

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
 Data File : BF129193.D
 Acq On : 12 Jul 2022 17:13
 Operator : CG\JU
 Sample : N3648-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CMR-TP2-0708

Quant Time: Jul 12 18:39:03 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)

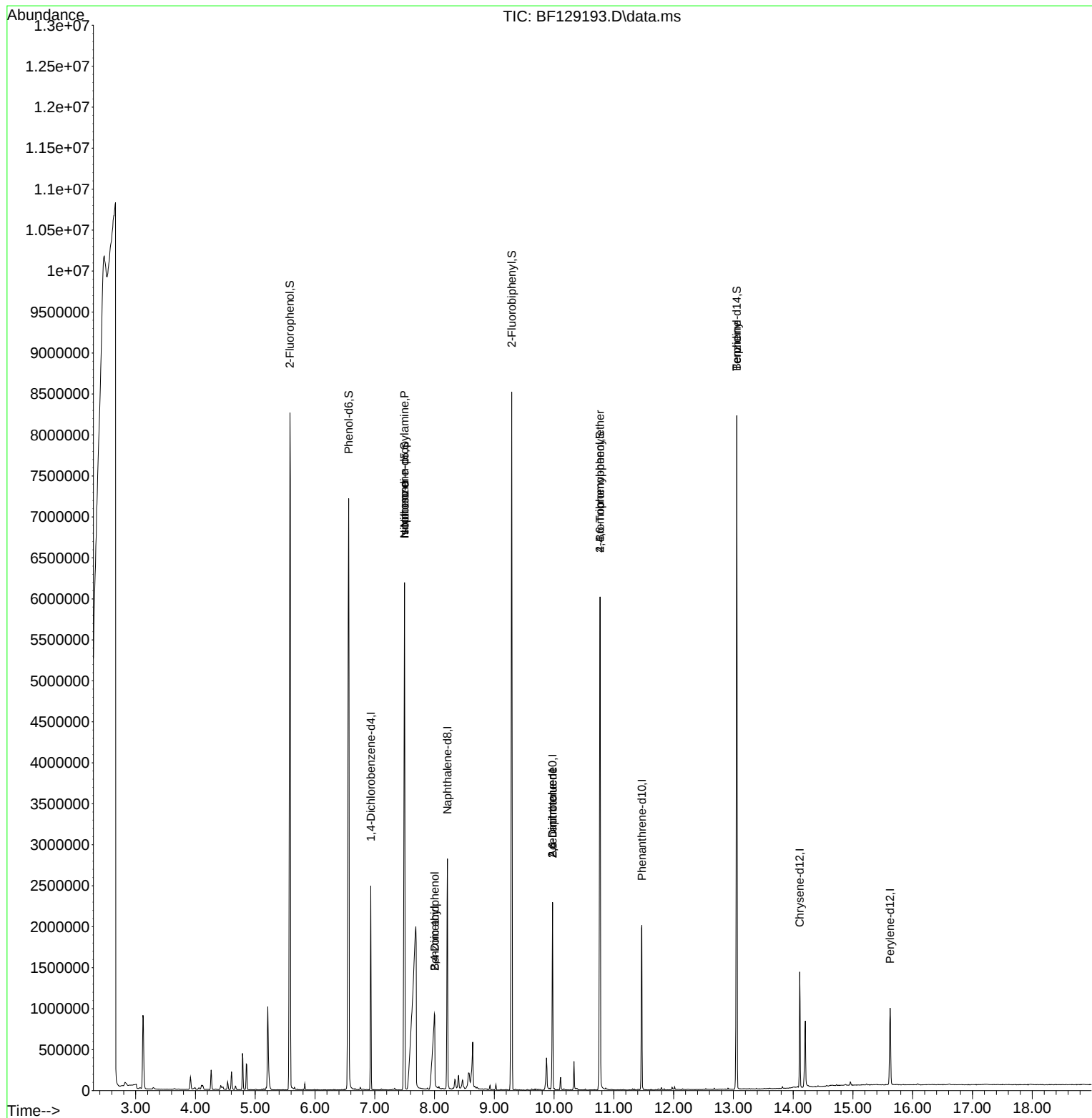
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.933	152	335392	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	1281609	20.000	ng	0.00
39) Acenaphthene-d10	9.974	164	453537	20.000	ng	0.00
64) Phenanthrene-d10	11.468	188	763645	20.000	ng	0.00
76) Chrysene-d12	14.109	240	446996	20.000	ng	-0.01
86) Perylene-d12	15.621	264	420881	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.580	112	2686478	135.419	ng	0.02
7) Phenol-d6	6.563	99	3151965	127.929	ng	0.00
23) Nitrobenzene-d5	7.498	82	2365862	110.108	ng	0.00
42) 2,4,6-Tribromophenol	10.768	330	861979	174.789	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	2968563	104.712	ng	0.00
79) Terphenyl-d14	13.056	244	2942465	136.699	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.486	77	2433	Below Cal	#	80
19) n-Nitroso-di-n-propyla...	7.498	70	317987	22.311	ng	# 73
25) Isophorone	7.498	82	2355415	64.863	ng	# 65
27) 2,4-Dimethylphenol	8.004	122	496853	28.483	ng	# 4
32) Benzoic acid	8.004	122	497638	35.557	ng	# 94
51) 2,6-Dinitrotoluene	9.974	165	58820	10.145	ng	# 26
57) 2,4-Dinitrotoluene	9.974	165	58820	8.218	ng	# 21
67) 4-Bromophenyl-phenylether	10.768	248	50233	6.184	ng	# 1
77) Benzidine	13.056	184	41949	5.270	ng	# 92

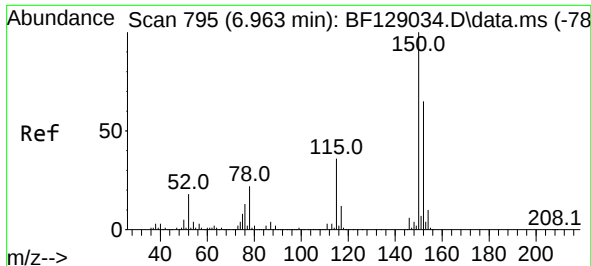
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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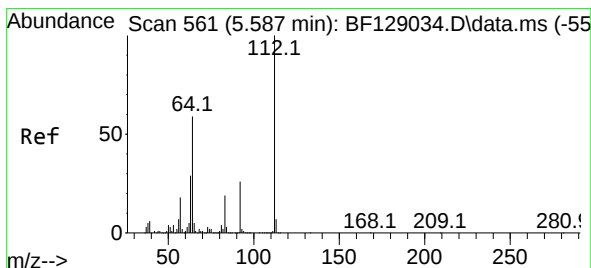
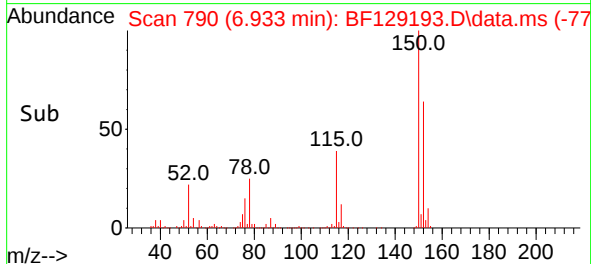
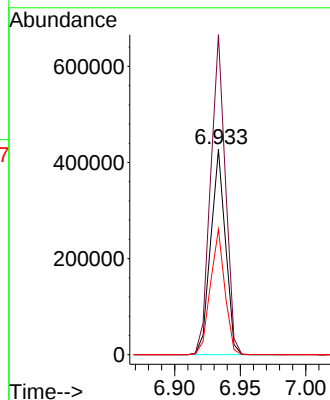
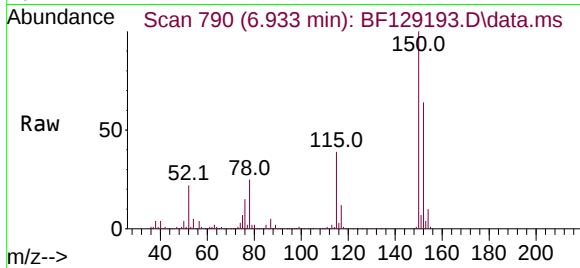




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.933 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129193.D
Acq: 12 Jul 2022 17:13

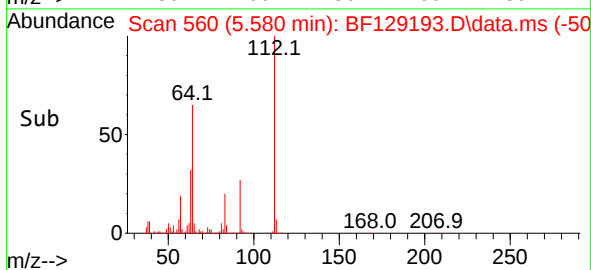
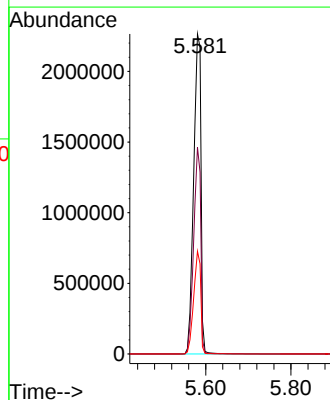
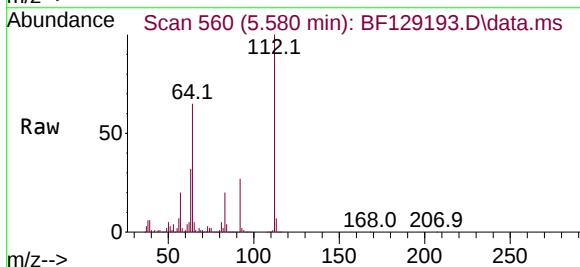
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BNA_F
ClientSampleId :
CMR-TP2-0708

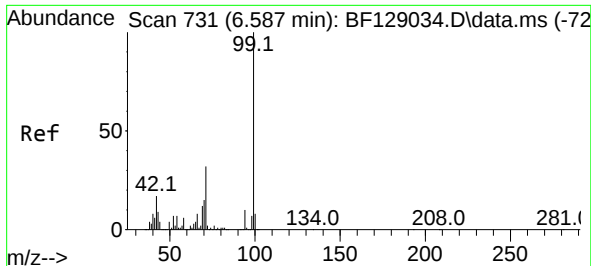
Tgt Ion:152 Resp: 335392
Ion Ratio Lower Upper
152 100
150 155.8 123.7 185.5
115 61.2 49.9 74.9



#5
2-Fluorophenol
Concen: 135.419 ng
RT: 5.580 min Scan# 560
Delta R.T. 0.017 min
Lab File: BF129193.D
Acq: 12 Jul 2022 17:13

Tgt Ion:112 Resp: 2686478
Ion Ratio Lower Upper
112 100
64 64.6 53.3 79.9
63 32.1 28.0 42.0

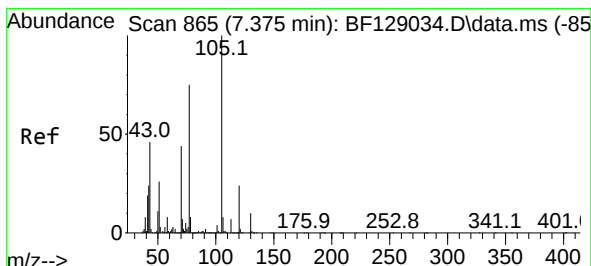
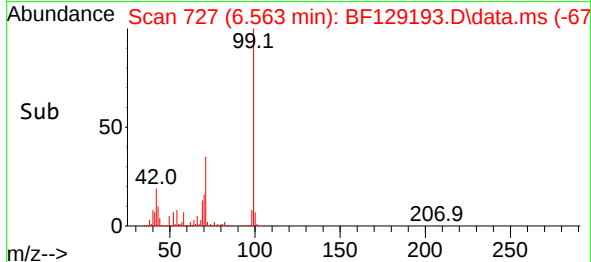
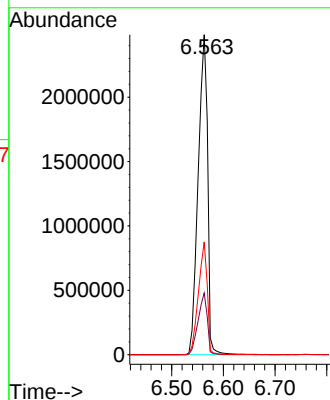
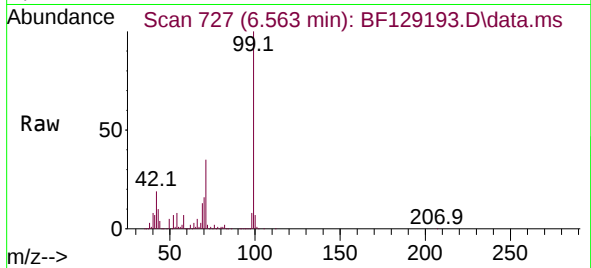




#7
Phenol-d6
Concen: 127.929 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129193.D
Acq: 12 Jul 2022 17:13

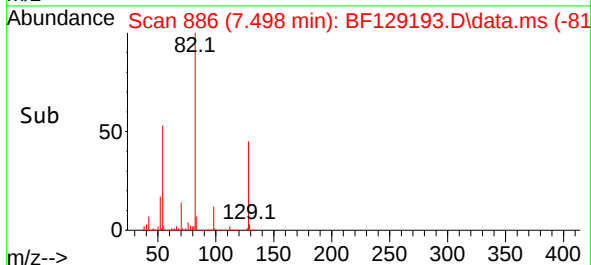
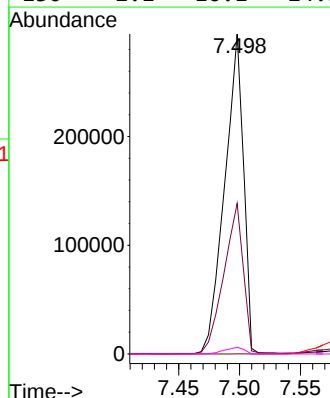
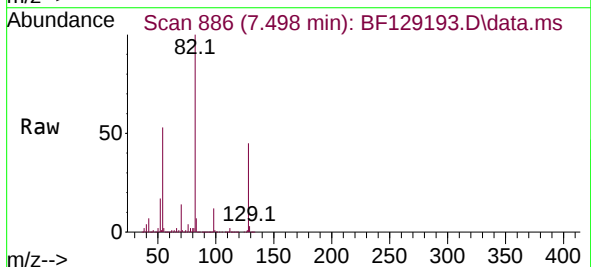
Instrument :
BNA_F
ClientSampleId :
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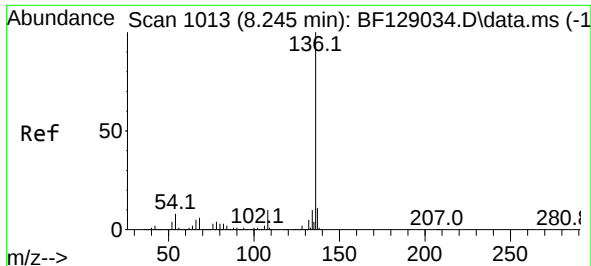
Tgt Ion: 99 Resp: 3151965
Ion Ratio Lower Upper
99 100
42 19.3 17.3 25.9
71 35.3 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 22.311 ng
RT: 7.498 min Scan# 886
Delta R.T. 0.147 min
Lab File: BF129193.D
Acq: 12 Jul 2022 17:13

Tgt Ion: 70 Resp: 317987
Ion Ratio Lower Upper
70 100
42 47.1 52.3 78.5#
101 0.1 7.5 11.3#
130 2.1 16.1 24.1#

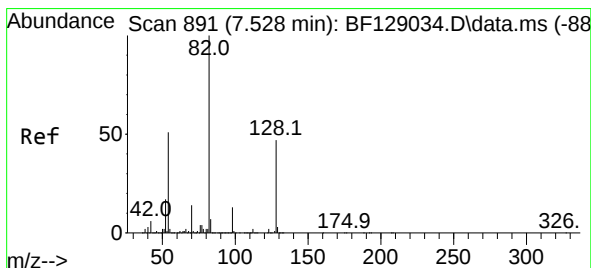
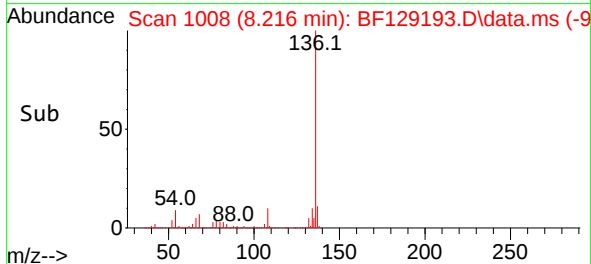
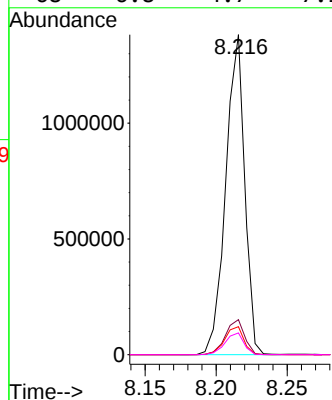
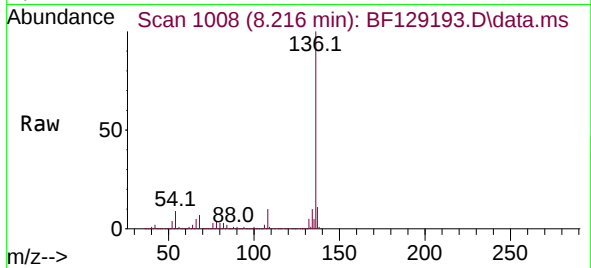




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF129193.D
Acq: 12 Jul 2022 17:13

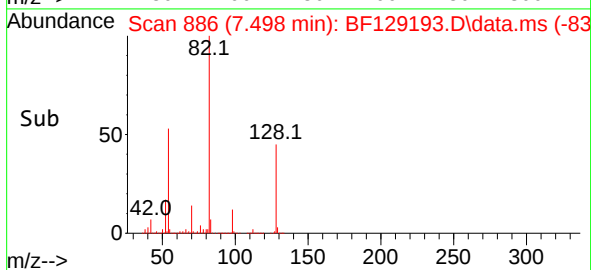
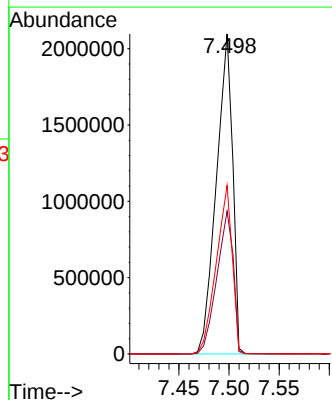
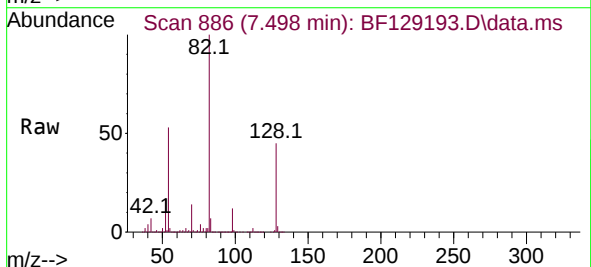
Instrument :
BNA_F
ClientSampleId :
CMR-TP2-0708

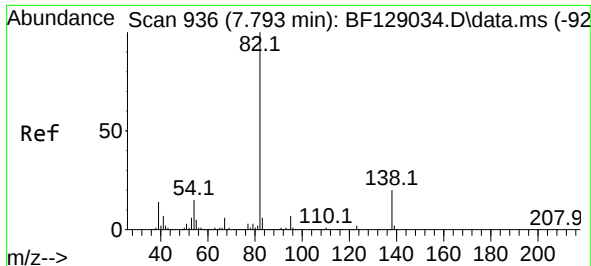
Tgt Ion:136 Resp: 1281609
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.7 7.5 11.3
68 6.8 4.7 7.1



#23
Nitrobenzene-d5
Concen: 110.108 ng
RT: 7.498 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF129193.D
Acq: 12 Jul 2022 17:13

Tgt Ion: 82 Resp: 2365862
Ion Ratio Lower Upper
82 100
128 44.7 34.0 51.0
54 52.7 46.9 70.3

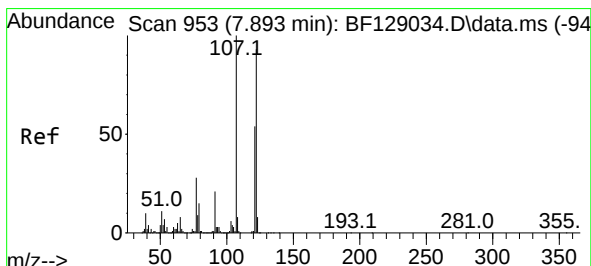
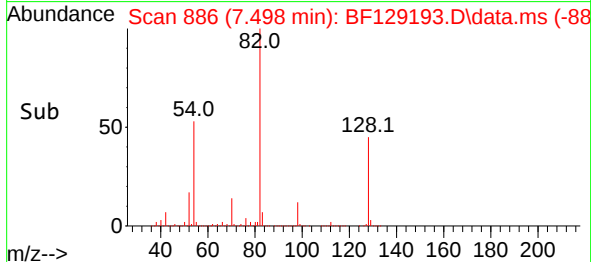
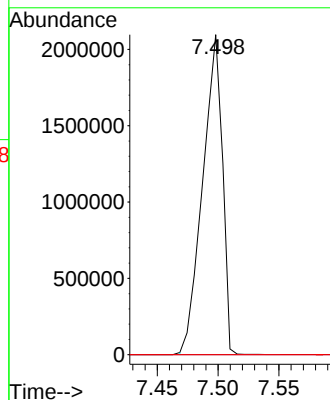
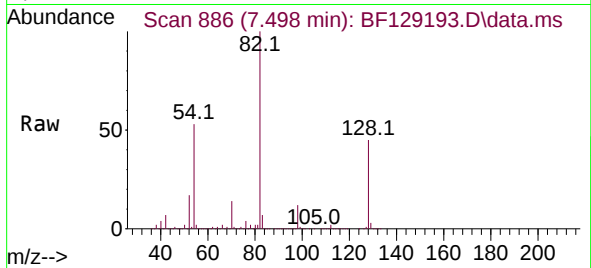




#25
Isophorone
Concen: 64.863 ng
RT: 7.498 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129193.D
Acq: 12 Jul 2022 17:13

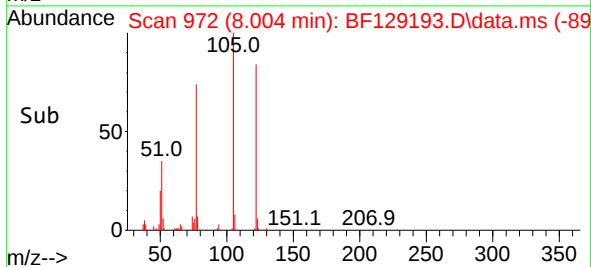
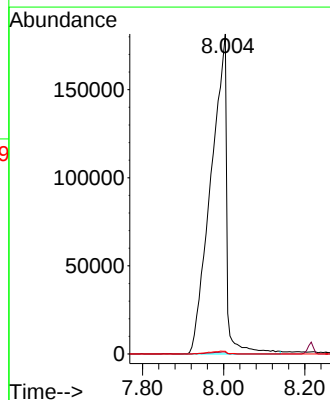
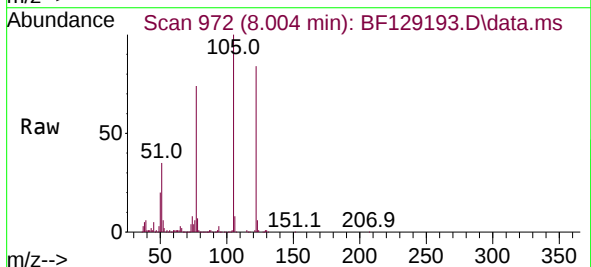
Instrument :
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ClientSampleId :
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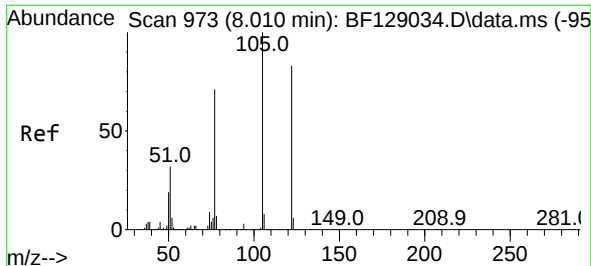
Tgt Ion: 82 Resp: 2355415
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#27
2,4-Dimethylphenol
Concen: 28.483 ng
RT: 8.004 min Scan# 972
Delta R.T. 0.135 min
Lab File: BF129193.D
Acq: 12 Jul 2022 17:13

Tgt Ion:122 Resp: 496853
Ion Ratio Lower Upper
122 100
107 0.6 93.0 139.6#
121 0.9 46.6 70.0#

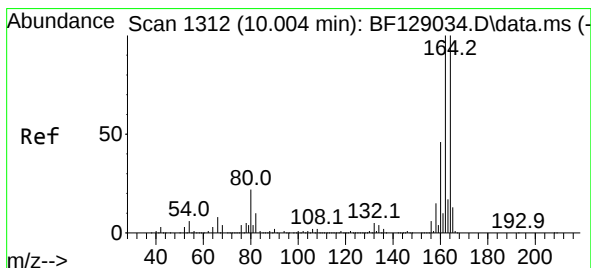
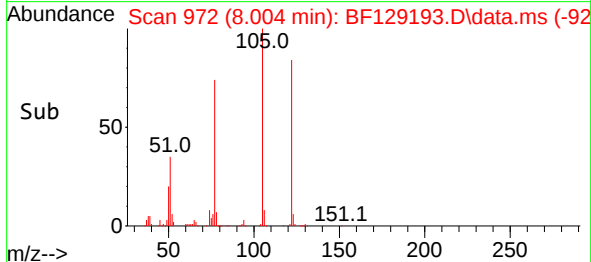
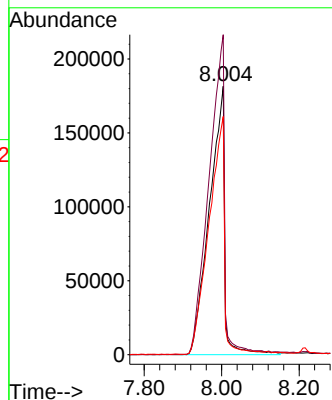
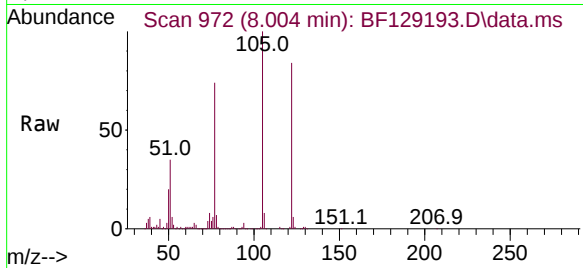




#32
Benzoic acid
Concen: 35.557 ng
RT: 8.004 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF129193.D
Acq: 12 Jul 2022 17:13

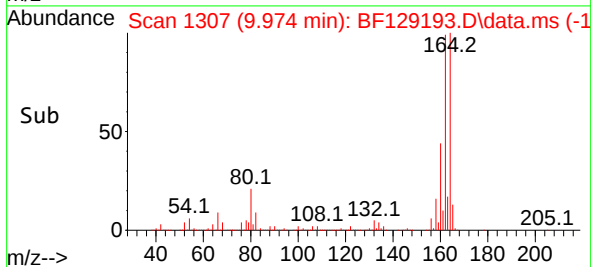
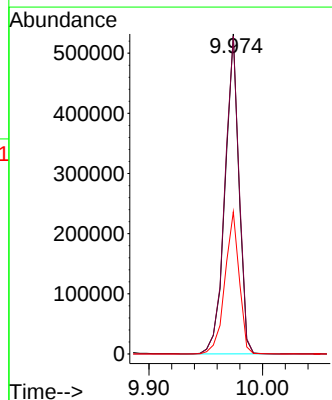
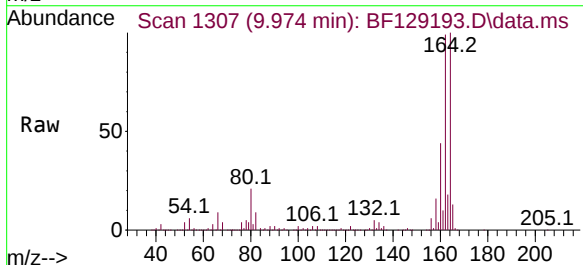
Instrument :
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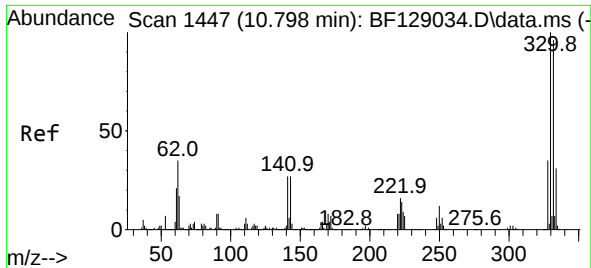
Tgt Ion:122 Resp: 497638
Ion Ratio Lower Upper
122 100
105 119.2 107.1 147.1
77 88.7 74.2 114.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.974 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF129193.D
Acq: 12 Jul 2022 17:13

Tgt Ion:164 Resp: 453537
Ion Ratio Lower Upper
164 100
162 99.3 79.5 119.3
160 44.4 34.2 51.4

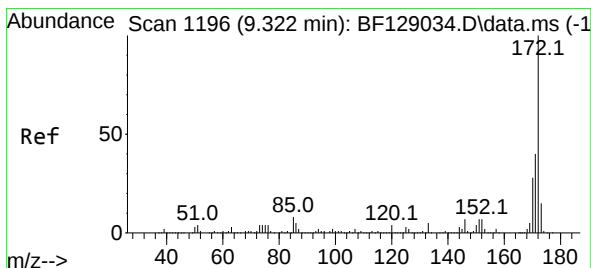
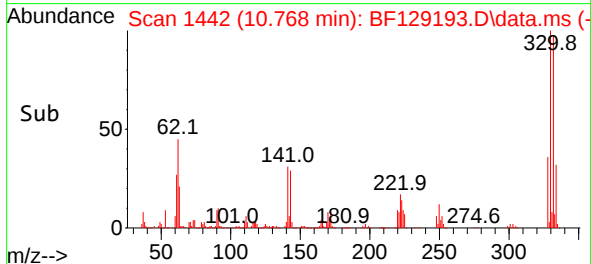
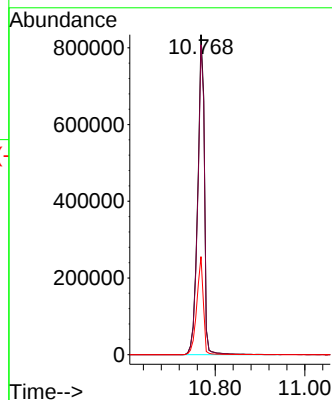
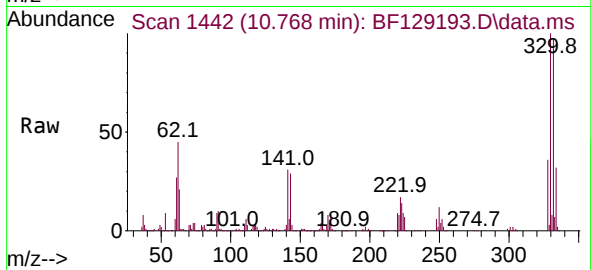




#42
2,4,6-Tribromophenol
Concen: 174.789 ng
RT: 10.768 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF129193.D
Acq: 12 Jul 2022 17:13

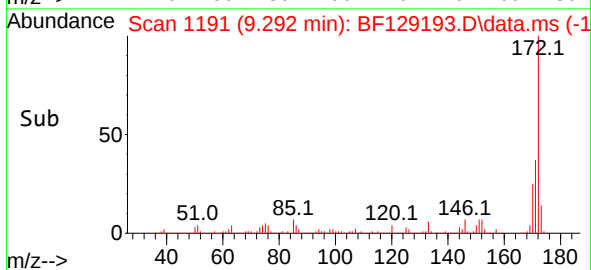
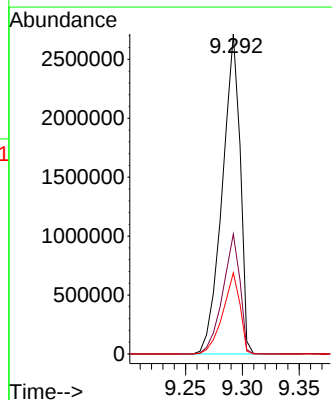
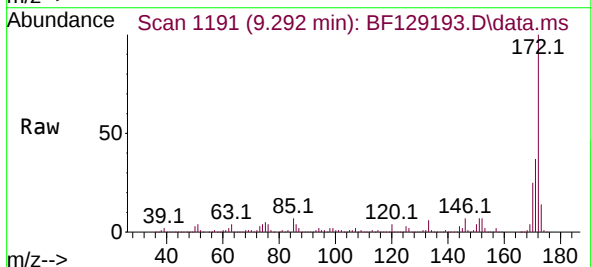
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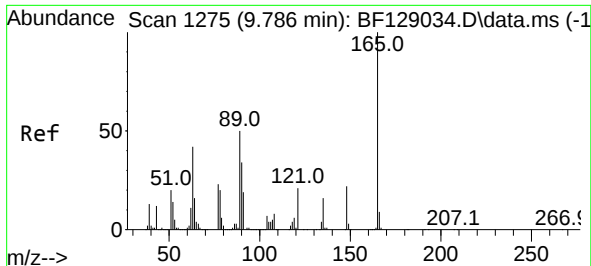
Tgt Ion:330 Resp: 861979
Ion Ratio Lower Upper
330 100
332 96.9 76.8 115.2
141 30.2 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 104.712 ng
RT: 9.292 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF129193.D
Acq: 12 Jul 2022 17:13

Tgt Ion:172 Resp: 2968563
Ion Ratio Lower Upper
172 100
171 37.4 28.8 43.2
170 25.3 19.8 29.8

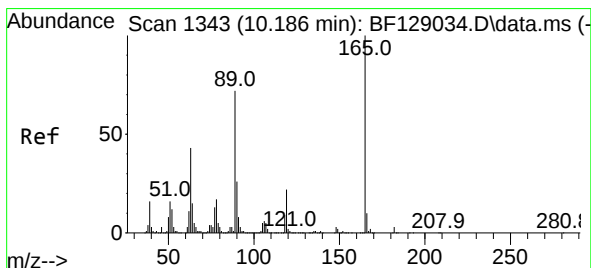
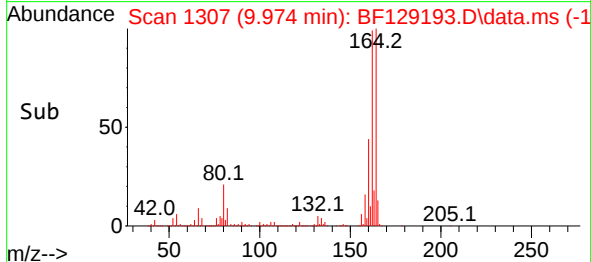
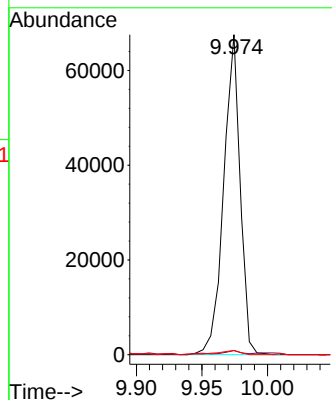
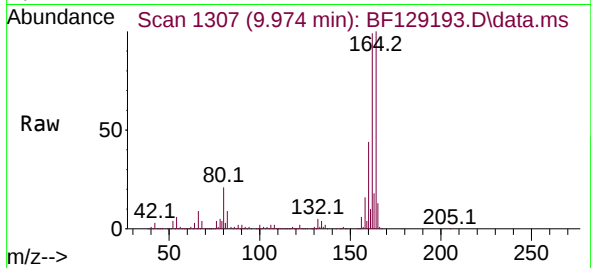




#51
2,6-Dinitrotoluene
Concen: 10.145 ng
RT: 9.974 min Scan# 1307
Delta R.T. 0.212 min
Lab File: BF129193.D
Acq: 12 Jul 2022 17:13

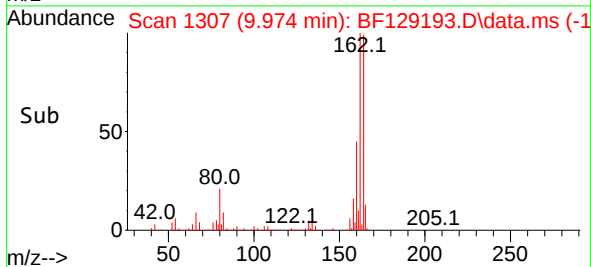
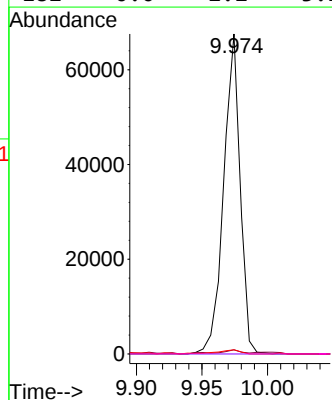
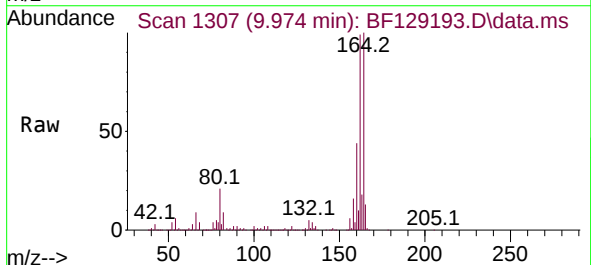
Instrument :
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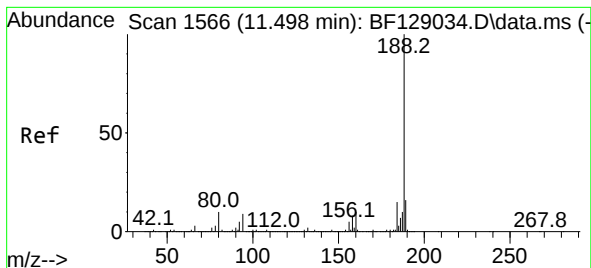
Tgt Ion:165 Resp: 58820
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.3 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 8.218 ng
RT: 9.974 min Scan# 1307
Delta R.T. -0.194 min
Lab File: BF129193.D
Acq: 12 Jul 2022 17:13

Tgt Ion:165 Resp: 58820
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: 11.468 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129193.D

Acq: 12 Jul 2022 17:13

Instrument :

BNA_F

ClientSampleId :

CMR-TP2-0708

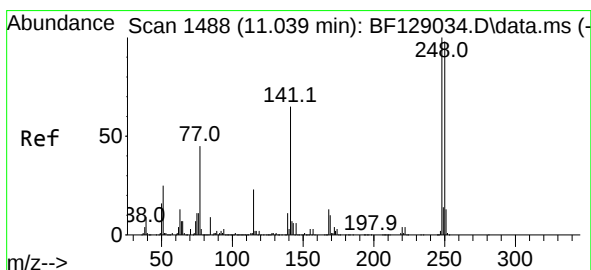
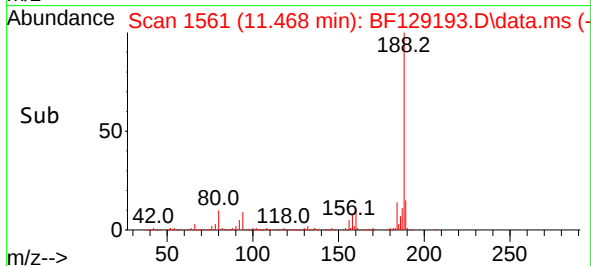
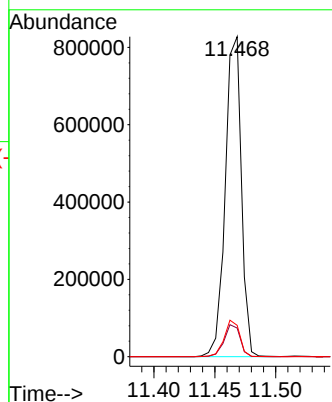
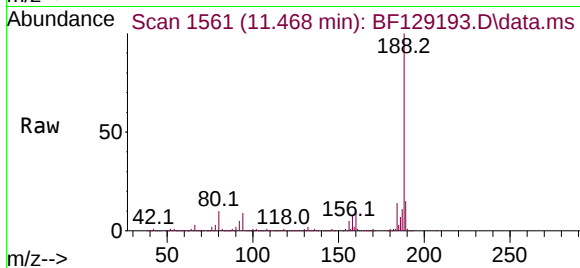
Tgt Ion:188 Resp: 763645

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.6

80 9.8 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 6.184 ng

RT: 10.768 min Scan# 1442

Delta R.T. -0.241 min

Lab File: BF129193.D

Acq: 12 Jul 2022 17:13

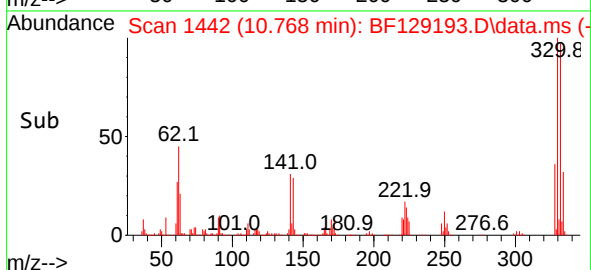
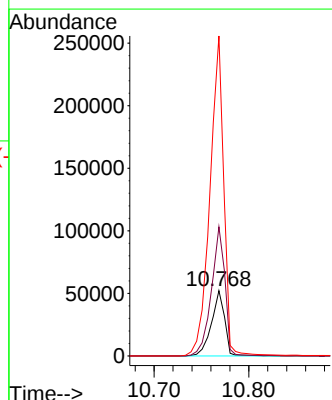
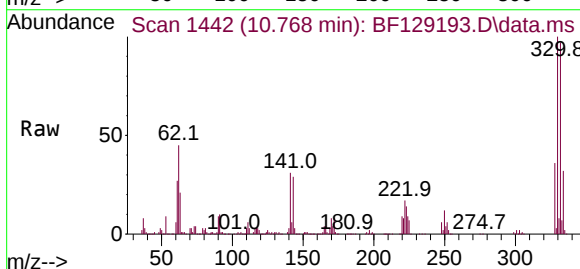
Tgt Ion:248 Resp: 50233

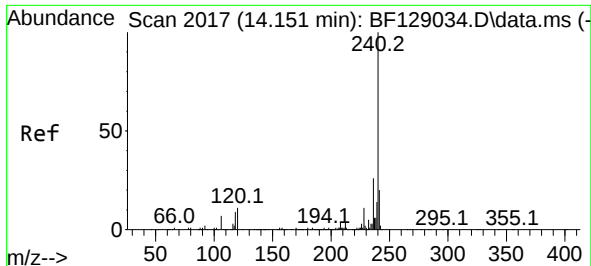
Ion Ratio Lower Upper

248 100

250 197.9 80.6 120.8#

141 490.6 58.9 88.3#

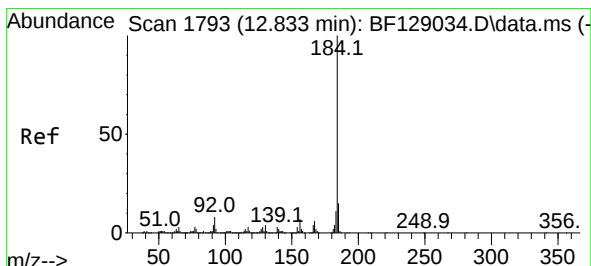
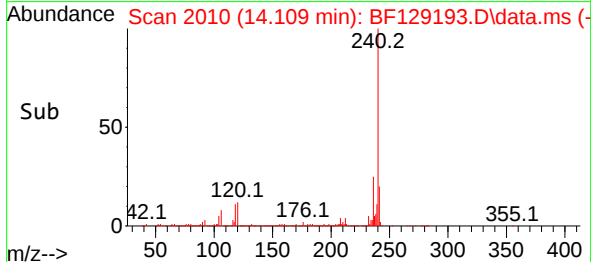
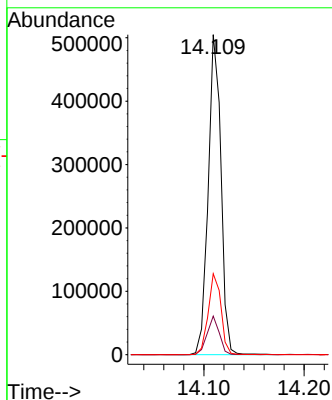
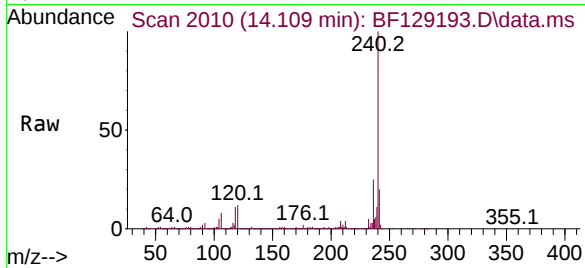




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.109 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129193.D
Acq: 12 Jul 2022 17:13

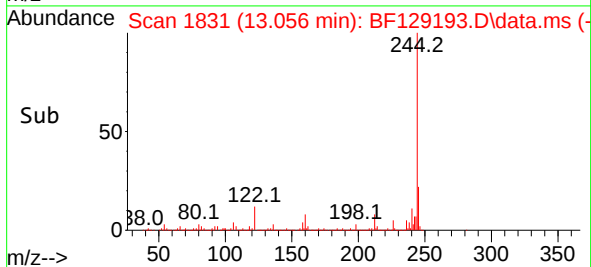
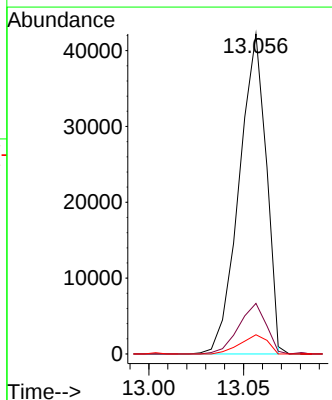
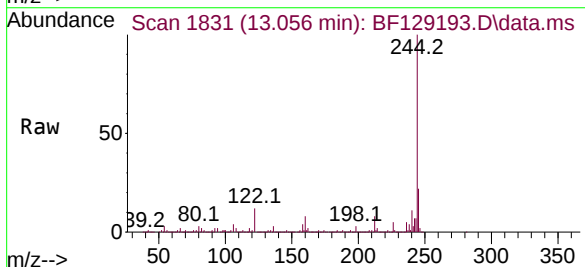
Instrument :
BNA_F
ClientSampleId :
CMR-TP2-0708

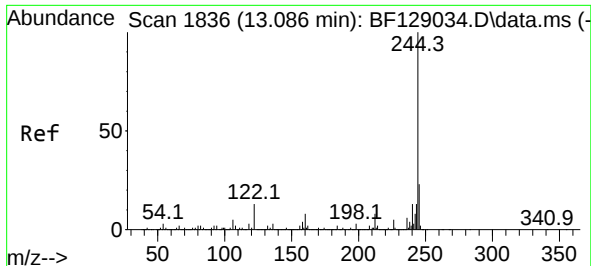
Tgt Ion:240 Resp: 446996
Ion Ratio Lower Upper
240 100
120 12.1 8.9 13.3
236 25.3 20.8 31.2



#77
Benzidine
Concen: 5.270 ng
RT: 13.056 min Scan# 1831
Delta R.T. 0.253 min
Lab File: BF129193.D
Acq: 12 Jul 2022 17:13

Tgt Ion:184 Resp: 41949
Ion Ratio Lower Upper
184 100
185 15.8 11.9 17.9
183 6.0 9.3 13.9#

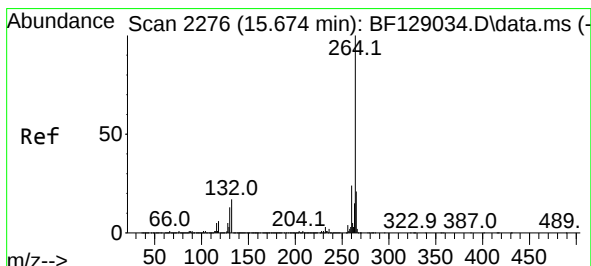
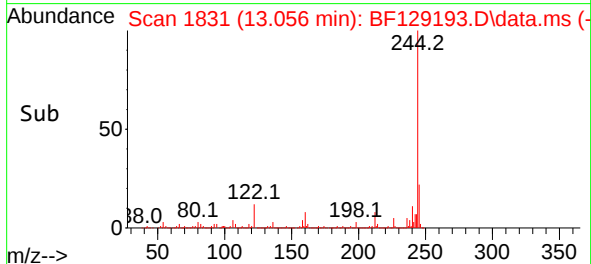
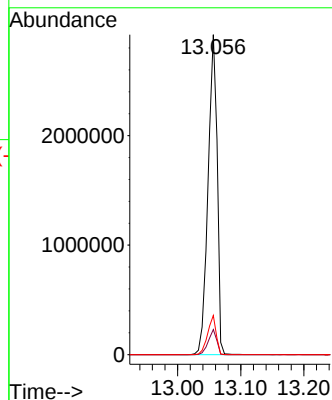
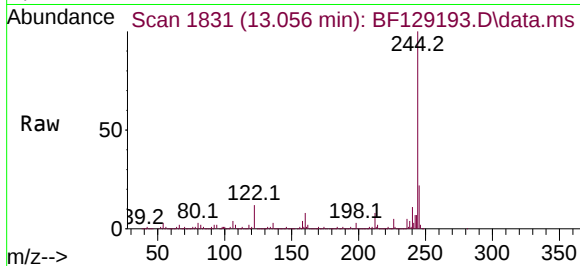




#79
Terphenyl-d14
Concen: 136.699 ng
RT: 13.056 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF129193.D
Acq: 12 Jul 2022 17:13

Instrument :
BNA_F
ClientSampleId :
CMR-TP2-0708

Tgt Ion:244 Resp: 2942465
Ion Ratio Lower Upper
244 100
212 7.9 6.1 9.1
122 12.2 8.8 13.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF129193.D
Acq: 12 Jul 2022 17:13

Tgt Ion:264 Resp: 420881
Ion Ratio Lower Upper
264 100
260 23.8 18.4 27.6
265 22.6 17.2 25.8

