

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
 Data File : BF129454.D
 Acq On : 29 Jul 2022 21:52
 Operator : CG\JU
 Sample : N3920-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB-07-27-2022

Quant Time: Jul 30 01:11:34 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)

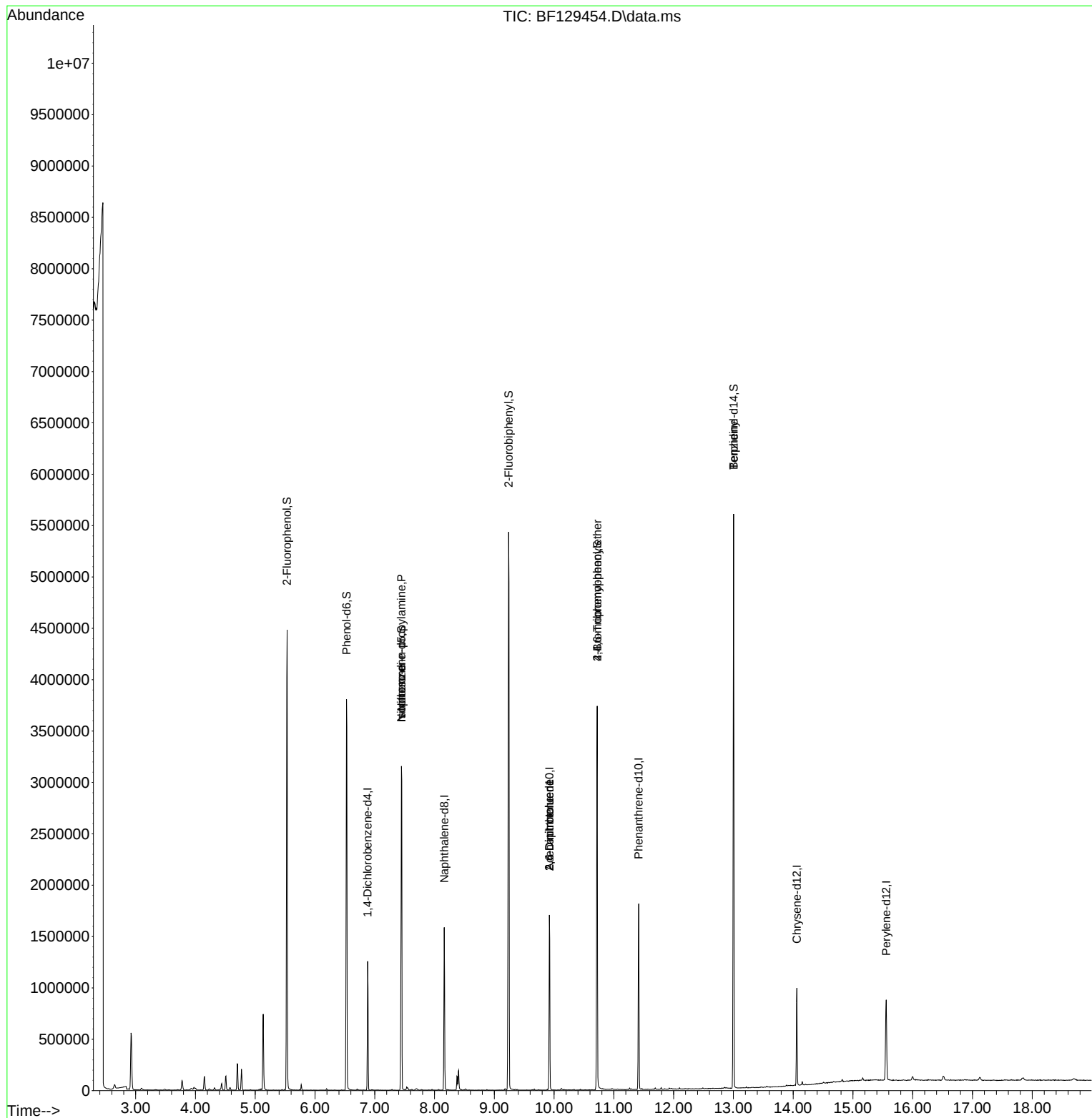
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	172675	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	692741	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	366088	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	602260	20.000	ng	0.00
76) Chrysene-d12	14.063	240	321837	20.000	ng	0.00
86) Perylene-d12	15.557	264	343614	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1244286	117.385	ng	0.04
7) Phenol-d6	6.528	99	1391929	104.471	ng	0.01
23) Nitrobenzene-d5	7.445	82	1110064	87.474	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	442043	125.592	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1952000	82.484	ng	0.00
79) Terphenyl-d14	13.004	244	1829338	107.234	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	148120	18.363	ng	# 73
25) Isophorone	7.445	82	1110053	48.799	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	47531	8.403	ng	# 26
57) 2,4-Dinitrotoluene	9.922	165	47531	6.432	ng	# 22
67) 4-Bromophenyl-phenylether	10.722	248	28106	4.262	ng	# 1
77) Benzidine	13.004	184	25344	2.229	ng	# 93

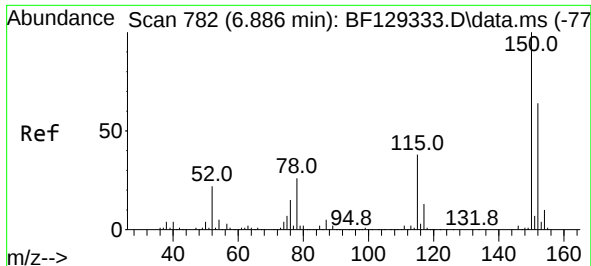
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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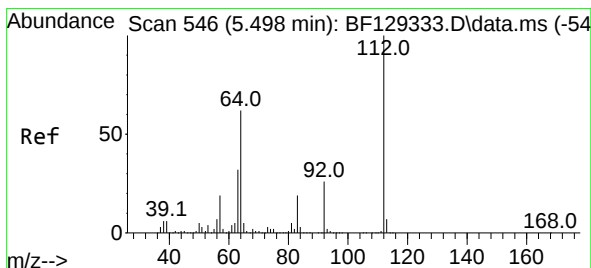
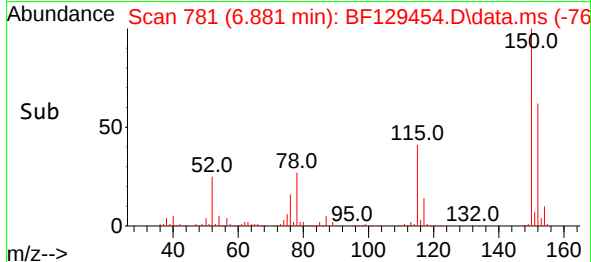
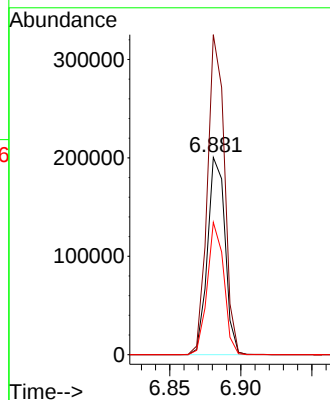
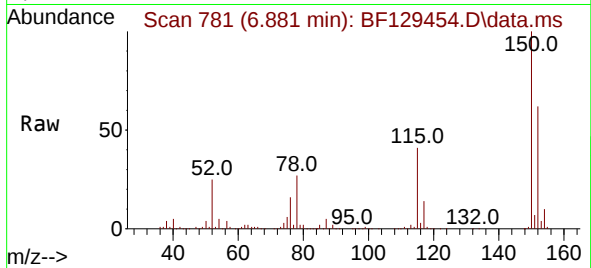




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129454.D
 Acq: 29 Jul 2022 21:52

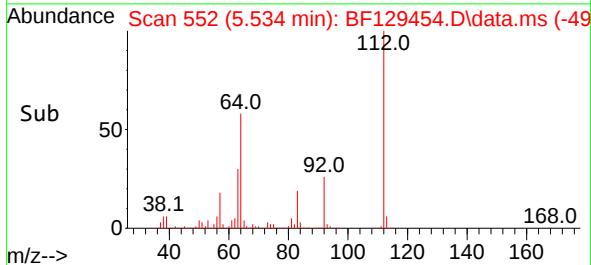
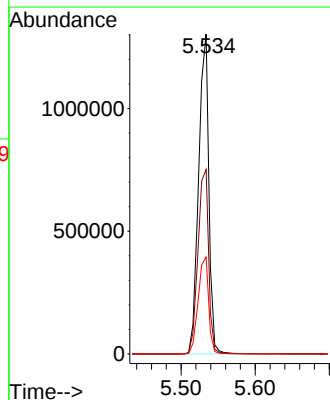
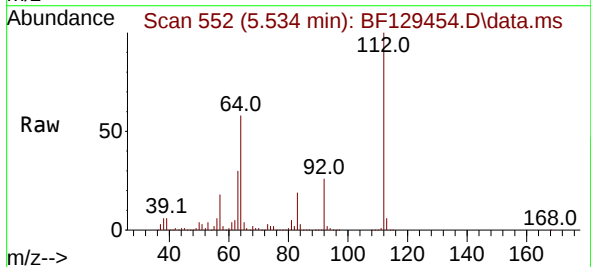
Instrument :
 BNA_F
 ClientSampleId :
 PB-07-27-2022

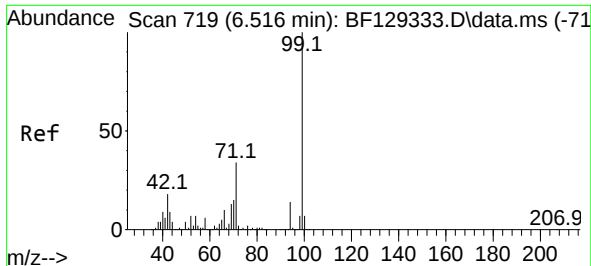
Tgt Ion:152 Resp: 172675
 Ion Ratio Lower Upper
 152 100
 150 162.2 123.7 185.5
 115 67.1 49.9 74.9



#5
 2-Fluorophenol
 Concen: 117.385 ng
 RT: 5.534 min Scan# 552
 Delta R.T. 0.035 min
 Lab File: BF129454.D
 Acq: 29 Jul 2022 21:52

Tgt Ion:112 Resp: 1244286
 Ion Ratio Lower Upper
 112 100
 64 57.6 53.3 79.9
 63 30.3 28.0 42.0

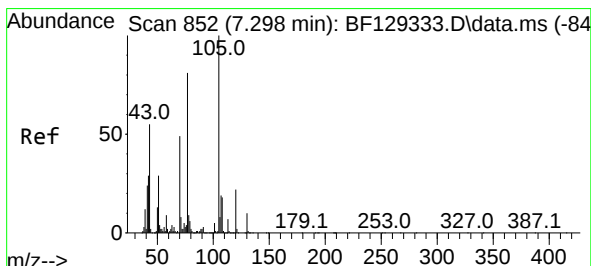
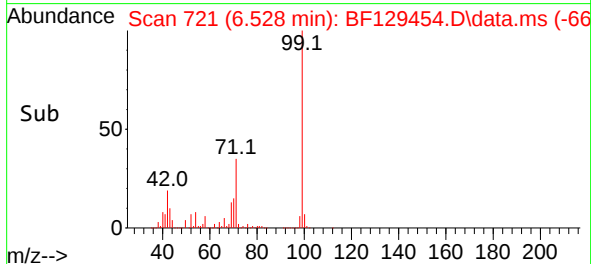
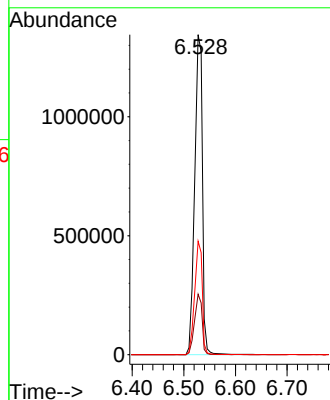
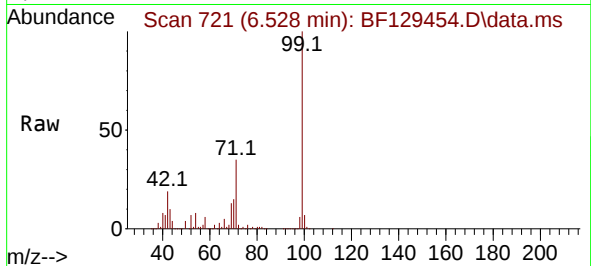




#7
Phenol-d6
Concen: 104.471 ng
RT: 6.528 min Scan# 719
Delta R.T. 0.012 min
Lab File: BF129454.D
Acq: 29 Jul 2022 21:52

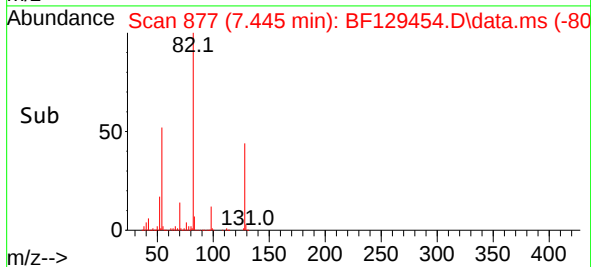
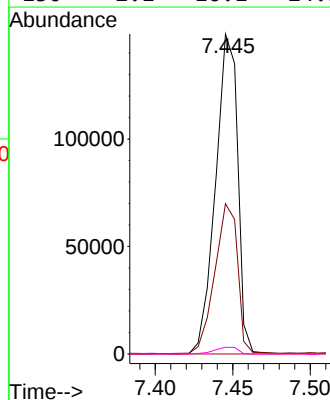
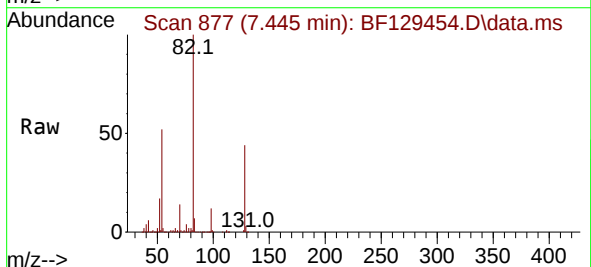
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022

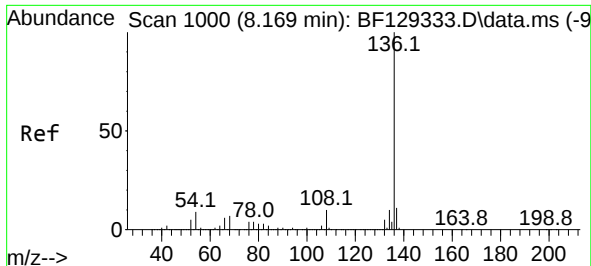
Tgt Ion: 99 Resp: 1391929
Ion Ratio Lower Upper
99 100
42 18.9 17.3 25.9
71 35.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.363 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.147 min
Lab File: BF129454.D
Acq: 29 Jul 2022 21:52

Tgt Ion: 70 Resp: 148120
Ion Ratio Lower Upper
70 100
42 47.0 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#

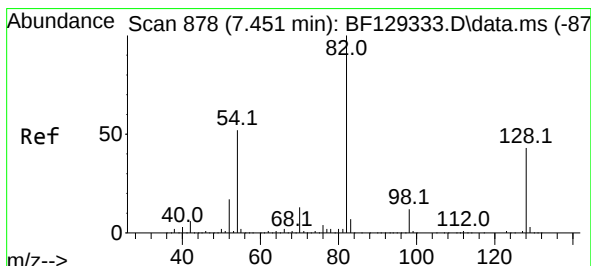
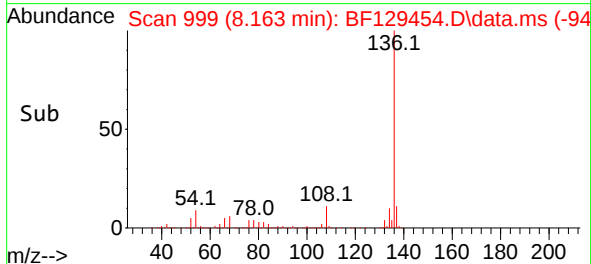
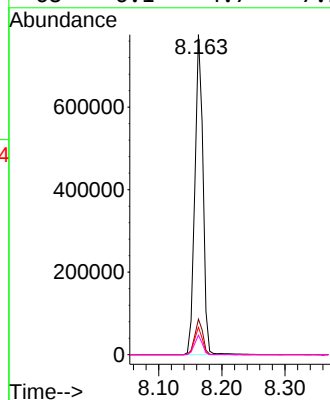
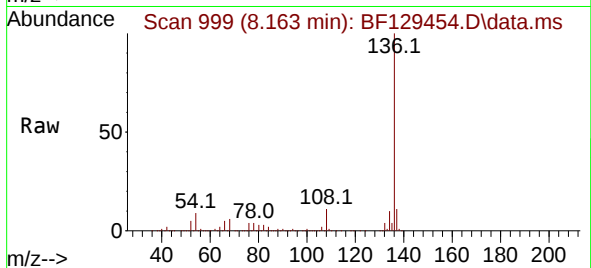




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129454.D
Acq: 29 Jul 2022 21:52

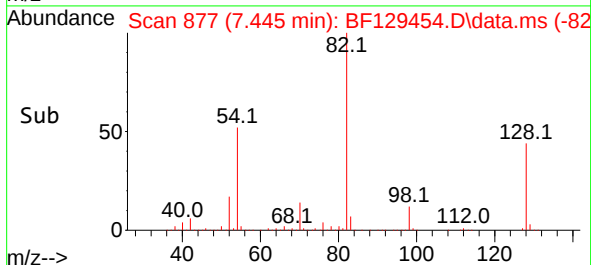
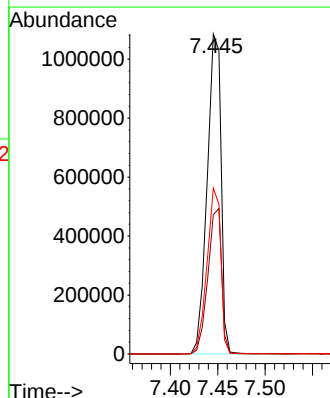
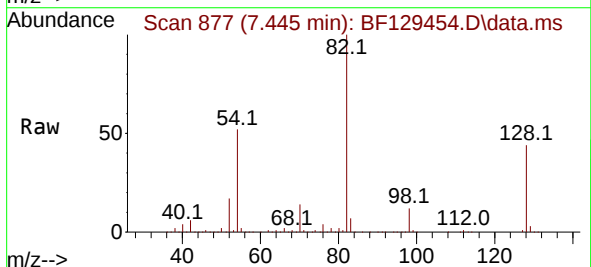
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022

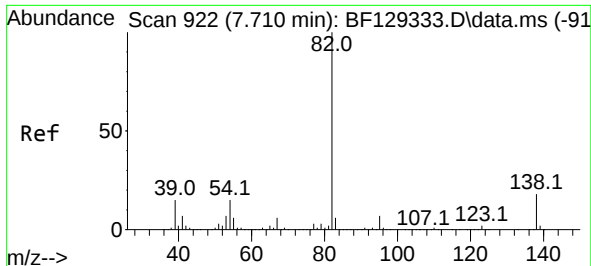
Tgt Ion:136 Resp: 692741
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.5 7.5 11.3
68 6.1 4.7 7.1



#23
Nitrobenzene-d5
Concen: 87.474 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF129454.D
Acq: 29 Jul 2022 21:52

Tgt Ion: 82 Resp: 1110064
Ion Ratio Lower Upper
82 100
128 43.6 34.0 51.0
54 51.8 46.9 70.3

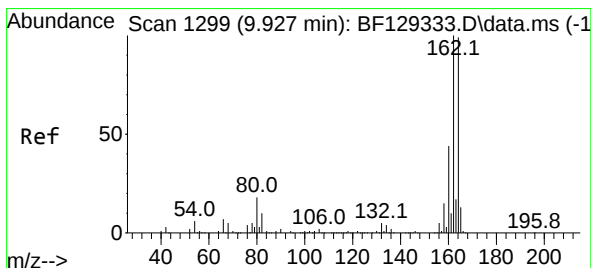
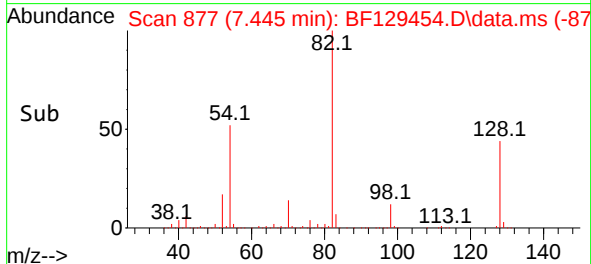
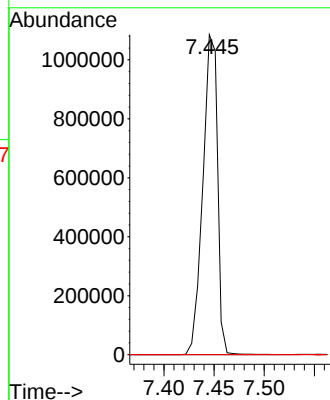
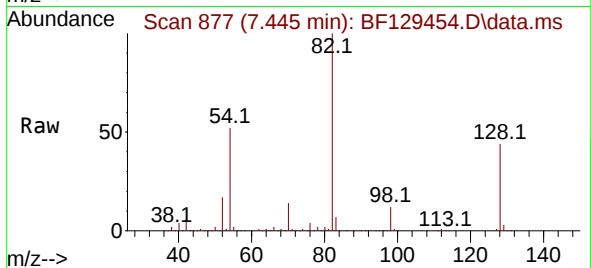




#25
Isophorone
Concen: 48.799 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129454.D
Acq: 29 Jul 2022 21:52

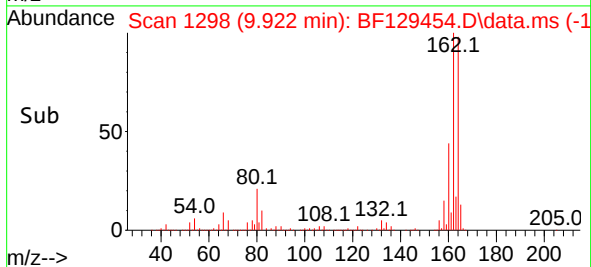
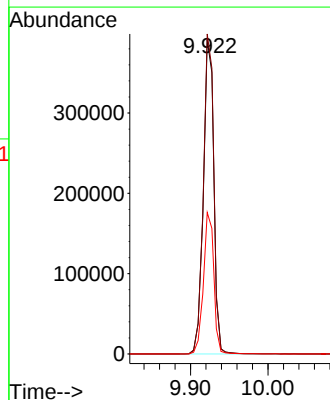
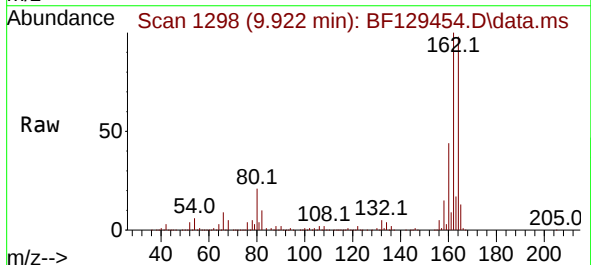
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ClientSampleId :
PB-07-27-2022

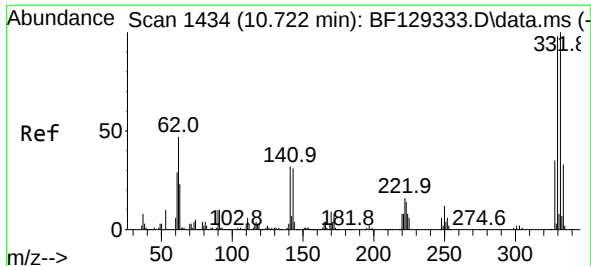
Tgt Ion: 82 Resp: 1110053
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129454.D
Acq: 29 Jul 2022 21:52

Tgt Ion: 164 Resp: 366088
Ion Ratio Lower Upper
164 100
162 101.9 79.5 119.3
160 45.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 125.592 ng

RT: 10.722 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF129454.D

Acq: 29 Jul 2022 21:52

Instrument :

BNA_F

ClientSampleId :

PB-07-27-2022

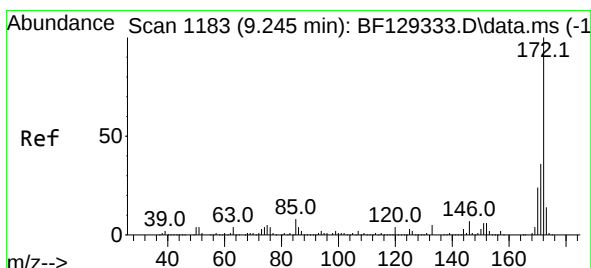
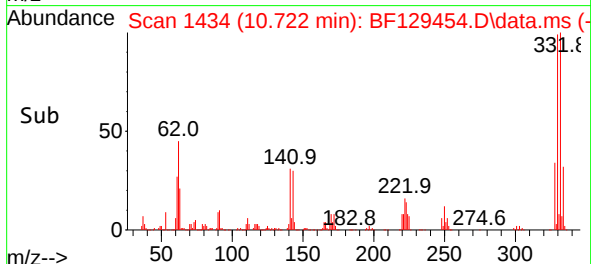
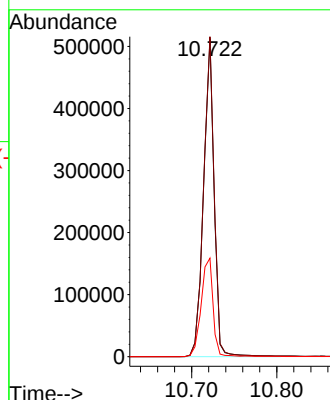
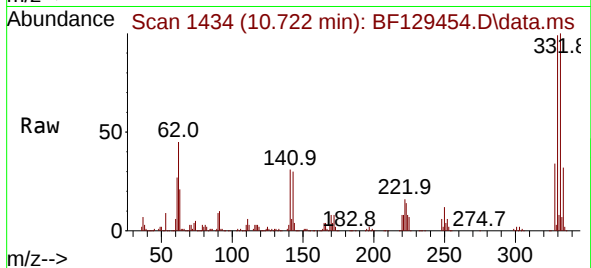
Tgt Ion:330 Resp: 442043

Ion Ratio Lower Upper

330 100

332 101.6 76.8 115.2

141 35.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 82.484 ng

RT: 9.239 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF129454.D

Acq: 29 Jul 2022 21:52

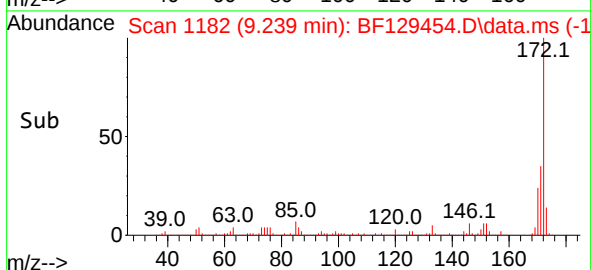
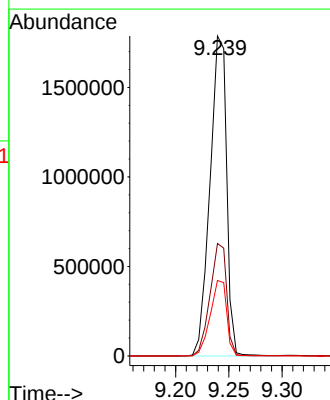
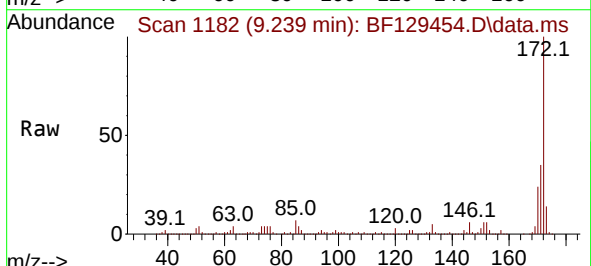
Tgt Ion:172 Resp: 1952000

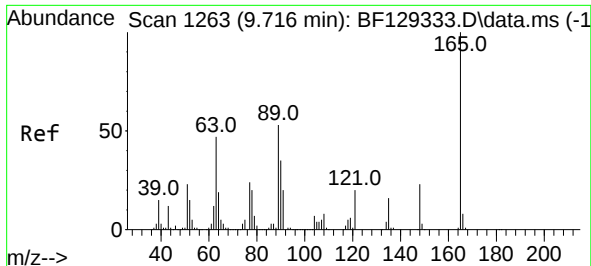
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.6 19.8 29.8

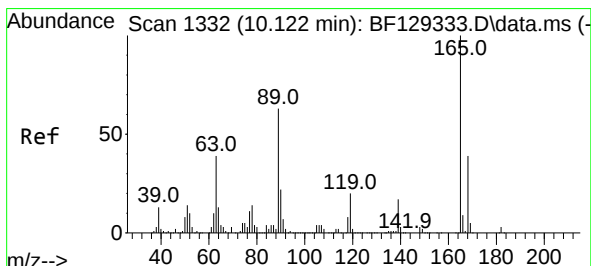
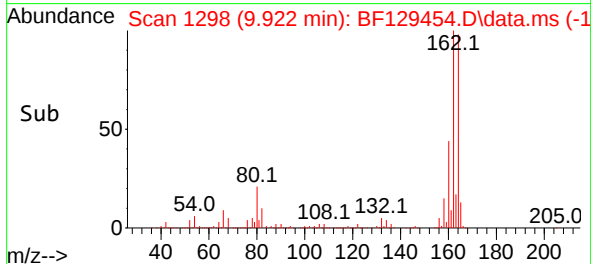
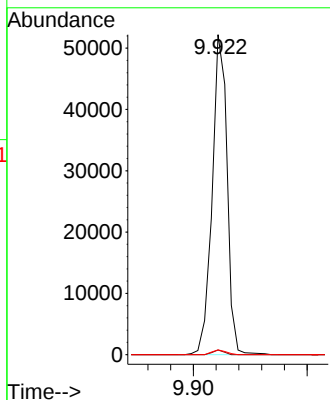
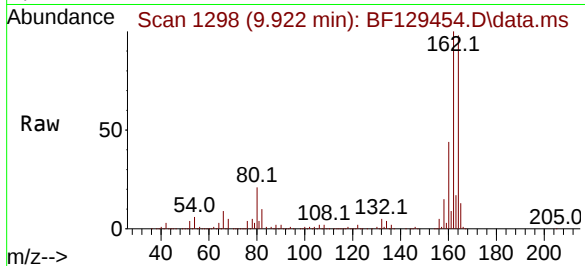




#51
2,6-Dinitrotoluene
Concen: 8.403 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.206 min
Lab File: BF129454.D
Acq: 29 Jul 2022 21:52

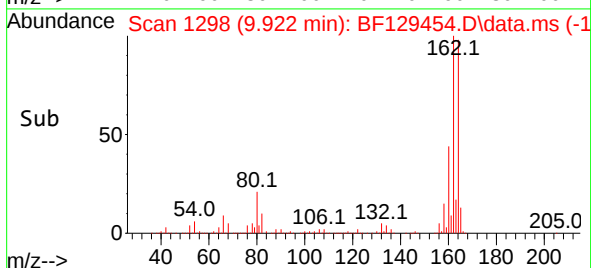
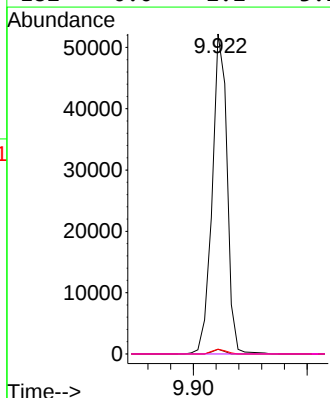
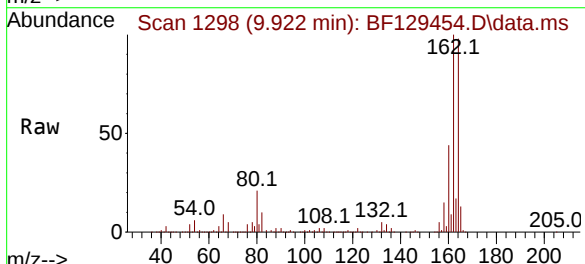
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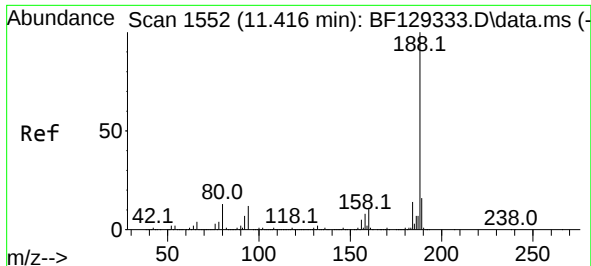
Tgt Ion:165 Resp: 47531
Ion Ratio Lower Upper
165 100
63 1.4 44.9 67.3#
89 1.5 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.432 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.200 min
Lab File: BF129454.D
Acq: 29 Jul 2022 21:52

Tgt Ion:165 Resp: 47531
Ion Ratio Lower Upper
165 100
63 1.4 39.8 59.6#
89 1.5 60.2 90.2#
182 0.0 2.2 3.2#

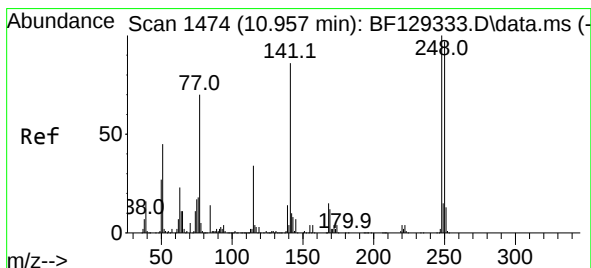
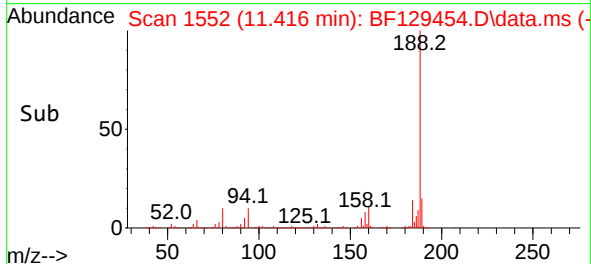
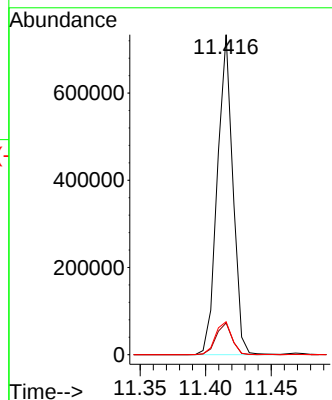
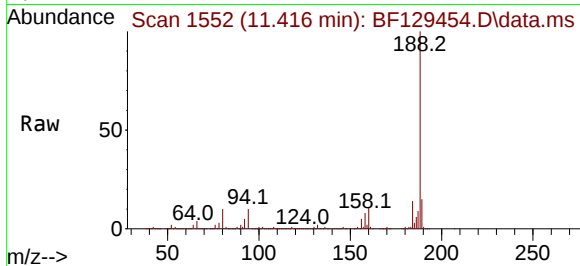




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129454.D
Acq: 29 Jul 2022 21:52

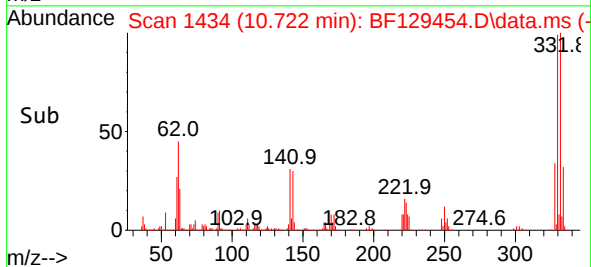
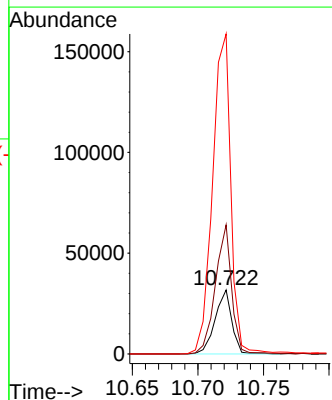
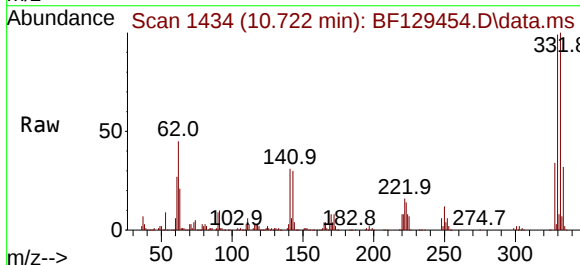
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022

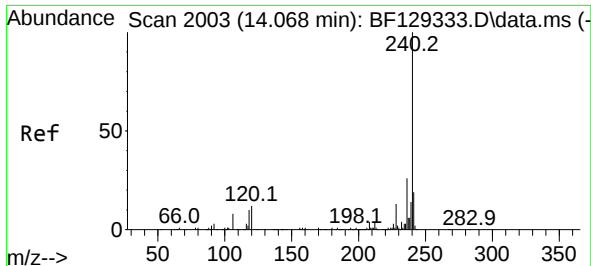
Tgt Ion:188 Resp: 602260
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.3 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.262 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.235 min
Lab File: BF129454.D
Acq: 29 Jul 2022 21:52

Tgt Ion:248 Resp: 28106
Ion Ratio Lower Upper
248 100
250 201.5 80.6 120.8#
141 499.6 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF129454.D

Acq: 29 Jul 2022 21:52

Instrument :

BNA_F

ClientSampleId :

PB-07-27-2022

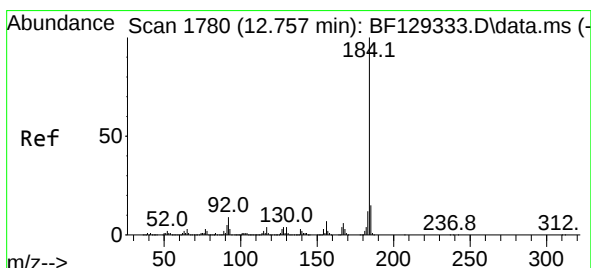
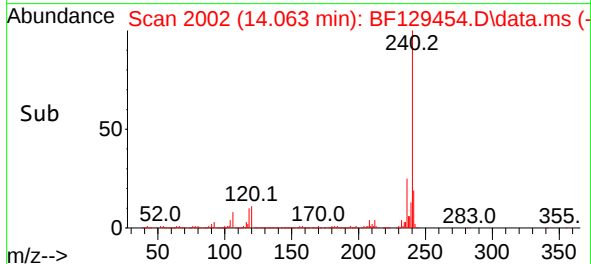
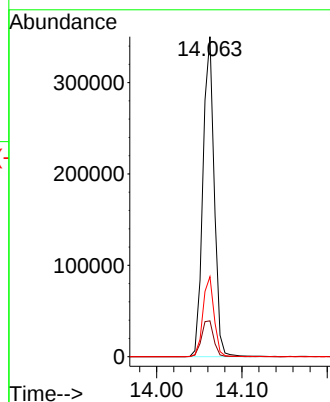
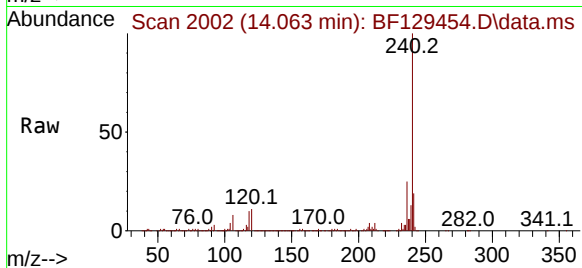
Tgt Ion:240 Resp: 321837

Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

236 25.0 20.8 31.2



#77

Benzidine

Concen: 2.229 ng

RT: 13.004 min Scan# 1822

Delta R.T. 0.247 min

Lab File: BF129454.D

Acq: 29 Jul 2022 21:52

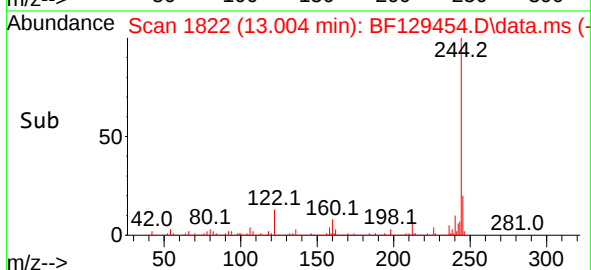
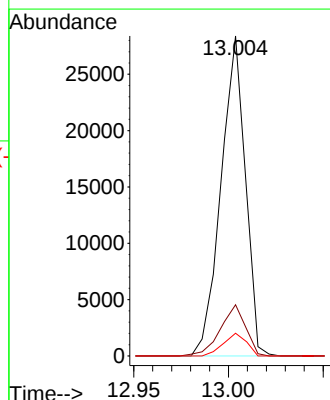
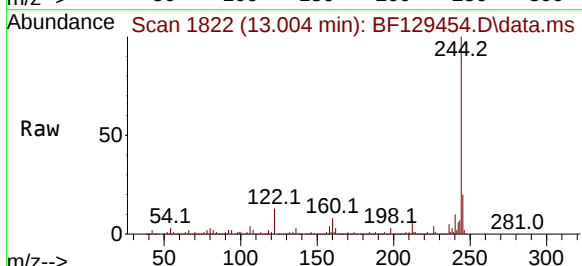
Tgt Ion:184 Resp: 25344

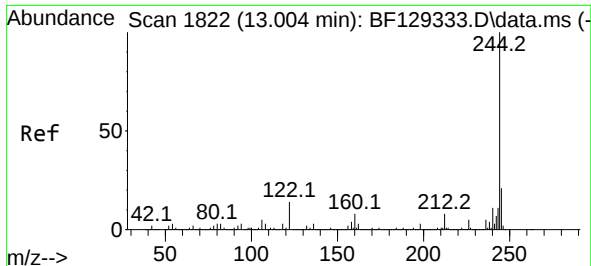
Ion Ratio Lower Upper

184 100

185 16.0 11.9 17.9

183 7.1 9.3 13.9#

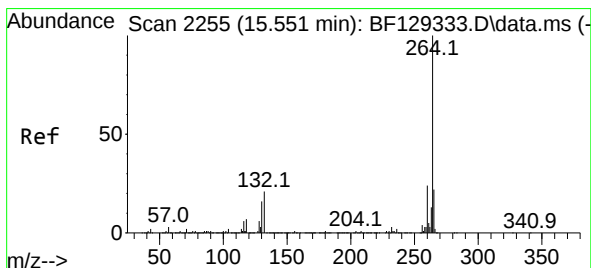
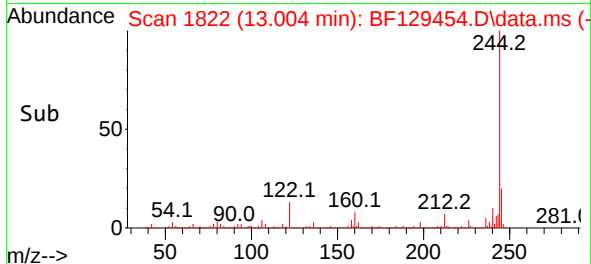
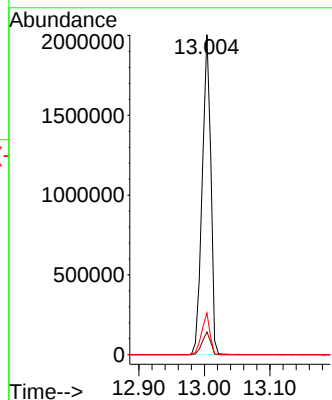
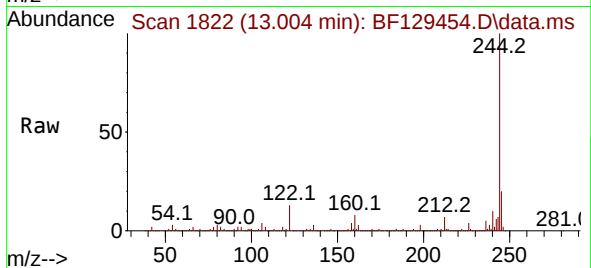




#79
 Terphenyl-d14
 Concen: 107.234 ng
 RT: 13.004 min Scan# 1822
 Delta R.T. 0.000 min
 Lab File: BF129454.D
 Acq: 29 Jul 2022 21:52

Instrument :
 BNA_F
 ClientSampleId :
 PB-07-27-2022

Tgt Ion:244 Resp: 1829338
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 13.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2256
 Delta R.T. 0.006 min
 Lab File: BF129454.D
 Acq: 29 Jul 2022 21:52

Tgt Ion:264 Resp: 343614
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.4 27.6
 265 21.7 17.2 25.8

