

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
 Data File : BF129190.D
 Acq On : 12 Jul 2022 15:37
 Operator : CG\JU
 Sample : N3648-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CMR-TP1-0708

Quant Time: Jul 12 17:16:04 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)

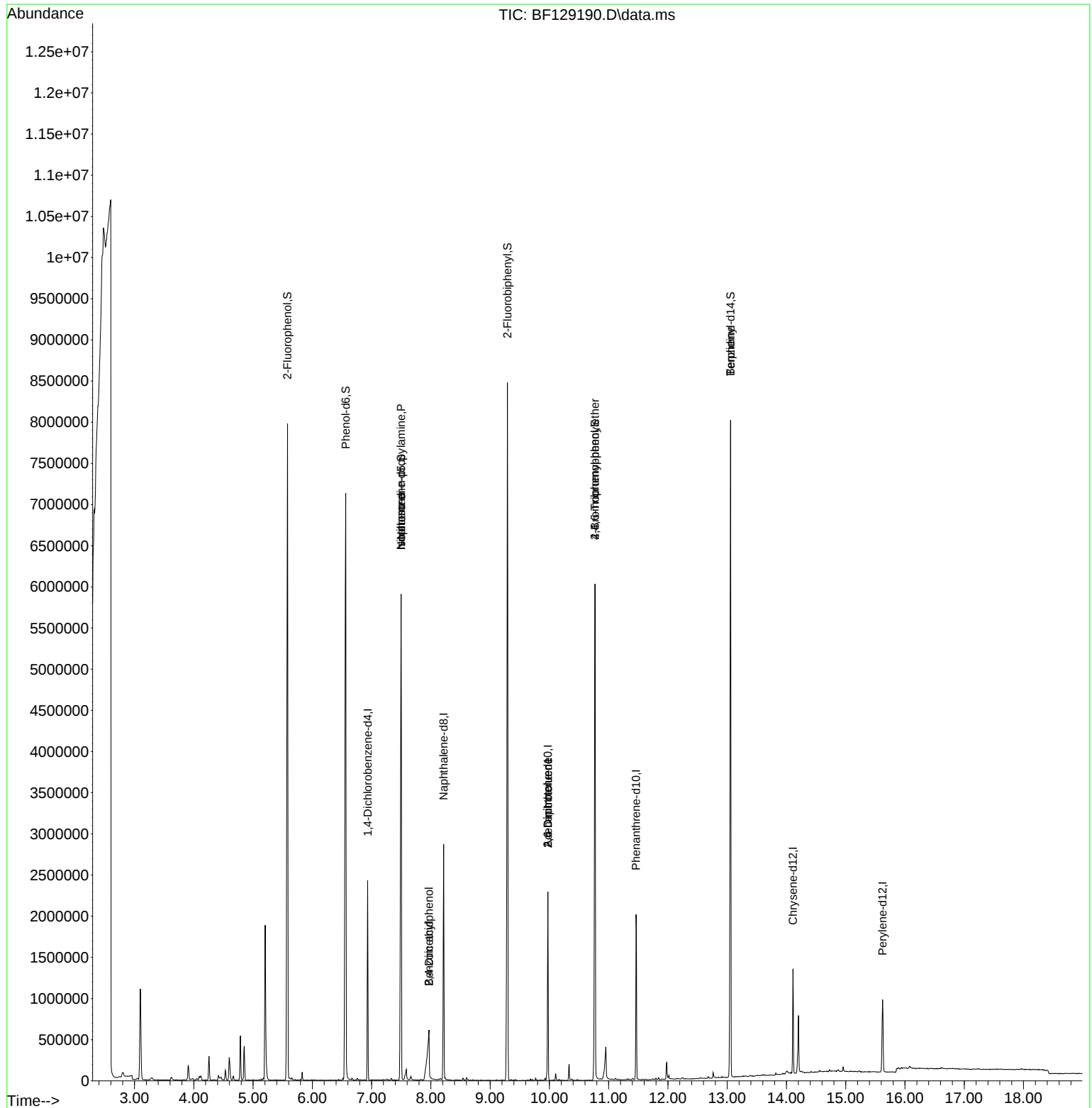
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	324963	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	1237380	20.000	ng	# 0.00
39) Acenaphthene-d10	9.975	164	428232	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	719939	20.000	ng	# 0.00
76) Chrysene-d12	14.110	240	405312	20.000	ng	-0.01
86) Perylene-d12	15.621	264	384619	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	2353390	122.436	ng	0.02
7) Phenol-d6	6.563	99	2846870	119.254	ng	0.00
23) Nitrobenzene-d5	7.498	82	2278618	109.838	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	825730	177.333	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	2842495	106.190	ng	0.00
79) Terphenyl-d14	13.057	244	2840290	145.523	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.492	77	606	Below Cal	#	87
19) n-Nitroso-di-n-propyla...	7.498	70	311554	22.561	ng	# 74
25) Isophorone	7.498	82	2270743	64.767	ng	# 65
27) 2,4-Dimethylphenol	7.969	122	309151	18.356	ng	# 4
32) Benzoic acid	7.969	122	309151	22.879	ng	99
51) 2,6-Dinitrotoluene	9.975	165	54795	10.009	ng	# 26
57) 2,4-Dinitrotoluene	9.975	165	54795	8.108	ng	# 21
67) 4-Bromophenyl-phenylether	10.769	248	49469	6.460	ng	# 1
77) Benzidine	13.057	184	40052	5.550	ng	# 90

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

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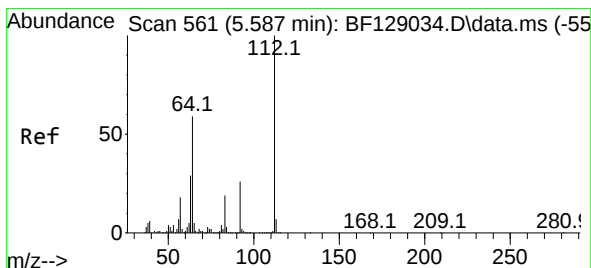
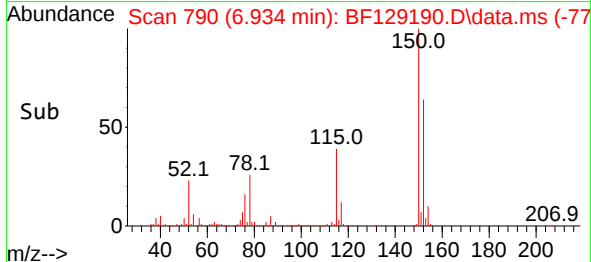
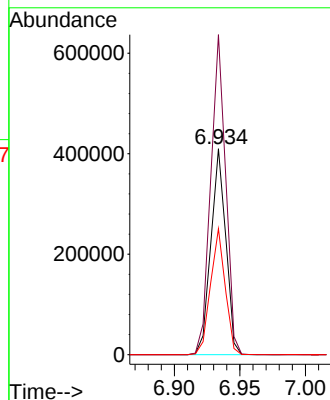
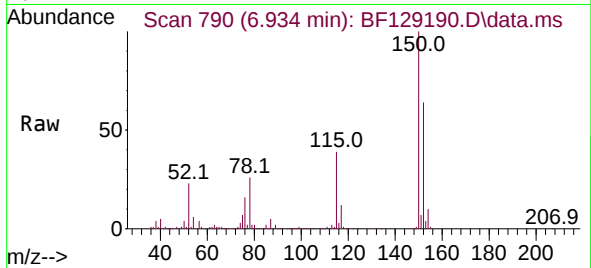




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 795
Delta R.T. -0.005 min
Lab File: BF129190.D
Acq: 12 Jul 2022 15:37

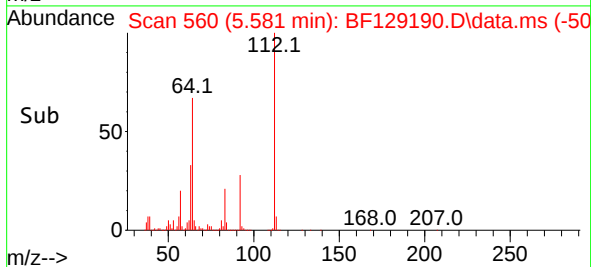
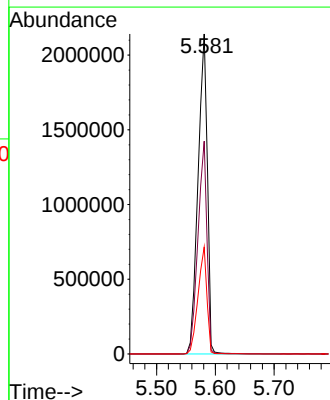
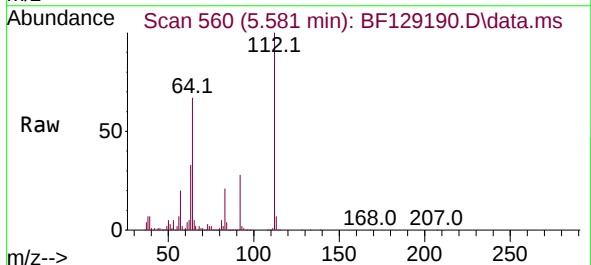
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708

Tgt Ion:152 Resp: 324963
Ion Ratio Lower Upper
152 100
150 155.3 123.7 185.5
115 61.2 49.9 74.9



#5
2-Fluorophenol
Concen: 122.436 ng
RT: 5.581 min Scan# 560
Delta R.T. 0.018 min
Lab File: BF129190.D
Acq: 12 Jul 2022 15:37

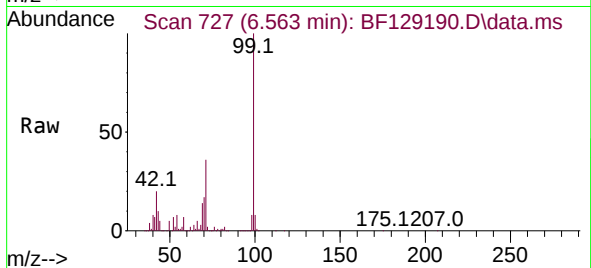
Tgt Ion:112 Resp: 2353390
Ion Ratio Lower Upper
112 100
64 66.5 53.3 79.9
63 33.4 28.0 42.0





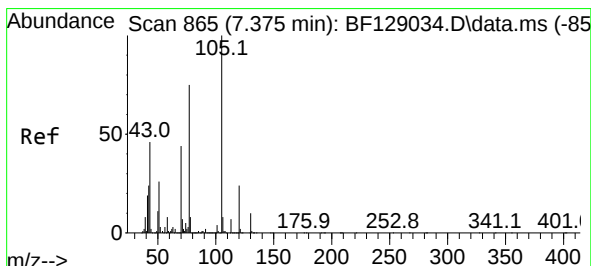
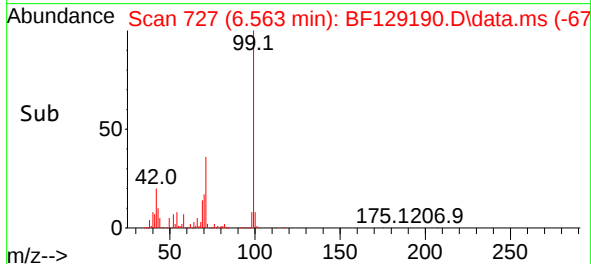
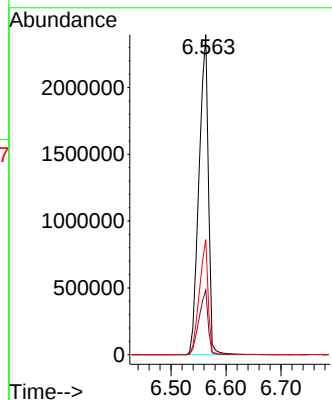
#7
Phenol-d6
Concen: 119.254 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129190.D
Acq: 12 Jul 2022 15:37

Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708



Tgt Ion: 99 Resp: 2846870

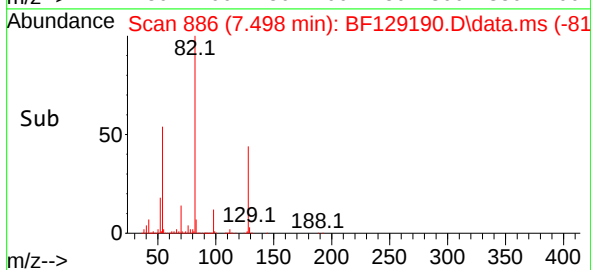
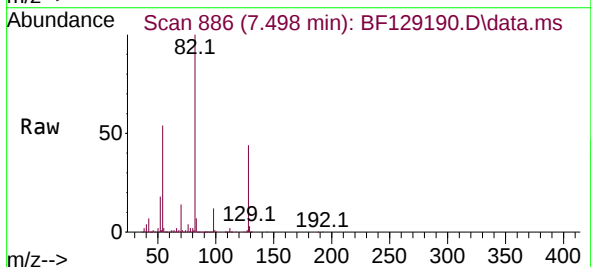
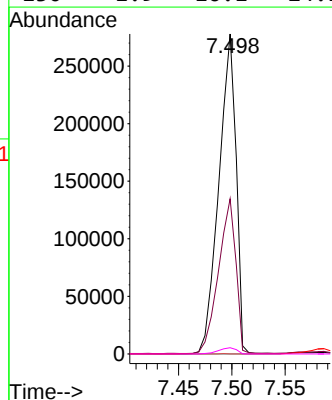
Ion	Ratio	Lower	Upper
99	100		
42	20.3	17.3	25.9
71	35.9	28.9	43.3

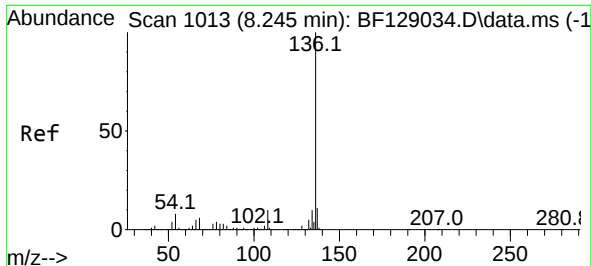


#19
n-Nitroso-di-n-propylamine
Concen: 22.561 ng
RT: 7.498 min Scan# 886
Delta R.T. 0.147 min
Lab File: BF129190.D
Acq: 12 Jul 2022 15:37

Tgt Ion: 70 Resp: 311554

Ion	Ratio	Lower	Upper
70	100		
42	48.5	52.3	78.5#
101	0.0	7.5	11.3#
130	1.9	16.1	24.1#

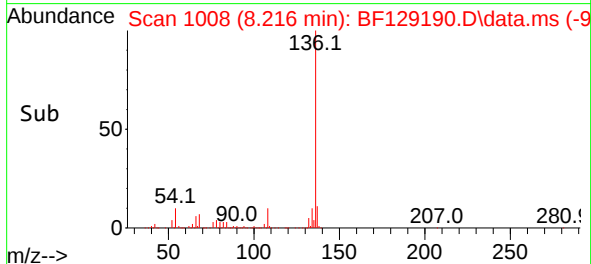
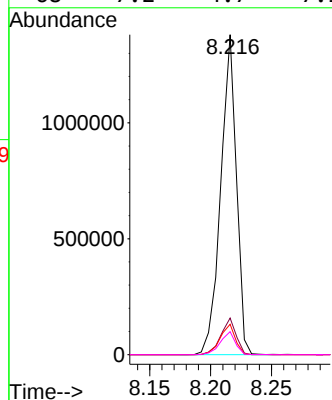
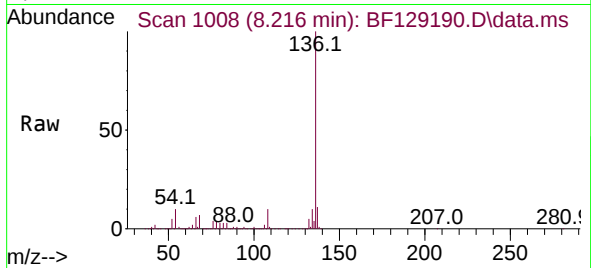




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF129190.D
Acq: 12 Jul 2022 15:37

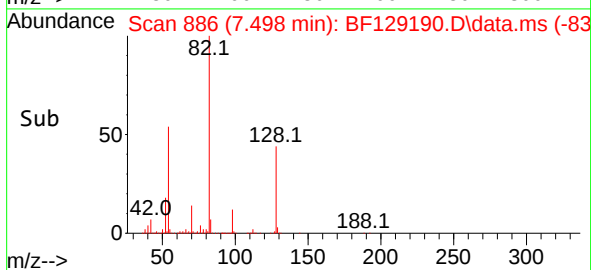
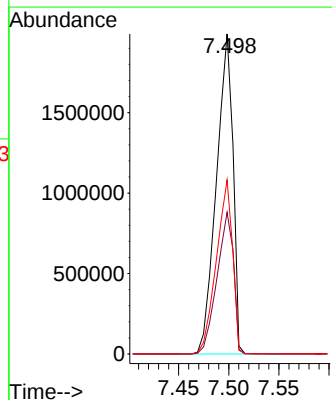
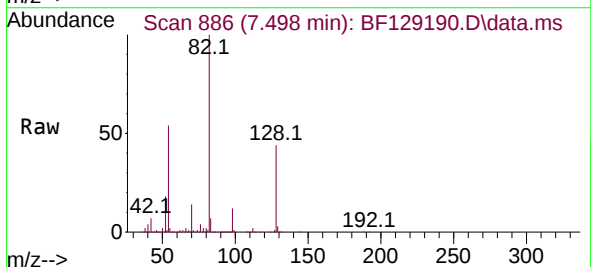
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708

Tgt Ion:136 Resp: 1237380
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 9.5 7.5 11.3
68 7.2 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 109.838 ng
RT: 7.498 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF129190.D
Acq: 12 Jul 2022 15:37

Tgt Ion: 82 Resp: 2278618
Ion Ratio Lower Upper
82 100
128 44.3 34.0 51.0
54 54.4 46.9 70.3

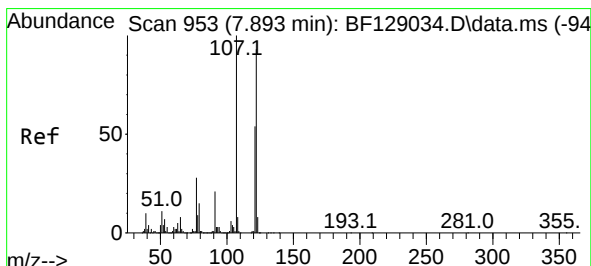
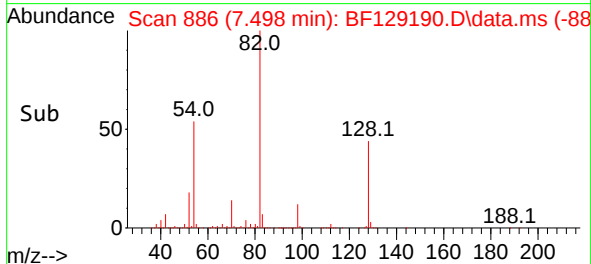
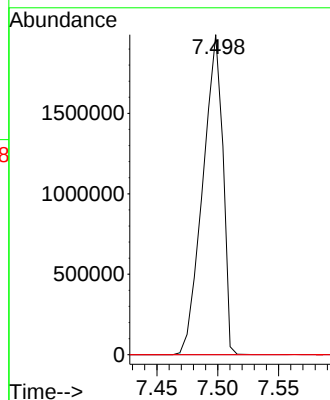
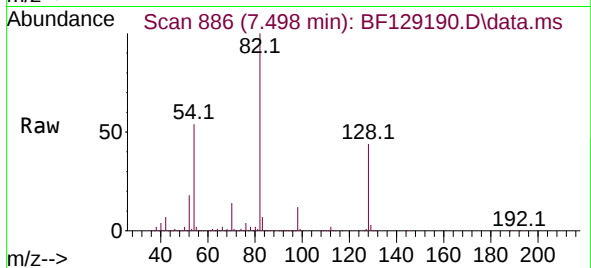




#25
Isophorone
Concen: 64.767 ng
RT: 7.498 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129190.D
Acq: 12 Jul 2022 15:37

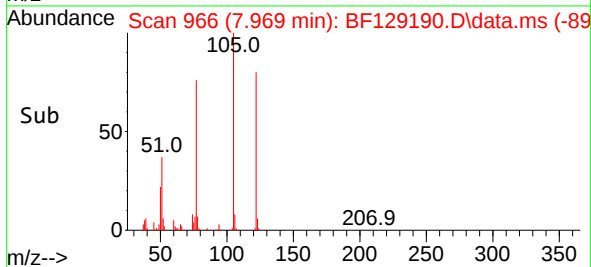
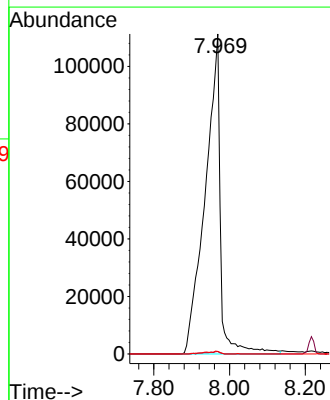
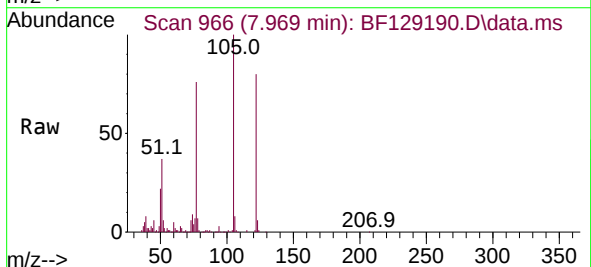
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708

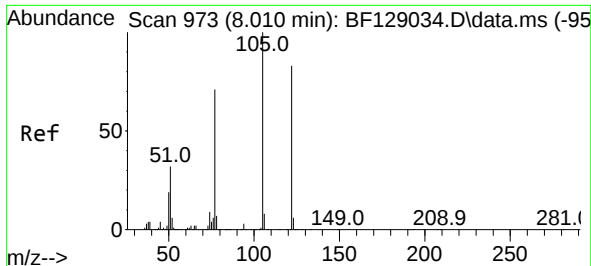
Tgt Ion: 82 Resp: 2270743
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#27
2,4-Dimethylphenol
Concen: 18.356 ng
RT: 7.969 min Scan# 966
Delta R.T. 0.100 min
Lab File: BF129190.D
Acq: 12 Jul 2022 15:37

Tgt Ion:122 Resp: 309151
Ion Ratio Lower Upper
122 100
107 0.7 93.0 139.6#
121 0.8 46.6 70.0#

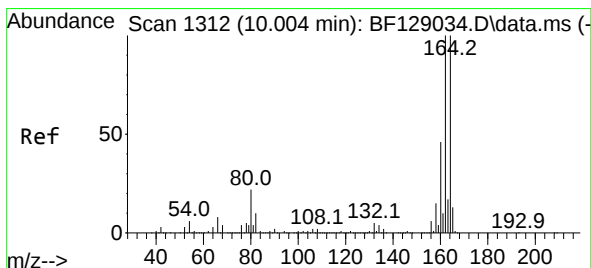
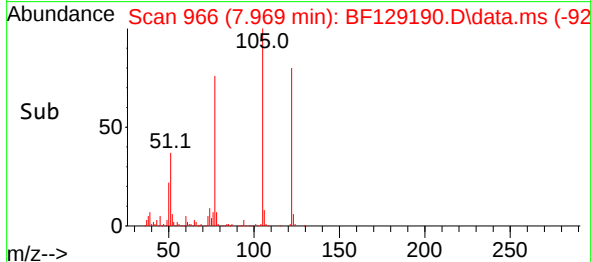
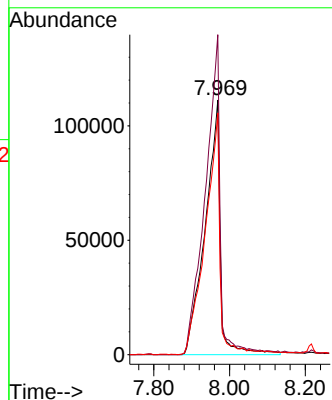
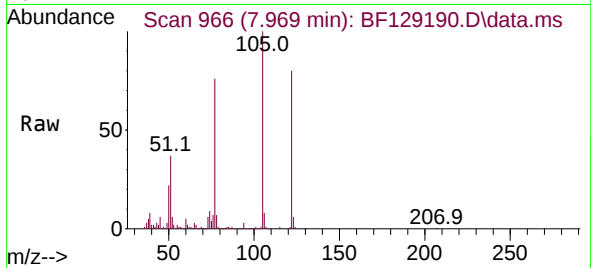




#32
Benzoic acid
Concen: 22.879 ng
RT: 7.969 min Scan# 90
Delta R.T. -0.029 min
Lab File: BF129190.D
Acq: 12 Jul 2022 15:37

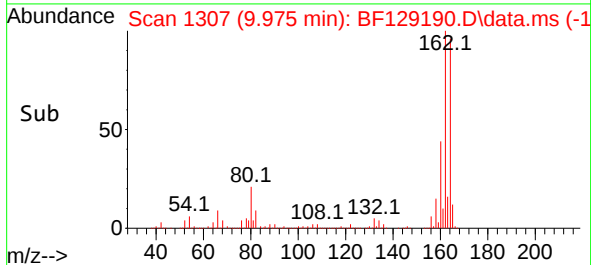
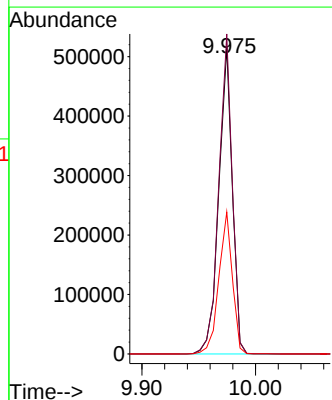
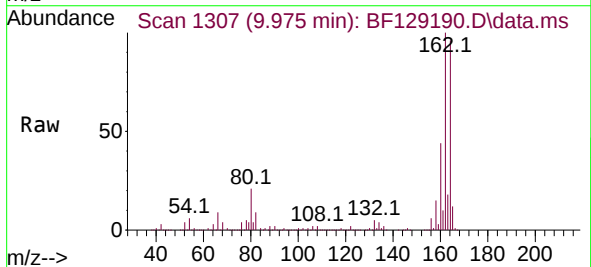
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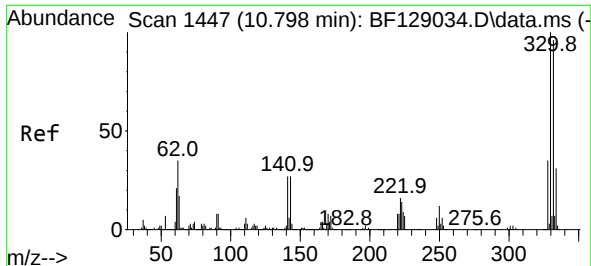
Tgt Ion:122 Resp: 309151
Ion Ratio Lower Upper
122 100
105 125.7 107.1 147.1
77 94.9 74.2 114.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF129190.D
Acq: 12 Jul 2022 15:37

Tgt Ion:164 Resp: 428232
Ion Ratio Lower Upper
164 100
162 104.5 79.5 119.3
160 46.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 177.333 ng

RT: 10.769 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF129190.D

Acq: 12 Jul 2022 15:37

Instrument :

BNA_F

ClientSampleId :

CMR-TP1-0708

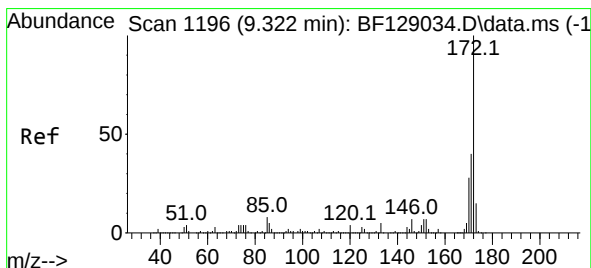
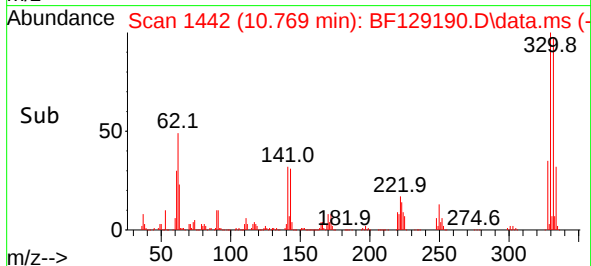
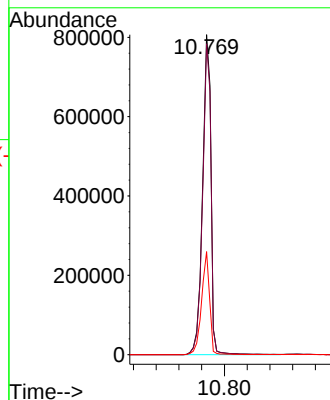
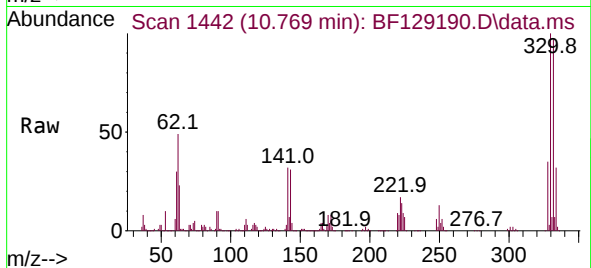
Tgt Ion:330 Resp: 825730

Ion Ratio Lower Upper

330 100

332 96.9 76.8 115.2

141 31.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 106.190 ng

RT: 9.292 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF129190.D

Acq: 12 Jul 2022 15:37

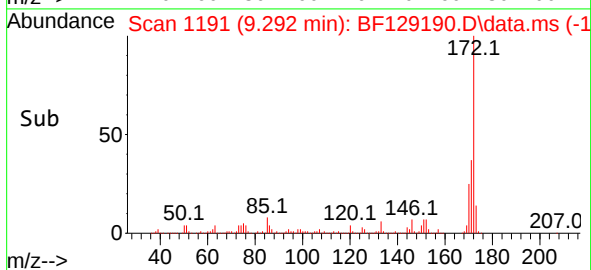
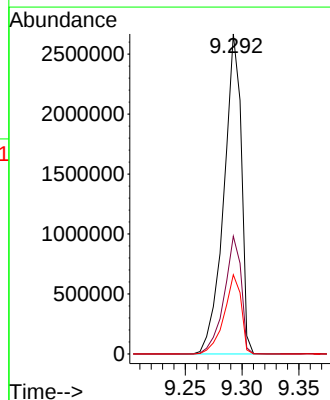
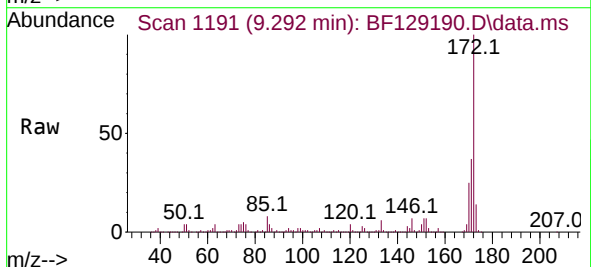
Tgt Ion:172 Resp: 2842495

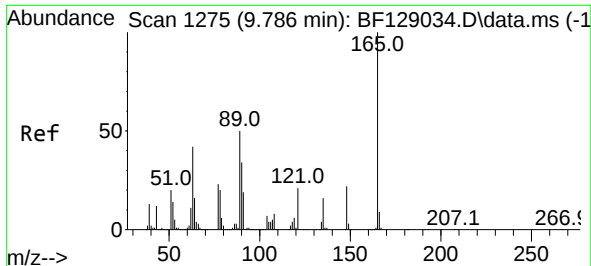
Ion Ratio Lower Upper

172 100

171 36.8 28.8 43.2

170 24.8 19.8 29.8

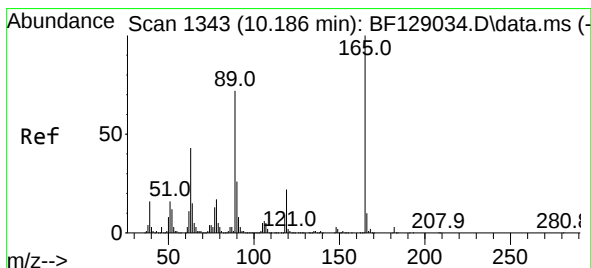
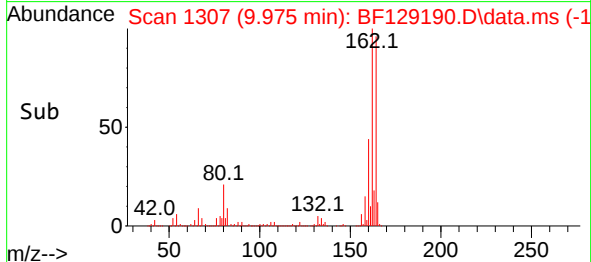
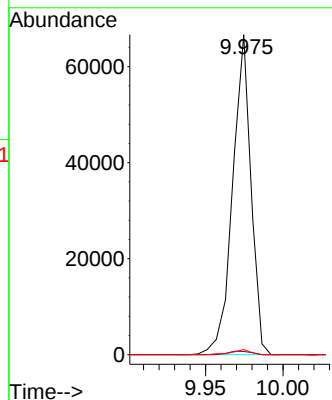
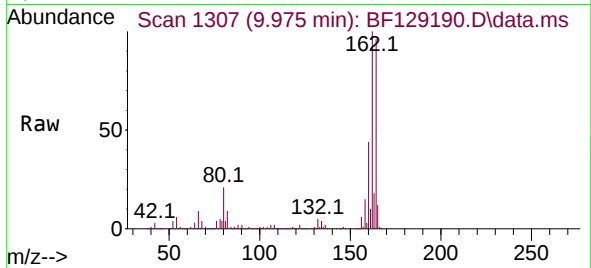




#51
2,6-Dinitrotoluene
Concen: 10.009 ng
RT: 9.975 min Scan# 1307
Delta R.T. 0.212 min
Lab File: BF129190.D
Acq: 12 Jul 2022 15:37

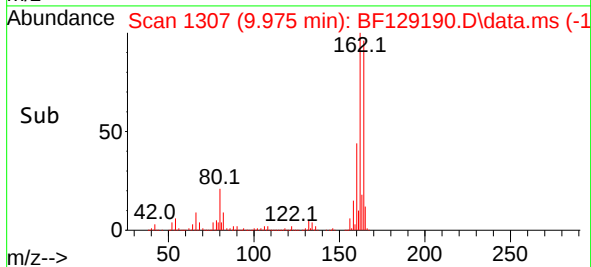
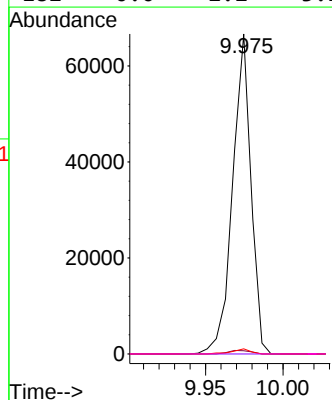
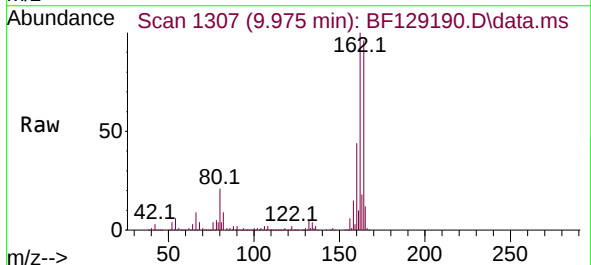
Instrument :
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CMR-TP1-0708

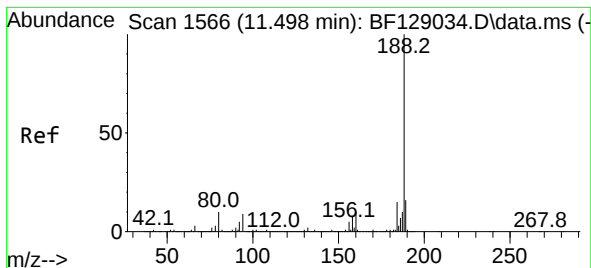
Tgt Ion:165 Resp: 54795
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.6 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 8.108 ng
RT: 9.975 min Scan# 1307
Delta R.T. -0.194 min
Lab File: BF129190.D
Acq: 12 Jul 2022 15:37

Tgt Ion:165 Resp: 54795
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.6 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.463 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129190.D

Acq: 12 Jul 2022 15:37

Instrument :

BNA_F

ClientSampleId :

CMR-TP1-0708

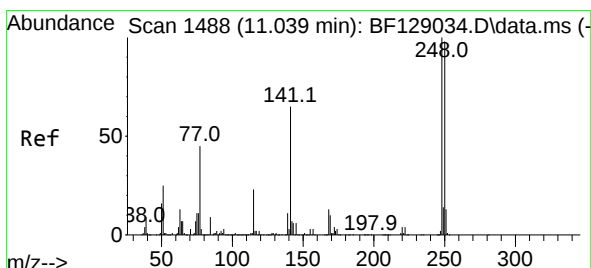
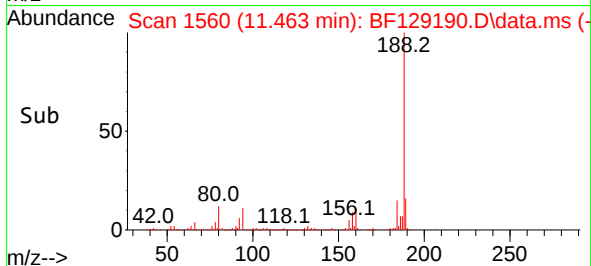
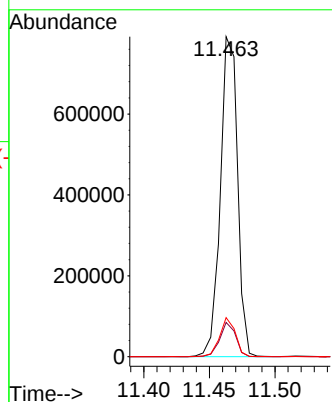
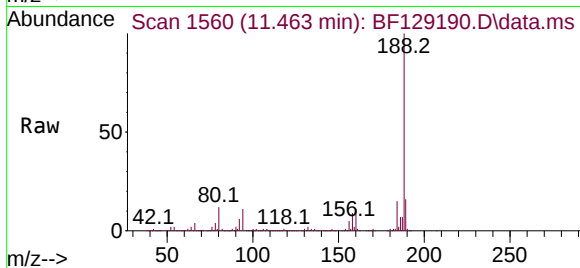
Tgt Ion:188 Resp: 719939

Ion Ratio Lower Upper

188 100

94 10.7 7.0 10.6#

80 12.2 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 6.460 ng

RT: 10.769 min Scan# 1442

Delta R.T. -0.241 min

Lab File: BF129190.D

Acq: 12 Jul 2022 15:37

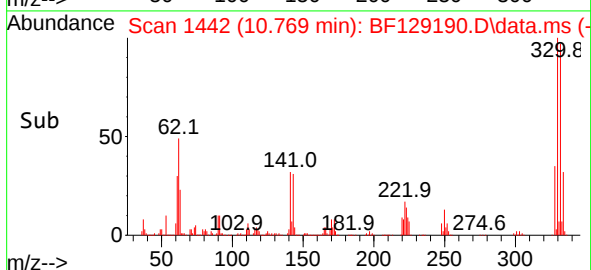
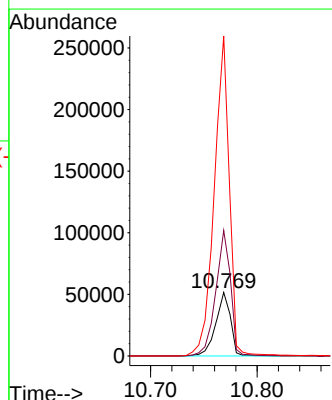
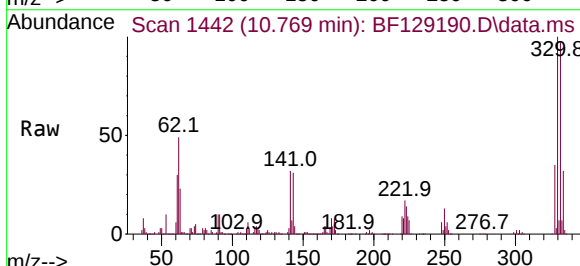
Tgt Ion:248 Resp: 49469

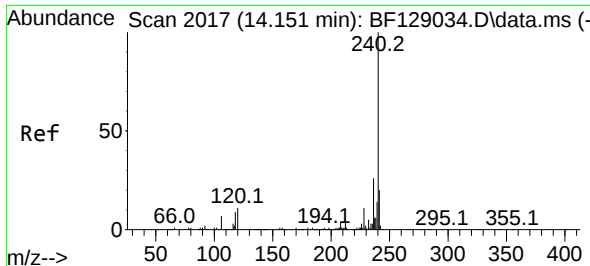
Ion Ratio Lower Upper

248 100

250 198.0 80.6 120.8#

141 504.1 58.9 88.3#

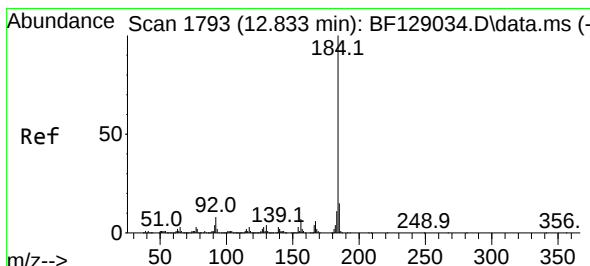
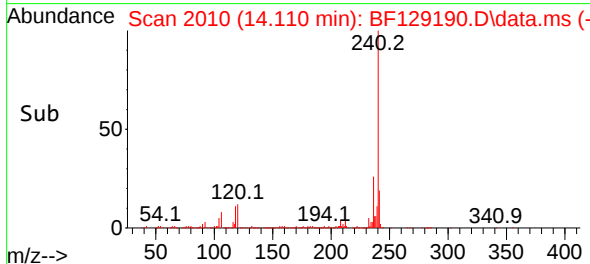
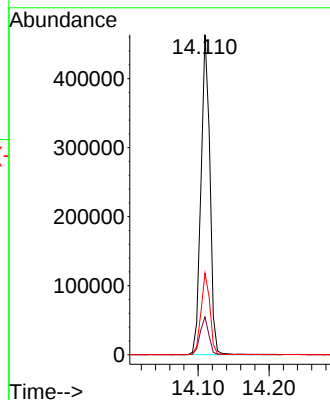
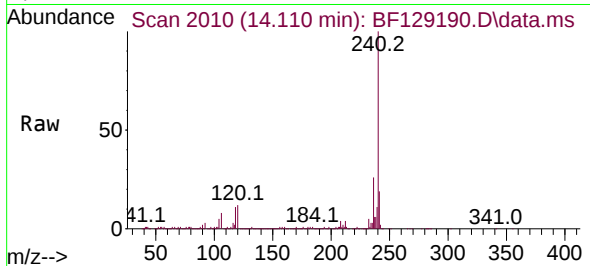




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF129190.D
Acq: 12 Jul 2022 15:37

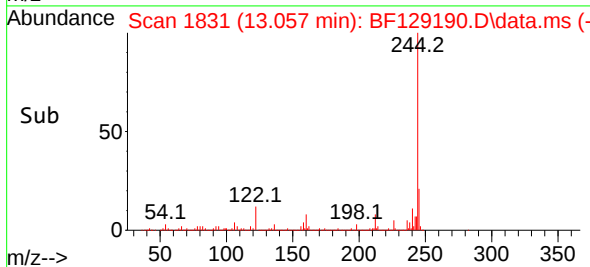
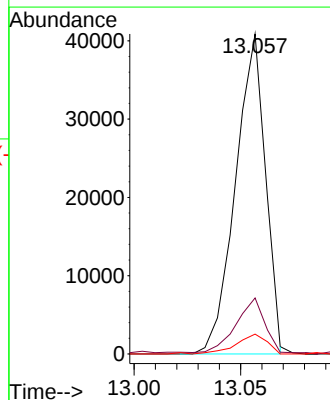
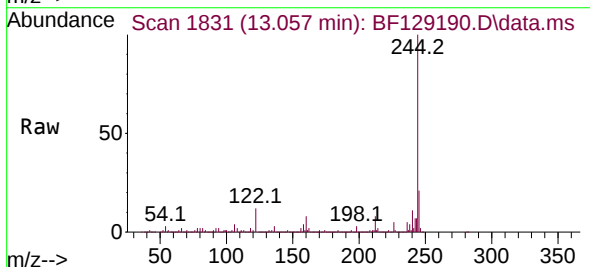
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708

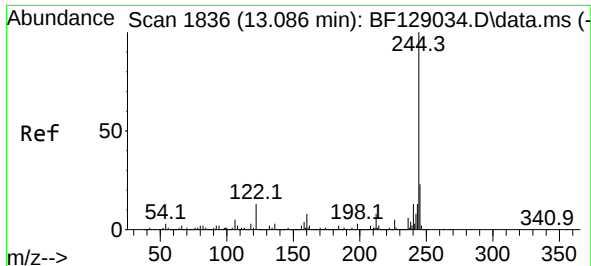
Tgt Ion:240 Resp: 405312
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 25.5 20.8 31.2



#77
Benzidine
Concen: 5.550 ng
RT: 13.057 min Scan# 1831
Delta R.T. 0.253 min
Lab File: BF129190.D
Acq: 12 Jul 2022 15:37

Tgt Ion:184 Resp: 40052
Ion Ratio Lower Upper
184 100
185 17.5 11.9 17.9
183 6.2 9.3 13.9#

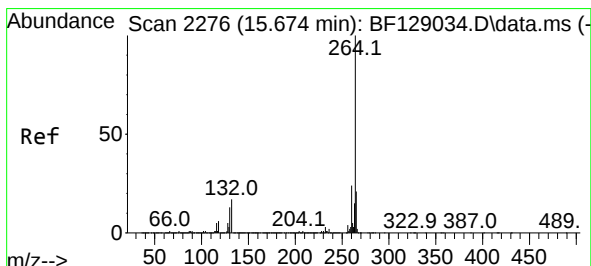
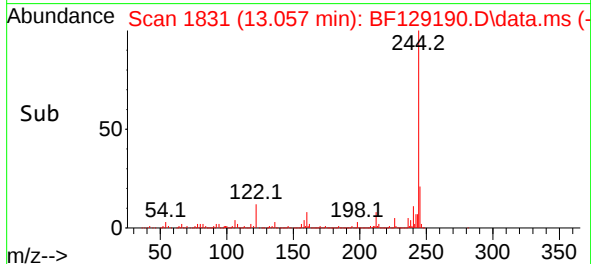
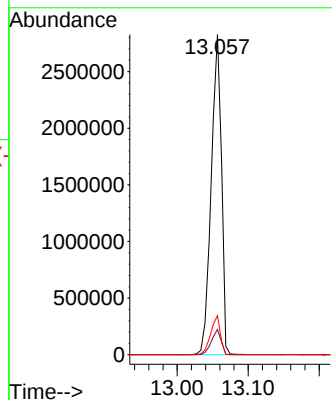
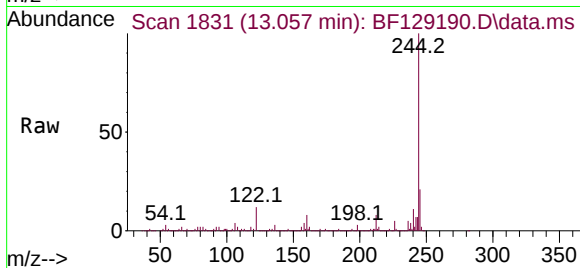




#79
 Terphenyl-d14
 Concen: 145.523 ng
 RT: 13.057 min Scan# 1831
 Delta R.T. -0.006 min
 Lab File: BF129190.D
 Acq: 12 Jul 2022 15:37

Instrument :
 BNA_F
 ClientSampleId :
 CMR-TP1-0708

Tgt Ion:244 Resp: 2840290
 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: BF129190.D
 Acq: 12 Jul 2022 15:37

Tgt Ion:264 Resp: 384619
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 21.9 17.2 25.8

