

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062622\
 Data File : BF129018.D
 Acq On : 26 Jun 2022 21:53
 Operator : CG\JU
 Sample : PB145737BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145737BL

Quant Time: Jun 27 06:34:14 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)

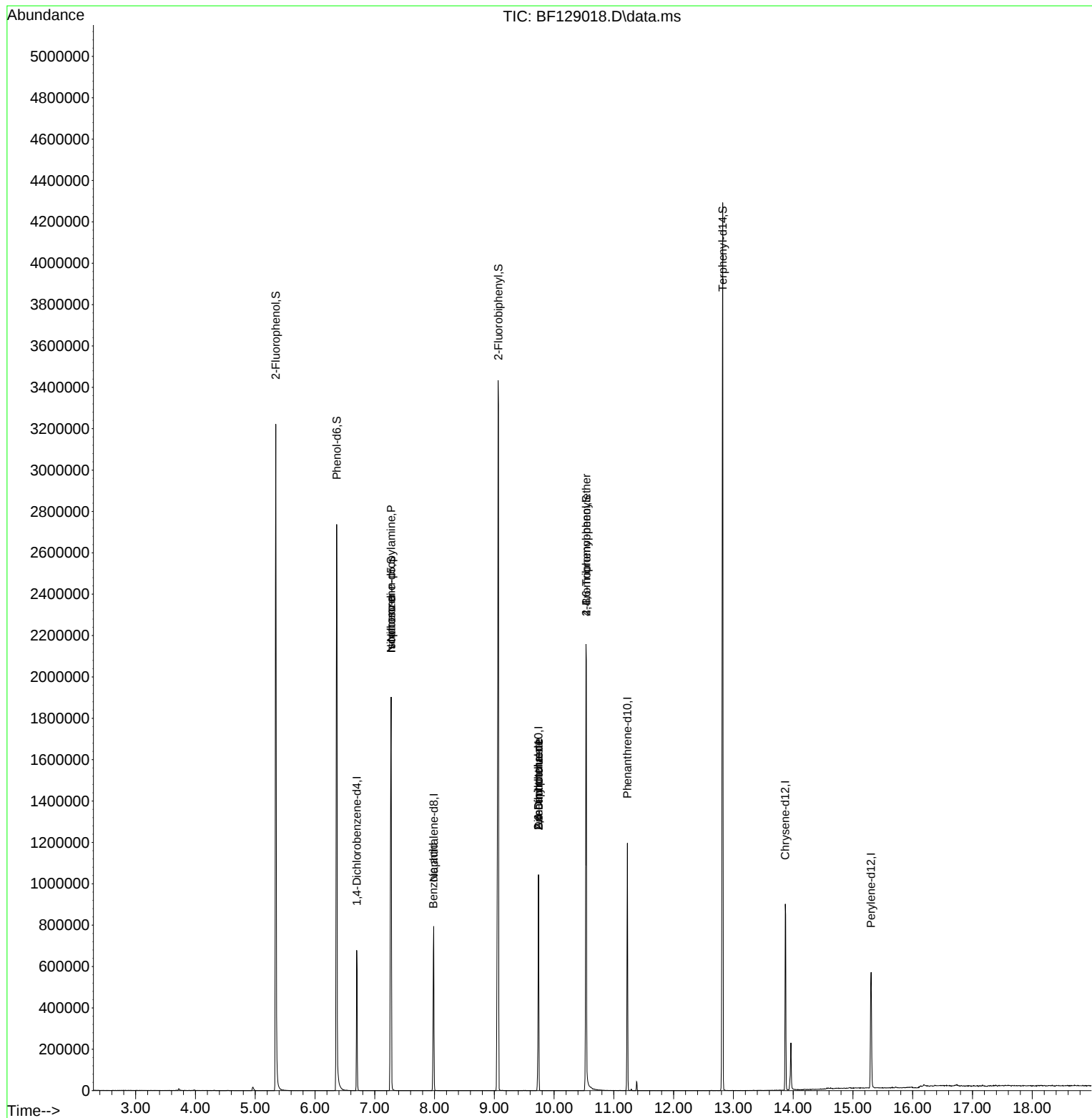
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	95770	20.000	ng	0.00
21) Naphthalene-d8	7.986	136	366955	20.000	ng	# 0.00
39) Acenaphthene-d10	9.739	164	209955	20.000	ng	0.00
64) Phenanthrene-d10	11.227	188	409117	20.000	ng	0.00
76) Chrysene-d12	13.868	240	329921	20.000	ng	-0.01
86) Perylene-d12	15.304	264	262060	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	799778	129.646	ng	0.01
7) Phenol-d6	6.363	99	1017047	141.037	ng	0.00
23) Nitrobenzene-d5	7.275	82	702236	92.129	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	299076	137.205	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	1346024	92.892	ng	0.00
79) Terphenyl-d14	12.821	244	1630619	91.619	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.275	70	100041	22.478	ng	# 75
25) Isophorone	7.275	82	699407	60.544	ng	# 65
32) Benzoic acid	7.981	122	142	4.121	ng	# 1
50) Dimethylphthalate	9.739	163	38111	2.732	ng	# 1
51) 2,6-Dinitrotoluene	9.739	165	28490	9.751	ng	# 26
57) 2,4-Dinitrotoluene	9.739	165	28490	7.417	ng	# 21
67) 4-Bromophenyl-phenylether	10.539	248	19839	4.419	ng	# 1

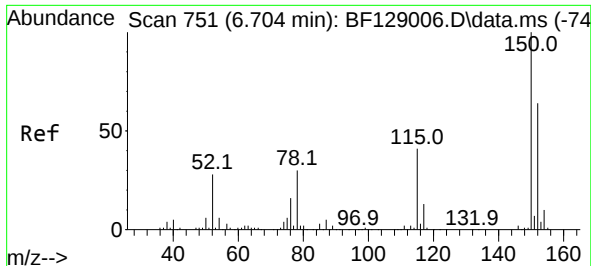
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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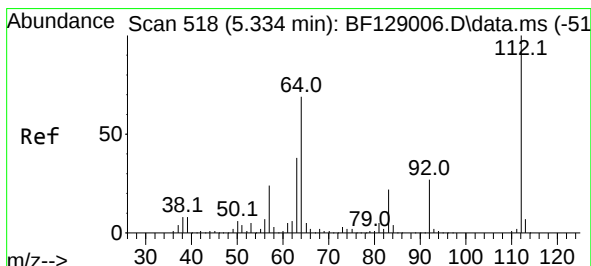
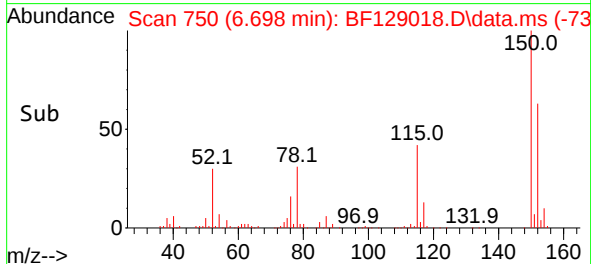
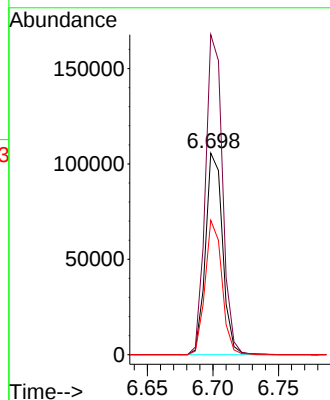
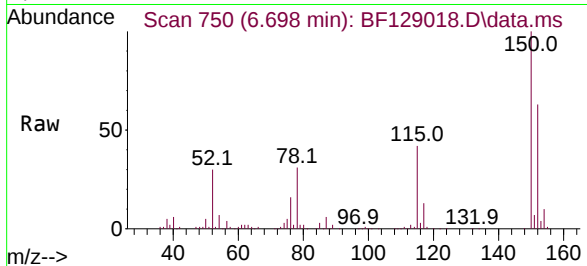




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.698 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129018.D
Acq: 26 Jun 2022 21:53

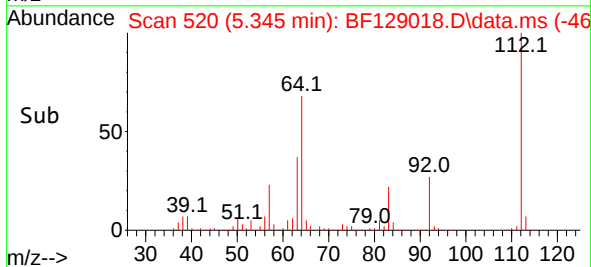
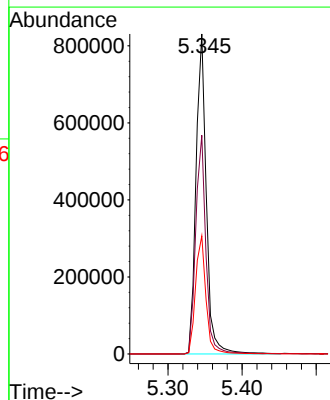
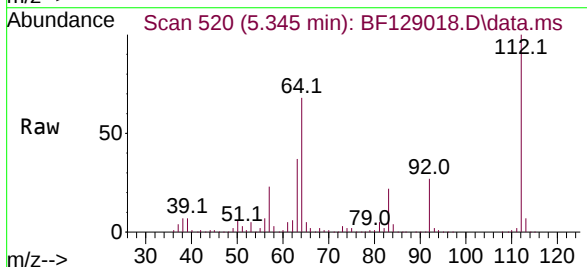
Instrument :
BNA_F
ClientSampleId :
PB145737BL

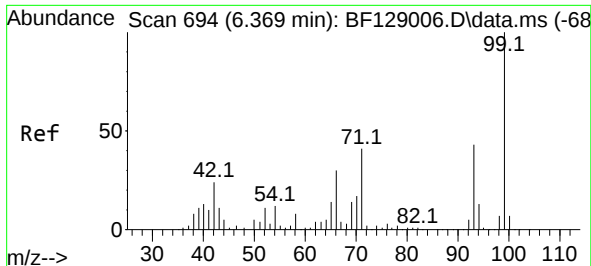
Tgt Ion:152 Resp: 95770
Ion Ratio Lower Upper
152 100
150 158.8 123.7 185.5
115 66.7 49.9 74.9



#5
2-Fluorophenol
Concen: 129.646 ng
RT: 5.345 min Scan# 520
Delta R.T. 0.012 min
Lab File: BF129018.D
Acq: 26 Jun 2022 21:53

Tgt Ion:112 Resp: 799778
Ion Ratio Lower Upper
112 100
64 68.3 53.3 79.9
63 36.9 28.0 42.0

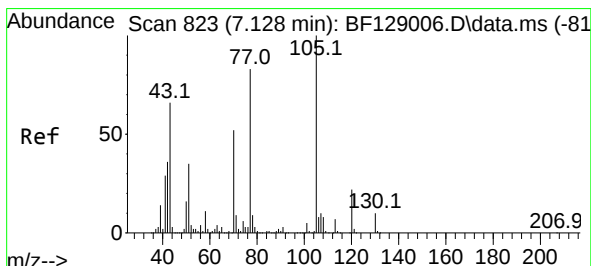
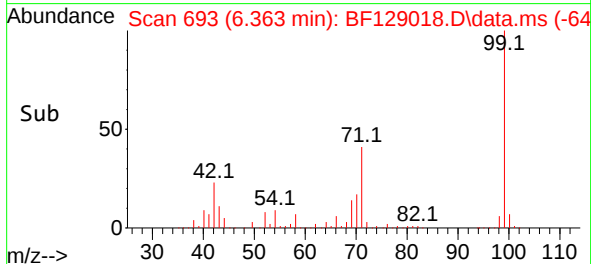
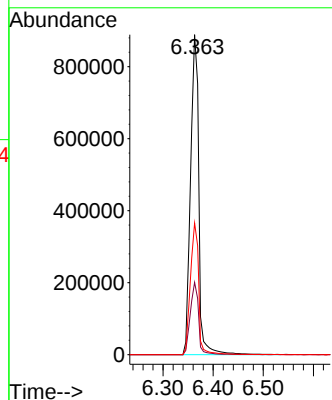
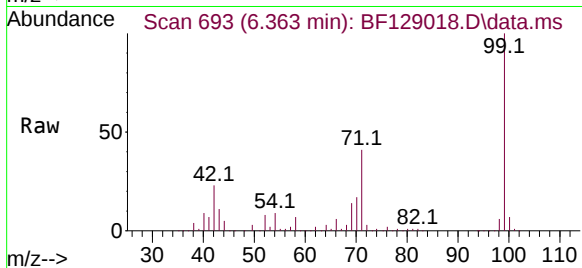




#7
Phenol-d6
Concen: 141.037 ng
RT: 6.363 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF129018.D
Acq: 26 Jun 2022 21:53

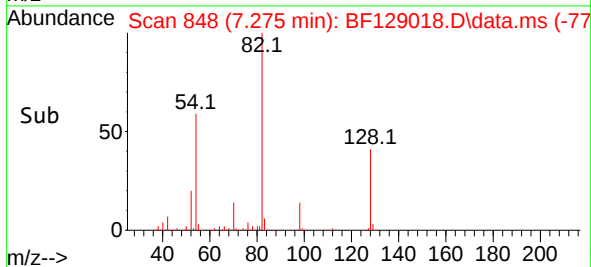
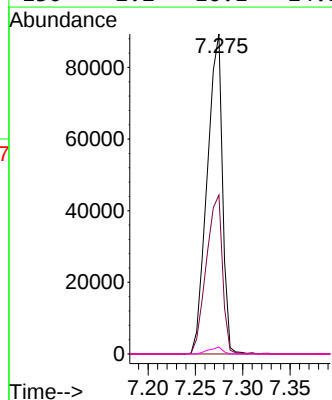
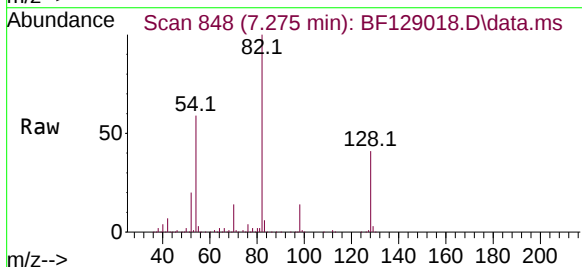
Instrument :
BNA_F
ClientSampleId :
PB145737BL

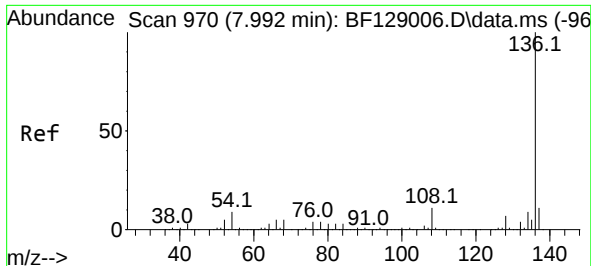
Tgt Ion: 99 Resp: 1017047
Ion Ratio Lower Upper
99 100
42 22.6 17.3 25.9
71 41.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 22.478 ng
RT: 7.275 min Scan# 848
Delta R.T. 0.147 min
Lab File: BF129018.D
Acq: 26 Jun 2022 21:53

Tgt Ion: 70 Resp: 100041
Ion Ratio Lower Upper
70 100
42 49.7 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#

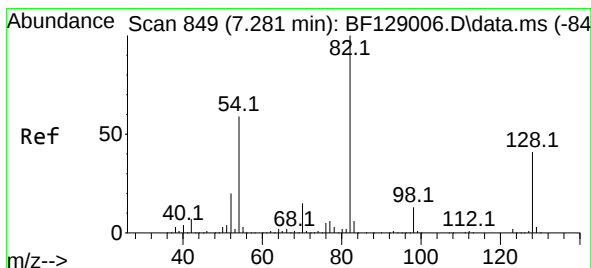
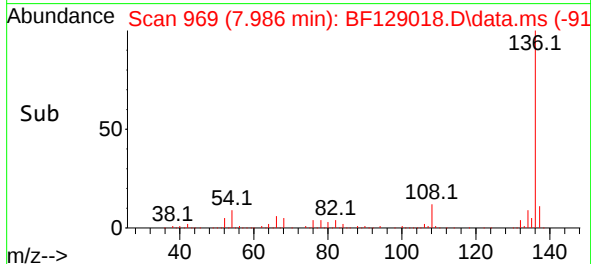
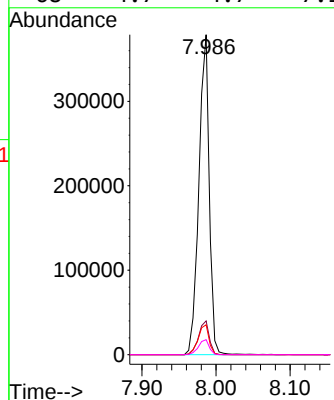
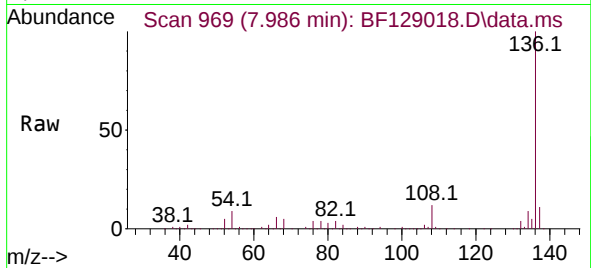




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.986 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF129018.D
Acq: 26 Jun 2022 21:53

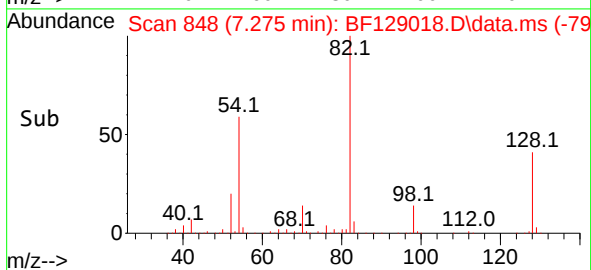
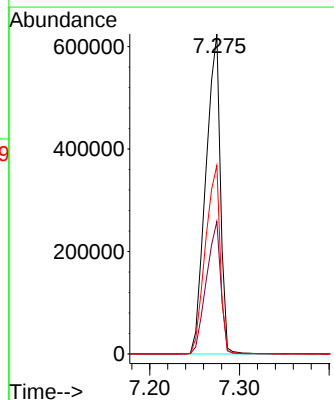
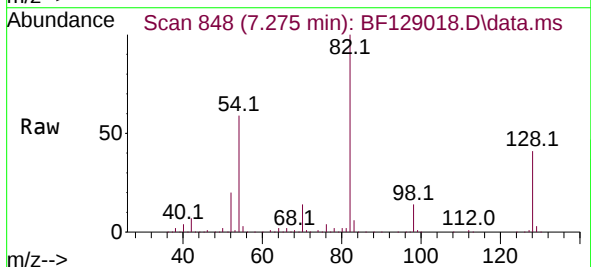
Instrument :
BNA_F
ClientSampleId :
PB145737BL

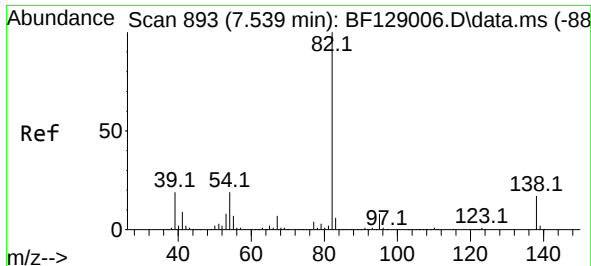
Tgt Ion:136 Resp: 366955
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 9.3 7.5 11.3
68 4.7 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 92.129 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF129018.D
Acq: 26 Jun 2022 21:53

Tgt Ion: 82 Resp: 702236
Ion Ratio Lower Upper
82 100
128 41.4 34.0 51.0
54 58.9 46.9 70.3

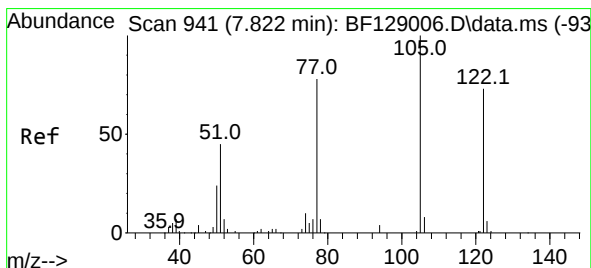
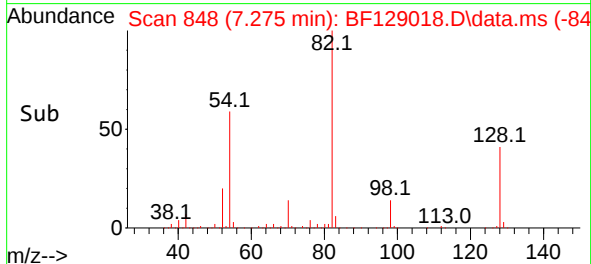
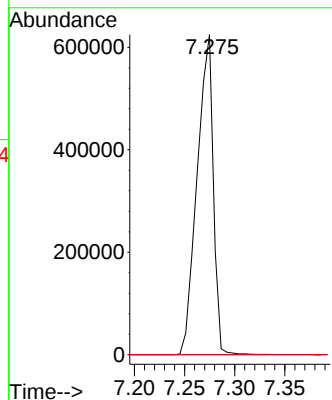
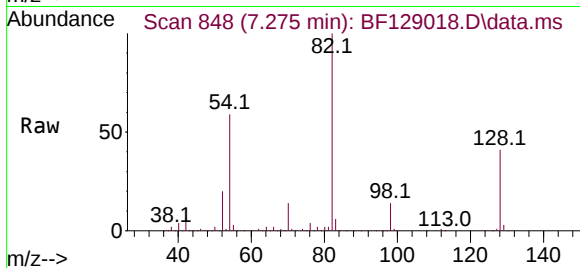




#25
Isophorone
Concen: 60.544 ng
RT: 7.275 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF129018.D
Acq: 26 Jun 2022 21:53

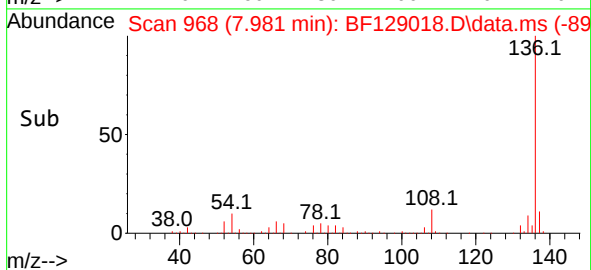
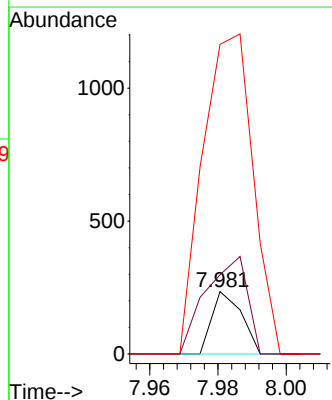
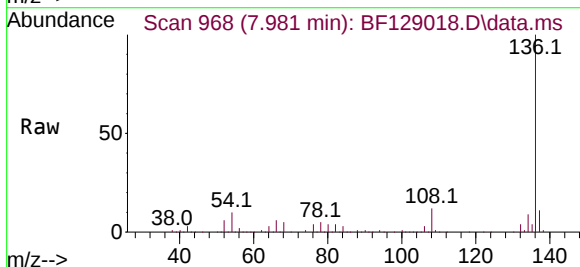
Instrument :
BNA_F
ClientSampleId :
PB145737BL

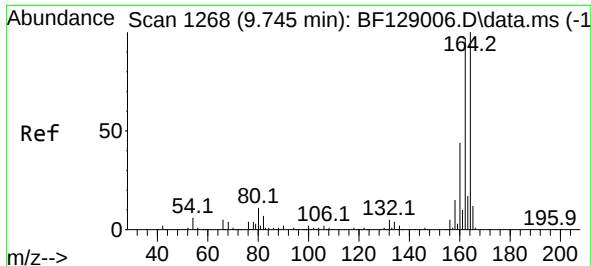
Tgt Ion: 82 Resp: 699407
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#32
Benzoic acid
Concen: 4.121 ng
RT: 7.981 min Scan# 968
Delta R.T. 0.159 min
Lab File: BF129018.D
Acq: 26 Jun 2022 21:53

Tgt Ion: 122 Resp: 142
Ion Ratio Lower Upper
122 100
105 126.8 107.1 147.1
77 495.7 74.2 114.2#

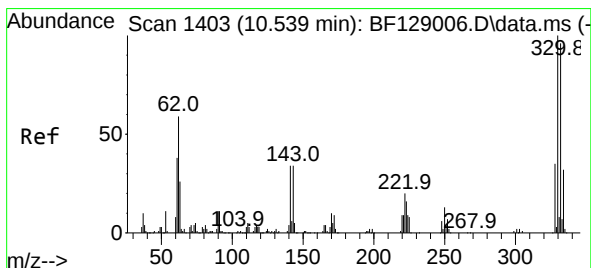
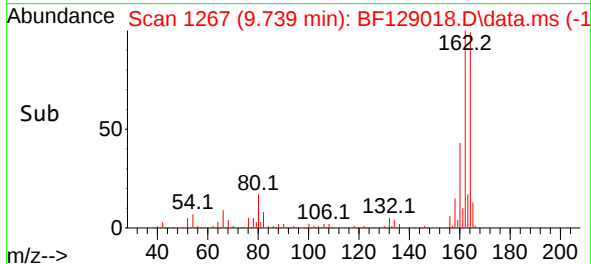
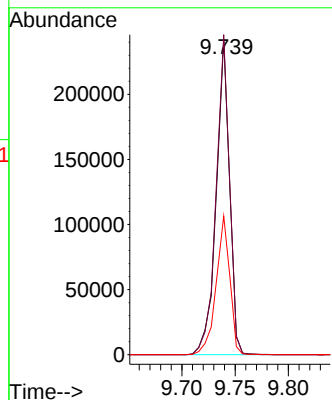
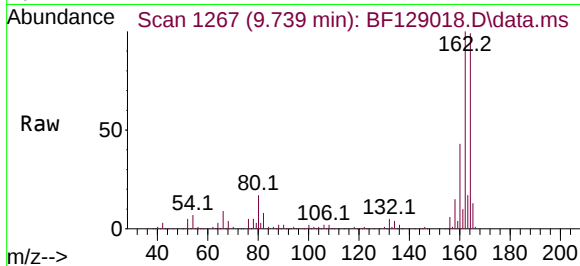




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129018.D
Acq: 26 Jun 2022 21:53

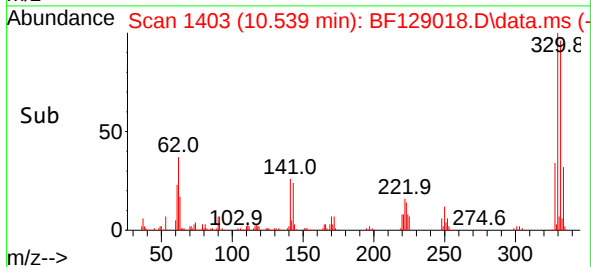
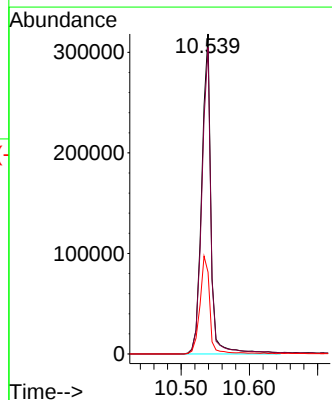
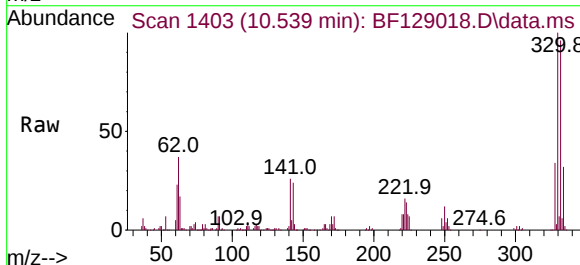
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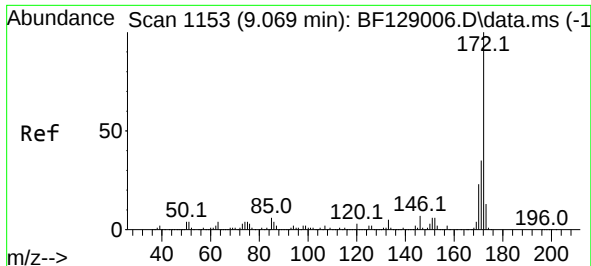
Tgt Ion:164 Resp: 209955
Ion Ratio Lower Upper
164 100
162 101.3 79.5 119.3
160 43.9 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 137.205 ng
RT: 10.539 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF129018.D
Acq: 26 Jun 2022 21:53

Tgt Ion:330 Resp: 299076
Ion Ratio Lower Upper
330 100
332 96.8 76.8 115.2
141 33.0 28.0 42.0

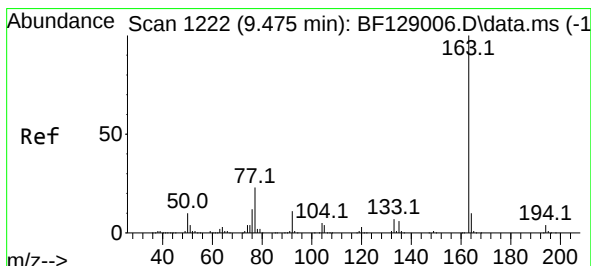
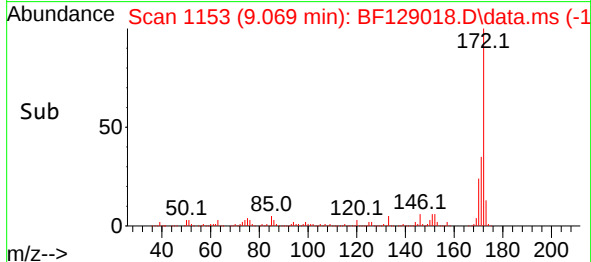
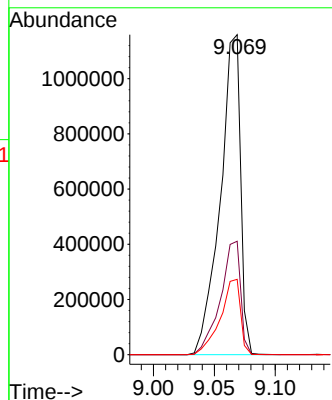
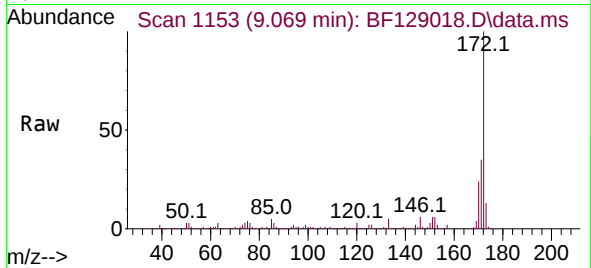




#45
2-Fluorobiphenyl
Concen: 92.892 ng
RT: 9.069 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF129018.D
Acq: 26 Jun 2022 21:53

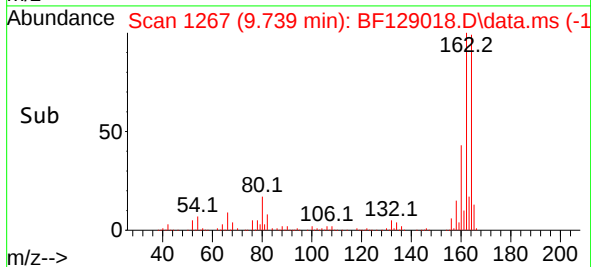
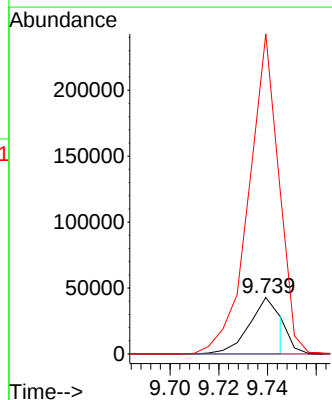
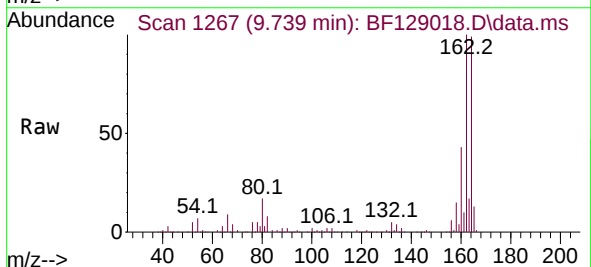
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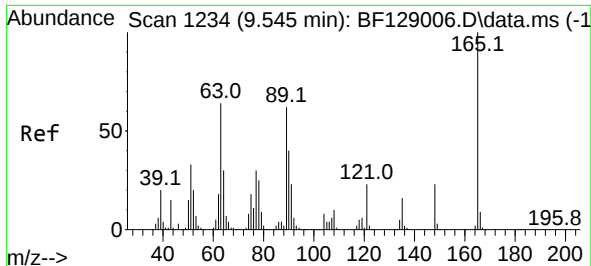
Tgt Ion:172 Resp: 1346024
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.6 19.8 29.8



#50
Dimethylphthalate
Concen: 2.732 ng
RT: 9.739 min Scan# 1267
Delta R.T. 0.265 min
Lab File: BF129018.D
Acq: 26 Jun 2022 21:53

Tgt Ion:163 Resp: 38111
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 566.0 8.2 12.2#

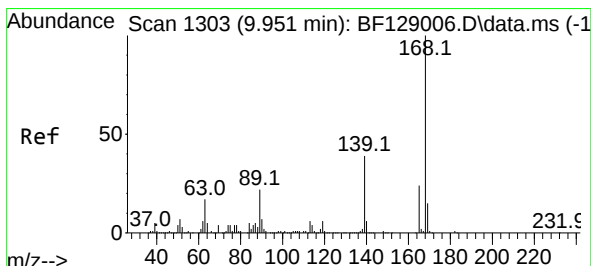
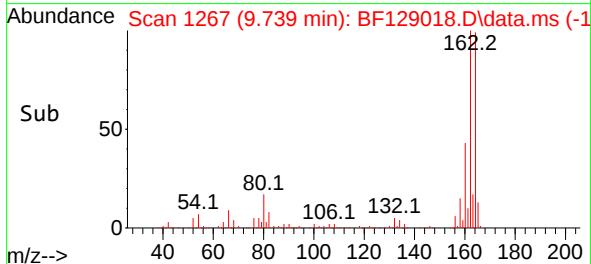
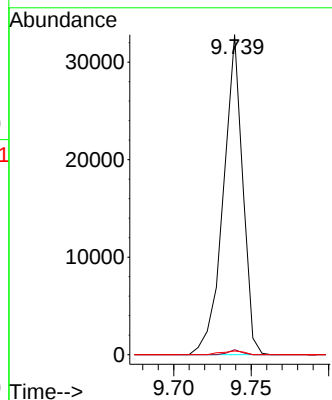
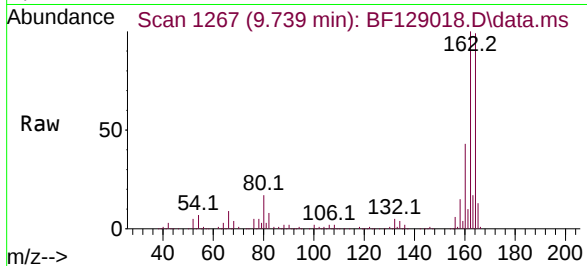




#51
2,6-Dinitrotoluene
Concen: 9.751 ng
RT: 9.739 min Scan# 1267
Delta R.T. 0.194 min
Lab File: BF129018.D
Acq: 26 Jun 2022 21:53

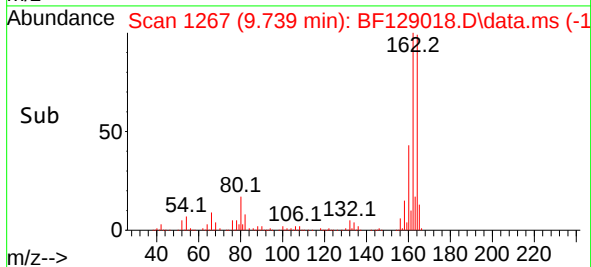
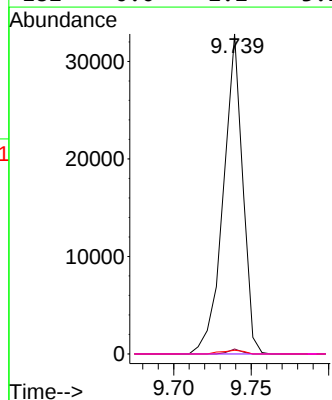
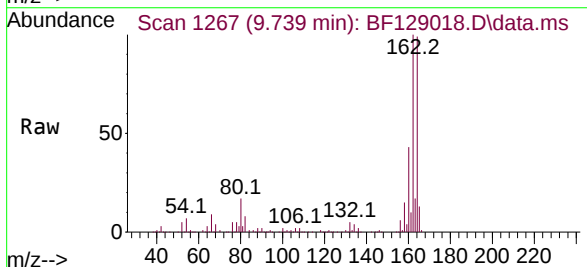
Instrument :
BNA_F
ClientSampleId :
PB145737BL

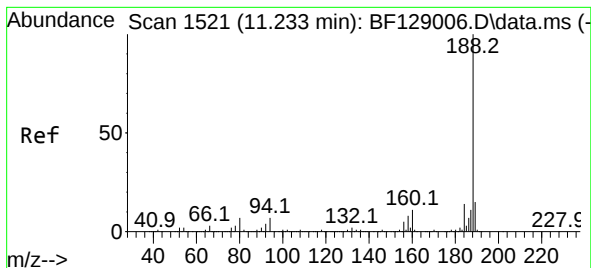
Tgt Ion:165 Resp: 28490
Ion Ratio Lower Upper
165 100
63 1.6 44.9 67.3#
89 1.2 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.417 ng
RT: 9.739 min Scan# 1267
Delta R.T. -0.212 min
Lab File: BF129018.D
Acq: 26 Jun 2022 21:53

Tgt Ion:165 Resp: 28490
Ion Ratio Lower Upper
165 100
63 1.6 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.227 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129018.D

Acq: 26 Jun 2022 21:53

Instrument :

BNA_F

ClientSampleId :

PB145737BL

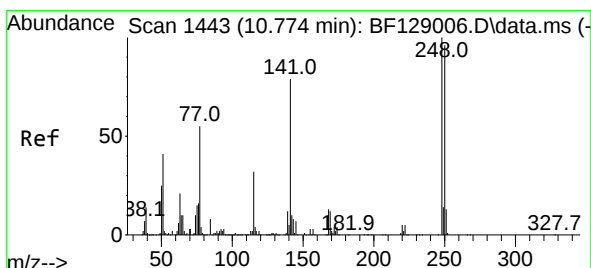
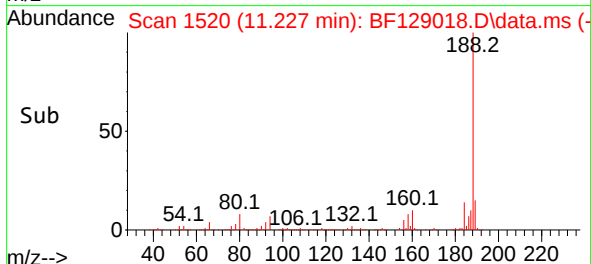
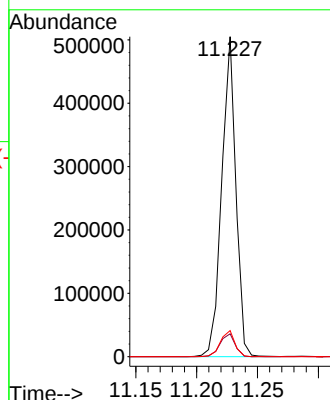
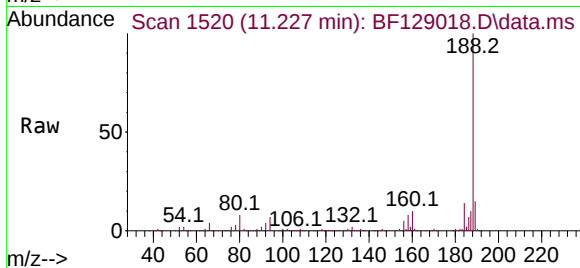
Tgt Ion:188 Resp: 409117

Ion Ratio Lower Upper

188 100

94 7.2 7.0 10.6

80 8.2 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.419 ng

RT: 10.539 min Scan# 1403

Delta R.T. -0.235 min

Lab File: BF129018.D

Acq: 26 Jun 2022 21:53

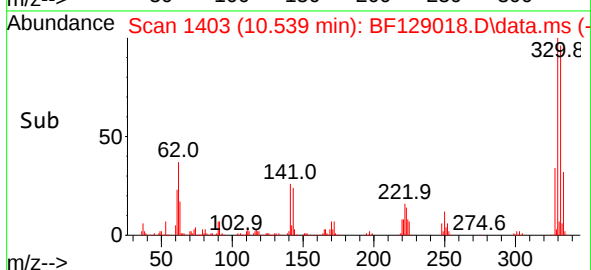
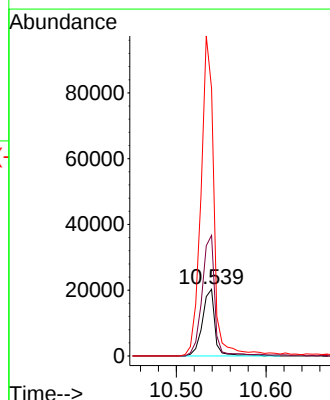
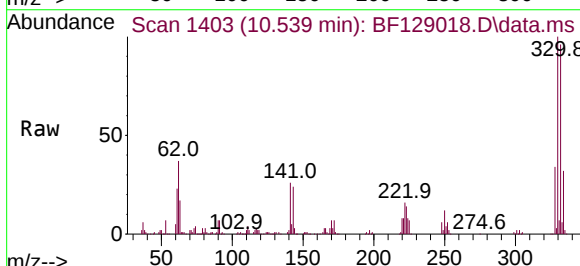
Tgt Ion:248 Resp: 19839

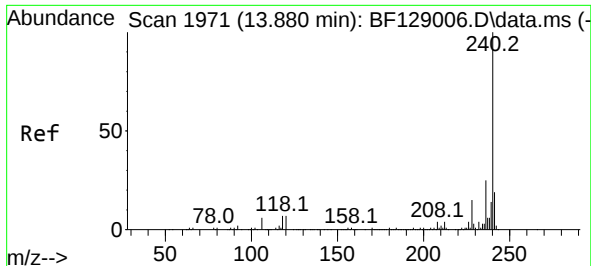
Ion Ratio Lower Upper

248 100

250 180.7 80.6 120.8#

141 400.7 58.9 88.3#

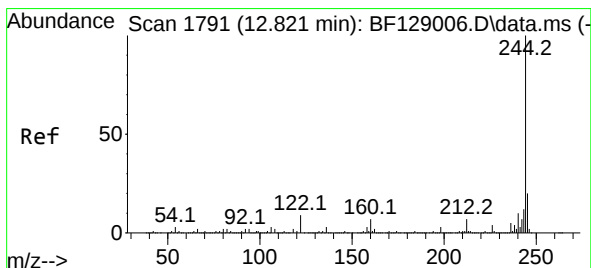
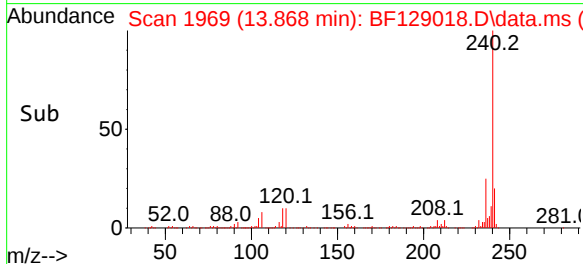
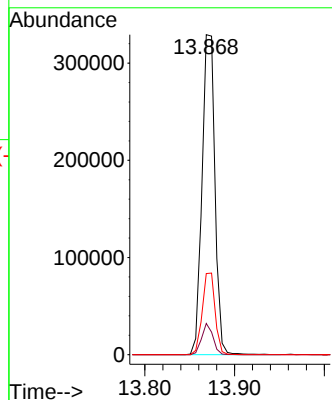
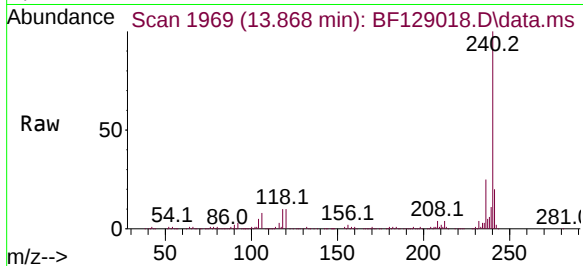




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.868 min Scan# 1969
Delta R.T. -0.012 min
Lab File: BF129018.D
Acq: 26 Jun 2022 21:53

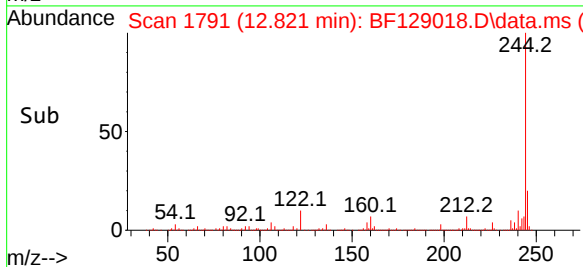
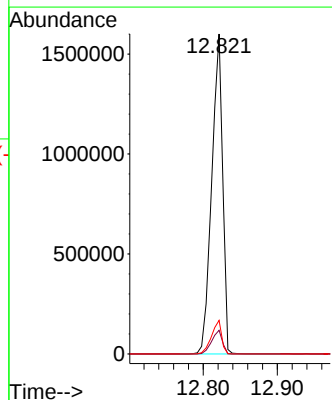
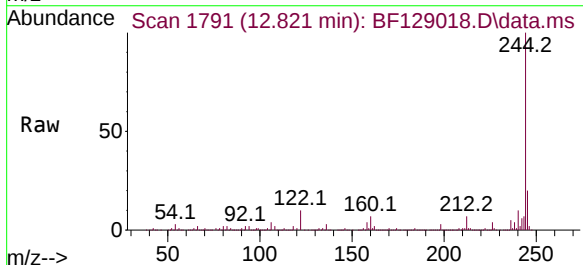
Instrument :
BNA_F
ClientSampleId :
PB145737BL

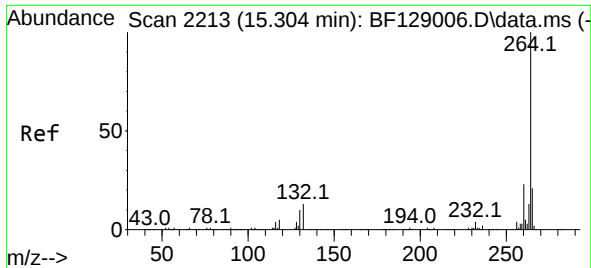
Tgt Ion:240 Resp: 329921
Ion Ratio Lower Upper
240 100
120 9.7 8.9 13.3
236 25.3 20.8 31.2



#79
Terphenyl-d14
Concen: 91.619 ng
RT: 12.821 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF129018.D
Acq: 26 Jun 2022 21:53

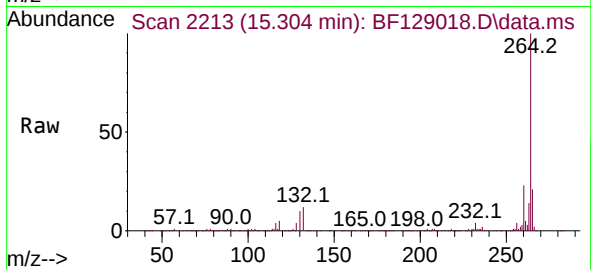
Tgt Ion:244 Resp: 1630619
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 10.5 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF129018.D
 Acq: 26 Jun 2022 21:53

Instrument :
 BNA_F
 ClientSampleId :
 PB145737BL



Tgt Ion:264 Resp: 262060
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.4 27.6
 265 20.8 17.2 25.8

