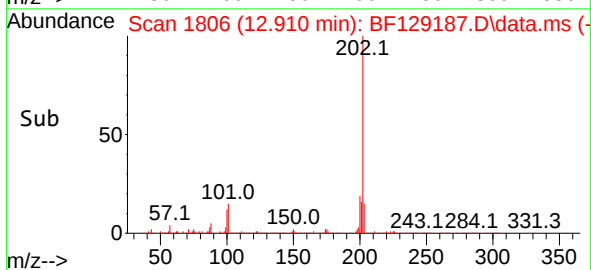
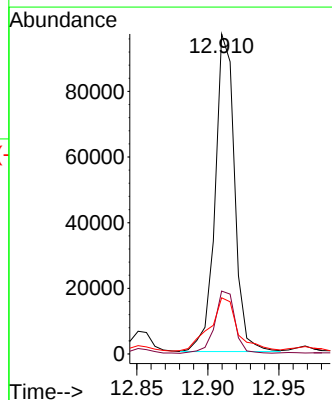
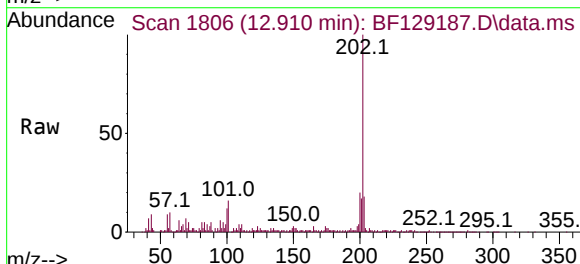
Instrument :
BNA_F
ClientSampleId :
20220495A-SIM/C1A-COMPOSITE

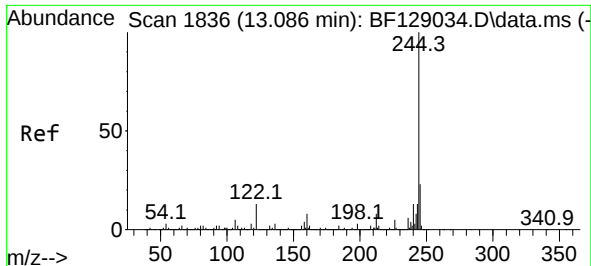
Tgt Ion:184 Resp: 28599
Ion Ratio Lower Upper
184 100
185 18.9 11.9 17.9#
183 8.6 9.3 13.9#



#78
Pyrene
Concen: 2.460 ng
RT: 12.910 min Scan# 1806
Delta R.T. -0.012 min
Lab File: BF129187.D
Acq: 12 Jul 2022 14:01

Tgt Ion:202 Resp: 92106
Ion Ratio Lower Upper
202 100
200 19.7 17.7 26.5
203 17.6 14.6 21.8

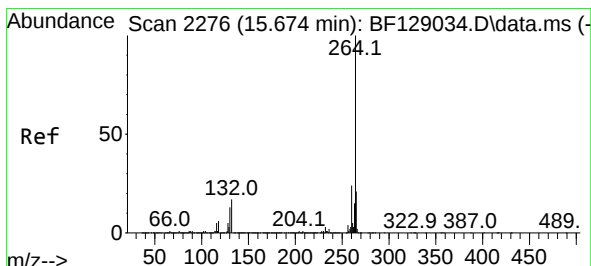
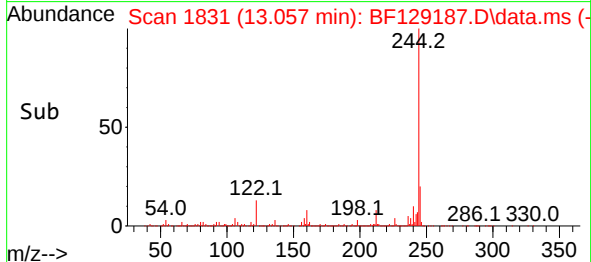
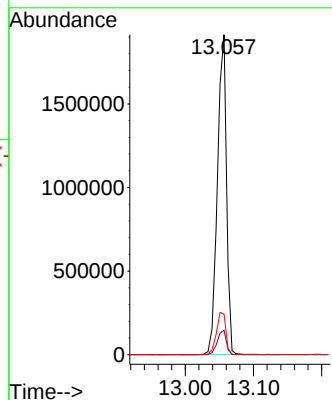
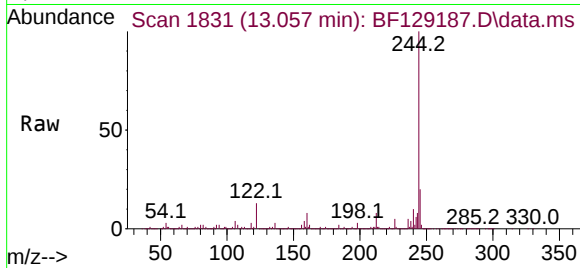




#79
 Terphenyl-d14
 Concen: 68.422 ng
 RT: 13.057 min Scan# 1831
 Delta R.T. -0.006 min
 Lab File: BF129187.D
 Acq: 12 Jul 2022 14:01

Instrument :
 BNA_F
 ClientSampleId :
 20220495A-SIM/C1A-COMPOSITE

Tgt Ion:244 Resp: 1779421
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 12.7 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.627 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: BF129187.D
 Acq: 12 Jul 2022 14:01

Tgt Ion:264 Resp: 490126
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.4 27.6
 265 21.5 17.2 25.8

