

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
 Data File : BF129388.D
 Acq On : 27 Jul 2022 21:37
 Operator : CG\JU
 Sample : N3861-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-19R

Quant Time: Jul 28 01:32:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

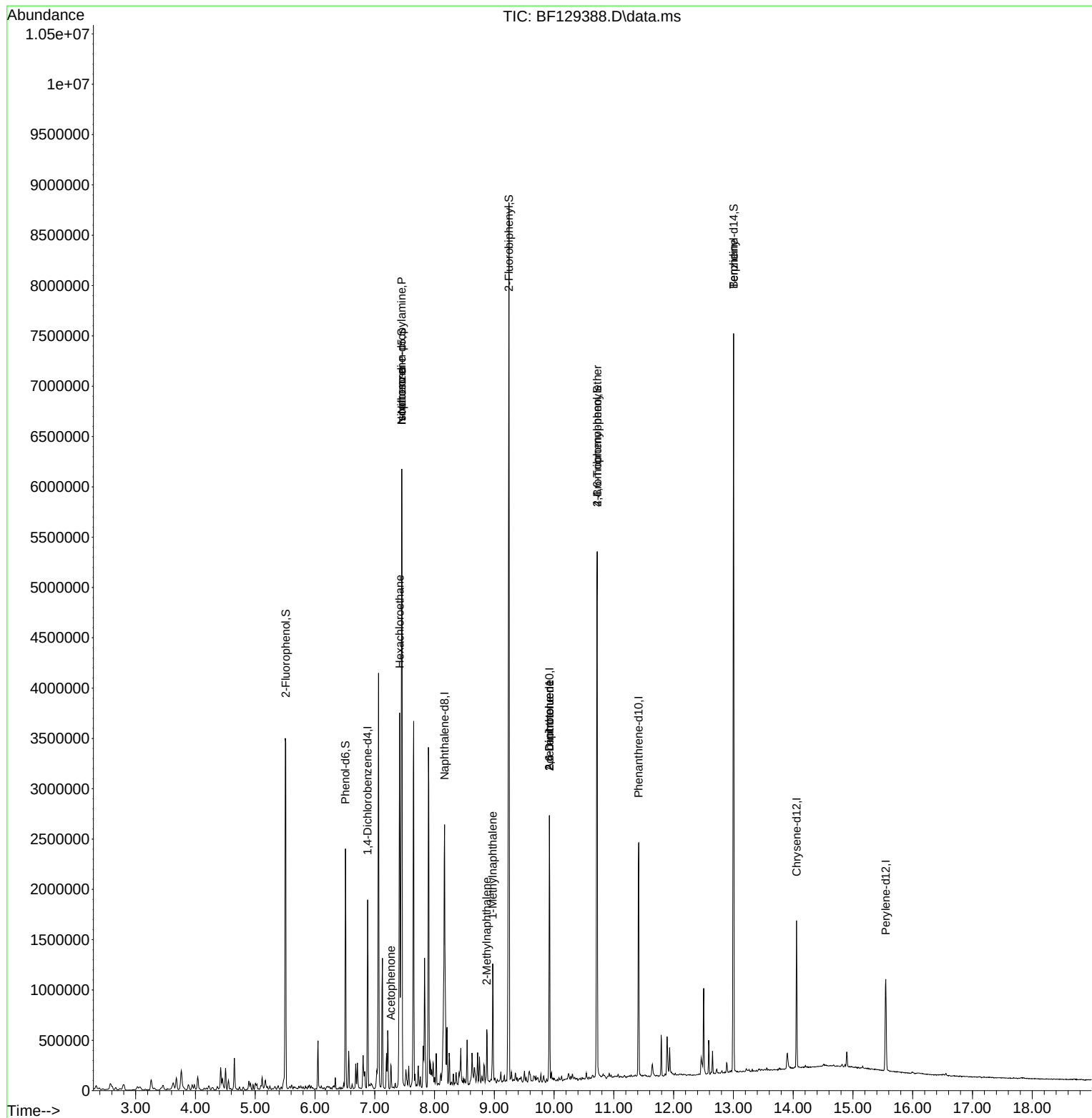
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	259788	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1009639	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	518244	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	810260	20.000	ng	0.00
76) Chrysene-d12	14.057	240	474612	20.000	ng	-0.01
86) Perylene-d12	15.551	264	416084	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	982309	61.596	ng	0.01
7) Phenol-d6	6.510	99	763911	38.109	ng	0.00
23) Nitrobenzene-d5	7.451	82	1676478	90.643	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	688506	138.184	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2760074	82.388	ng	0.00
79) Terphenyl-d14	13.004	244	2523372	100.304	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.416	117	239079	33.410	ng	# 1
19) n-Nitroso-di-n-propyla...	7.451	70	228701	18.846	ng	# 76
22) Acetophenone	7.269	105	96004	4.084	ng	# 55
25) Isophorone	7.451	82	1664623	50.210	ng	# 65
37) 2-Methylnaphthalene	8.875	142	138101	4.143	ng	97
38) 1-Methylnaphthalene	8.975	142	263515	8.189	ng	100
51) 2,6-Dinitrotoluene	9.922	165	68028	8.496	ng	# 26
57) 2,4-Dinitrotoluene	9.922	165	68028	6.503	ng	# 22
67) 4-Bromophenyl-phenylether	10.722	248	43068	4.854	ng	# 1
77) Benzidine	13.004	184	36197	2.159	ng	# 91

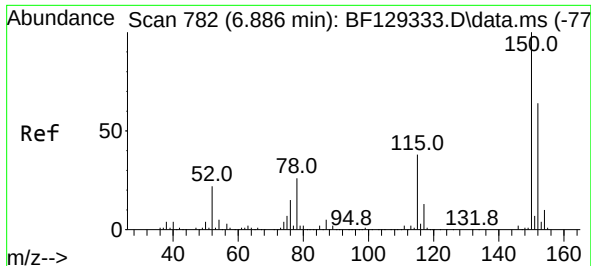
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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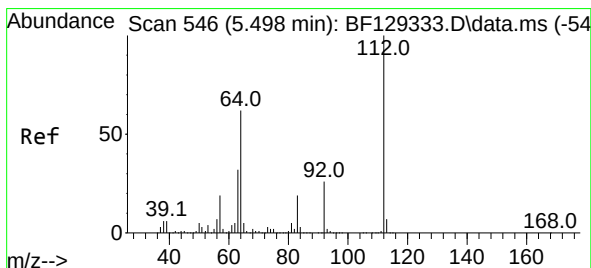
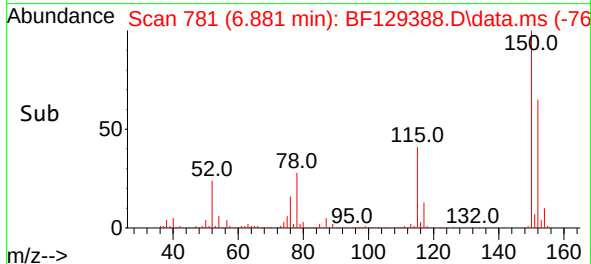
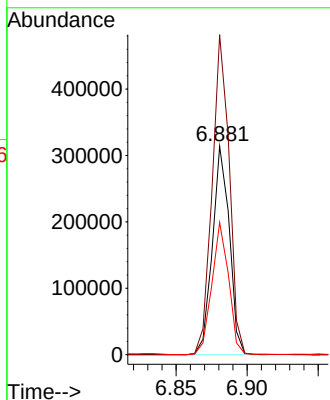
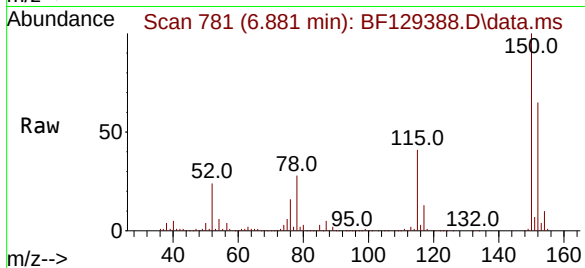




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129388.D
 Acq: 27 Jul 2022 21:37

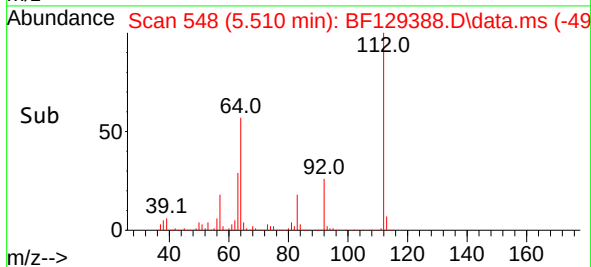
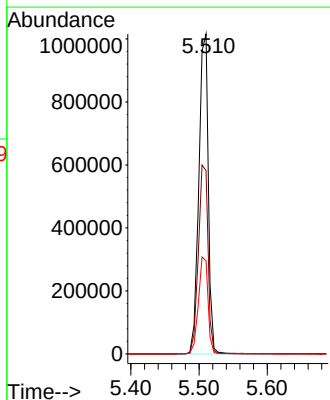
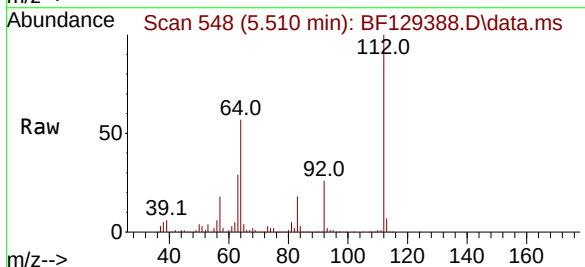
Instrument :
 BNA_F
 ClientSampleId :
 MW-19R

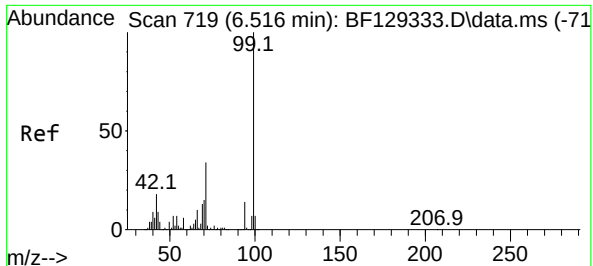
Tgt Ion:152 Resp: 259788
 Ion Ratio Lower Upper
 152 100
 150 153.5 123.7 185.5
 115 63.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 61.596 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.012 min
 Lab File: BF129388.D
 Acq: 27 Jul 2022 21:37

Tgt Ion:112 Resp: 982309
 Ion Ratio Lower Upper
 112 100
 64 57.3 53.3 79.9
 63 29.1 28.0 42.0

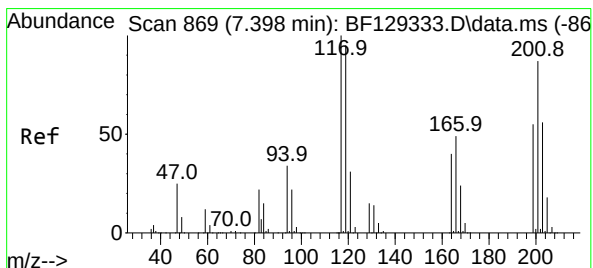
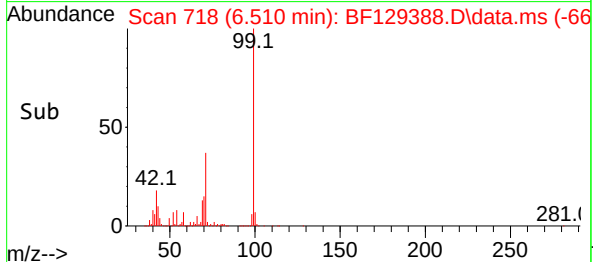
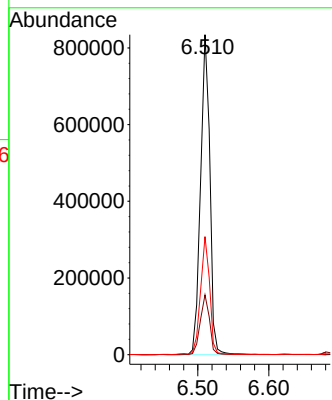
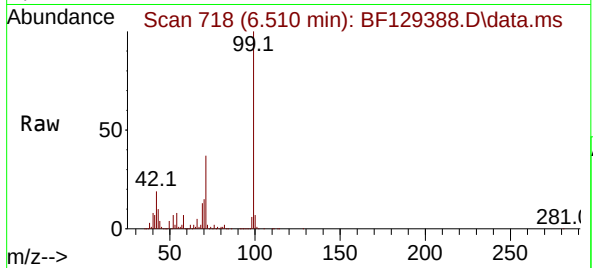




#7
Phenol-d6
Concen: 38.109 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129388.D
Acq: 27 Jul 2022 21:37

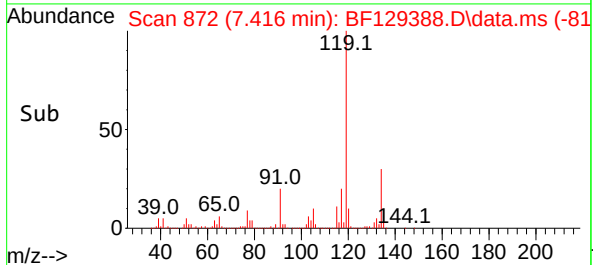
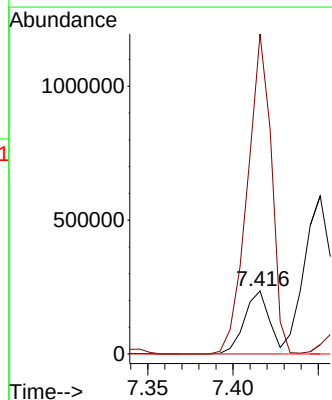
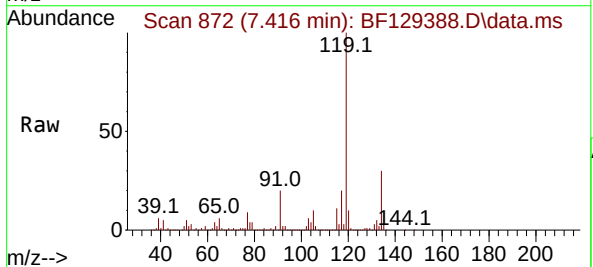
Instrument :
BNA_F
ClientSampleId :
MW-19R

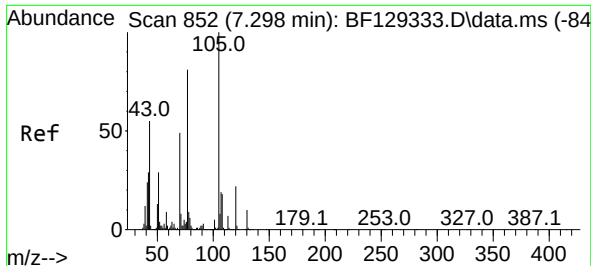
Tgt Ion: 99 Resp: 763911
Ion Ratio Lower Upper
99 100
42 18.7 17.3 25.9
71 36.9 28.9 43.3



#18
Hexachloroethane
Concen: 33.410 ng
RT: 7.416 min Scan# 872
Delta R.T. 0.018 min
Lab File: BF129388.D
Acq: 27 Jul 2022 21:37

Tgt Ion: 117 Resp: 239079
Ion Ratio Lower Upper
117 100
119 508.3 77.4 116.2#
201 0.0 84.6 127.0#

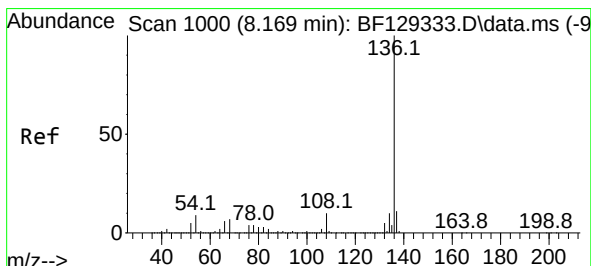
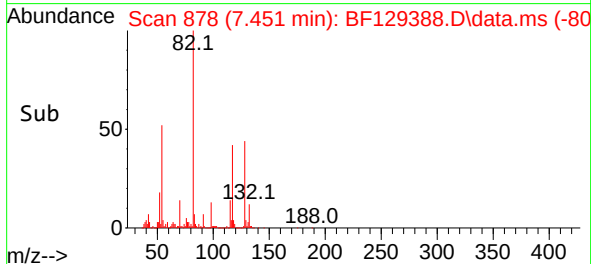
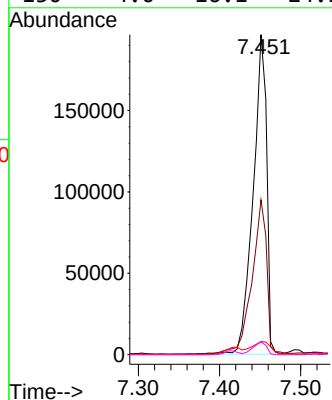
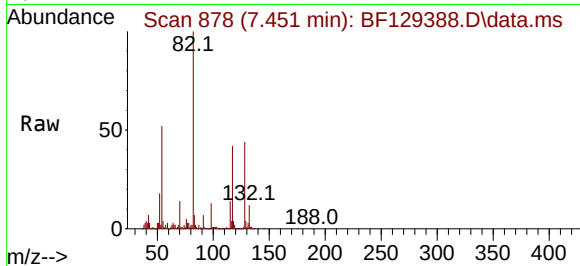




#19
n-Nitroso-di-n-propylamine
Concen: 18.846 ng
RT: 7.451 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF129388.D
Acq: 27 Jul 2022 21:37

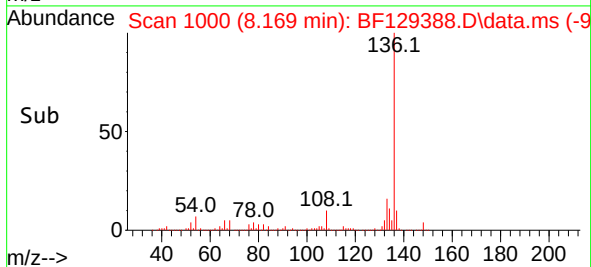
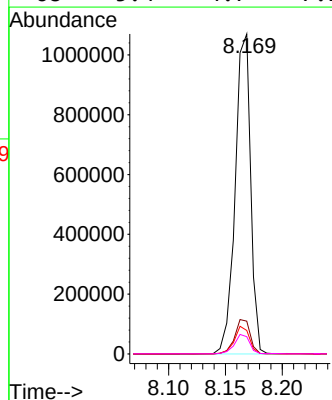
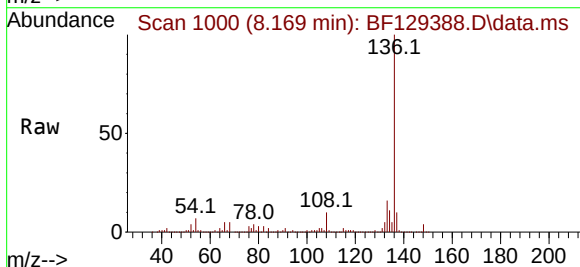
Instrument :
BNA_F
ClientSampleId :
MW-19R

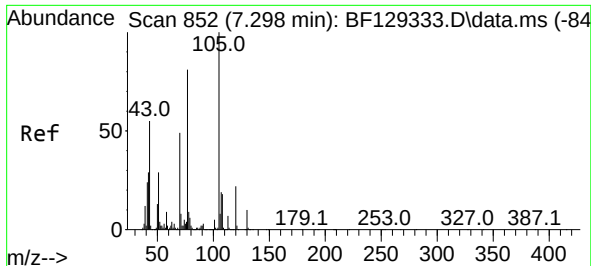
Tgt Ion: 70 Resp: 228701
Ion Ratio Lower Upper
70 100
42 48.4 52.3 78.5#
101 4.1 7.5 11.3#
130 4.0 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BF129388.D
Acq: 27 Jul 2022 21:37

Tgt Ion:136 Resp: 1009639
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 7.3 7.5 11.3#
68 5.4 4.7 7.1

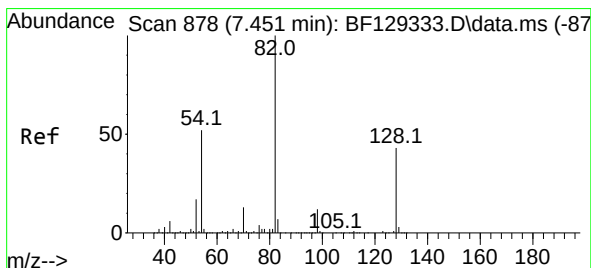
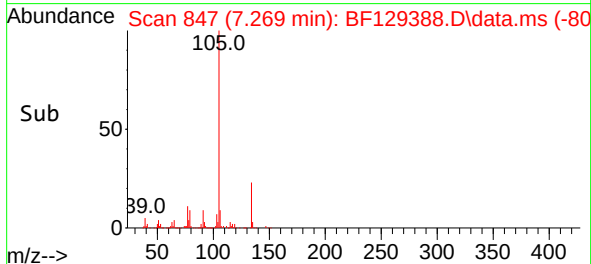
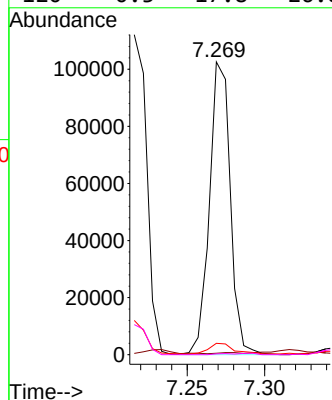
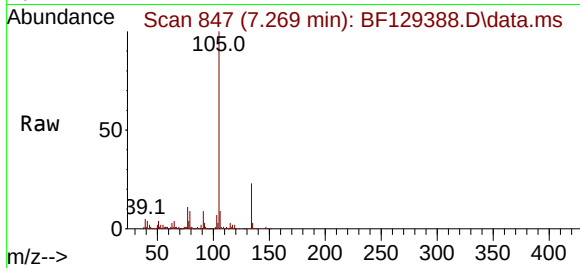




#22
Acetophenone
Concen: 4.084 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.029 min
Lab File: BF129388.D
Acq: 27 Jul 2022 21:37

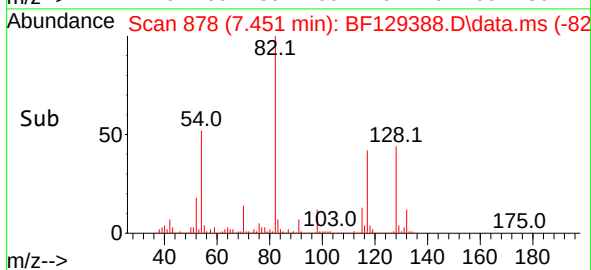
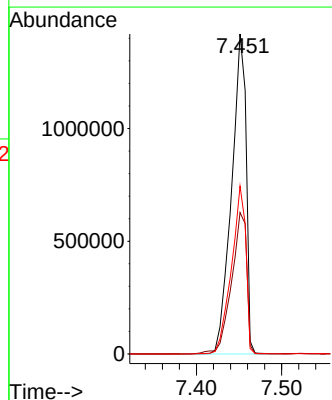
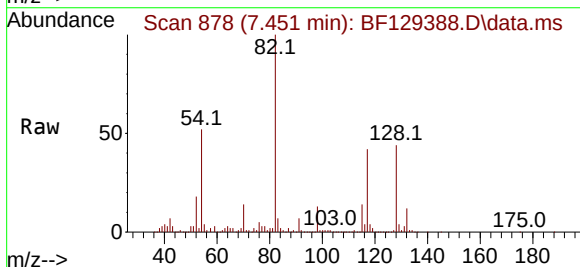
Instrument :
BNA_F
ClientSampleId :
MW-19R

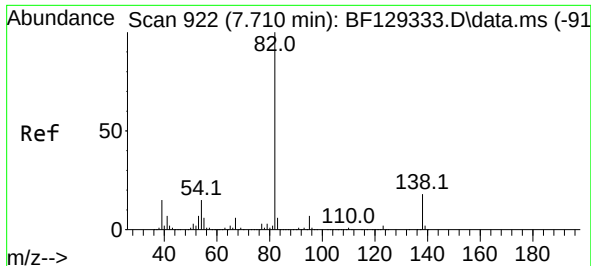
Tgt Ion:	105	Resp:	96004
Ion Ratio	Lower	Upper	
105	100		
71	0.5	5.0	7.4#
51	3.9	25.0	37.4#
120	0.3	17.8	26.8#



#23
Nitrobenzene-d5
Concen: 90.643 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF129388.D
Acq: 27 Jul 2022 21:37

Tgt Ion:	82	Resp:	1676478
Ion Ratio	Lower	Upper	
82	100		
128	44.2	34.0	51.0
54	52.4	46.9	70.3

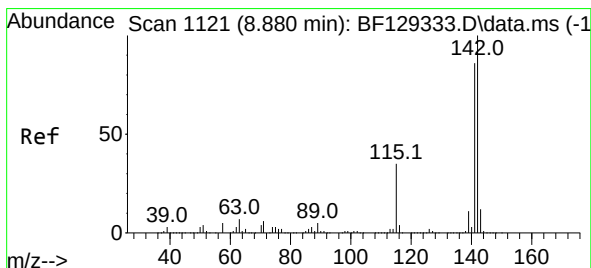
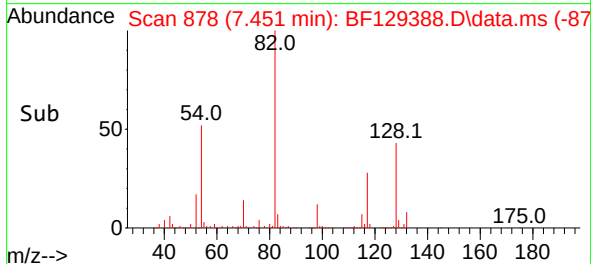
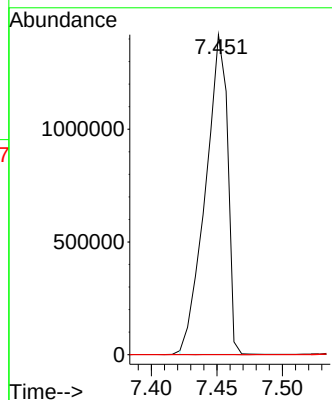
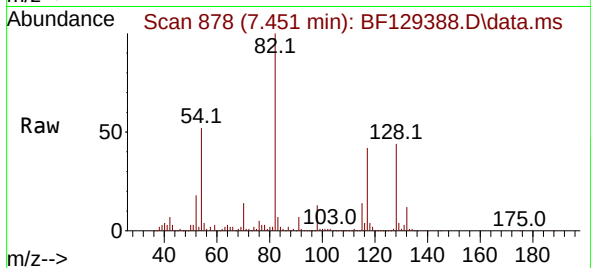




#25
Isophorone
Concen: 50.210 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129388.D
Acq: 27 Jul 2022 21:37

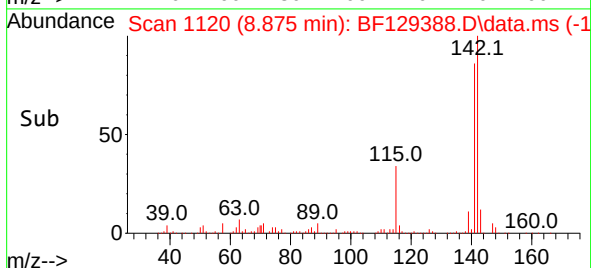
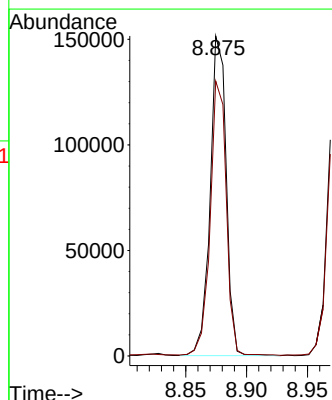
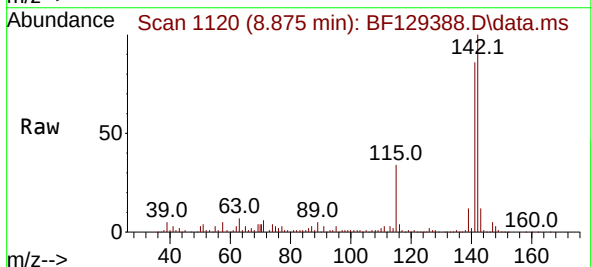
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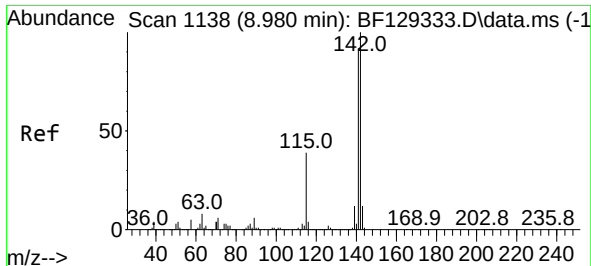
Tgt Ion: 82 Resp: 1664623
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#37
2-Methylnaphthalene
Concen: 4.143 ng
RT: 8.875 min Scan# 1120
Delta R.T. -0.006 min
Lab File: BF129388.D
Acq: 27 Jul 2022 21:37

Tgt Ion:142 Resp: 138101
Ion Ratio Lower Upper
142 100
141 85.9 71.0 106.4

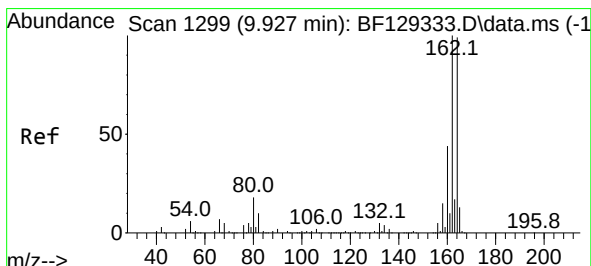
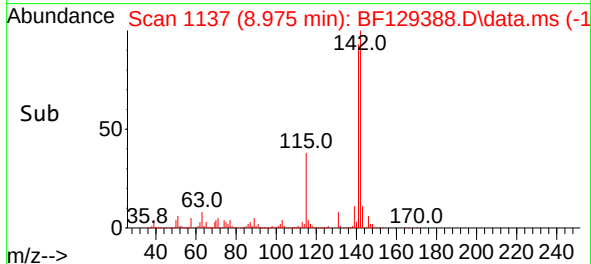
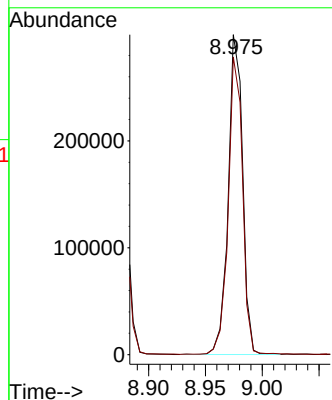
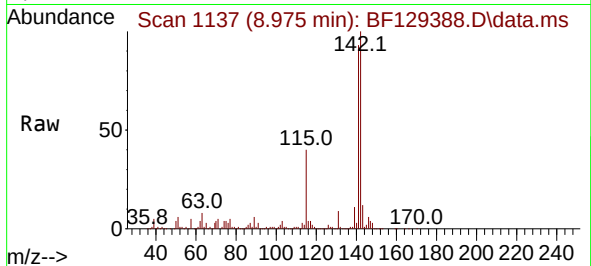




#38
1-Methylnaphthalene
Concen: 8.189 ng
RT: 8.975 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BF129388.D
Acq: 27 Jul 2022 21:37

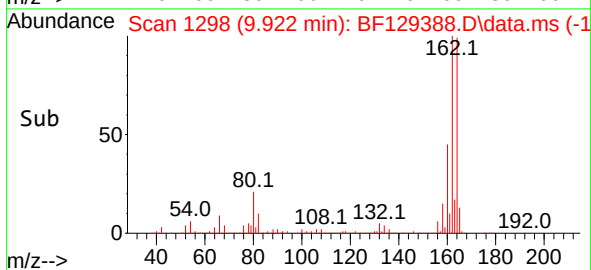
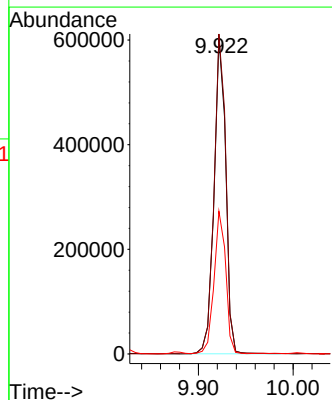
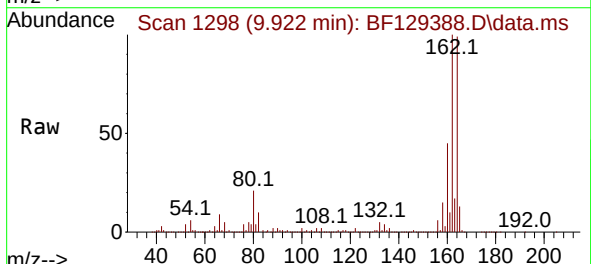
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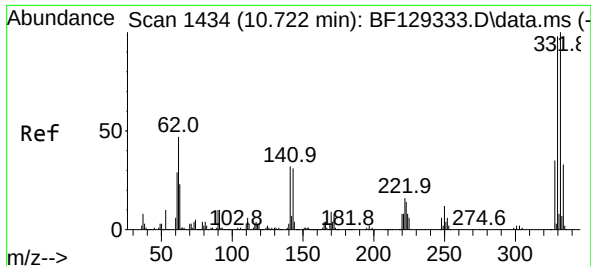
Tgt Ion:142 Resp: 263515
Ion Ratio Lower Upper
142 100
141 93.0 74.2 111.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129388.D
Acq: 27 Jul 2022 21:37

Tgt Ion:164 Resp: 518244
Ion Ratio Lower Upper
164 100
162 101.4 79.5 119.3
160 45.2 34.2 51.4

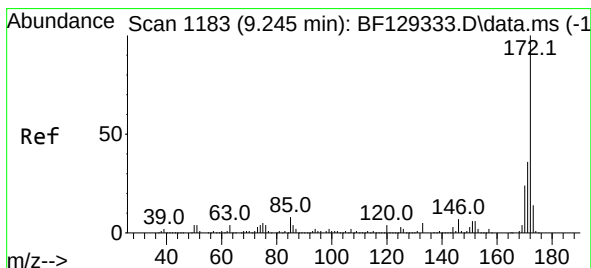
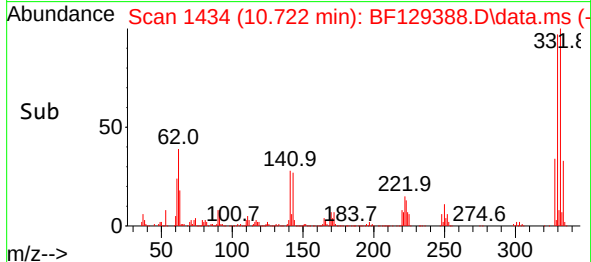
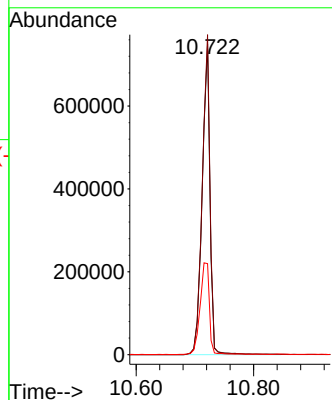
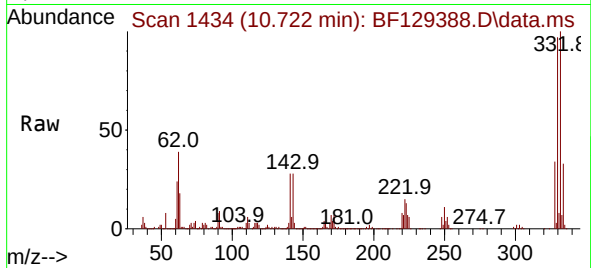




#42
 2,4,6-Tribromophenol
 Concen: 138.184 ng
 RT: 10.722 min Scan# 1434
 Delta R.T. 0.000 min
 Lab File: BF129388.D
 Acq: 27 Jul 2022 21:37

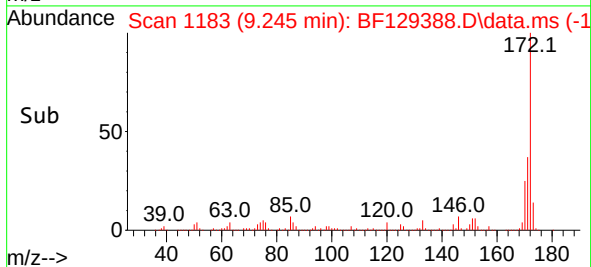
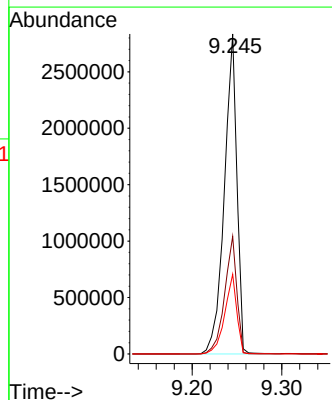
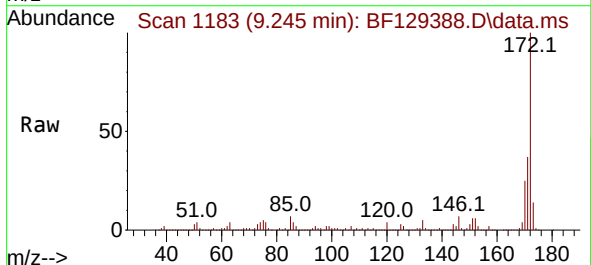
Instrument :
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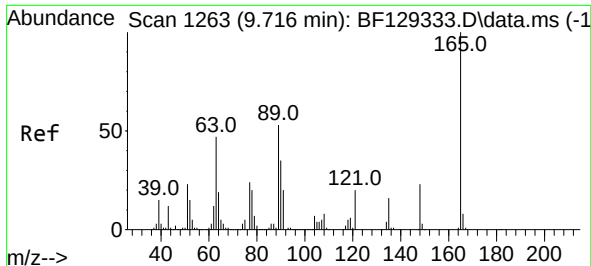
Tgt Ion:330 Resp: 688506
 Ion Ratio Lower Upper
 330 100
 332 103.1 76.8 115.2
 141 35.0 28.0 42.0



#45
 2-Fluorobiphenyl
 Concen: 82.388 ng
 RT: 9.245 min Scan# 1183
 Delta R.T. 0.000 min
 Lab File: BF129388.D
 Acq: 27 Jul 2022 21:37

Tgt Ion:172 Resp: 2760074
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.8 43.2
 170 24.9 19.8 29.8

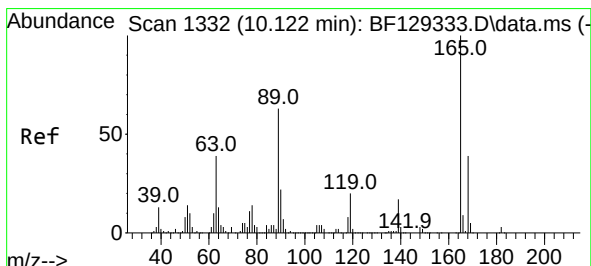
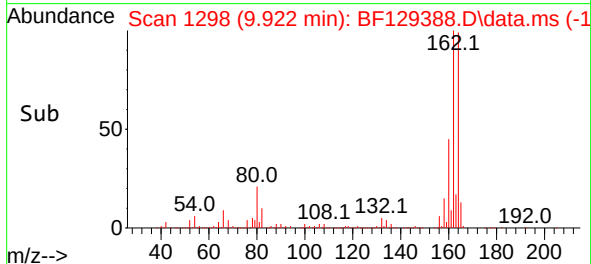
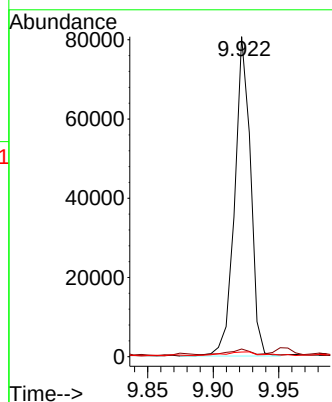
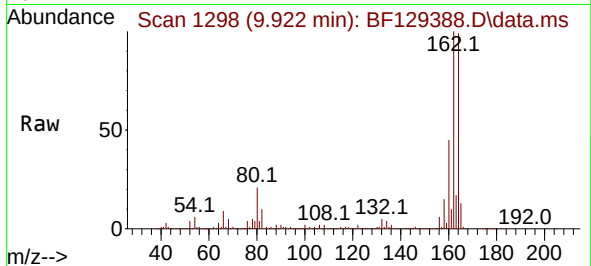




#51
2,6-Dinitrotoluene
Concen: 8.496 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.206 min
Lab File: BF129388.D
Acq: 27 Jul 2022 21:37

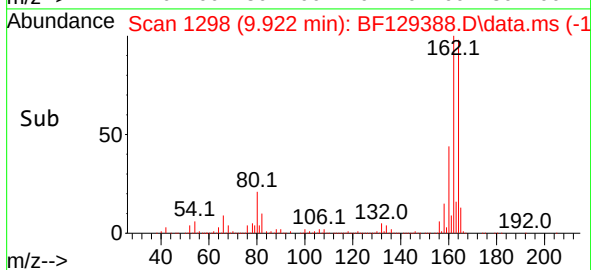
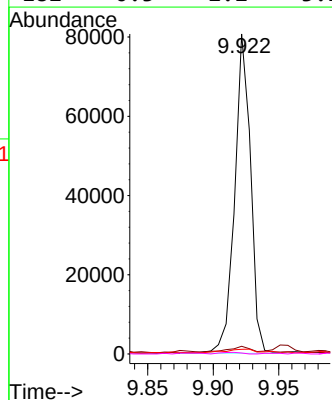
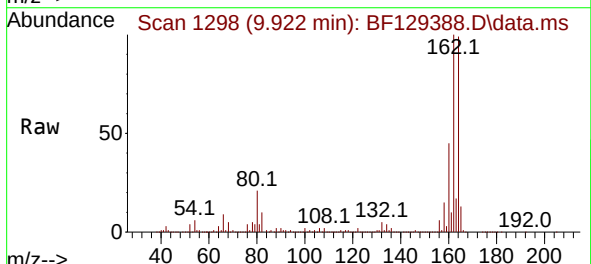
Instrument :
BNA_F
ClientSampleId :
MW-19R

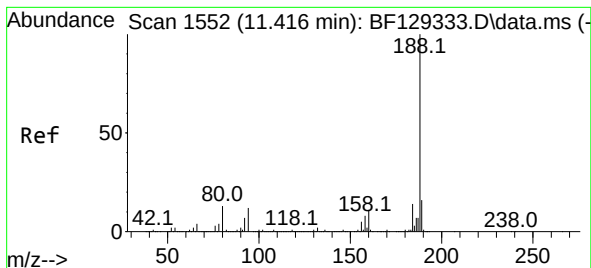
Tgt Ion:165 Resp: 68028
Ion Ratio Lower Upper
165 100
63 2.4 44.9 67.3#
89 1.5 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.503 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.200 min
Lab File: BF129388.D
Acq: 27 Jul 2022 21:37

Tgt Ion:165 Resp: 68028
Ion Ratio Lower Upper
165 100
63 2.4 39.8 59.6#
89 1.5 60.2 90.2#
182 0.3 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF129388.D

Acq: 27 Jul 2022 21:37

Instrument :

BNA_F

ClientSampleId :

MW-19R

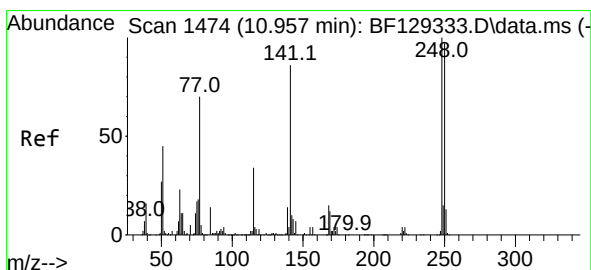
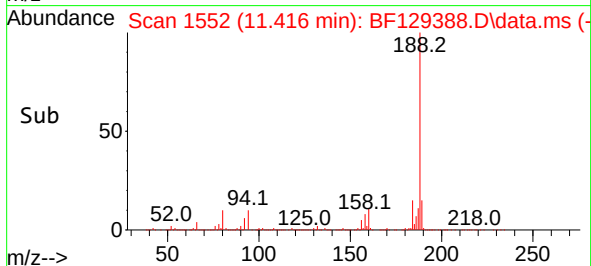
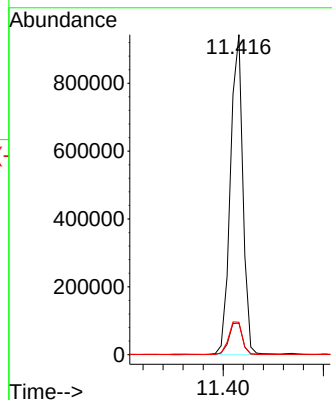
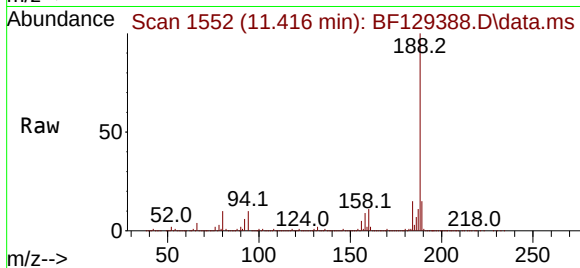
Tgt Ion:188 Resp: 810260

Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.6

80 10.1 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.854 ng

RT: 10.722 min Scan# 1434

Delta R.T. -0.235 min

Lab File: BF129388.D

Acq: 27 Jul 2022 21:37

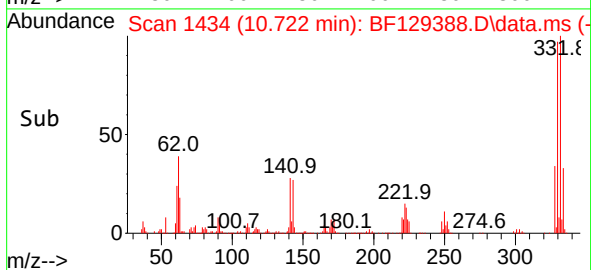
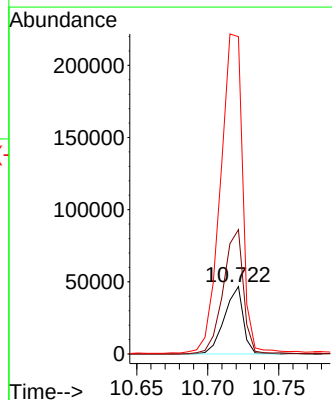
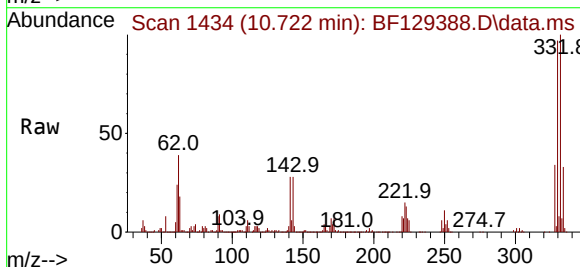
Tgt Ion:248 Resp: 43068

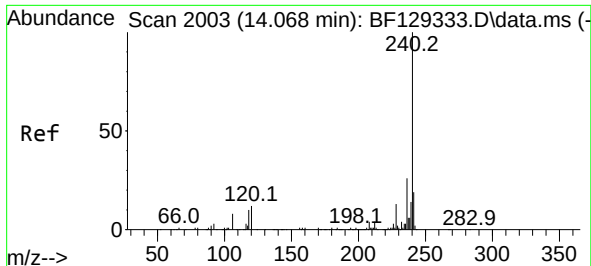
Ion Ratio Lower Upper

248 100

250 184.6 80.6 120.8#

141 470.8 58.9 88.3#

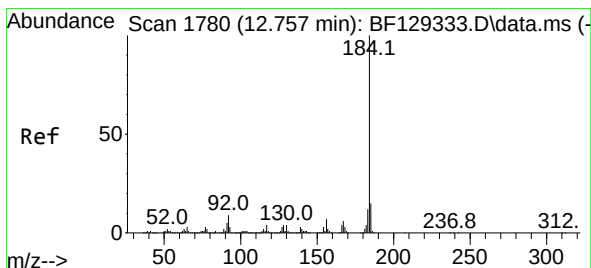
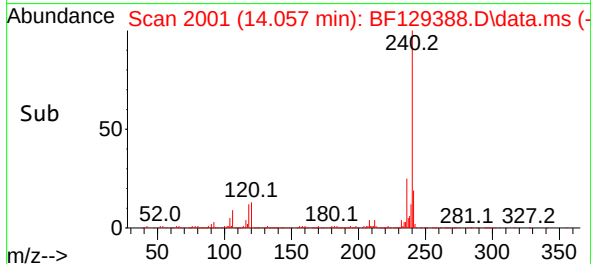
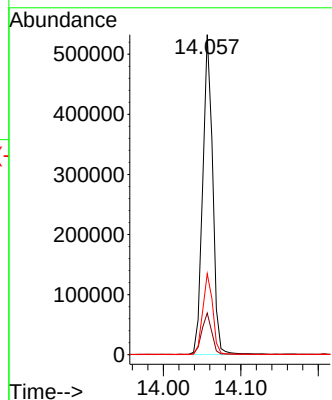
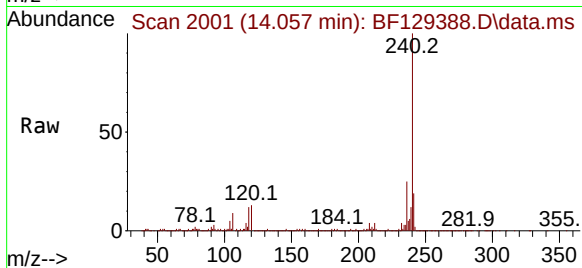




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129388.D
Acq: 27 Jul 2022 21:37

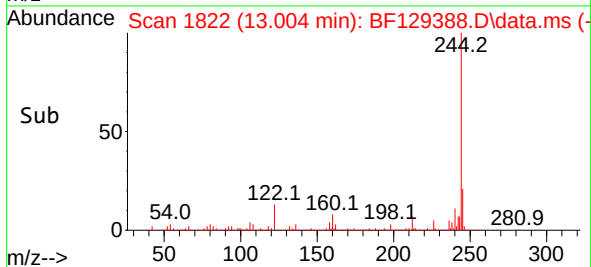
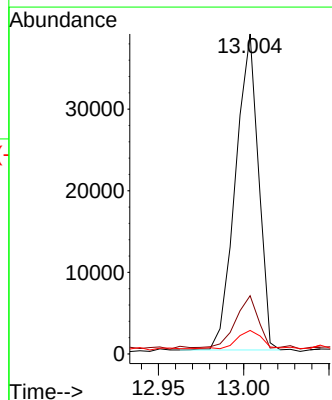
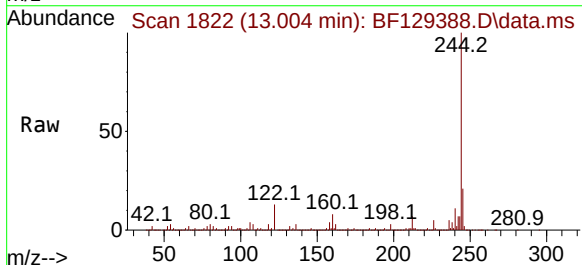
Instrument :
BNA_F
ClientSampleId :
MW-19R

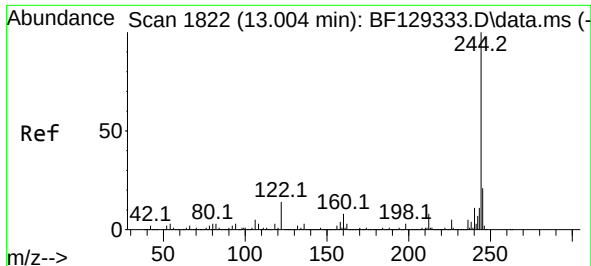
Tgt Ion:240 Resp: 474612
Ion Ratio Lower Upper
240 100
120 13.0 8.9 13.3
236 25.3 20.8 31.2



#77
Benzidine
Concen: 2.159 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.247 min
Lab File: BF129388.D
Acq: 27 Jul 2022 21:37

Tgt Ion:184 Resp: 36197
Ion Ratio Lower Upper
184 100
185 18.2 11.9 17.9#
183 7.4 9.3 13.9#

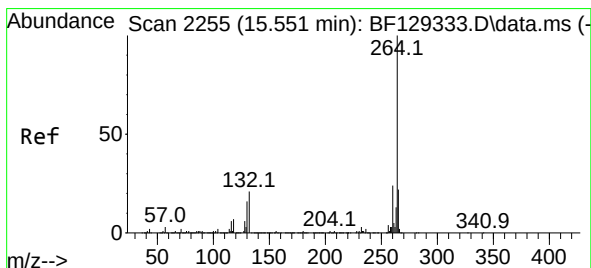
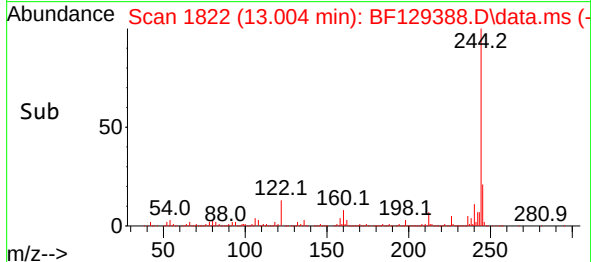
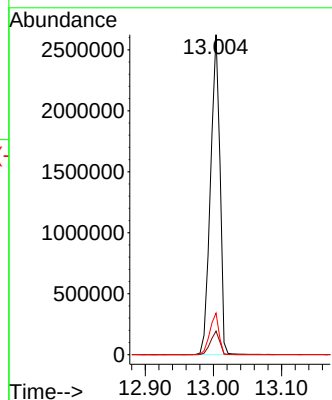
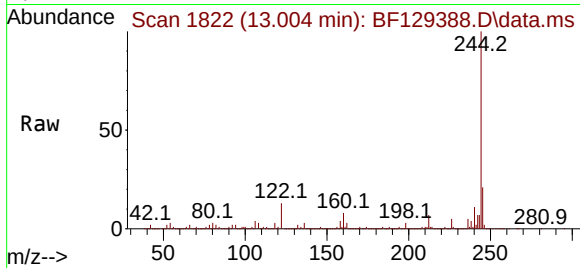




#79
 Terphenyl-d14
 Concen: 100.304 ng
 RT: 13.004 min Scan# 1822
 Delta R.T. 0.000 min
 Lab File: BF129388.D
 Acq: 27 Jul 2022 21:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-19R

Tgt Ion:244 Resp: 2523372
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 13.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2255
 Delta R.T. 0.000 min
 Lab File: BF129388.D
 Acq: 27 Jul 2022 21:37

Tgt Ion:264 Resp: 416084
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 21.6 17.2 25.8

