

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
 Data File : BF129382.D
 Acq On : 27 Jul 2022 18:17
 Operator : CG\JU
 Sample : N3861-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-072122

Quant Time: Jul 28 01:31:34 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)

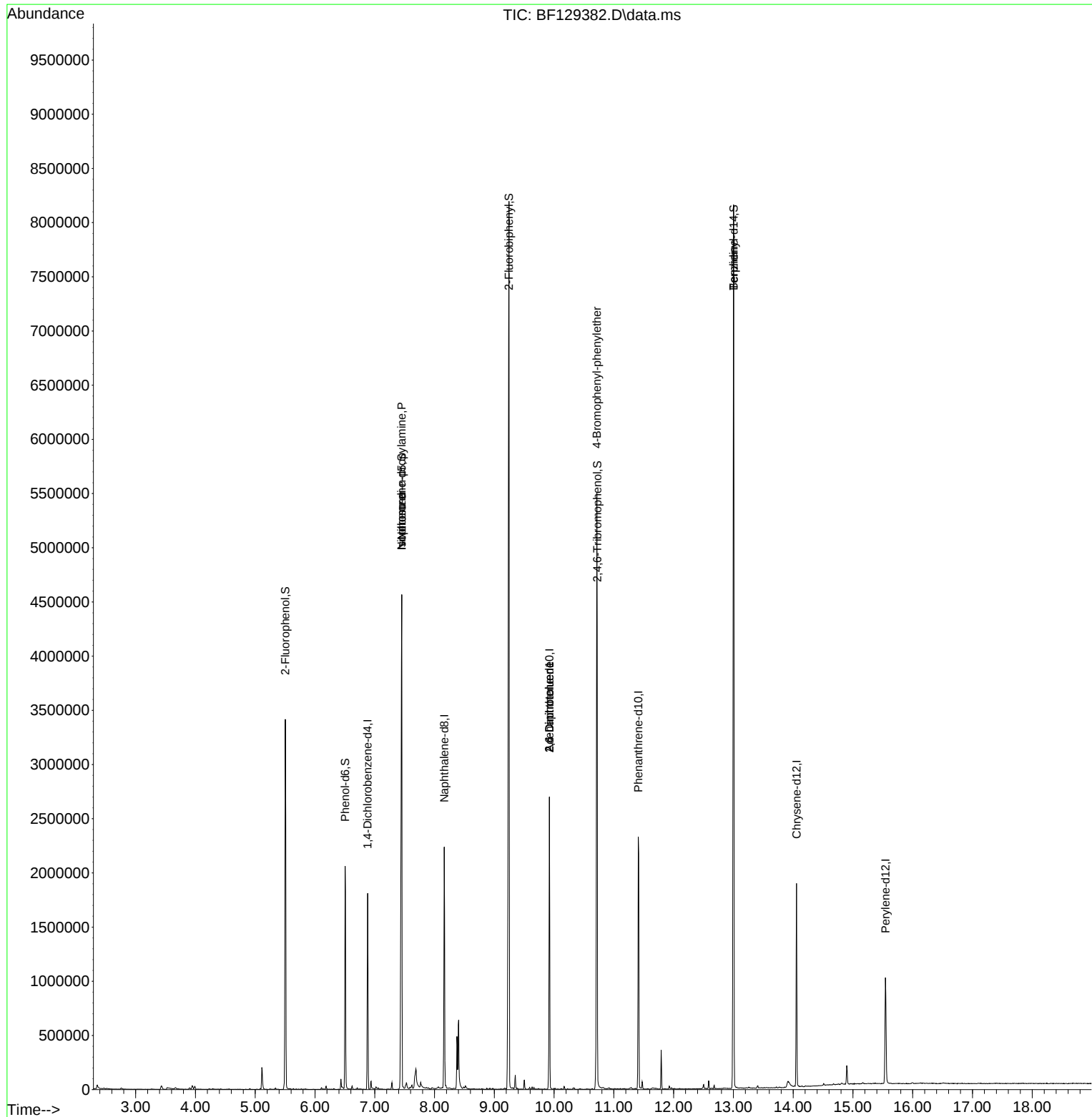
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	245260	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	973115	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	519993	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	867163	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	582937	20.000	ng	-0.01
86) Perylene-d12	15.545	264	443040	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	907132	60.251	ng	0.00
7) Phenol-d6	6.504	99	688216	36.367	ng	-0.01
23) Nitrobenzene-d5	7.451	82	1711888	96.031	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	711476	142.314	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2847239	84.704	ng	0.00
79) Terphenyl-d14	13.004	244	3026396	97.944	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	230537	20.123	ng	# 74
25) Isophorone	7.451	82	1705062	53.360	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	67191	8.363	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	67191	6.402	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	46051	4.850	ng	# 1
77) Benzidine	13.004	184	43444	2.110	ng	# 94

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

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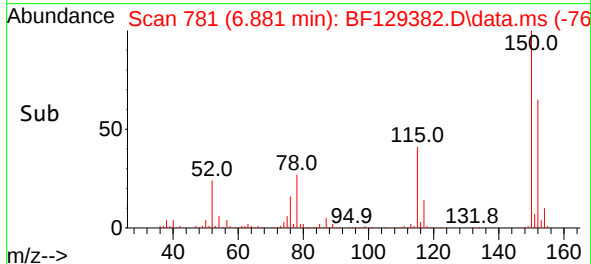
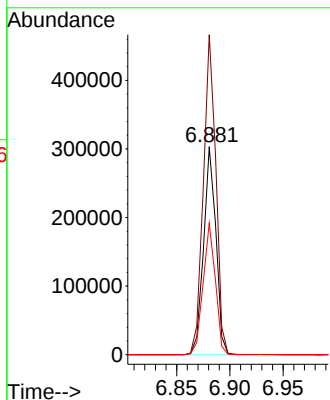
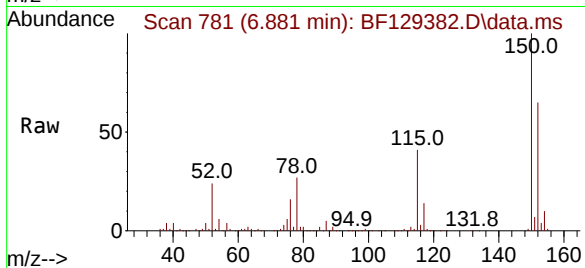




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129382.D
 Acq: 27 Jul 2022 18:17

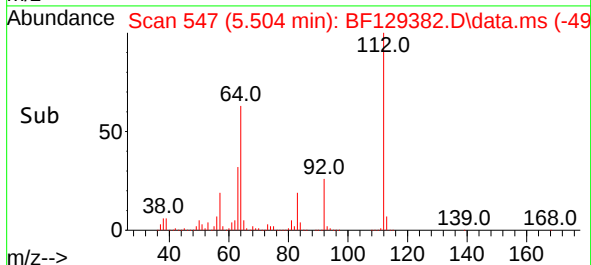
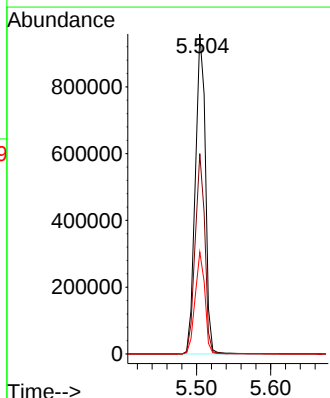
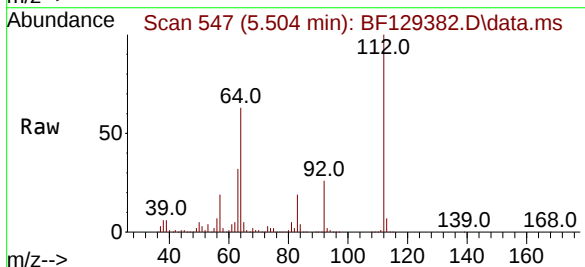
Instrument :
 BNA_F
 ClientSampleId :
 FB-072122

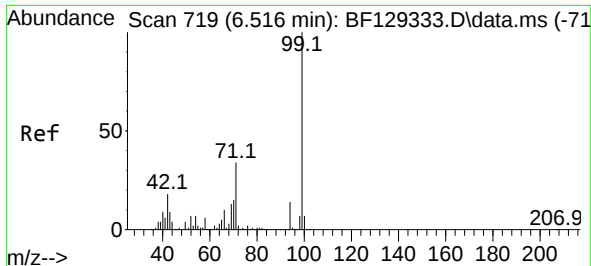
Tgt Ion:152 Resp: 245260
 Ion Ratio Lower Upper
 152 100
 150 153.8 123.7 185.5
 115 63.2 49.9 74.9



#5
 2-Fluorophenol
 Concen: 60.251 ng
 RT: 5.504 min Scan# 547
 Delta R.T. 0.006 min
 Lab File: BF129382.D
 Acq: 27 Jul 2022 18:17

Tgt Ion:112 Resp: 907132
 Ion Ratio Lower Upper
 112 100
 64 62.6 53.3 79.9
 63 31.9 28.0 42.0

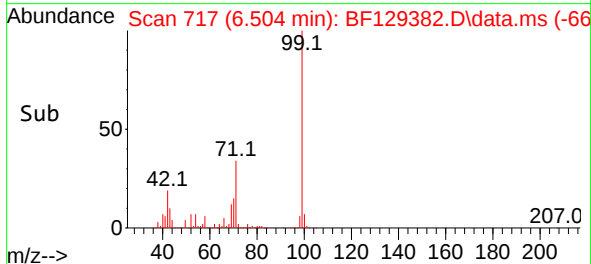
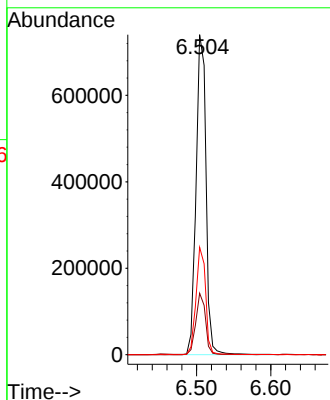
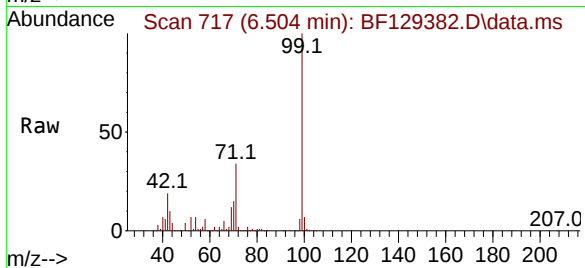




#7
Phenol-d6
Concen: 36.367 ng
RT: 6.504 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129382.D
Acq: 27 Jul 2022 18:17

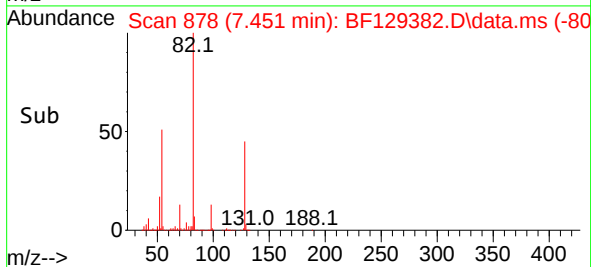
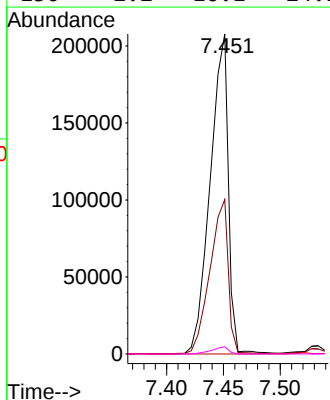
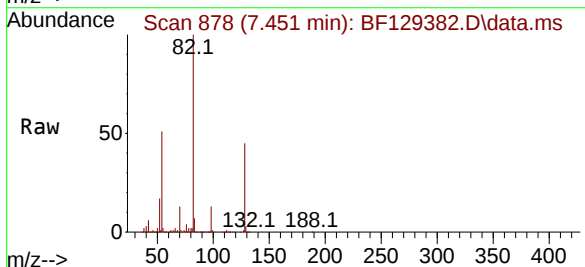
Instrument :
BNA_F
ClientSampleId :
FB-072122

Tgt Ion: 99 Resp: 688216
Ion Ratio Lower Upper
99 100
42 19.2 17.3 25.9
71 33.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.123 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.153 min
Lab File: BF129382.D
Acq: 27 Jul 2022 18:17

Tgt Ion: 70 Resp: 230537
Ion Ratio Lower Upper
70 100
42 48.2 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#

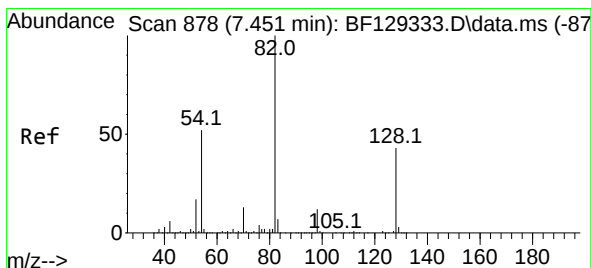
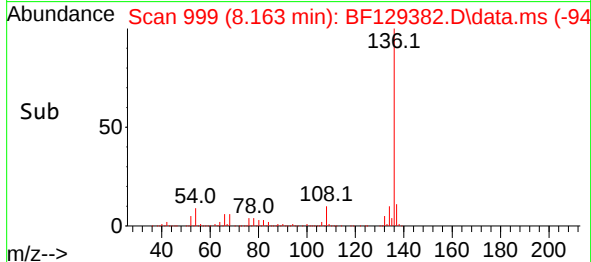
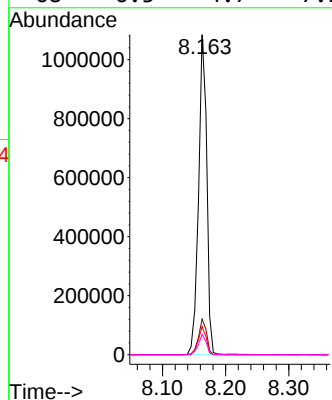
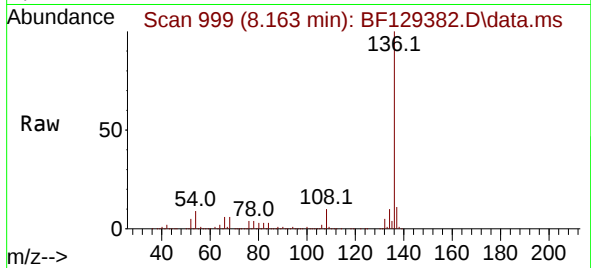




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129382.D
Acq: 27 Jul 2022 18:17

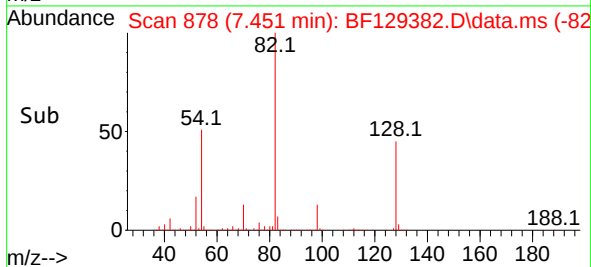
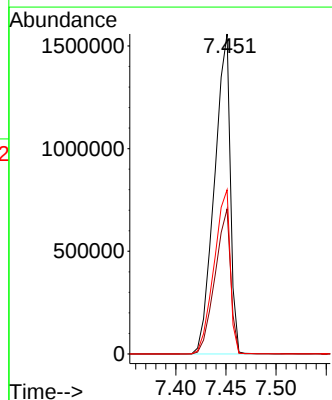
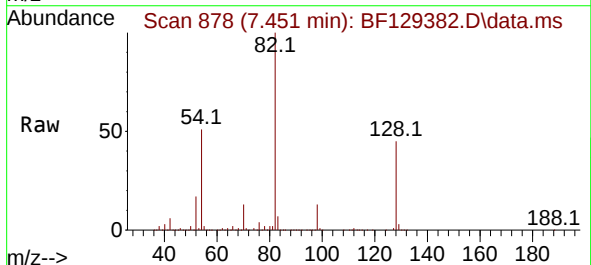
Instrument :
BNA_F
ClientSampleId :
FB-072122

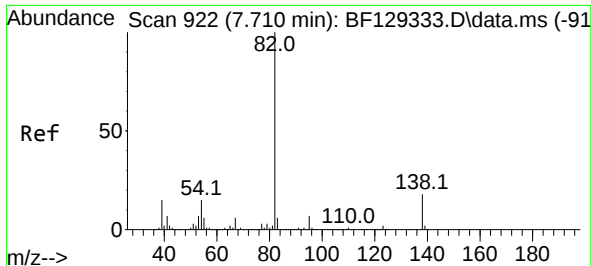
Tgt Ion:136 Resp: 973115
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.8 7.5 11.3
68 6.3 4.7 7.1



#23
Nitrobenzene-d5
Concen: 96.031 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF129382.D
Acq: 27 Jul 2022 18:17

Tgt Ion: 82 Resp: 1711888
Ion Ratio Lower Upper
82 100
128 45.3 34.0 51.0
54 51.3 46.9 70.3

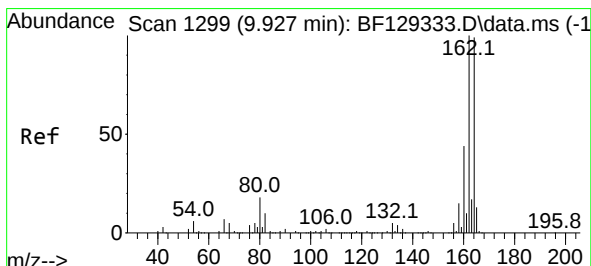
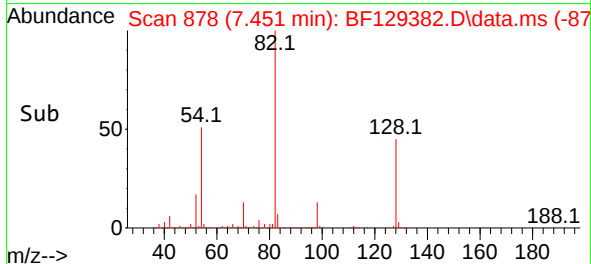
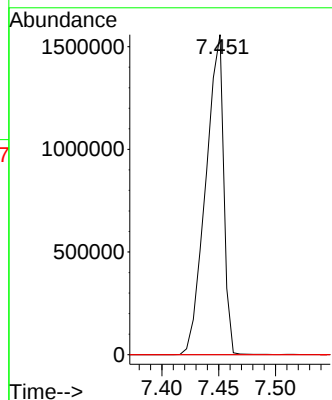
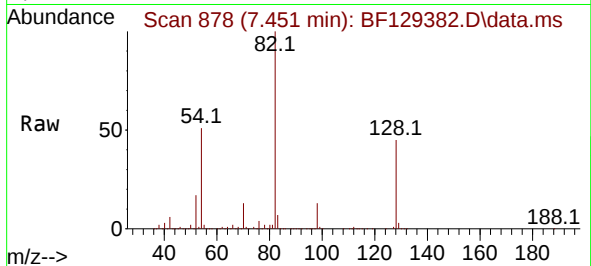




#25
Isophorone
Concen: 53.360 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129382.D
Acq: 27 Jul 2022 18:17

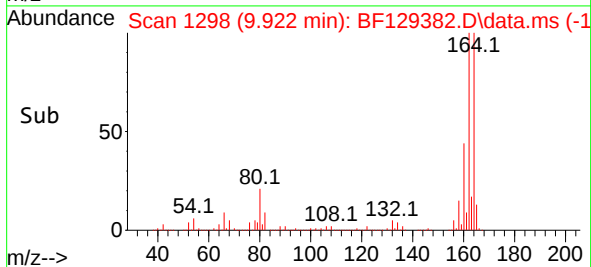
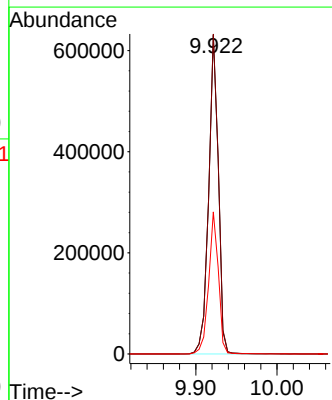
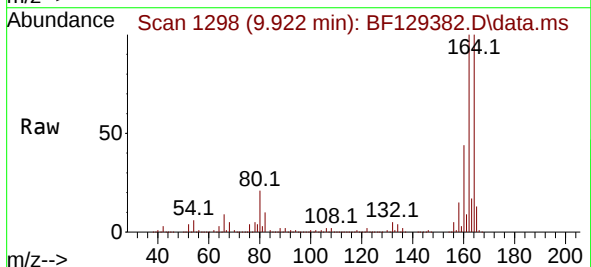
Instrument :
BNA_F
ClientSampleId :
FB-072122

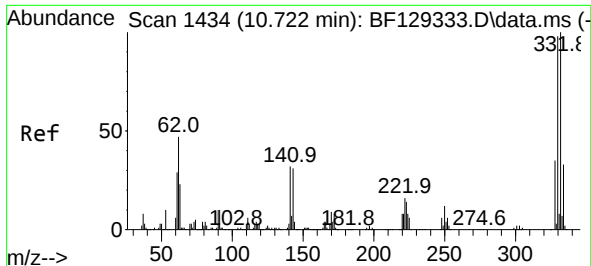
Tgt Ion: 82 Resp: 1705062
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129382.D
Acq: 27 Jul 2022 18:17

Tgt Ion:164 Resp: 519993
Ion Ratio Lower Upper
164 100
162 100.4 79.5 119.3
160 44.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 142.314 ng

RT: 10.721 min Scan# 1434

Delta R.T. -0.000 min

Lab File: BF129382.D

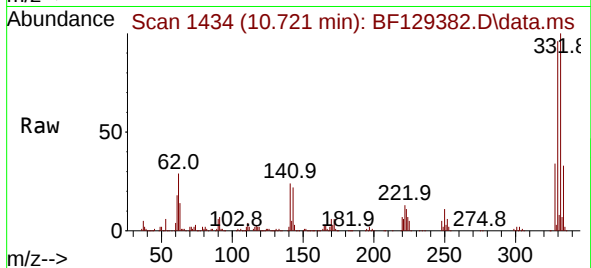
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Instrument :

BNA_F

ClientSampleId :

FB-072122



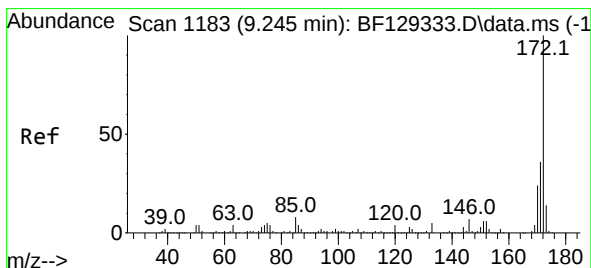
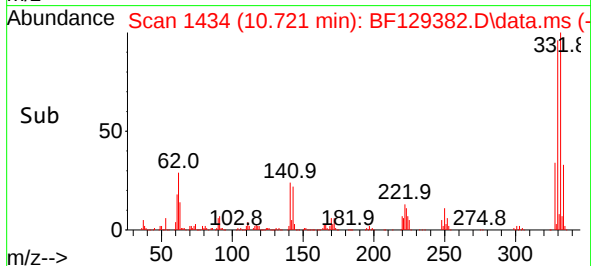
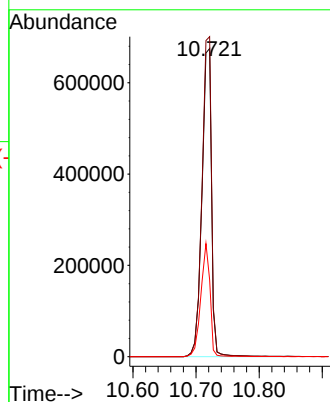
Tgt Ion:330 Resp: 711476

Ion Ratio Lower Upper

330 100

332 103.6 76.8 115.2

141 35.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 84.704 ng

RT: 9.245 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF129382.D

Acq: 27 Jul 2022 18:17

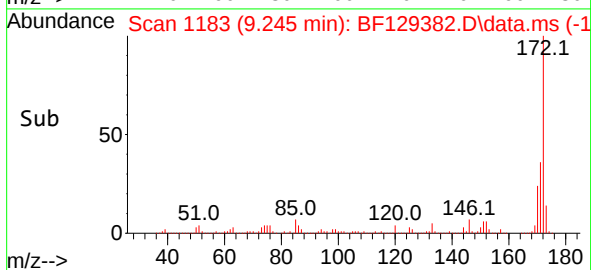
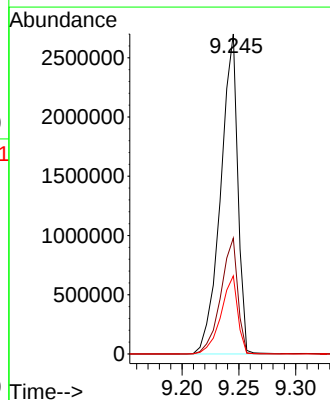
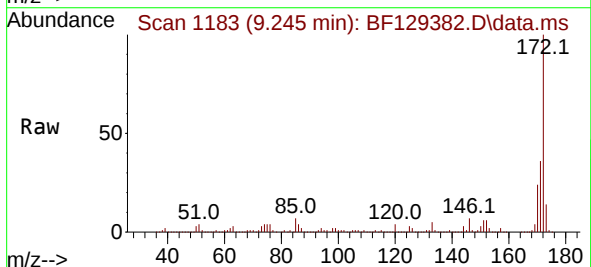
Tgt Ion:172 Resp: 2847239

Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 24.4 19.8 29.8

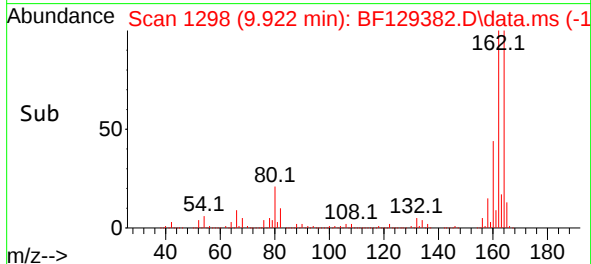
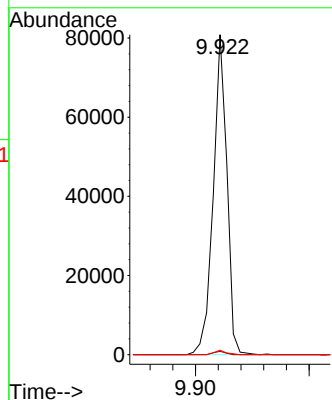
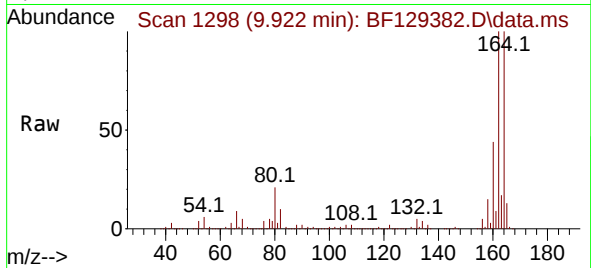




#51
2,6-Dinitrotoluene
Concen: 8.363 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.206 min
Lab File: BF129382.D
Acq: 27 Jul 2022 18:17

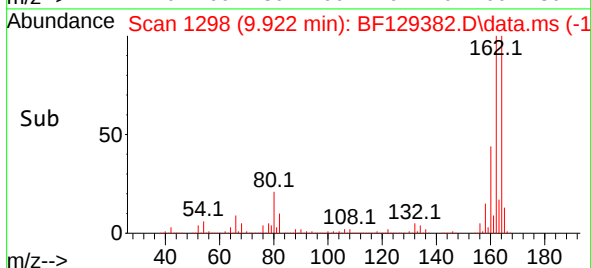
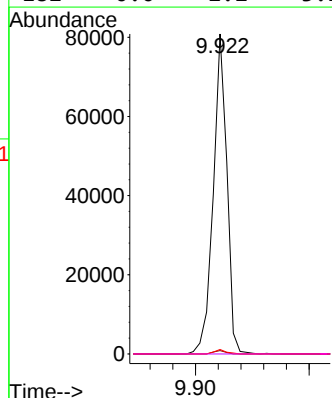
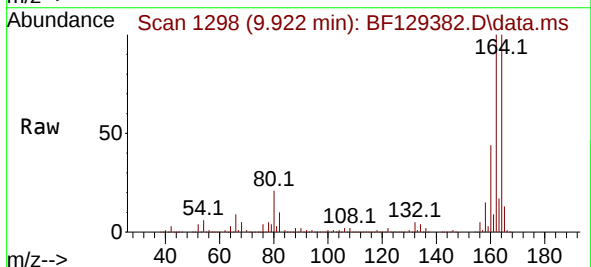
Instrument :
BNA_F
ClientSampleId :
FB-072122

Tgt Ion:165 Resp: 67191
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 1.4 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.402 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.200 min
Lab File: BF129382.D
Acq: 27 Jul 2022 18:17

Tgt Ion:165 Resp: 67191
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#

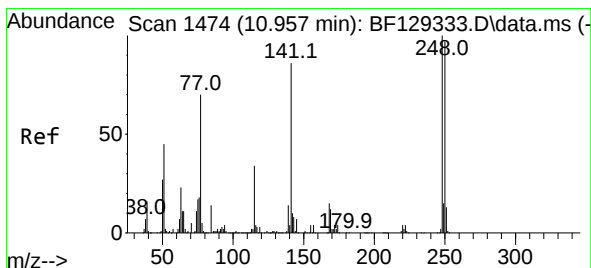
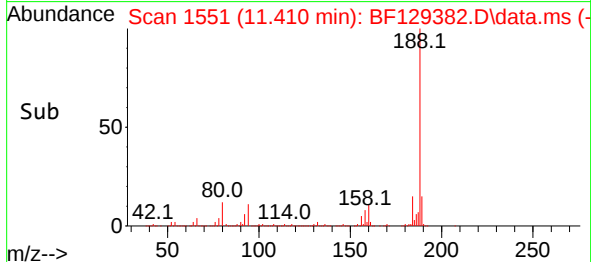
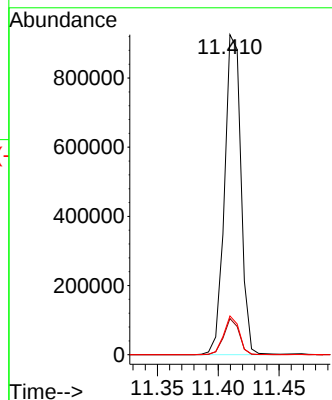
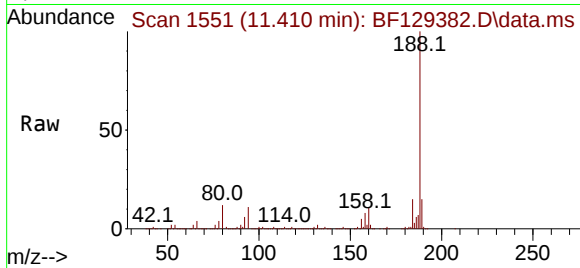




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129382.D
Acq: 27 Jul 2022 18:17

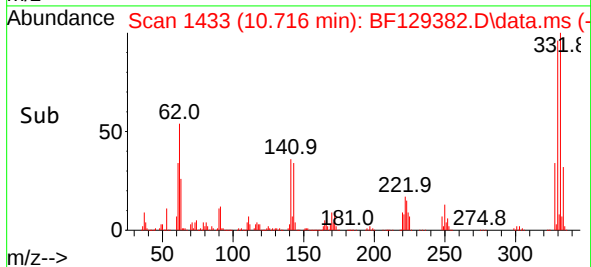
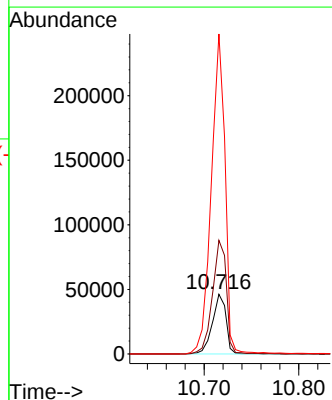
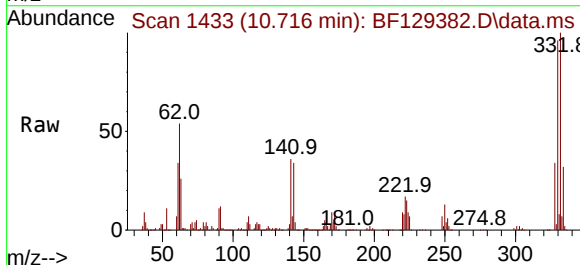
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BNA_F
ClientSampleId :
FB-072122

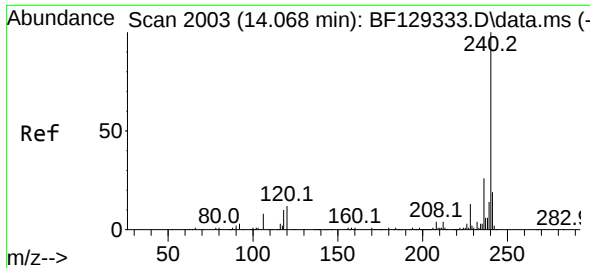
Tgt Ion:188 Resp: 867163
Ion Ratio Lower Upper
188 100
94 11.3 7.0 10.6#
80 12.1 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 4.850 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF129382.D
Acq: 27 Jul 2022 18:17

Tgt Ion:248 Resp: 46051
Ion Ratio Lower Upper
248 100
250 190.4 80.6 120.8#
141 536.4 58.9 88.3#

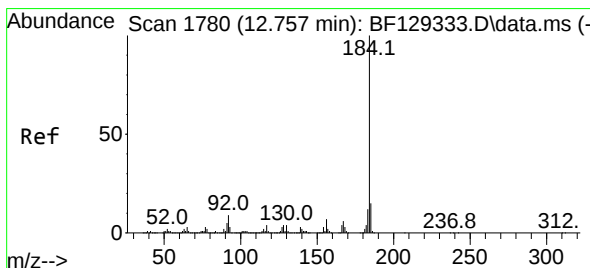
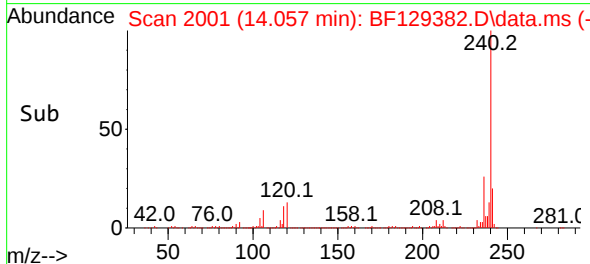
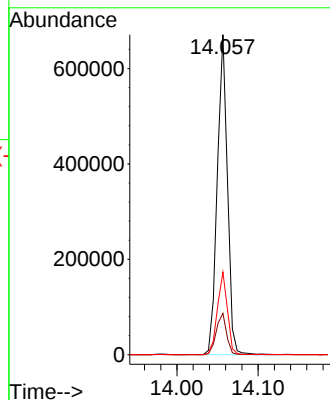
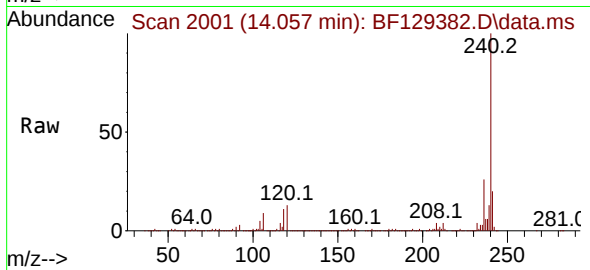




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129382.D
Acq: 27 Jul 2022 18:17

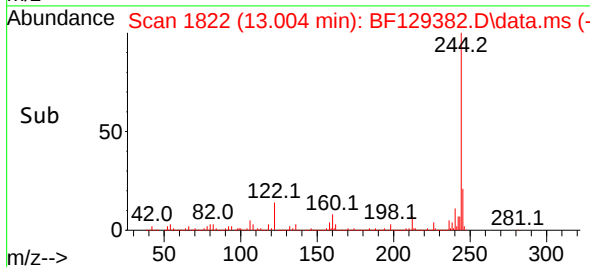
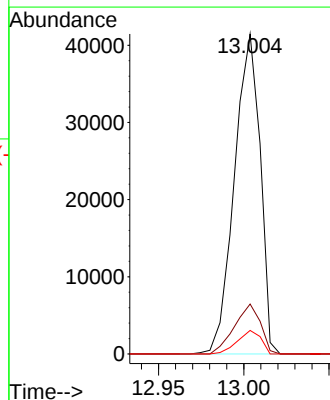
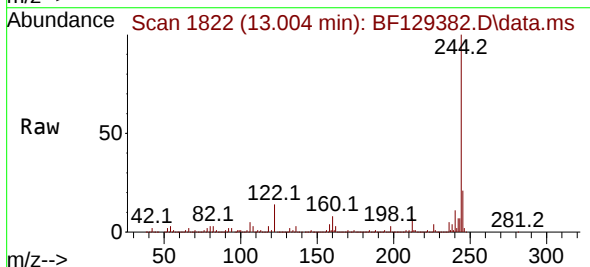
Instrument :
BNA_F
ClientSampleId :
FB-072122

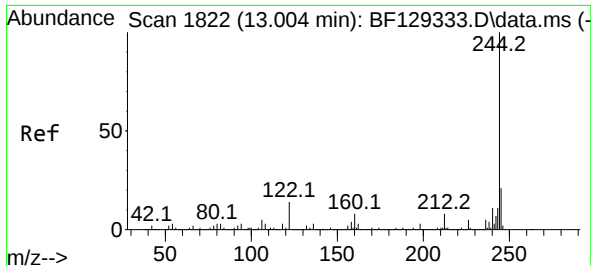
Tgt Ion:240 Resp: 582937
Ion Ratio Lower Upper
240 100
120 12.9 8.9 13.3
236 25.8 20.8 31.2



#77
Benzidine
Concen: 2.110 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.247 min
Lab File: BF129382.D
Acq: 27 Jul 2022 18:17

Tgt Ion:184 Resp: 43444
Ion Ratio Lower Upper
184 100
185 15.6 11.9 17.9
183 7.4 9.3 13.9#

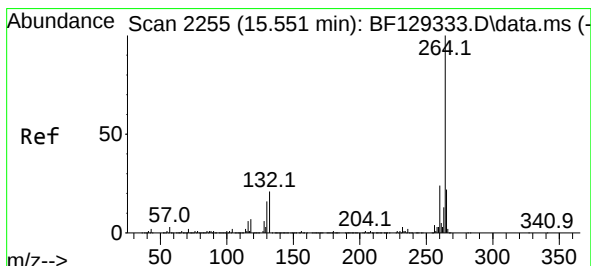
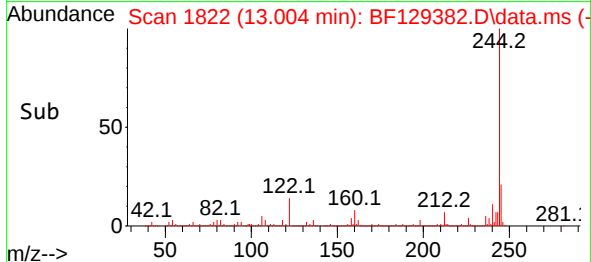
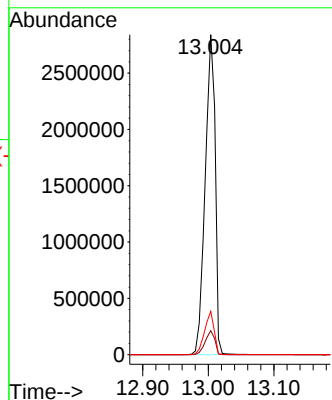
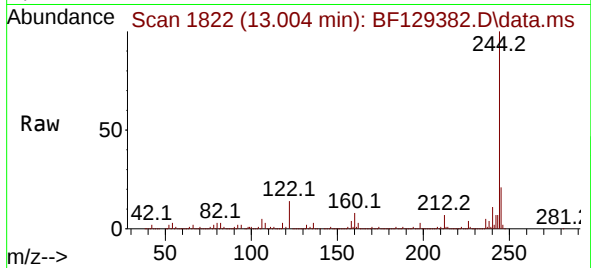




#79
 Terphenyl-d14
 Concen: 97.944 ng
 RT: 13.004 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF129382.D
 Acq: 27 Jul 2022 18:17

Instrument :
 BNA_F
 ClientSampleId :
 FB-072122

Tgt Ion:244 Resp: 3026396
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 13.6 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2254
 Delta R.T. -0.006 min
 Lab File: BF129382.D
 Acq: 27 Jul 2022 18:17

Tgt Ion:264 Resp: 443040
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.4 27.6
 265 21.4 17.2 25.8

