

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
 Data File : BF127916.D
 Acq On : 26 Apr 2022 16:51
 Operator : CG\JU
 Sample : N2559-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-10S

Quant Time: Apr 27 01:47:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

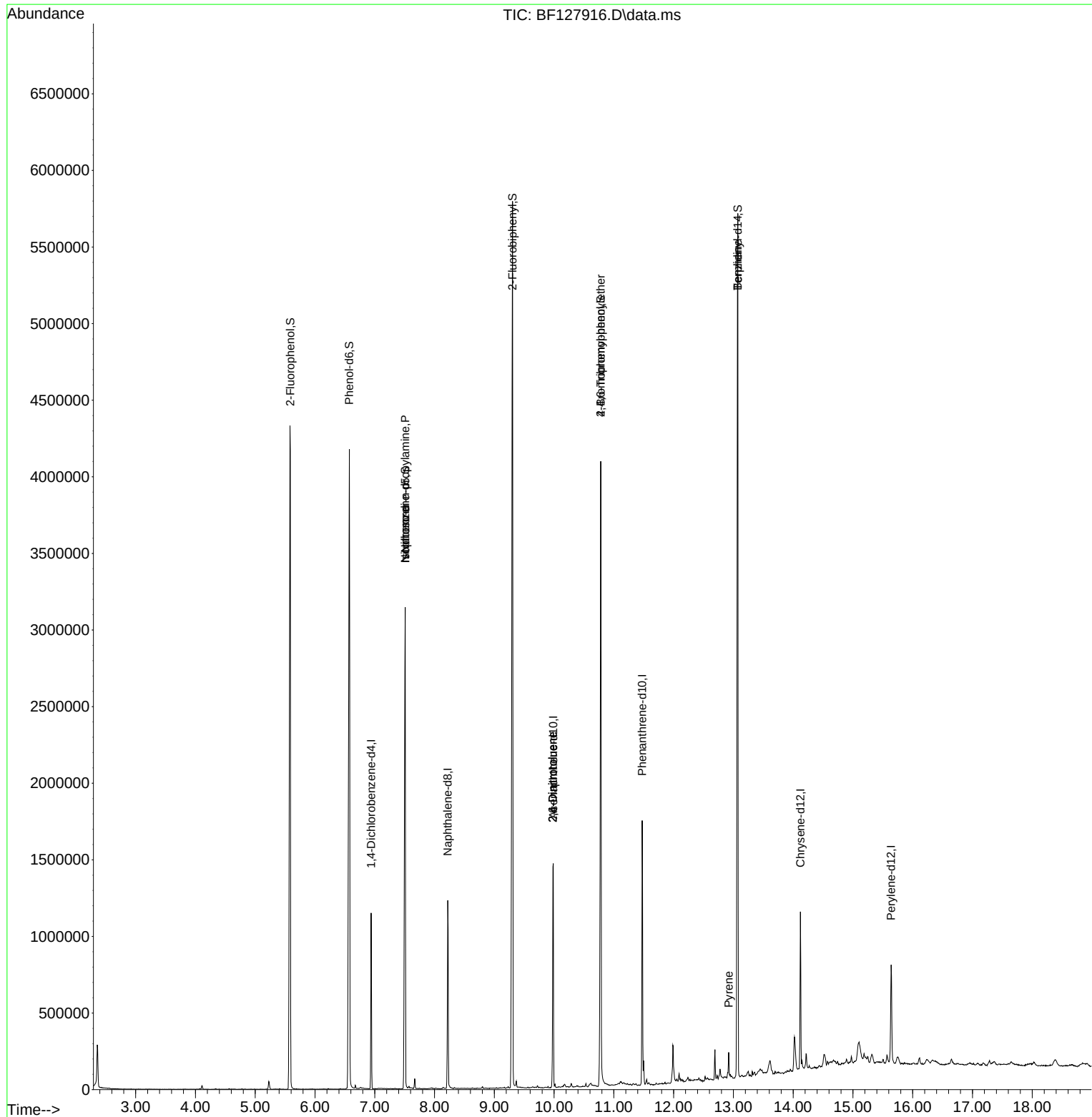
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	149558	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	589565	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	344871	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	634415	20.000	ng	0.00
76) Chrysene-d12	14.121	240	340237	20.000	ng	0.00
86) Perylene-d12	15.639	264	312985	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1372593	146.180	ng	0.02
7) Phenol-d6	6.575	99	1825703	149.847	ng	0.00
23) Nitrobenzene-d5	7.510	82	1325533	105.725	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	557832	160.679	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	2159799	105.948	ng	0.00
79) Terphenyl-d14	13.074	244	2334318	125.455	ng	0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.510	70	181284	24.307	ng	# 79
25) Isophorone	7.510	82	1325522	62.817	ng	# 68
51) 2,6-Dinitrotoluene	9.980	165	44934	8.973	ng	# 21
57) 2,4-Dinitrotoluene	9.980	165	44934	6.774	ng	# 26
67) 4-Bromophenyl-phenylether	10.780	248	34464	4.900	ng	# 1
77) Benzidine	13.074	184	33908	5.267	ng	# 94
78) Pyrene	12.921	202	65116	2.371	ng	97

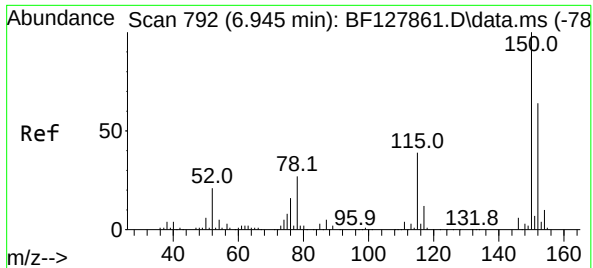
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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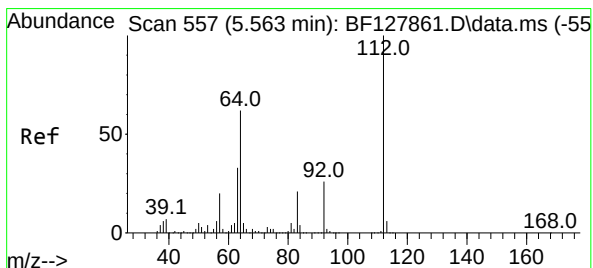
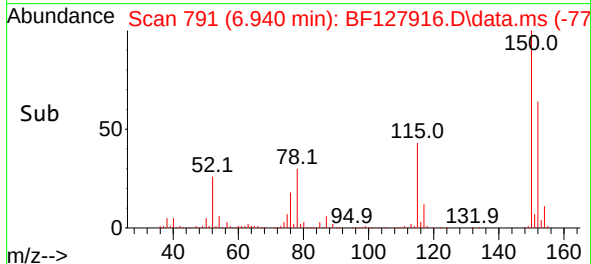
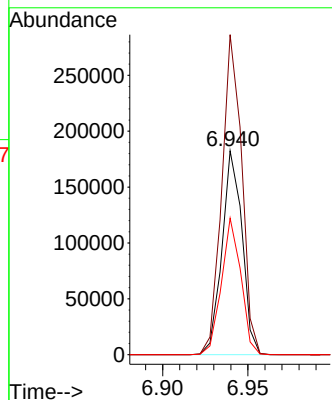
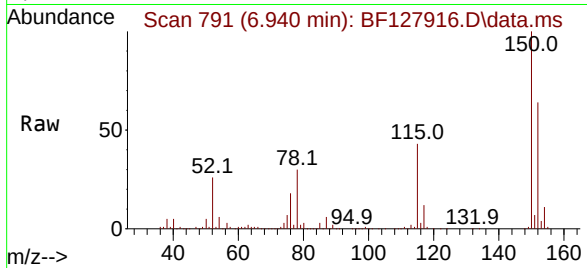




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF127916.D
Acq: 26 Apr 2022 16:51

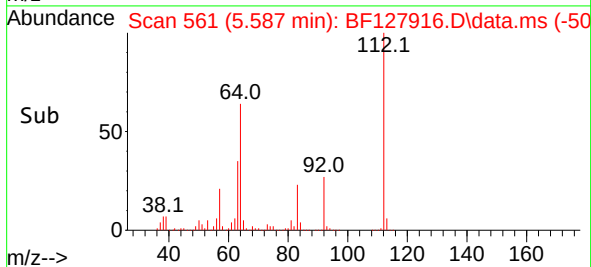
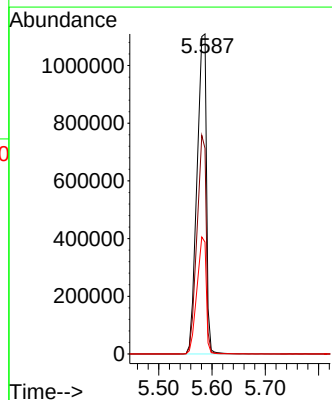
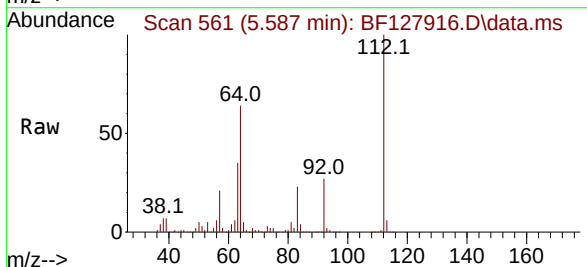
Instrument :
BNA_F
ClientSampleId :
MH-10S

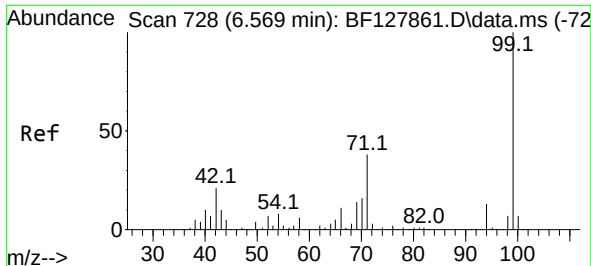
Tgt Ion:152 Resp: 149558
Ion Ratio Lower Upper
152 100
150 157.0 125.3 187.9
115 66.9 48.8 73.2



#5
2-Fluorophenol
Concen: 146.180 ng
RT: 5.587 min Scan# 561
Delta R.T. 0.024 min
Lab File: BF127916.D
Acq: 26 Apr 2022 16:51

Tgt Ion:112 Resp: 1372593
Ion Ratio Lower Upper
112 100
64 64.3 49.5 74.3
63 35.0 26.3 39.5

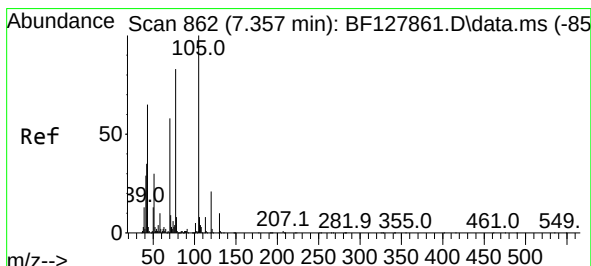
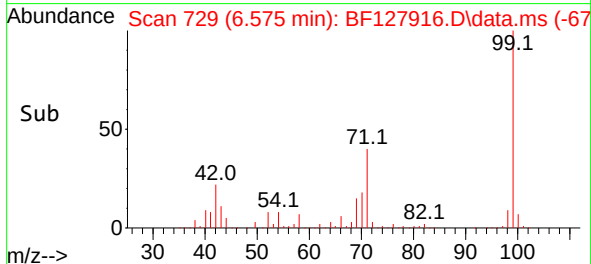
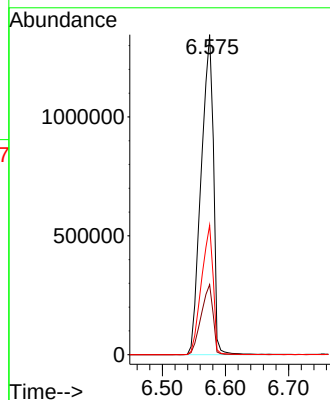
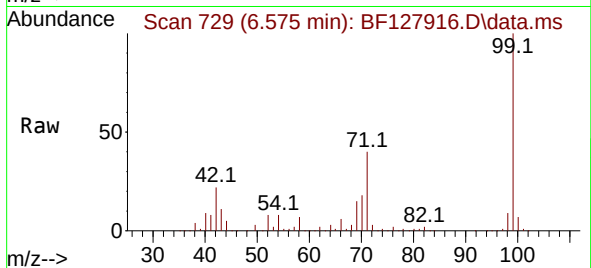




#7
Phenol-d6
Concen: 149.847 ng
RT: 6.575 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF127916.D
Acq: 26 Apr 2022 16:51

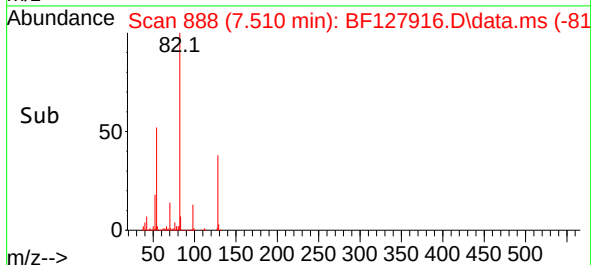
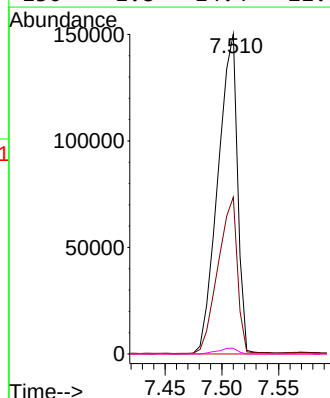
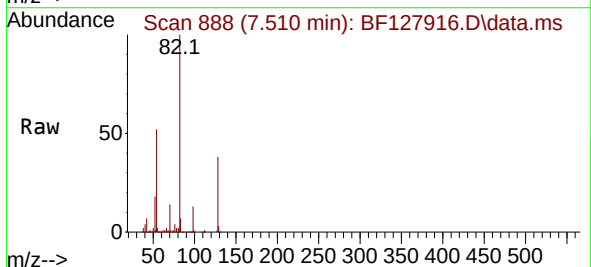
Instrument :
BNA_F
ClientSampleId :
MH-10S

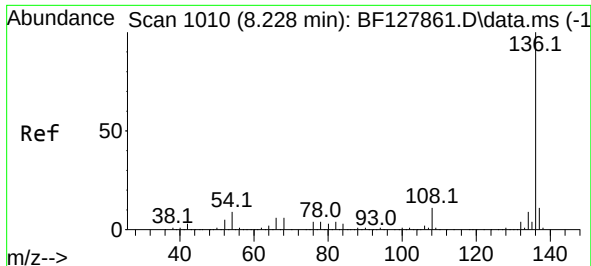
Tgt Ion: 99 Resp: 1825703
Ion Ratio Lower Upper
99 100
42 21.9 16.6 24.8
71 40.5 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 24.307 ng
RT: 7.510 min Scan# 888
Delta R.T. 0.153 min
Lab File: BF127916.D
Acq: 26 Apr 2022 16:51

Tgt Ion: 70 Resp: 181284
Ion Ratio Lower Upper
70 100
42 49.0 48.7 73.1
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

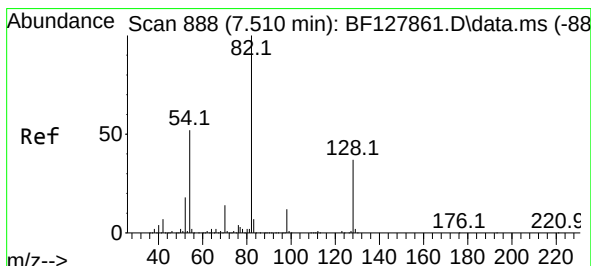
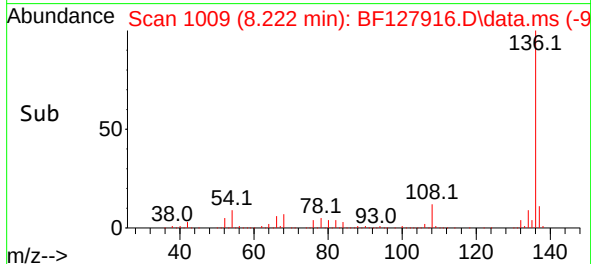
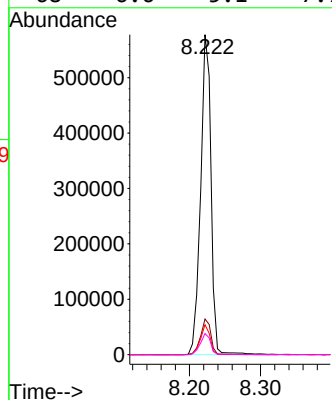
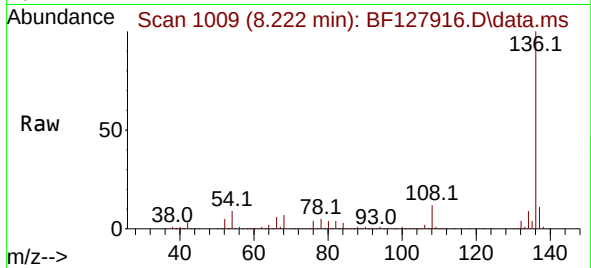




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127916.D
Acq: 26 Apr 2022 16:51

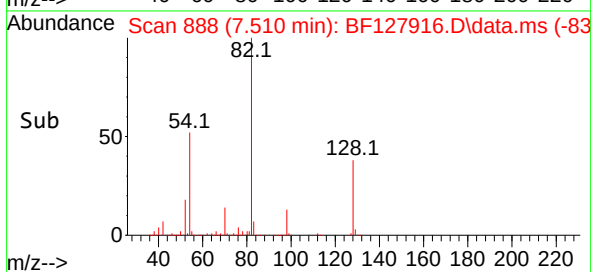
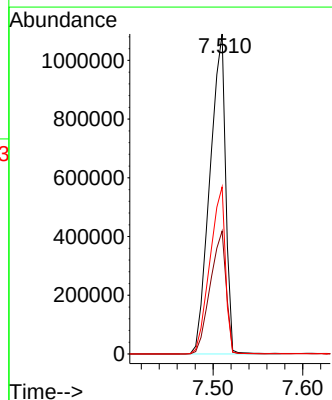
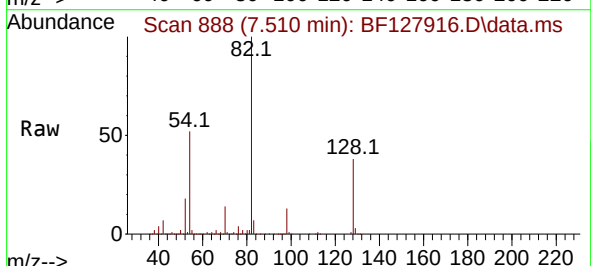
Instrument :
BNA_F
ClientSampleId :
MH-10S

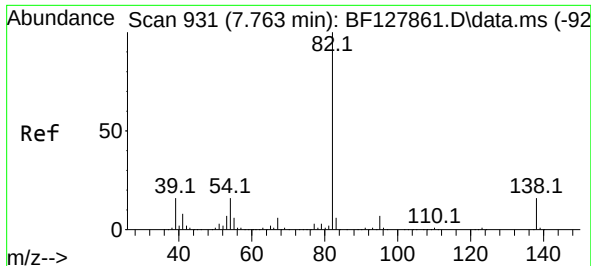
Tgt Ion:136	Resp: 589565
Ion Ratio	Lower Upper
136 100	
137 11.2	8.6 13.0
54 9.4	6.8 10.2
68 6.6	5.1 7.7



#23
Nitrobenzene-d5
Concen: 105.725 ng
RT: 7.510 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF127916.D
Acq: 26 Apr 2022 16:51

Tgt Ion: 82		Resp: 1325533	
Ion	Ratio	Lower	Upper
82	100		
128	38.4	30.0	45.0
54	52.2	41.3	61.9

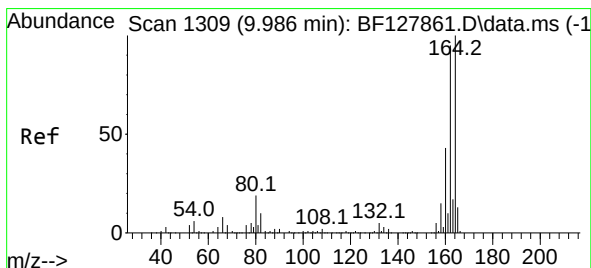
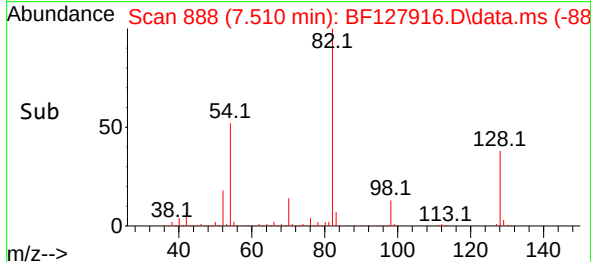
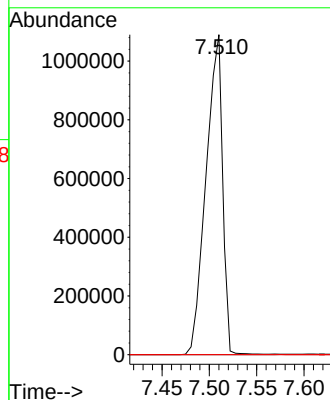
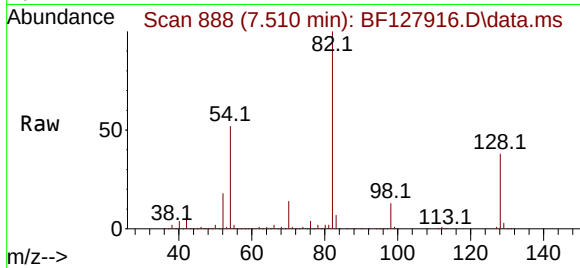




#25
Isophorone
Concen: 62.817 ng
RT: 7.510 min Scan# 88
Delta R.T. -0.253 min
Lab File: BF127916.D
Acq: 26 Apr 2022 16:51

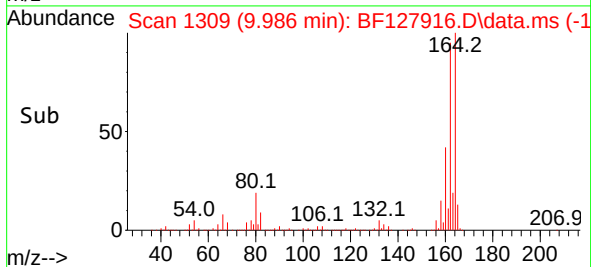
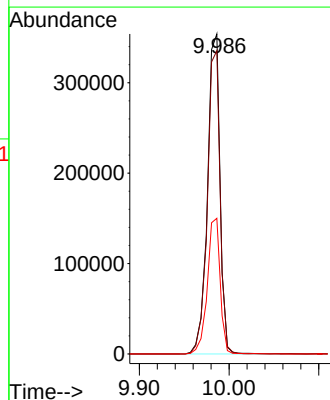
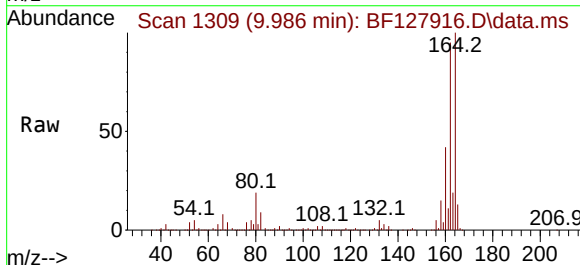
Instrument :
BNA_F
ClientSampleId :
MH-10S

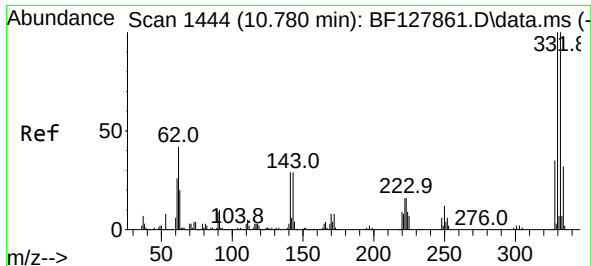
Tgt Ion: 82 Resp: 1325522
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BF127916.D
Acq: 26 Apr 2022 16:51

Tgt Ion: 164 Resp: 344871
Ion Ratio Lower Upper
164 100
162 94.8 76.0 114.0
160 42.4 34.8 52.2

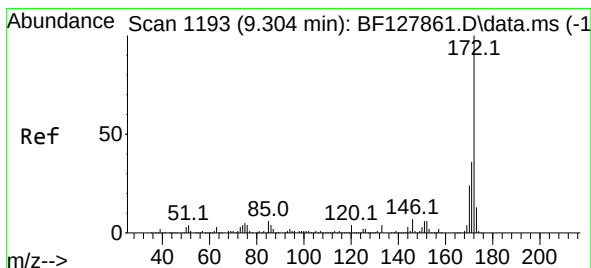
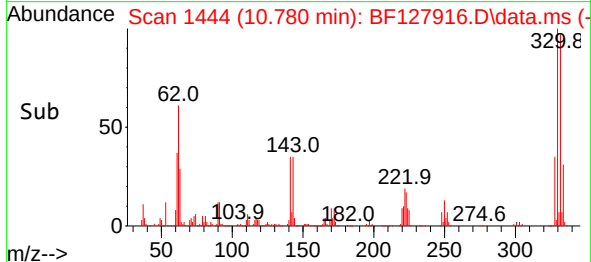
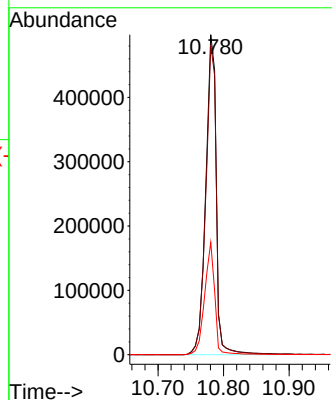
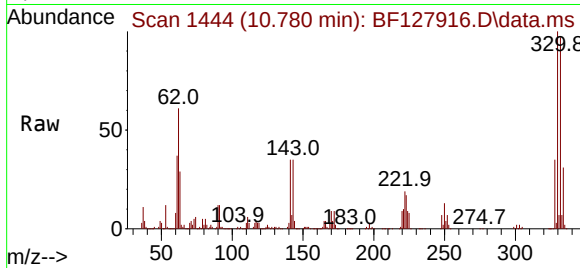




#42
2,4,6-Tribromophenol
Concen: 160.679 ng
RT: 10.780 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF127916.D
Acq: 26 Apr 2022 16:51

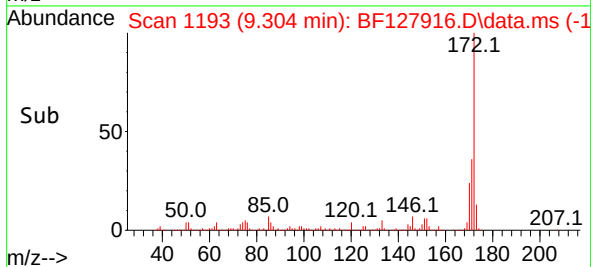
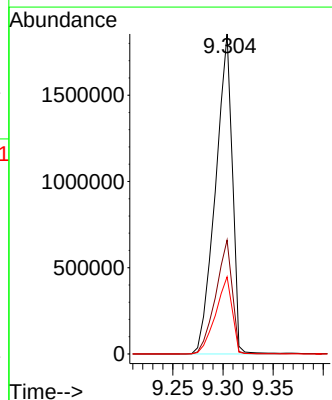
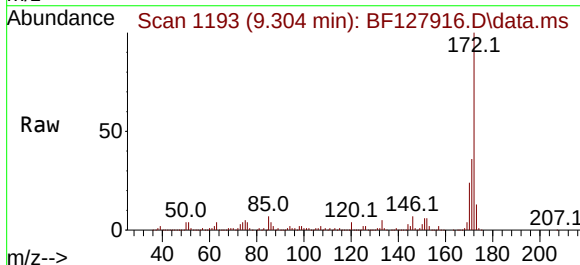
Instrument :
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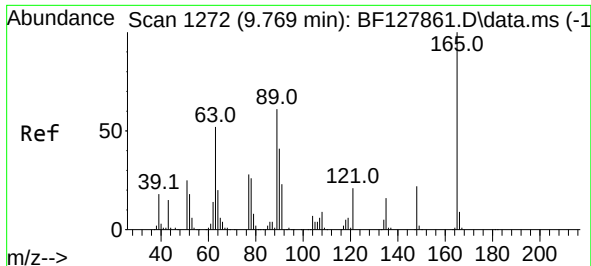
Tgt Ion:330 Resp: 557832
Ion Ratio Lower Upper
330 100
332 97.4 79.0 118.4
141 34.0 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 105.948 ng
RT: 9.304 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF127916.D
Acq: 26 Apr 2022 16:51

Tgt Ion:172 Resp: 2159799
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 24.1 19.1 28.7

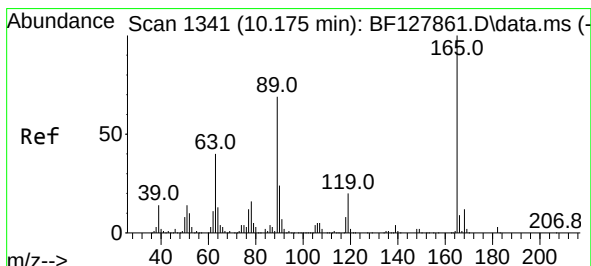
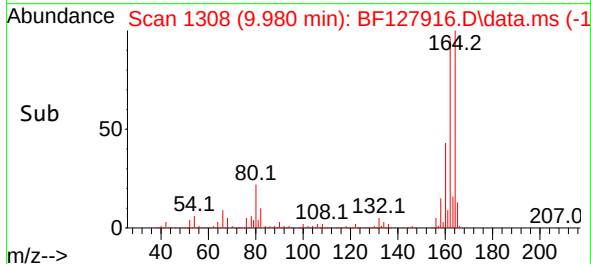
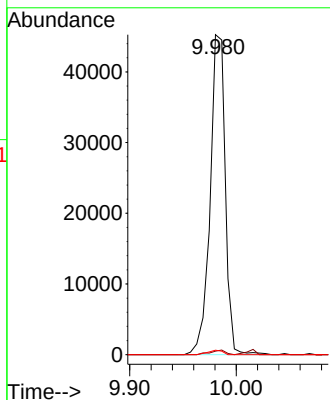
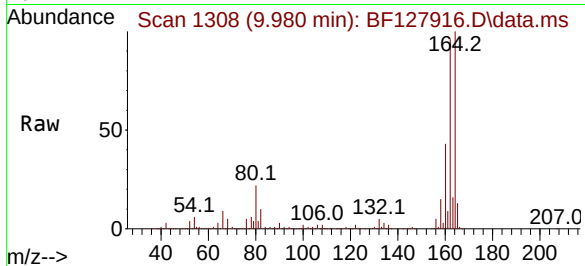




#51
2,6-Dinitrotoluene
Concen: 8.973 ng
RT: 9.980 min Scan# 1308
Delta R.T. 0.211 min
Lab File: BF127916.D
Acq: 26 Apr 2022 16:51

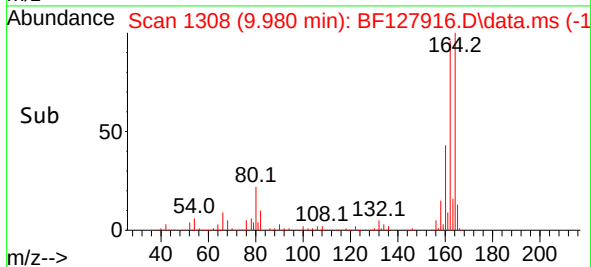
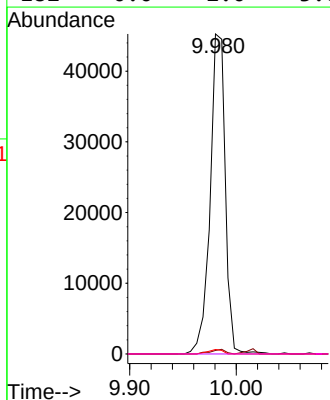
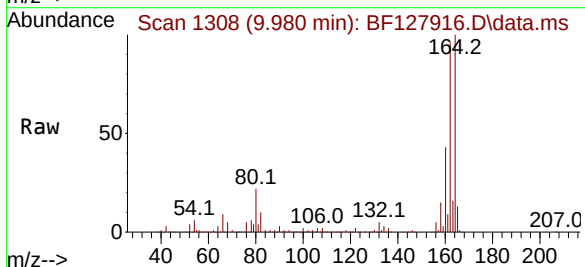
Instrument :
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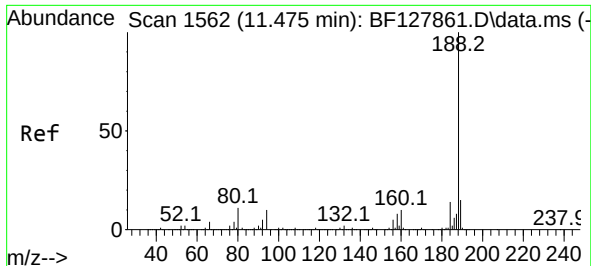
Tgt Ion:165 Resp: 44934
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.4 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.774 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.194 min
Lab File: BF127916.D
Acq: 26 Apr 2022 16:51

Tgt Ion:165 Resp: 44934
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.4 55.2 82.8#
182 0.0 2.0 3.0#

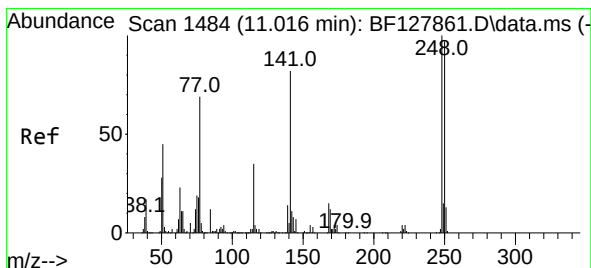
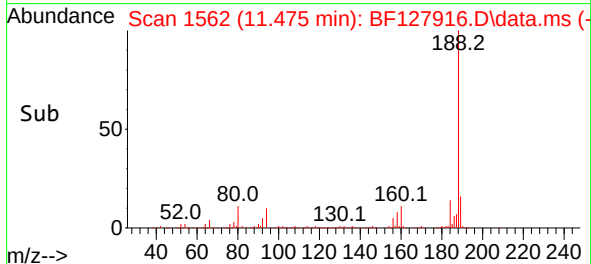
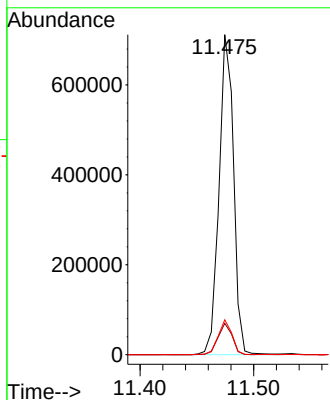
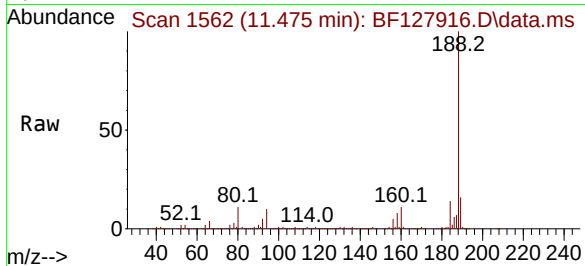




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.475 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127916.D
Acq: 26 Apr 2022 16:51

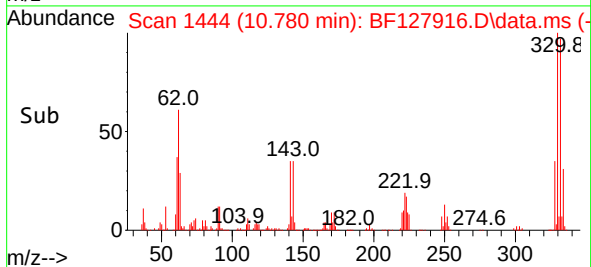
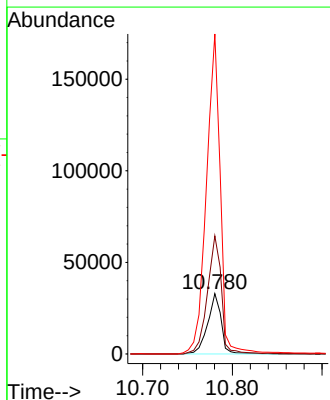
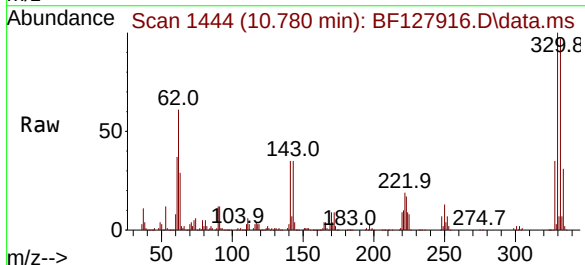
Instrument :
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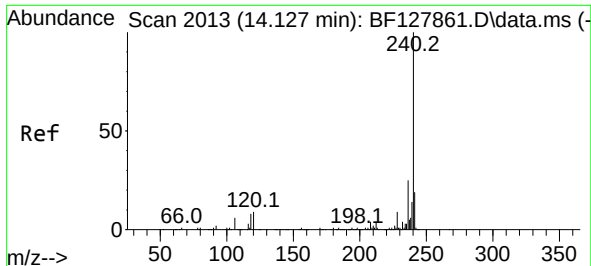
Tgt Ion:188 Resp: 634415
Ion Ratio Lower Upper
188 100
94 9.8 8.0 12.0
80 10.9 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.900 ng
RT: 10.780 min Scan# 1444
Delta R.T. -0.235 min
Lab File: BF127916.D
Acq: 26 Apr 2022 16:51

Tgt Ion:248 Resp: 34464
Ion Ratio Lower Upper
248 100
250 195.6 77.7 116.5#
141 529.8 65.6 98.4#

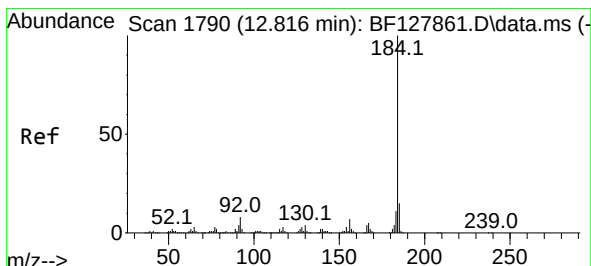
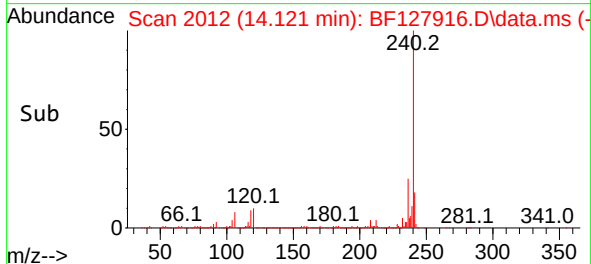
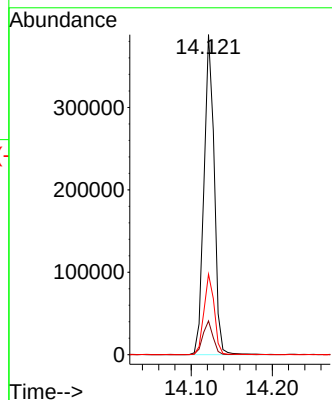
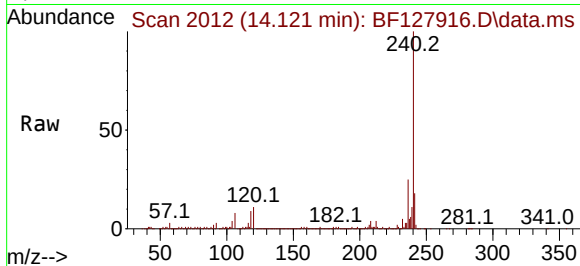




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF127916.D
Acq: 26 Apr 2022 16:51

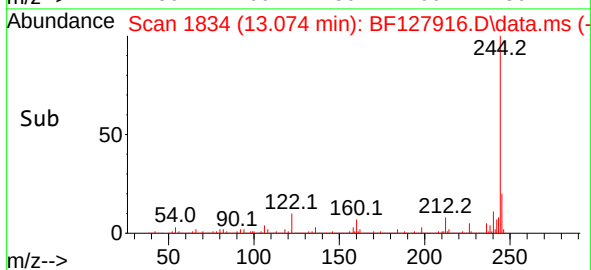
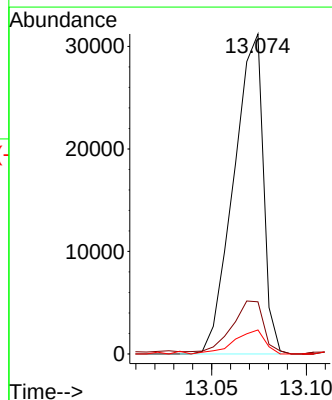
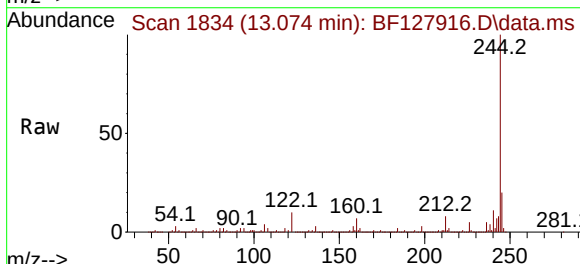
Instrument :
BNA_F
ClientSampleId :
MH-10S

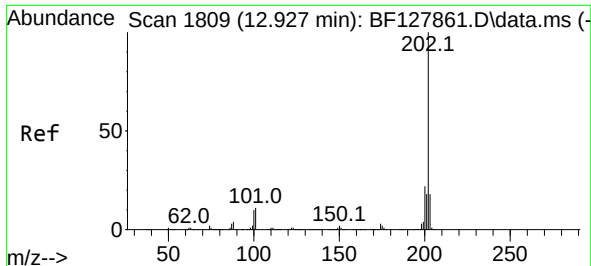
Tgt Ion:240 Resp: 340237
Ion Ratio Lower Upper
240 100
120 10.5 7.0 10.6
236 25.2 20.3 30.5



#77
Benzidine
Concen: 5.267 ng
RT: 13.074 min Scan# 1834
Delta R.T. 0.258 min
Lab File: BF127916.D
Acq: 26 Apr 2022 16:51

Tgt Ion:184 Resp: 33908
Ion Ratio Lower Upper
184 100
185 16.3 12.1 18.1
183 7.5 9.0 13.4#

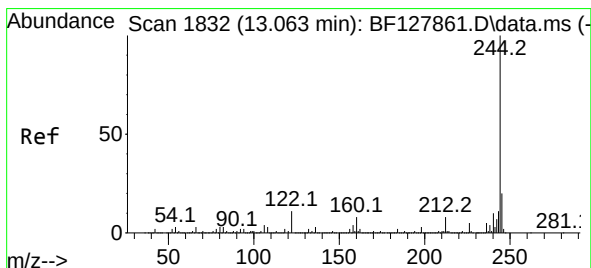
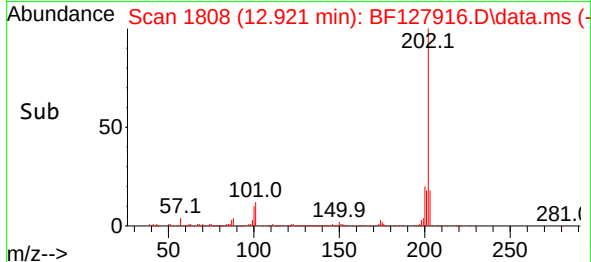
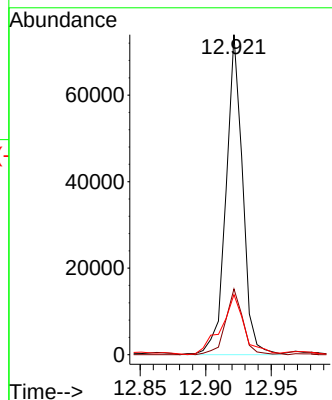
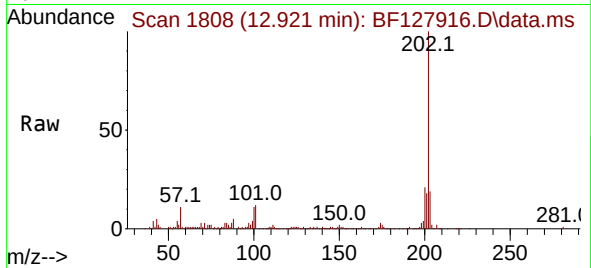




#78
 Pyrene
 Concen: 2.371 ng
 RT: 12.921 min Scan# 1808
 Delta R.T. -0.006 min
 Lab File: BF127916.D
 Acq: 26 Apr 2022 16:51

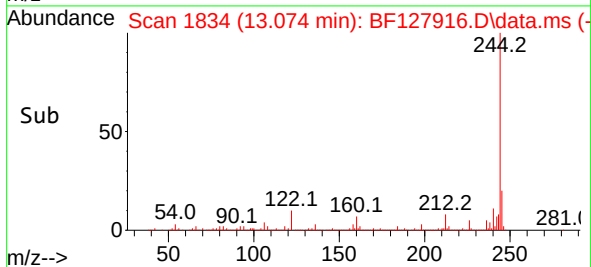
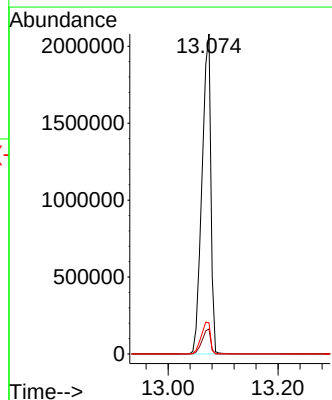
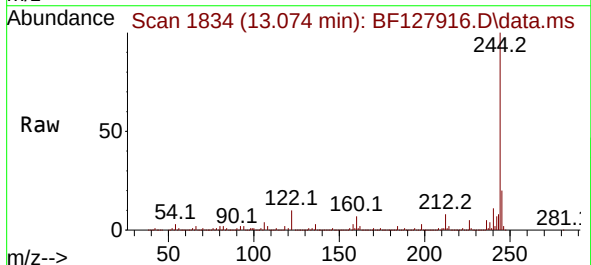
Instrument :
 BNA_F
 ClientSampleId :
 MH-10S

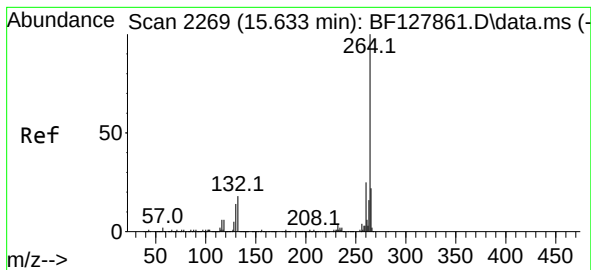
Tgt Ion:202 Resp: 65116
 Ion Ratio Lower Upper
 202 100
 200 20.6 17.4 26.2
 203 18.7 14.0 21.0



#79
 Terphenyl-d14
 Concen: 125.455 ng
 RT: 13.074 min Scan# 1834
 Delta R.T. 0.012 min
 Lab File: BF127916.D
 Acq: 26 Apr 2022 16:51

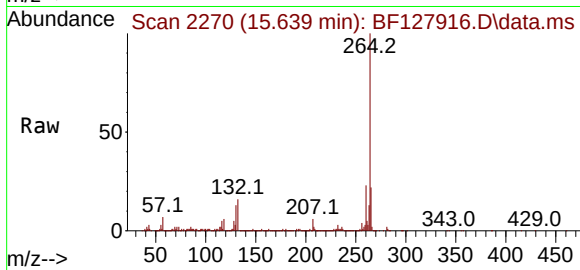
Tgt Ion:244 Resp: 2334318
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 9.7 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF127916.D
Acq: 26 Apr 2022 16:51

Instrument :
BNA_F
ClientSampleId :
MH-10S



Tgt Ion:264 Resp: 312985

Ion	Ratio	Lower	Upper
264	100		
260	23.0	20.1	30.1
265	22.2	17.5	26.3

