

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062622\
 Data File : BF129011.D
 Acq On : 26 Jun 2022 18:27
 Operator : CG\JU
 Sample : PB145785BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145785BL

Quant Time: Jun 27 06:30:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 05:55:00 2022
 Response via : Initial Calibration

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

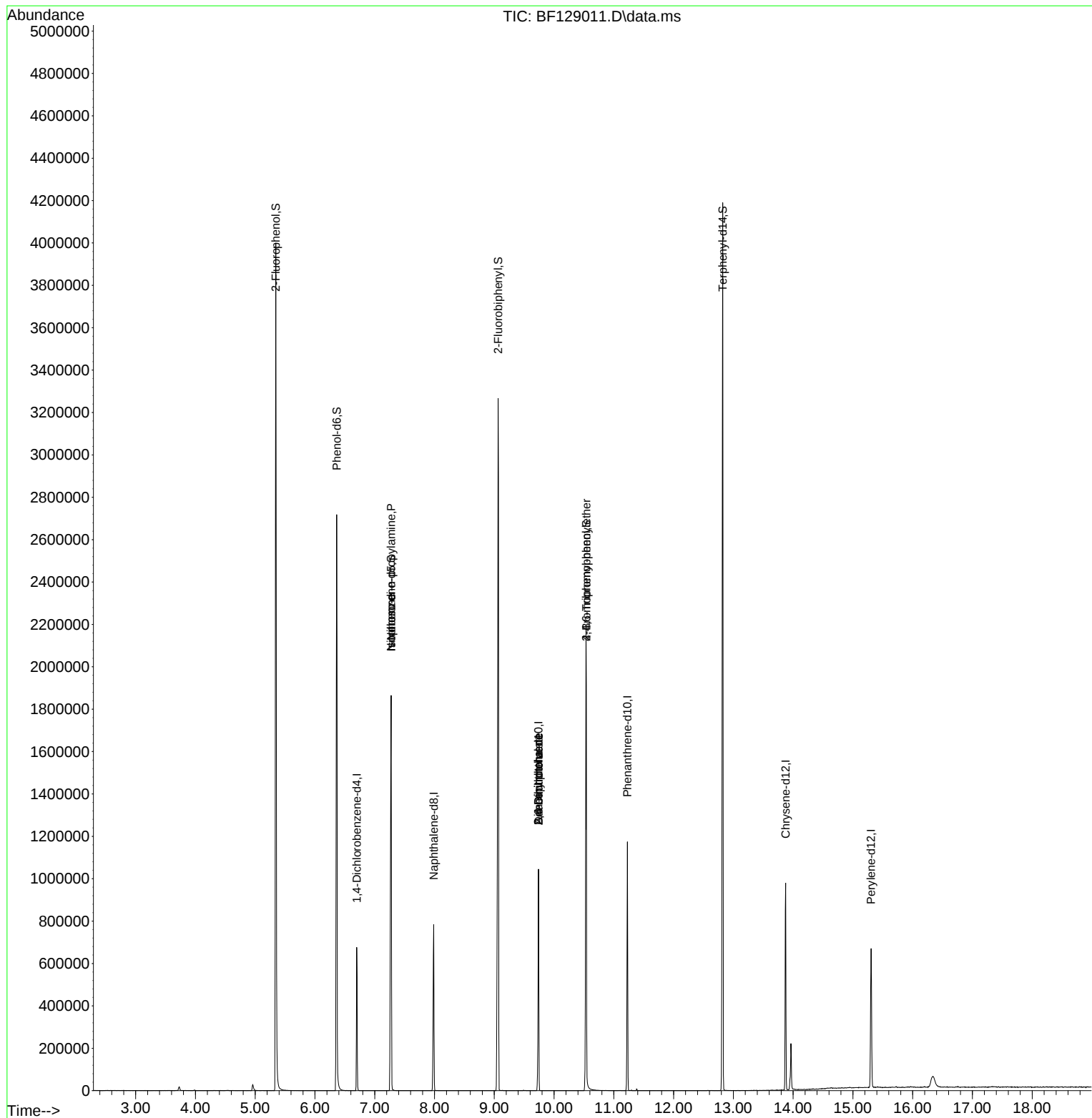
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	93743	20.000	ng	0.00
21) Naphthalene-d8	7.987	136	363066	20.000	ng	0.00
39) Acenaphthene-d10	9.739	164	206463	20.000	ng	0.00
64) Phenanthrene-d10	11.228	188	404984	20.000	ng	0.00
76) Chrysene-d12	13.874	240	342190	20.000	ng	# 0.00
86) Perylene-d12	15.304	264	283207	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	979007	162.131	ng	0.01
7) Phenol-d6	6.363	99	941375	133.366	ng	0.00
23) Nitrobenzene-d5	7.275	82	660855	87.629	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	288255	134.478	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	1263184	88.650	ng	0.00
79) Terphenyl-d14	12.822	244	1538337	83.335	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.275	70	92702	21.279	ng	# 76
25) Isophorone	7.275	82	660208	57.763	ng	# 65
50) Dimethylphthalate	9.739	163	37417	2.728	ng	# 1
51) 2,6-Dinitrotoluene	9.739	165	27221	9.474	ng	# 26
57) 2,4-Dinitrotoluene	9.739	165	27221	7.207	ng	# 22
67) 4-Bromophenyl-phenylether	10.539	248	18860	4.244	ng	# 1
77) Benzidine	12.575	184	990	Below Cal		# 77

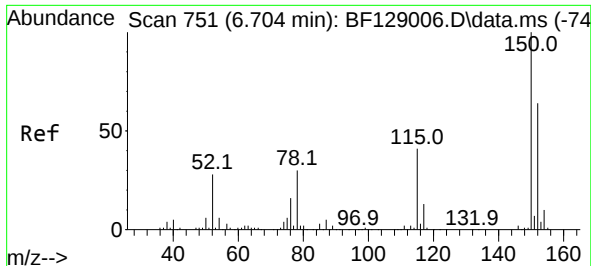
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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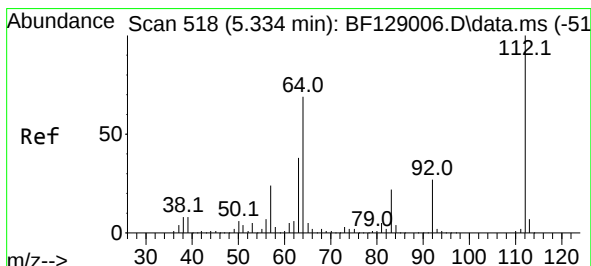
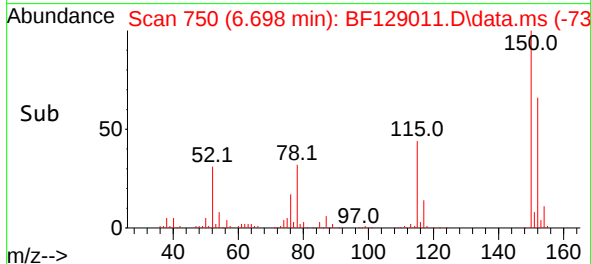
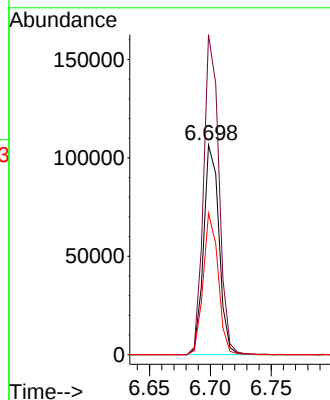
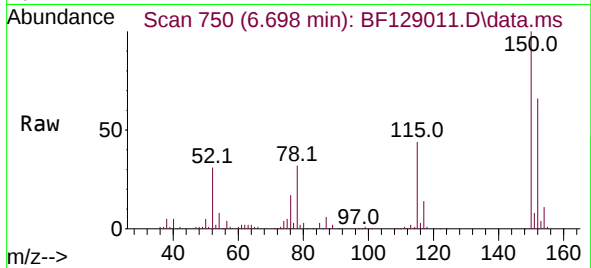




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.698 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129011.D
Acq: 26 Jun 2022 18:27

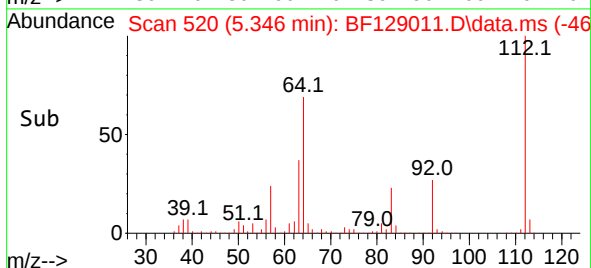
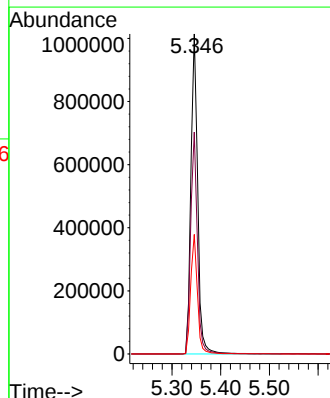
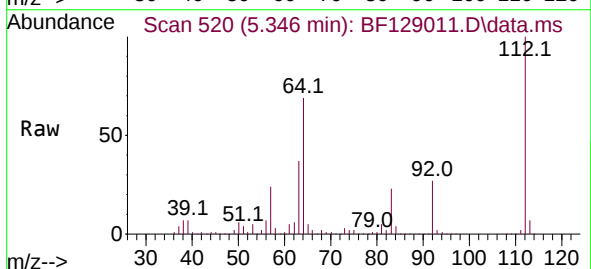
Instrument :
BNA_F
ClientSampleId :
PB145785BL

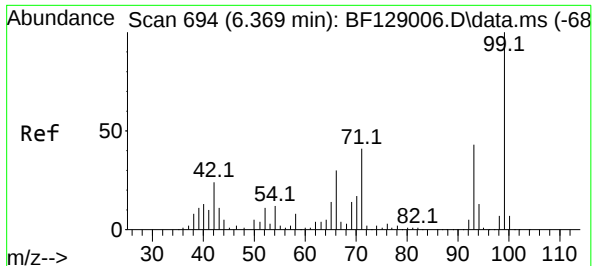
Tgt Ion:152 Resp: 93743
Ion Ratio Lower Upper
152 100
150 152.5 123.7 185.5
115 67.4 49.9 74.9



#5
2-Fluorophenol
Concen: 162.131 ng
RT: 5.346 min Scan# 520
Delta R.T. 0.012 min
Lab File: BF129011.D
Acq: 26 Jun 2022 18:27

Tgt Ion:112 Resp: 979007
Ion Ratio Lower Upper
112 100
64 69.4 53.3 79.9
63 37.4 28.0 42.0

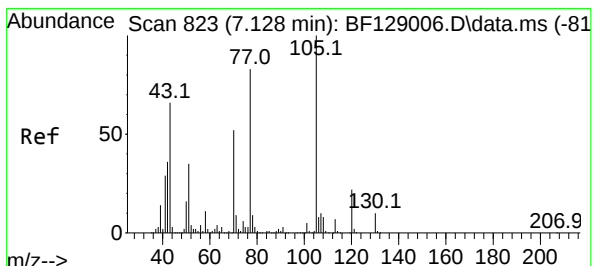
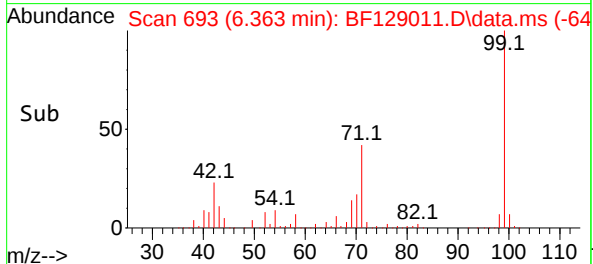
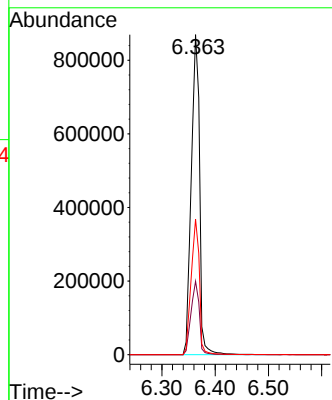
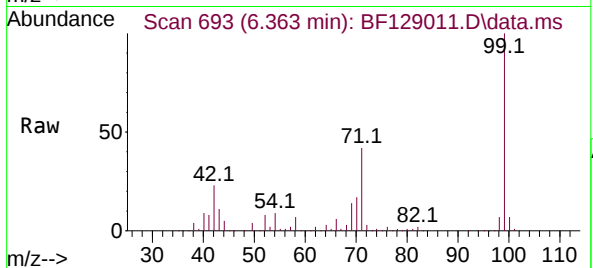




#7
Phenol-d6
Concen: 133.366 ng
RT: 6.363 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF129011.D
Acq: 26 Jun 2022 18:27

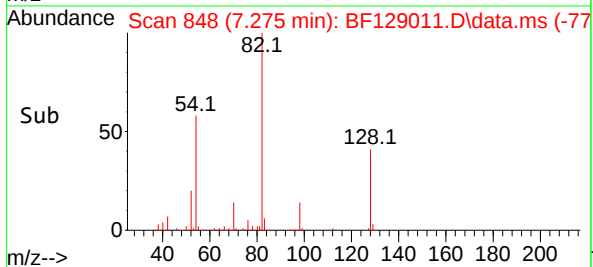
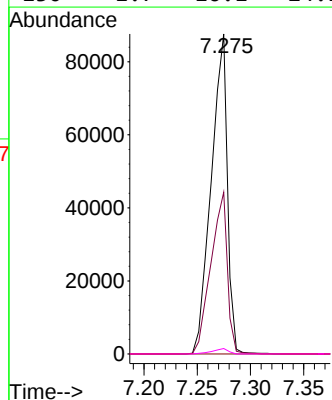
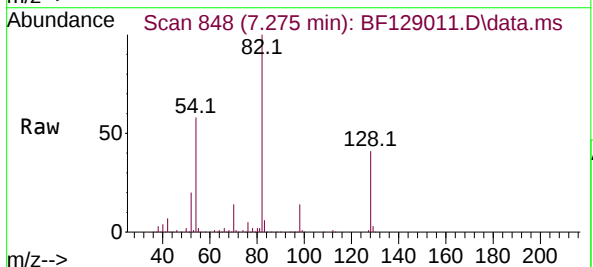
Instrument :
BNA_F
ClientSampleId :
PB145785BL

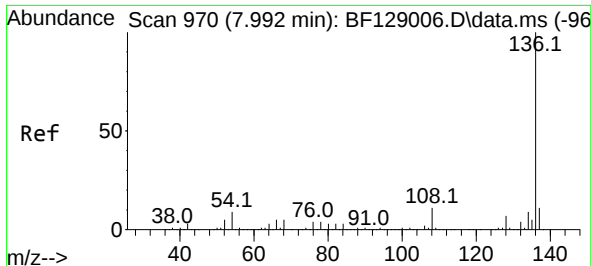
Tgt Ion: 99 Resp: 941375
Ion Ratio Lower Upper
99 100
42 23.0 17.3 25.9
71 42.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.279 ng
RT: 7.275 min Scan# 848
Delta R.T. 0.147 min
Lab File: BF129011.D
Acq: 26 Jun 2022 18:27

Tgt Ion: 70 Resp: 92702
Ion Ratio Lower Upper
70 100
42 50.6 52.3 78.5#
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#

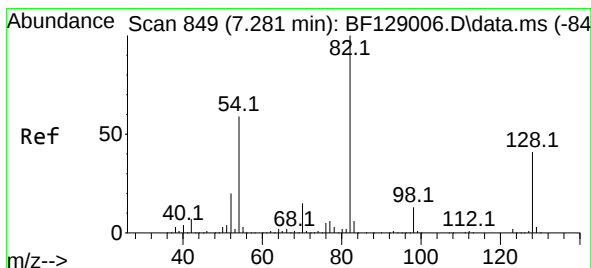
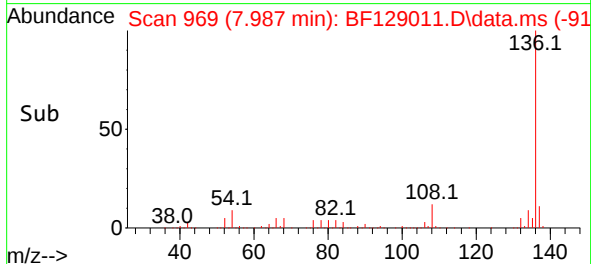
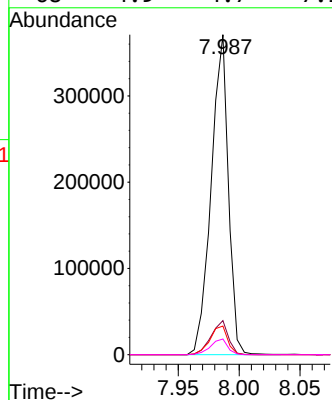
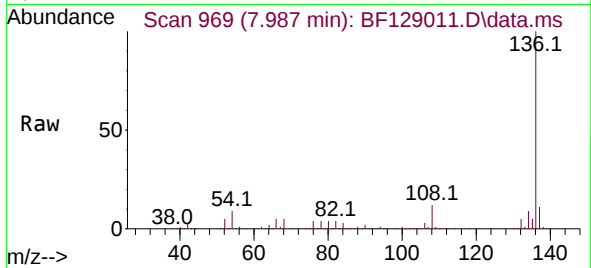




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.987 min Scan# 91
Delta R.T. -0.005 min
Lab File: BF129011.D
Acq: 26 Jun 2022 18:27

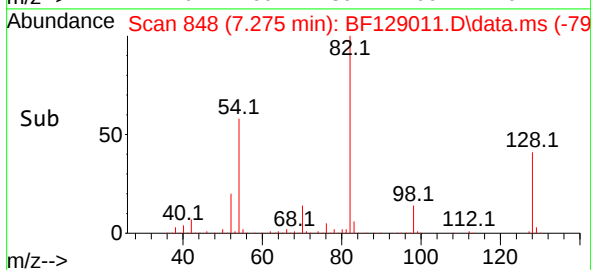
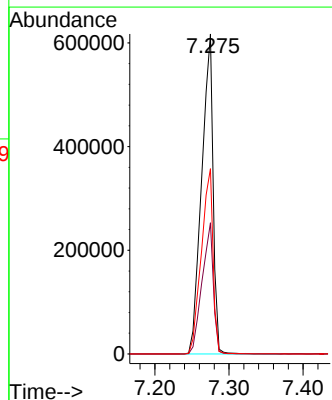
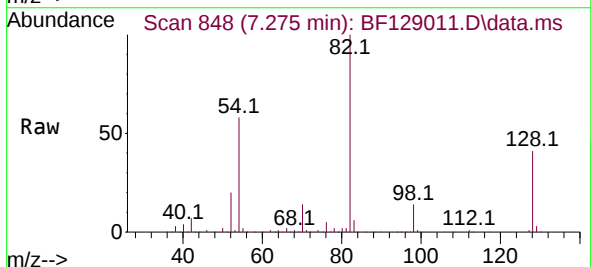
Instrument :
BNA_F
ClientSampleId :
PB145785BL

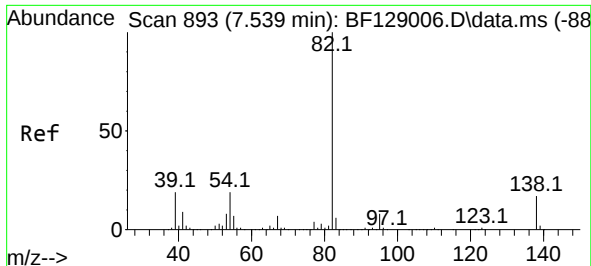
Tgt Ion:136 Resp: 363066
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.0 7.5 11.3
68 4.9 4.7 7.1



#23
Nitrobenzene-d5
Concen: 87.629 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF129011.D
Acq: 26 Jun 2022 18:27

Tgt Ion: 82 Resp: 660855
Ion Ratio Lower Upper
82 100
128 41.0 34.0 51.0
54 57.9 46.9 70.3

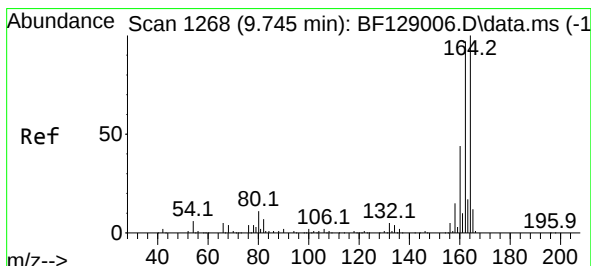
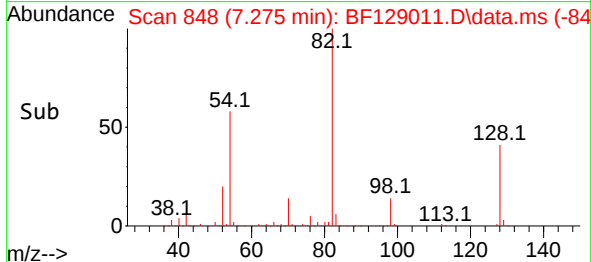
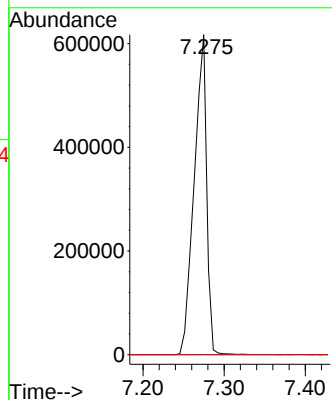
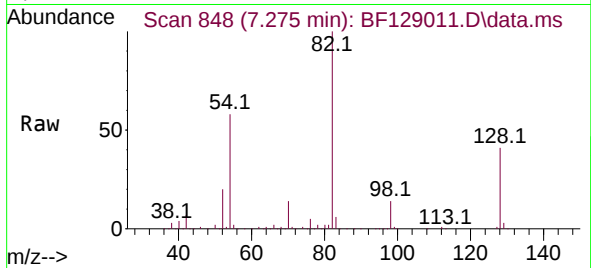




#25
Isophorone
Concen: 57.763 ng
RT: 7.275 min Scan# 84
Delta R.T. -0.264 min
Lab File: BF129011.D
Acq: 26 Jun 2022 18:27

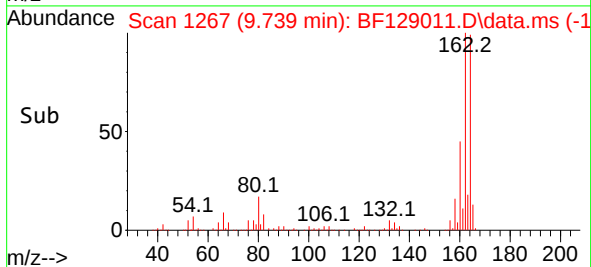
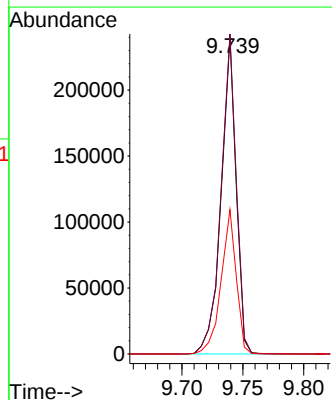
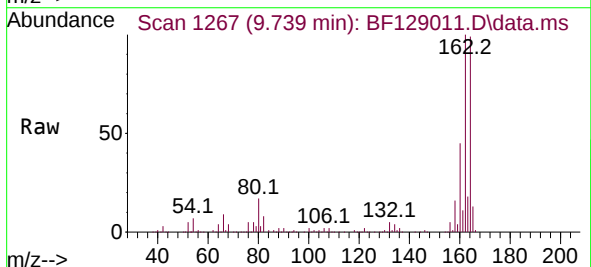
Instrument :
BNA_F
ClientSampleId :
PB145785BL

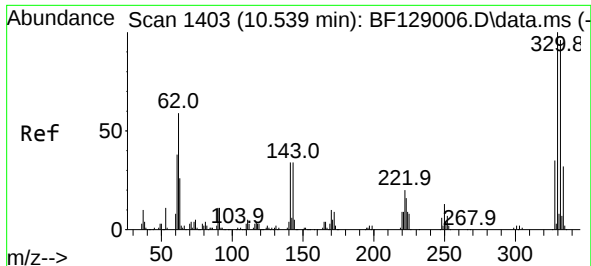
Tgt Ion: 82 Resp: 660208
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.739 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BF129011.D
Acq: 26 Jun 2022 18:27

Tgt Ion:164 Resp: 206463
Ion Ratio Lower Upper
164 100
162 100.9 79.5 119.3
160 45.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 134.478 ng

RT: 10.539 min Scan# 1403

Delta R.T. 0.000 min

Lab File: BF129011.D

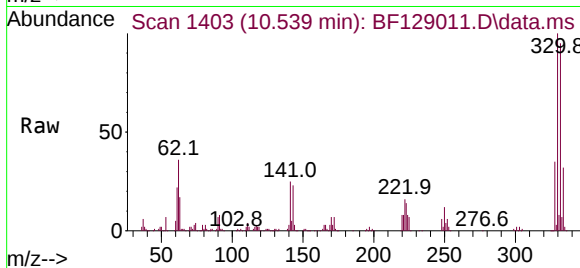
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Instrument :

BNA_F

ClientSampleId :

PB145785BL



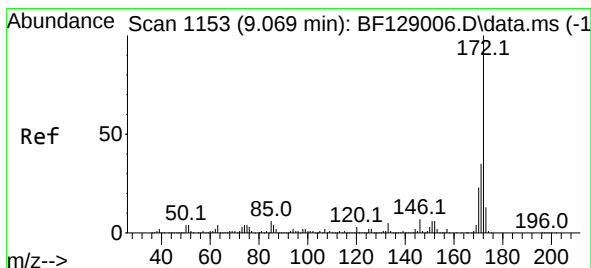
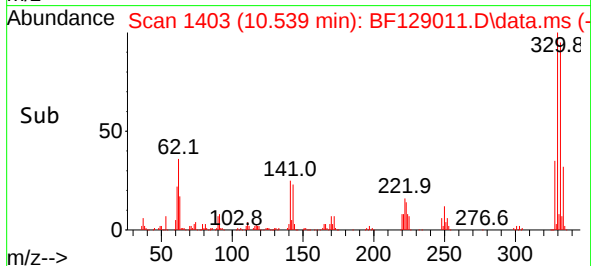
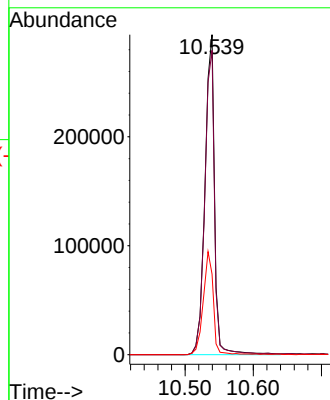
Tgt Ion:330 Resp: 288255

Ion Ratio Lower Upper

330 100

332 96.2 76.8 115.2

141 33.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 88.650 ng

RT: 9.063 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF129011.D

Acq: 26 Jun 2022 18:27

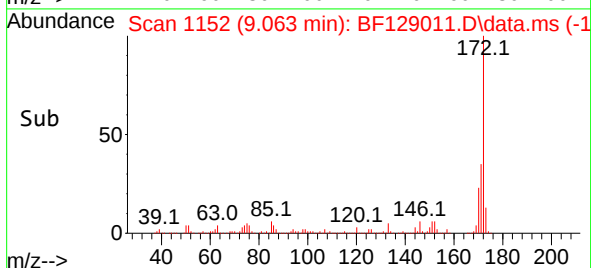
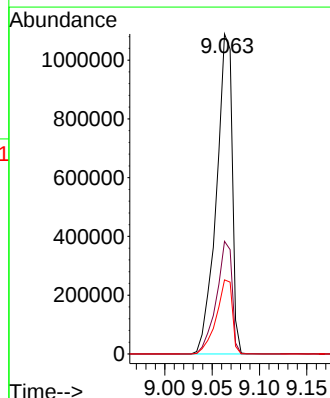
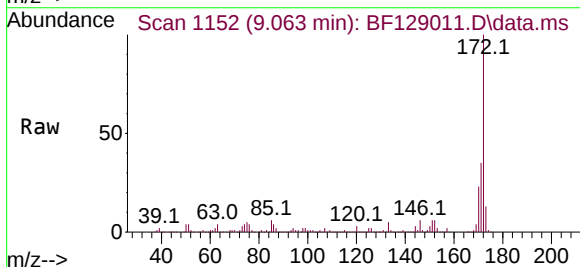
Tgt Ion:172 Resp: 1263184

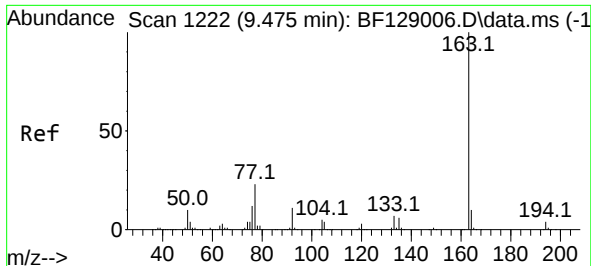
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.2 19.8 29.8

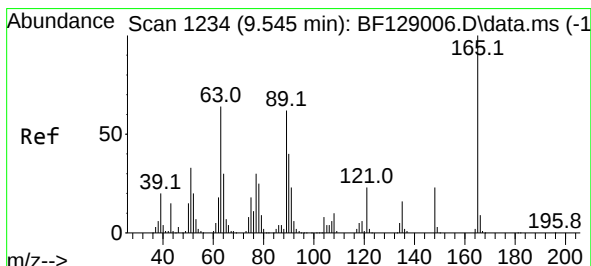
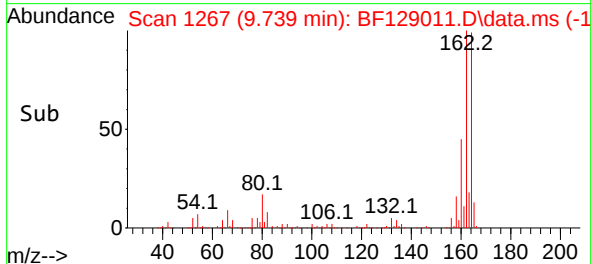
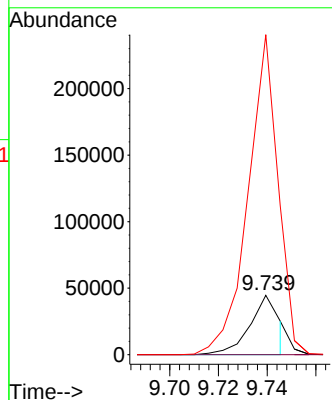
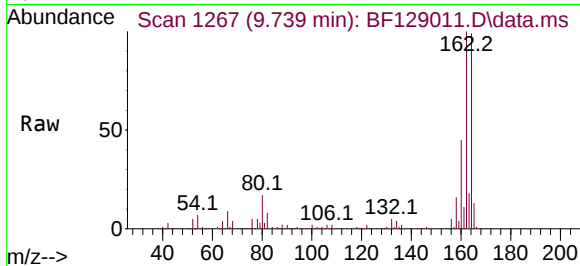




#50
Dimethylphthalate
Concen: 2.728 ng
RT: 9.739 min Scan# 1267
Delta R.T. 0.265 min
Lab File: BF129011.D
Acq: 26 Jun 2022 18:27

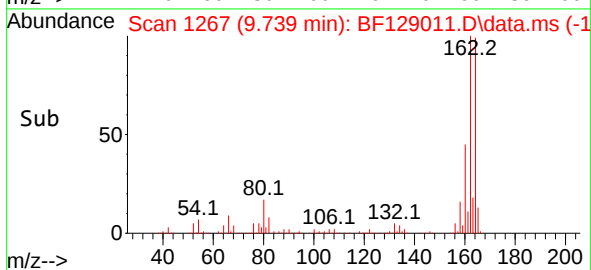
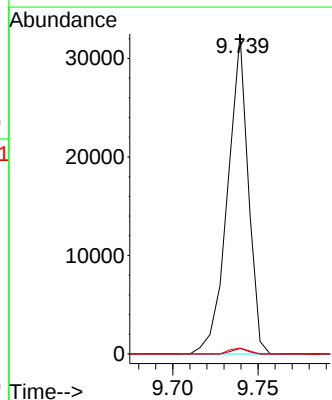
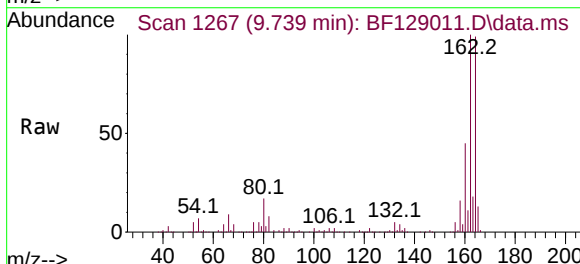
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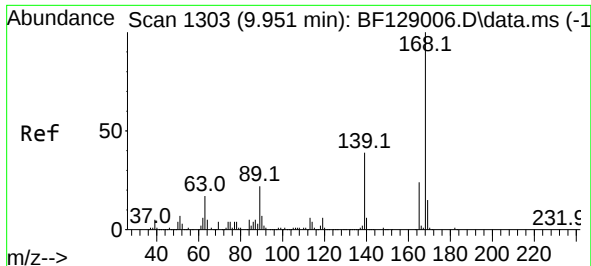
Tgt Ion:163 Resp: 37417
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 538.9 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.474 ng
RT: 9.739 min Scan# 1267
Delta R.T. 0.194 min
Lab File: BF129011.D
Acq: 26 Jun 2022 18:27

Tgt Ion:165 Resp: 27221
Ion Ratio Lower Upper
165 100
63 1.7 44.9 67.3#
89 1.8 43.6 65.4#

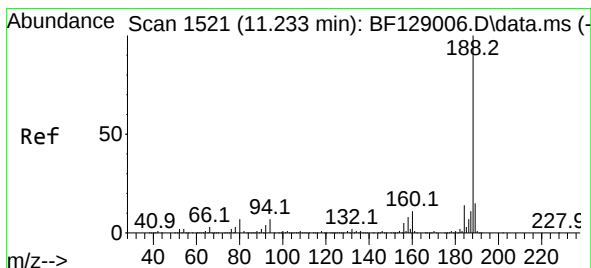
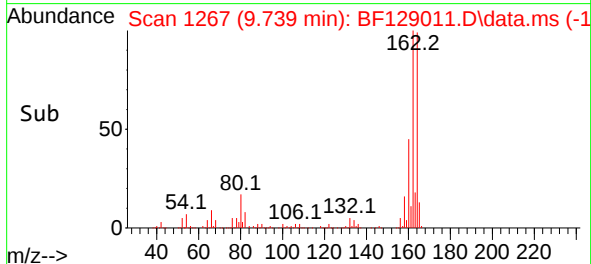
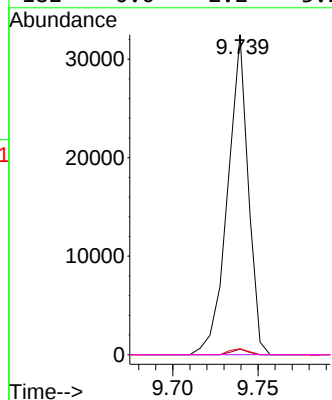
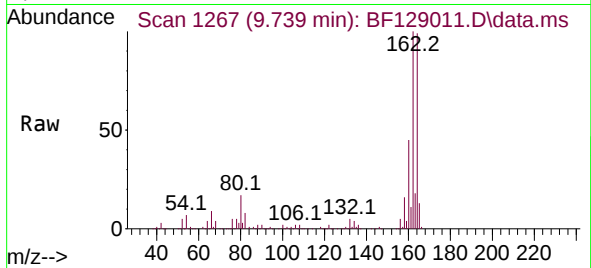




#57
2,4-Dinitrotoluene
Concen: 7.207 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF129011.D
Acq: 26 Jun 2022 18:27

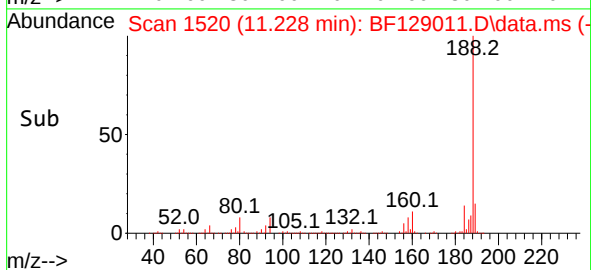
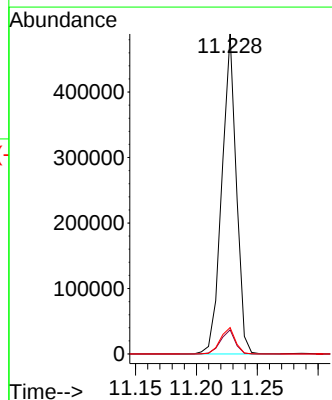
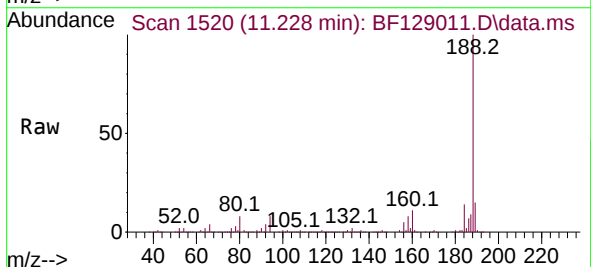
Instrument :
BNA_F
ClientSampleId :
PB145785BL

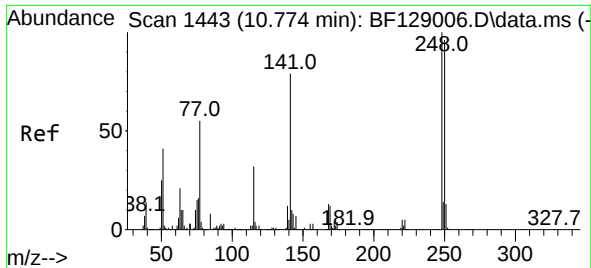
Tgt Ion:165 Resp: 27221
Ion Ratio Lower Upper
165 100
63 1.7 39.8 59.6#
89 1.8 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.228 min Scan# 1520
Delta R.T. -0.005 min
Lab File: BF129011.D
Acq: 26 Jun 2022 18:27

Tgt Ion:188 Resp: 404984
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 8.3 7.6 11.4

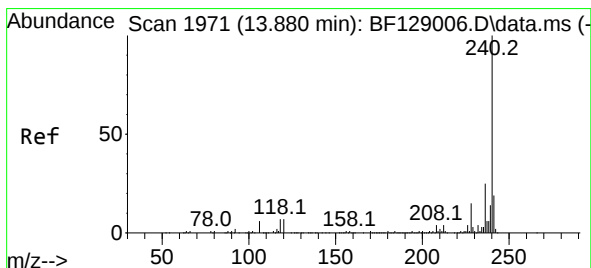
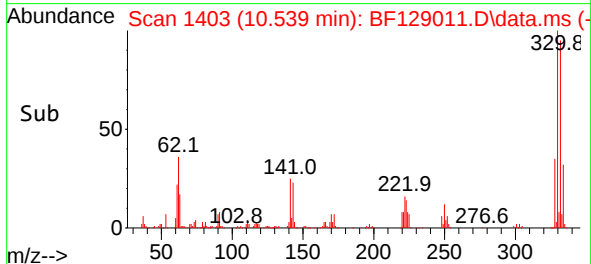
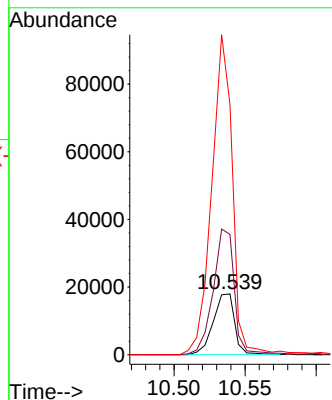
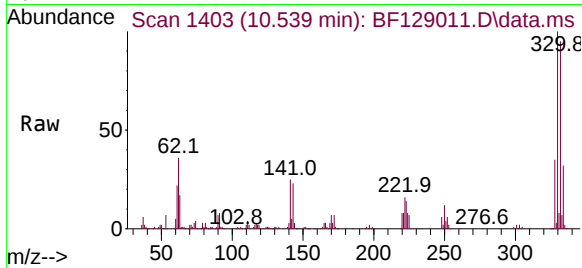




#67
4-Bromophenyl-phenylether
Concen: 4.244 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.235 min
Lab File: BF129011.D
Acq: 26 Jun 2022 18:27

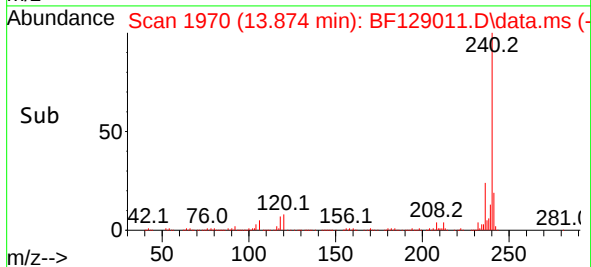
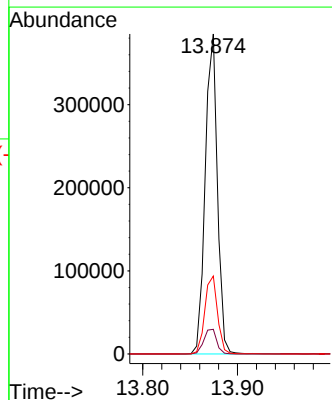
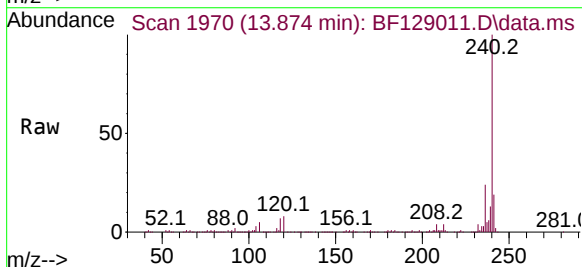
Instrument :
BNA_F
ClientSampleId :
PB145785BL

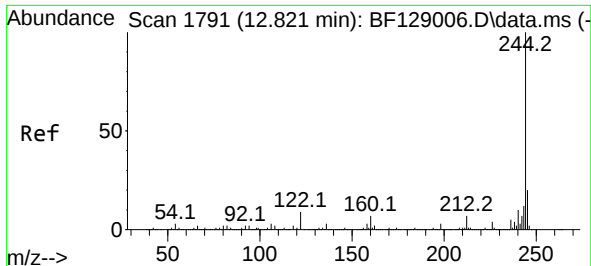
Tgt Ion:248 Resp: 18860
Ion Ratio Lower Upper
248 100
250 197.8 80.6 120.8#
141 411.4 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BF129011.D
Acq: 26 Jun 2022 18:27

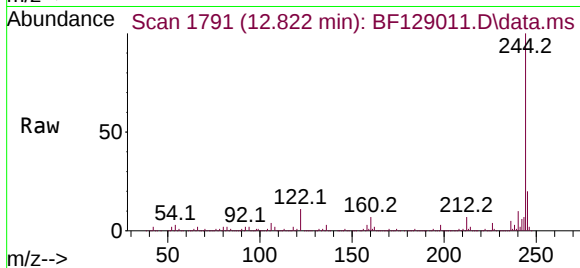
Tgt Ion:240 Resp: 342190
Ion Ratio Lower Upper
240 100
120 7.7 8.9 13.3#
236 24.4 20.8 31.2





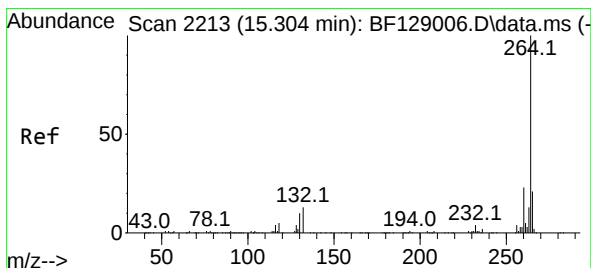
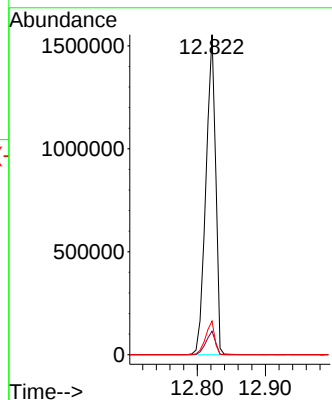
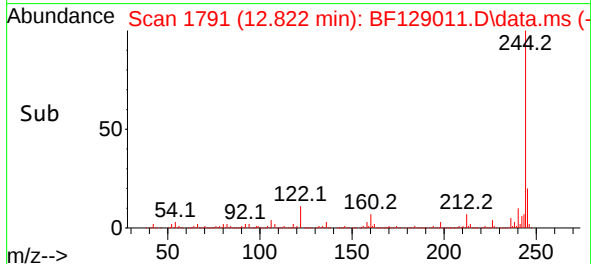
#79
 Terphenyl-d14
 Concen: 83.335 ng
 RT: 12.822 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: BF129011.D
 Acq: 26 Jun 2022 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB145785BL

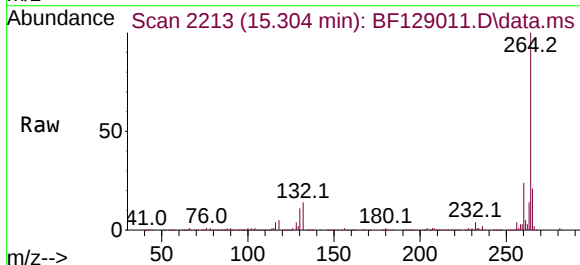


Tgt Ion:244 Resp: 1538337

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	10.5	8.8	13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2213
 Delta R.T. 0.000 min
 Lab File: BF129011.D
 Acq: 26 Jun 2022 18:27



Tgt Ion:264 Resp: 283207

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.4	27.6
265	21.1	17.2	25.8

