

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
 Data File : BF128199.D
 Acq On : 11 May 2022 17:21
 Operator : CG\JU
 Sample : N2764-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NYE-CON-0510

Quant Time: May 12 06:00:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

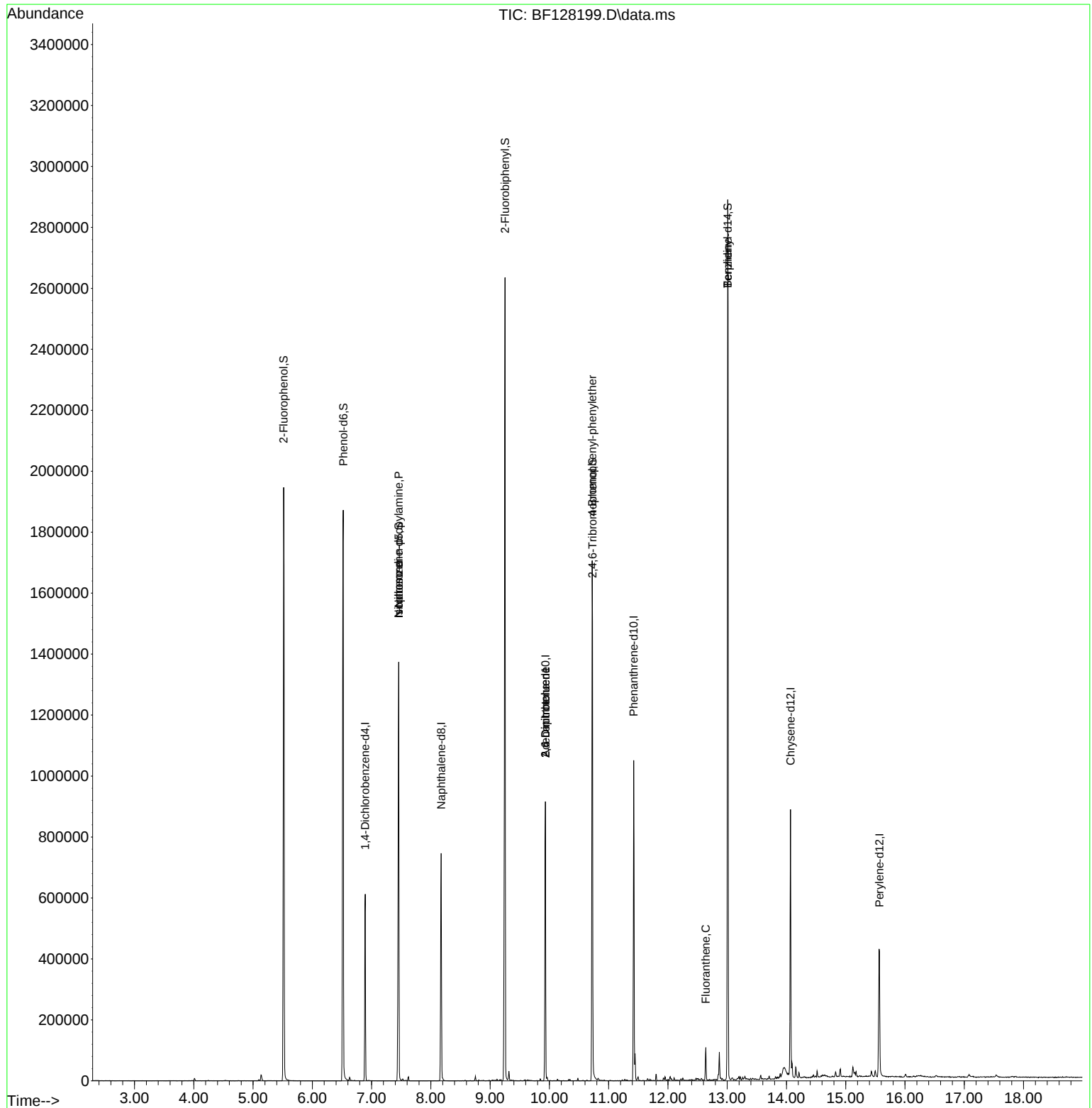
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	85574	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	331546	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	197219	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	373138	20.000	ng	0.00
76) Chrysene-d12	14.068	240	281489	20.000	ng	-0.01
86) Perylene-d12	15.568	264	201063	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	503352	93.768	ng	0.00
7) Phenol-d6	6.522	99	670142	94.385	ng	0.00
23) Nitrobenzene-d5	7.457	82	481602	65.362	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	217592	96.200	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	841210	66.740	ng	0.00
79) Terphenyl-d14	13.010	244	1048678	69.905	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.522	77	1227	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.457	70	65808	15.051	ng	# 76
25) Isophorone	7.457	82	478676	41.438	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	24312	8.708	ng	# 21
57) 2,4-Dinitrotoluene	9.933	165	24312	6.513	ng	# 26
67) 4-Bromophenyl-phenylether	10.722	248	12973	3.232	ng	# 1
75) Fluoranthene	12.639	202	41309	2.051	ng	97
77) Benzidine	13.010	184	15255	2.502	ng	# 94

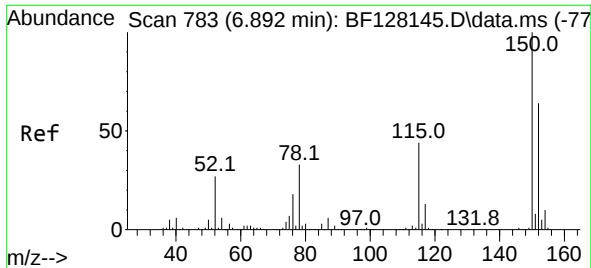
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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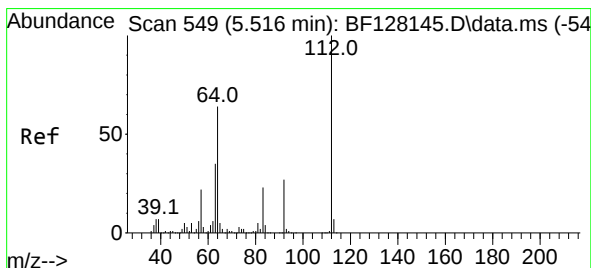
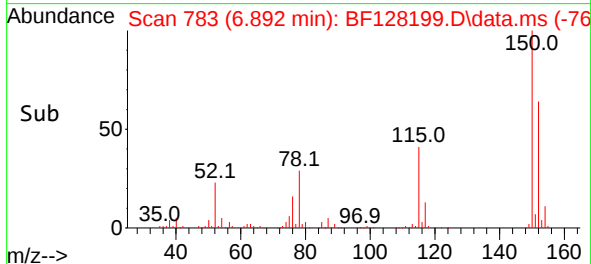
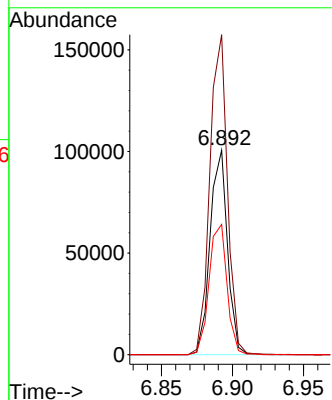
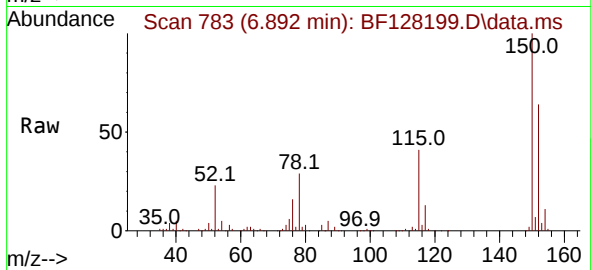




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF128199.D
Acq: 11 May 2022 17:21

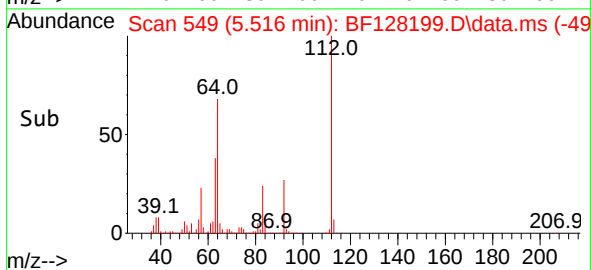
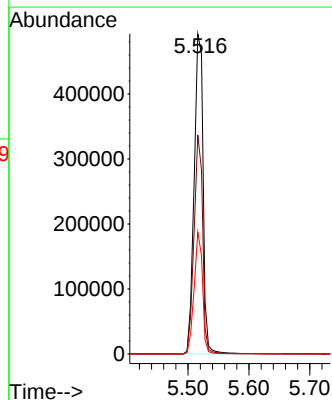
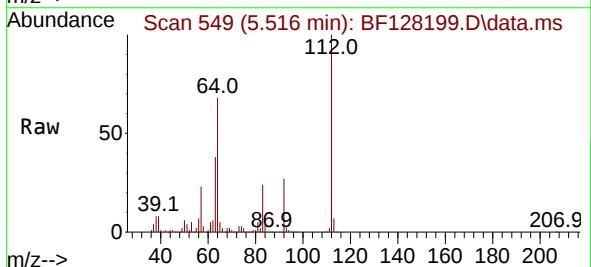
Instrument :
BNA_F
ClientSampleId :
NYE-CON-0510

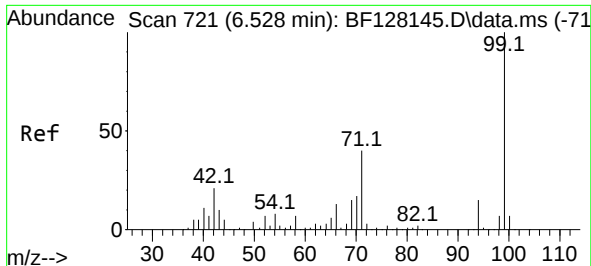
Tgt Ion:152 Resp: 85574
Ion Ratio Lower Upper
152 100
150 156.5 125.3 187.9
115 63.7 48.8 73.2



#5
2-Fluorophenol
Concen: 93.768 ng
RT: 5.516 min Scan# 549
Delta R.T. -0.000 min
Lab File: BF128199.D
Acq: 11 May 2022 17:21

Tgt Ion:112 Resp: 503352
Ion Ratio Lower Upper
112 100
64 68.5 49.5 74.3
63 38.1 26.3 39.5

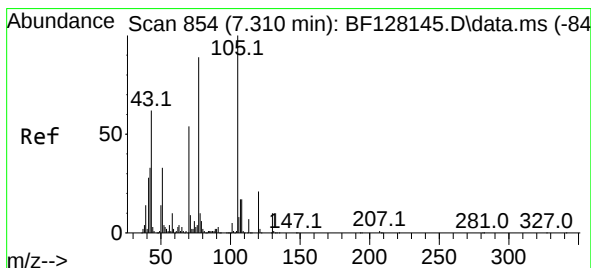
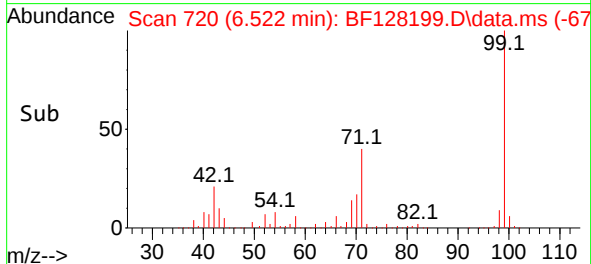
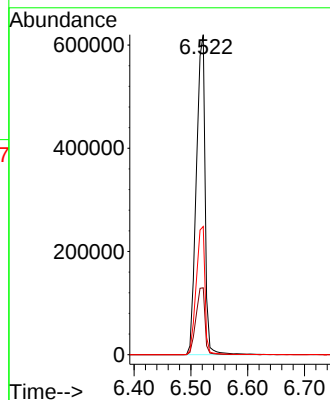
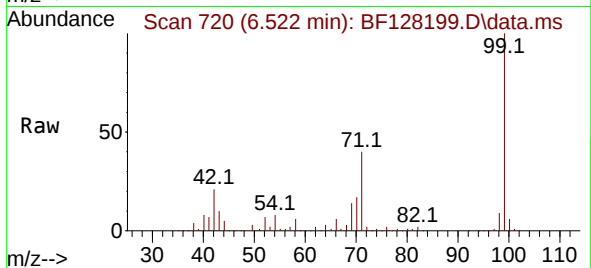




#7
Phenol-d6
Concen: 94.385 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128199.D
Acq: 11 May 2022 17:21

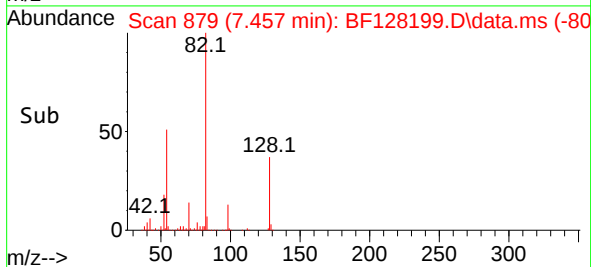
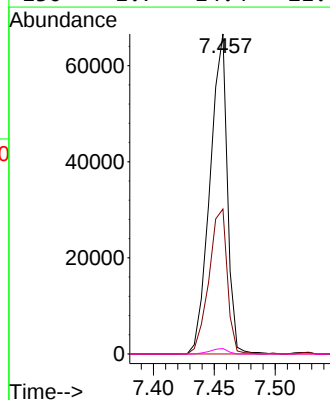
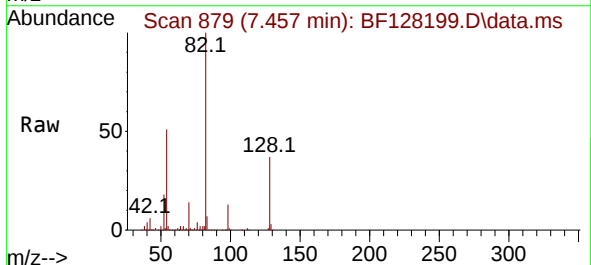
Instrument :
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ClientSampleId :
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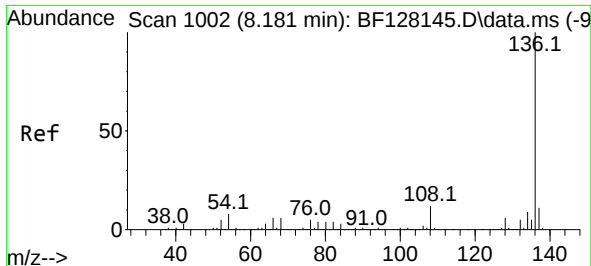
Tgt Ion: 99 Resp: 670142
Ion Ratio Lower Upper
99 100
42 20.9 16.6 24.8
71 40.1 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.051 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128199.D
Acq: 11 May 2022 17:21

Tgt Ion: 70 Resp: 65808
Ion Ratio Lower Upper
70 100
42 45.3 48.7 73.1#
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#

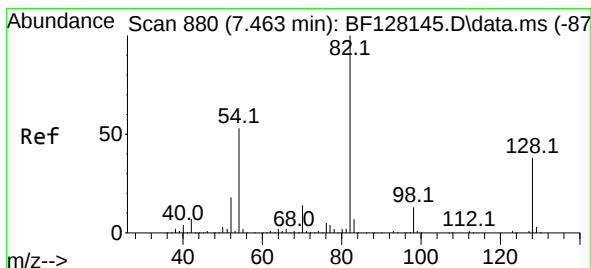
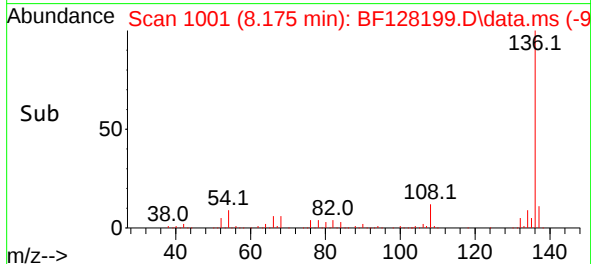
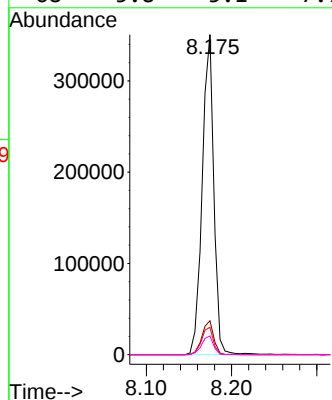
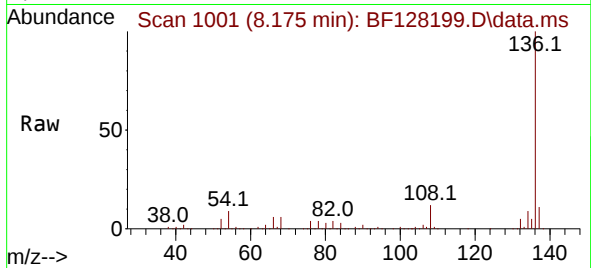




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128199.D
Acq: 11 May 2022 17:21

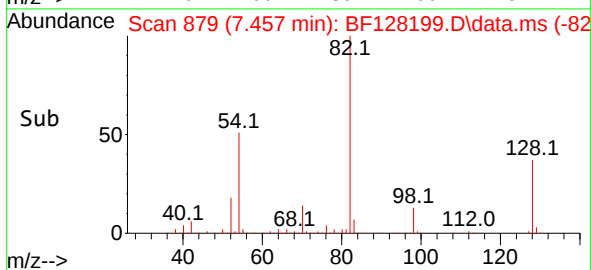
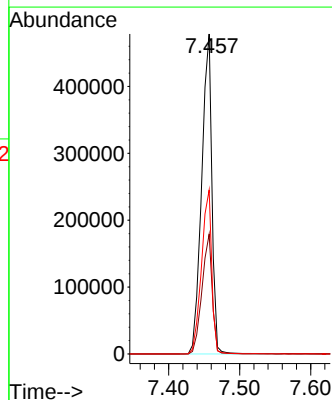
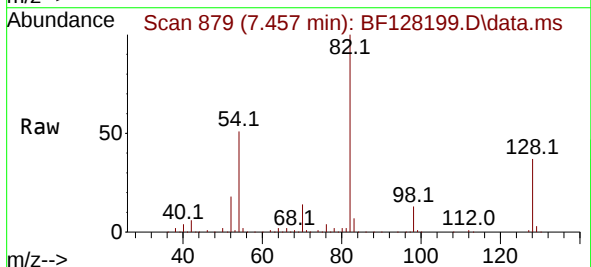
Instrument :
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ClientSampleId :
NYE-CON-0510

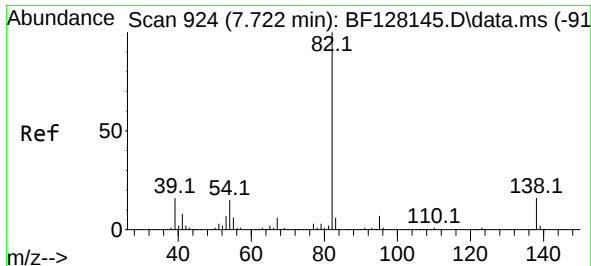
Tgt Ion:	136	Resp:	331546
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.6	13.0
54	8.6	6.8	10.2
68	5.8	5.1	7.7



#23
Nitrobenzene-d5
Concen: 65.362 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128199.D
Acq: 11 May 2022 17:21

Tgt Ion:	82	Resp:	481602
Ion Ratio	Lower	Upper	
82	100		
128	37.5	30.0	45.0
54	51.2	41.3	61.9

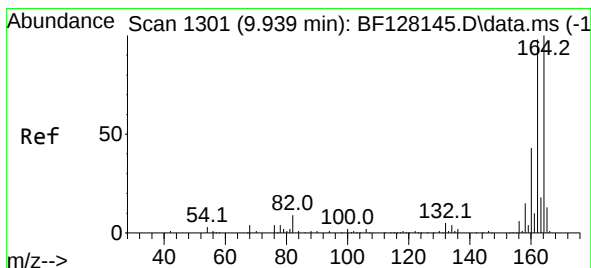
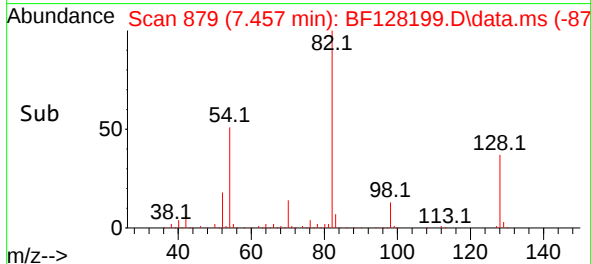
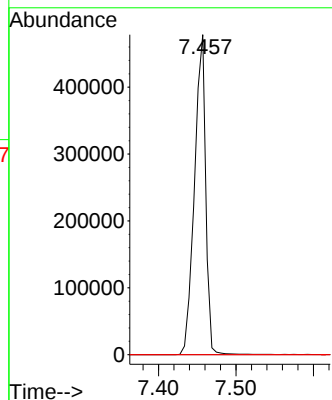
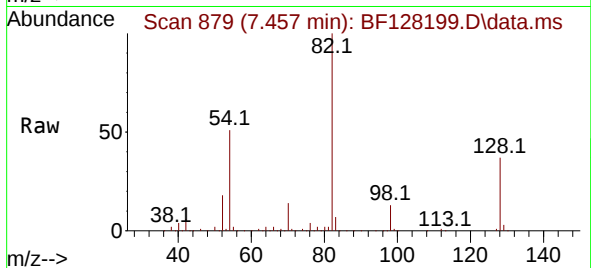




#25
Isophorone
Concen: 41.438 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128199.D
Acq: 11 May 2022 17:21

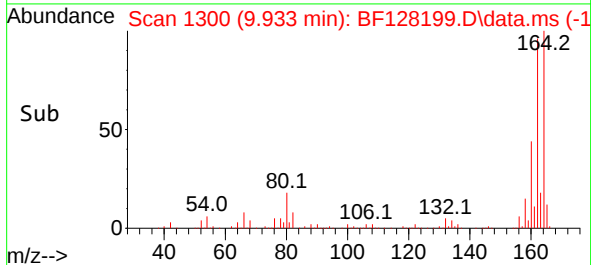
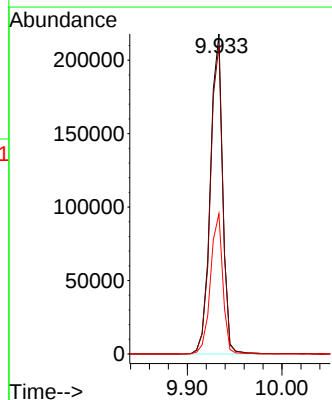
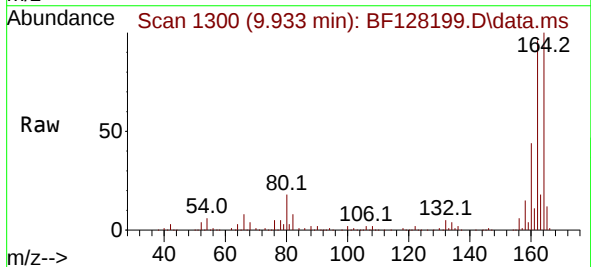
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ClientSampleId :
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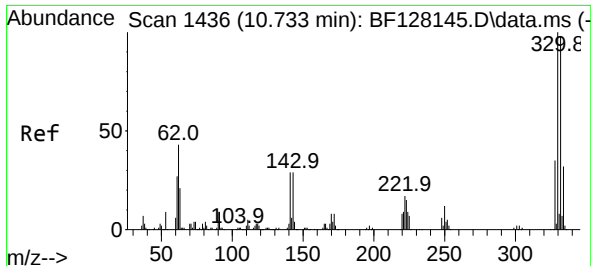
Tgt Ion: 82 Resp: 478676
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128199.D
Acq: 11 May 2022 17:21

Tgt Ion:164 Resp: 197219
Ion Ratio Lower Upper
164 100
162 96.4 76.0 114.0
160 43.8 34.8 52.2

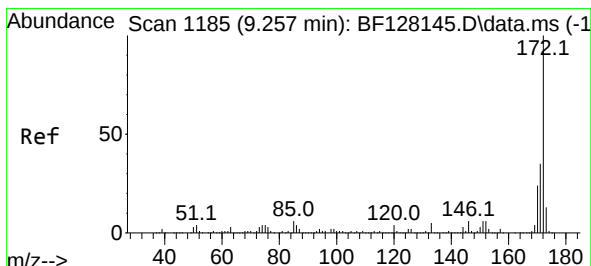
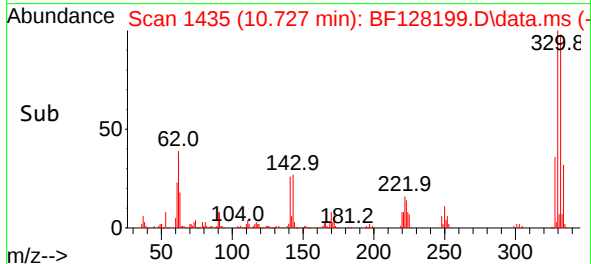
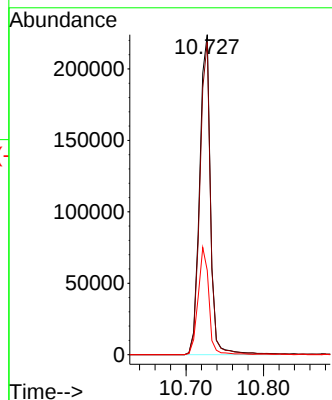
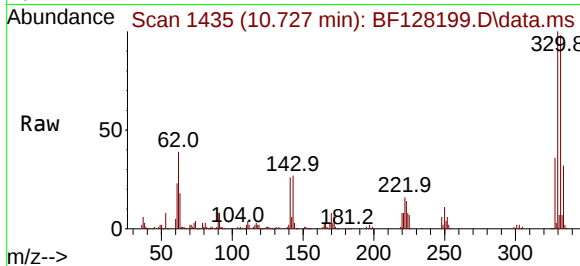




#42
2,4,6-Tribromophenol
Concen: 96.200 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF128199.D
Acq: 11 May 2022 17:21

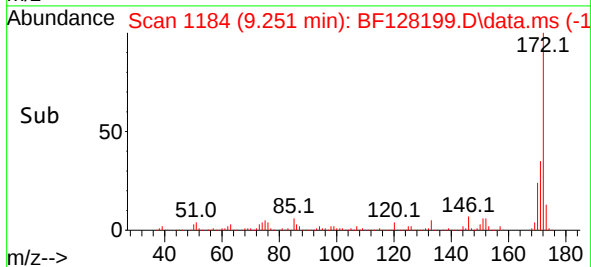
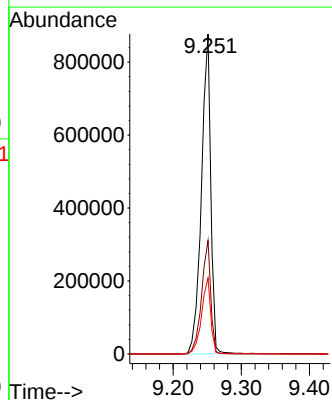
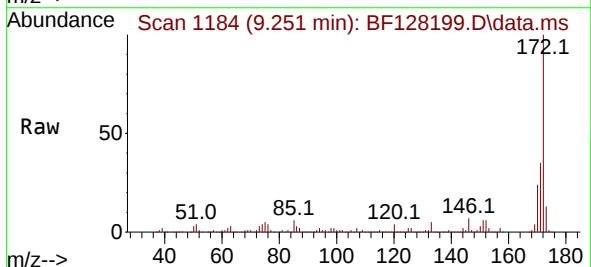
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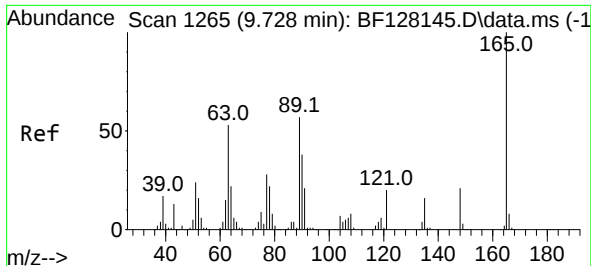
Tgt Ion:330 Resp: 217592
Ion Ratio Lower Upper
330 100
332 96.2 79.0 118.4
141 33.1 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 66.740 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF128199.D
Acq: 11 May 2022 17:21

Tgt Ion:172 Resp: 841210
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.7 19.1 28.7

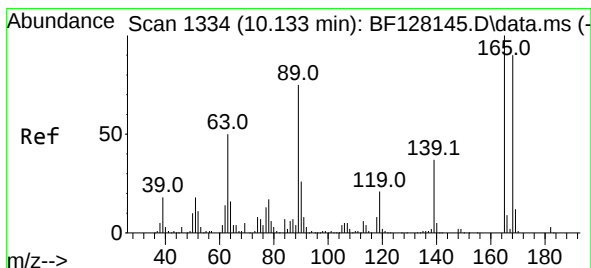
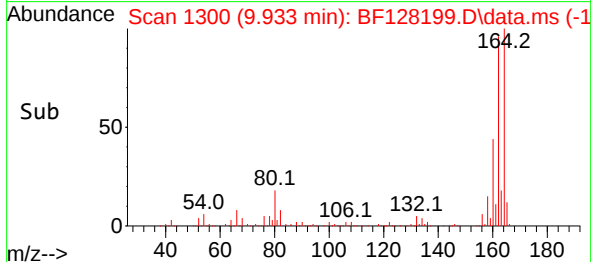
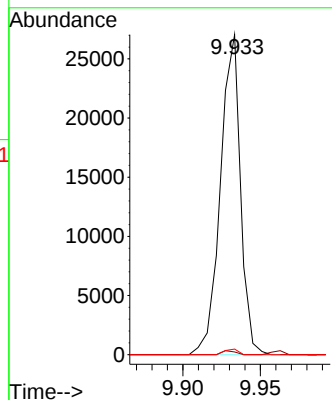
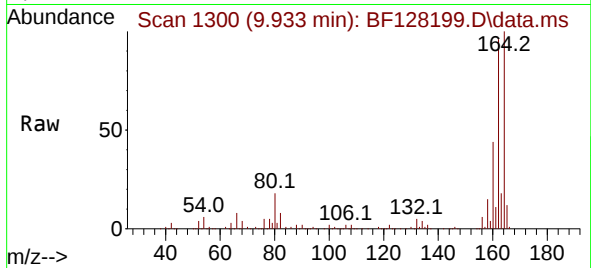




#51
2,6-Dinitrotoluene
Concen: 8.708 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128199.D
Acq: 11 May 2022 17:21

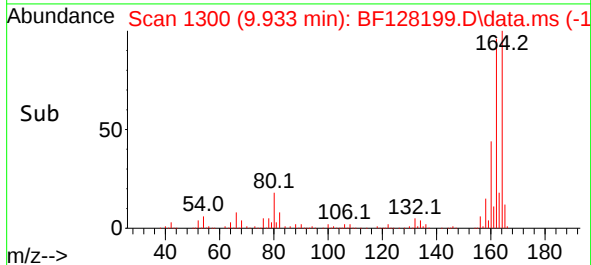
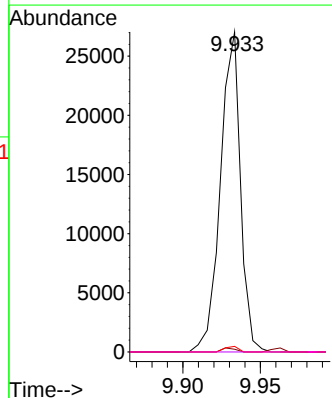
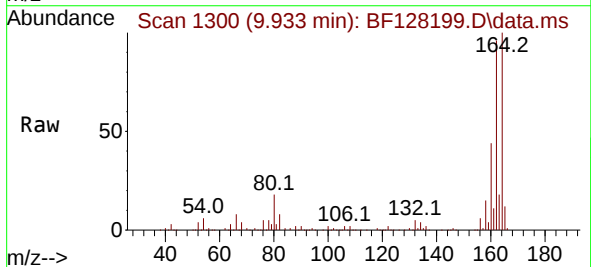
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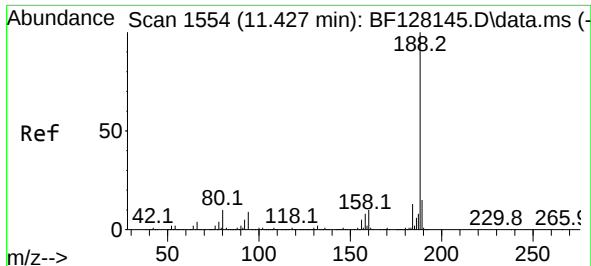
Tgt Ion:165 Resp: 24312
Ion Ratio Lower Upper
165 100
63 0.9 49.5 74.3#
89 1.7 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.513 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.200 min
Lab File: BF128199.D
Acq: 11 May 2022 17:21

Tgt Ion:165 Resp: 24312
Ion Ratio Lower Upper
165 100
63 0.9 32.6 49.0#
89 1.7 55.2 82.8#
182 0.0 2.0 3.0#

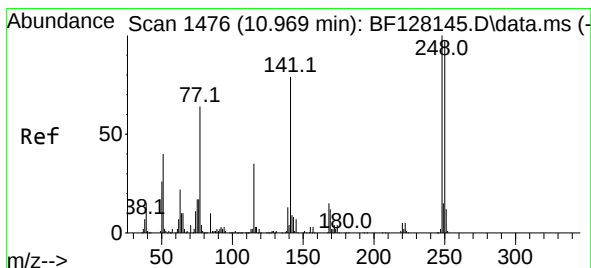
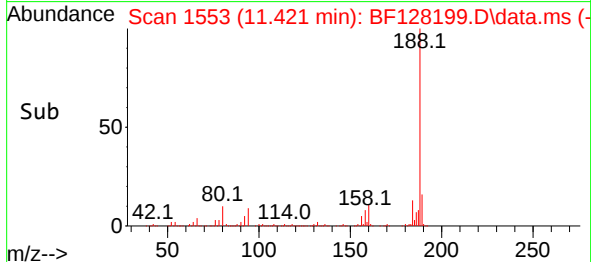
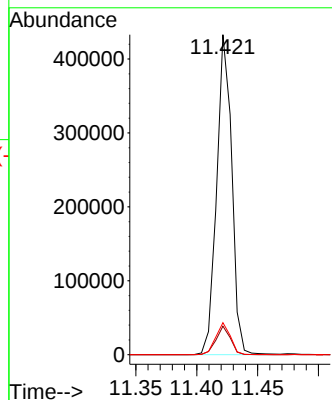
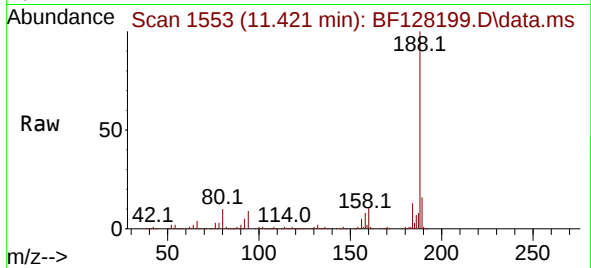




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128199.D
Acq: 11 May 2022 17:21

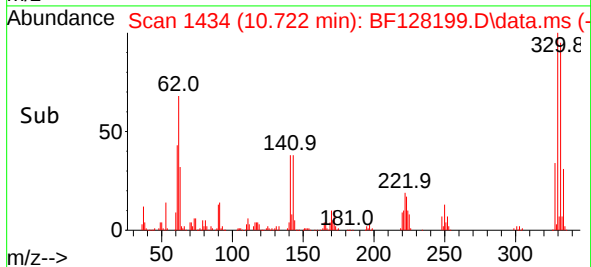
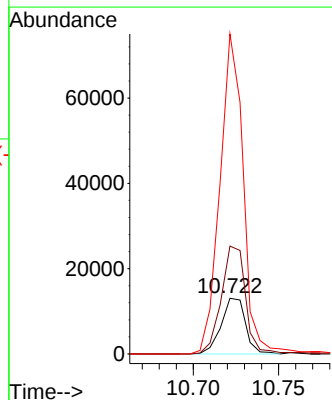
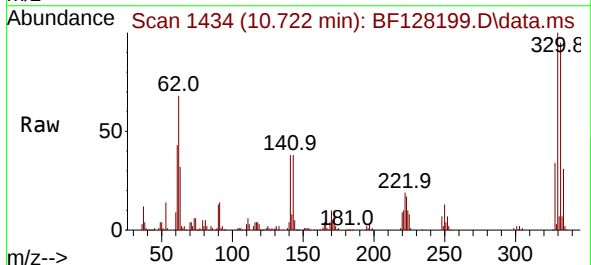
Instrument :
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ClientSampleId :
NYE-CON-0510

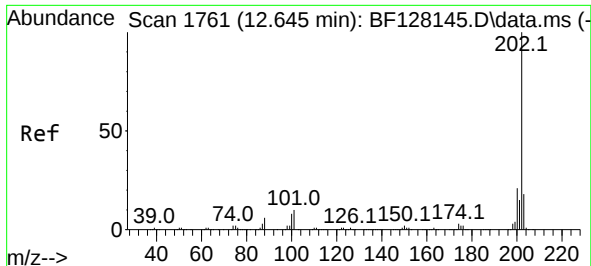
Tgt Ion:188 Resp: 373138
Ion Ratio Lower Upper
188 100
94 8.9 8.0 12.0
80 10.0 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.232 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.247 min
Lab File: BF128199.D
Acq: 11 May 2022 17:21

Tgt Ion:248 Resp: 12973
Ion Ratio Lower Upper
248 100
250 193.8 77.7 116.5#
141 575.1 65.6 98.4#

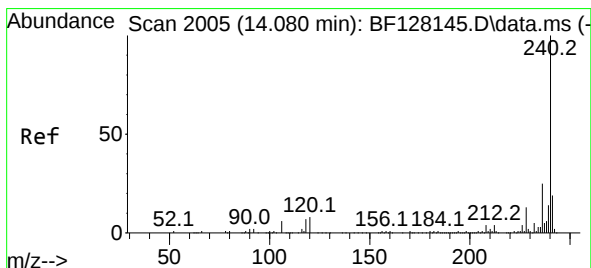
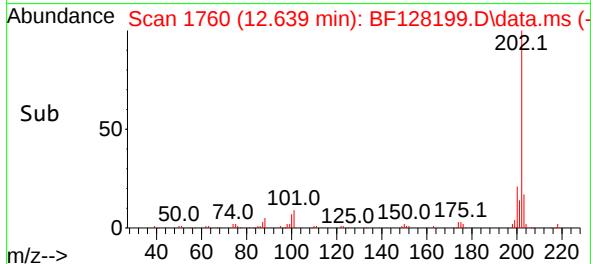
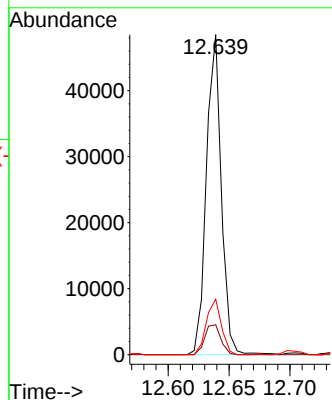
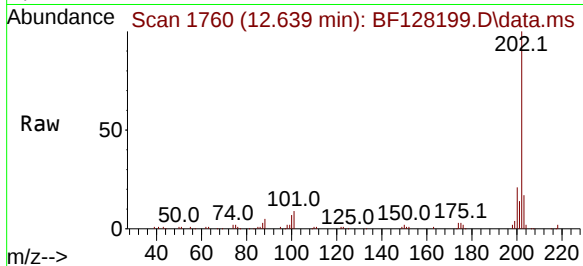




#75
Fluoranthene
Concen: 2.051 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128199.D
Acq: 11 May 2022 17:21

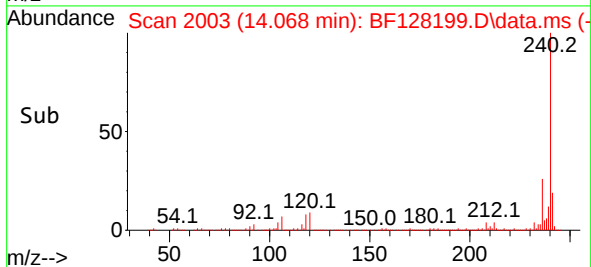
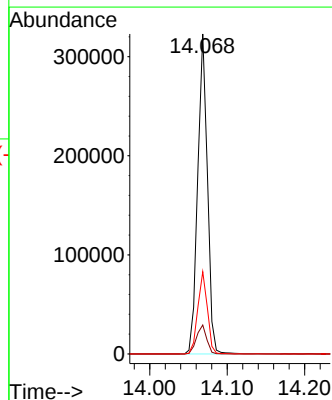
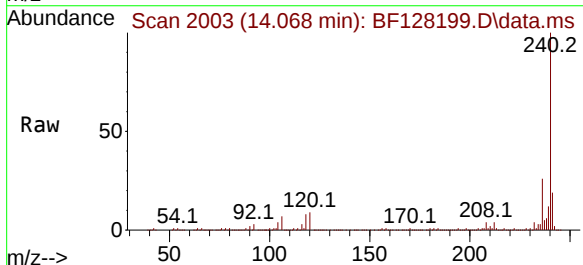
Instrument :
BNA_F
ClientSampleId :
NYE-CON-0510

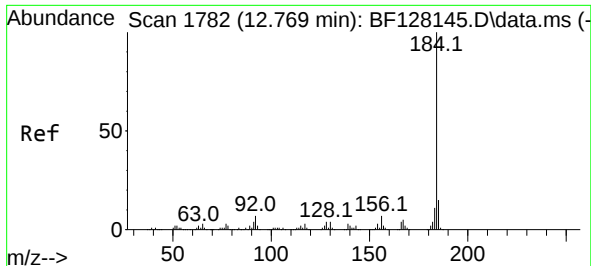
Tgt Ion:202 Resp: 41309
Ion Ratio Lower Upper
202 100
101 9.4 0.0 31.6
203 17.3 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF128199.D
Acq: 11 May 2022 17:21

Tgt Ion:240 Resp: 281489
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.6
236 25.7 20.3 30.5

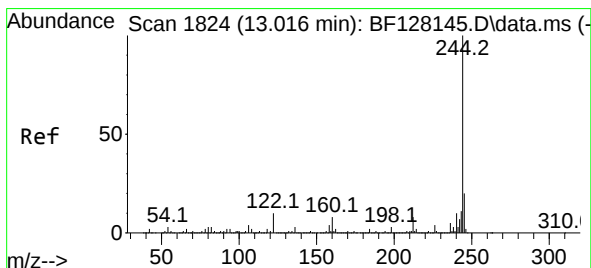
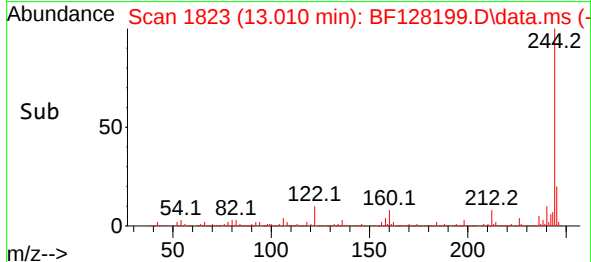
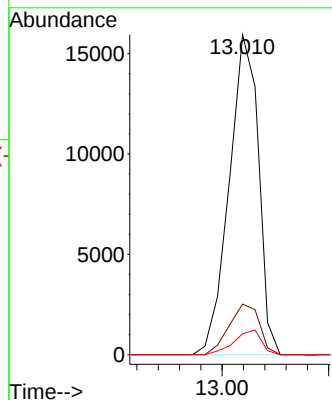
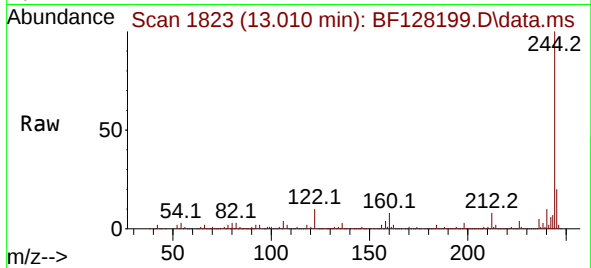




#77
Benzidine
Concen: 2.502 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.241 min
Lab File: BF128199.D
Acq: 11 May 2022 17:21

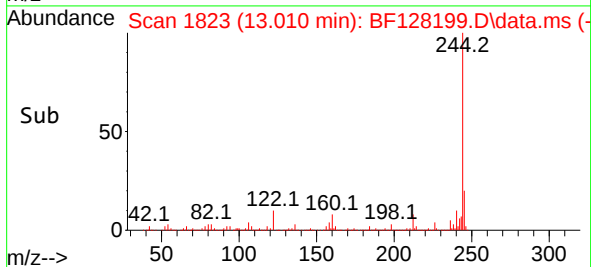
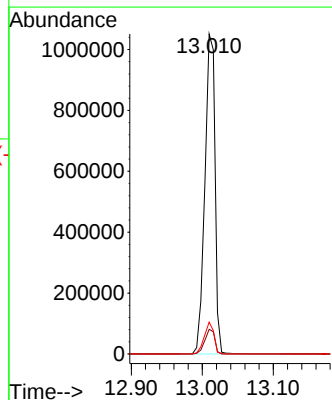
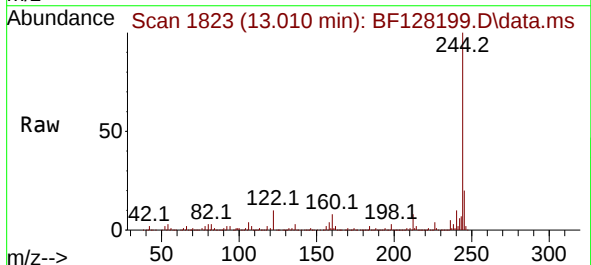
Instrument :
BNA_F
ClientSampleId :
NYE-CON-0510

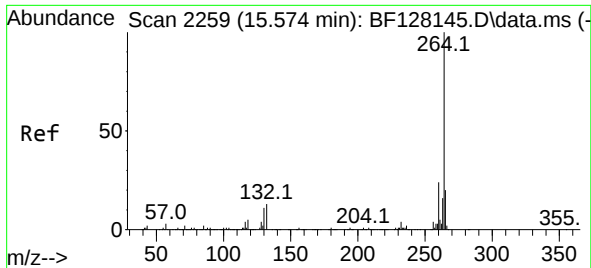
Tgt Ion:184 Resp: 15255
Ion Ratio Lower Upper
184 100
185 15.8 12.1 18.1
183 6.6 9.0 13.4#



#79
Terphenyl-d14
Concen: 69.905 ng
RT: 13.010 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF128199.D
Acq: 11 May 2022 17:21

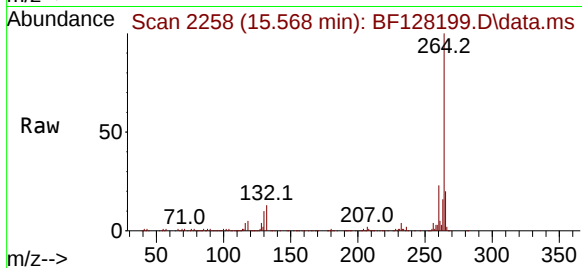
Tgt Ion:244 Resp: 1048678
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.4
122 10.0 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF128199.D
 Acq: 11 May 2022 17:21

Instrument :
 BNA_F
 ClientSampleId :
 NYE-CON-0510



Tgt Ion:264 Resp: 201063
 Ion Ratio Lower Upper
 264 100
 260 23.3 20.1 30.1
 265 20.4 17.5 26.3

