

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062622\
 Data File : BF129012.D
 Acq On : 26 Jun 2022 18:56
 Operator : CG\JU
 Sample : PB1457801TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB1457801TB

Quant Time: Jun 27 06:31:00 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)

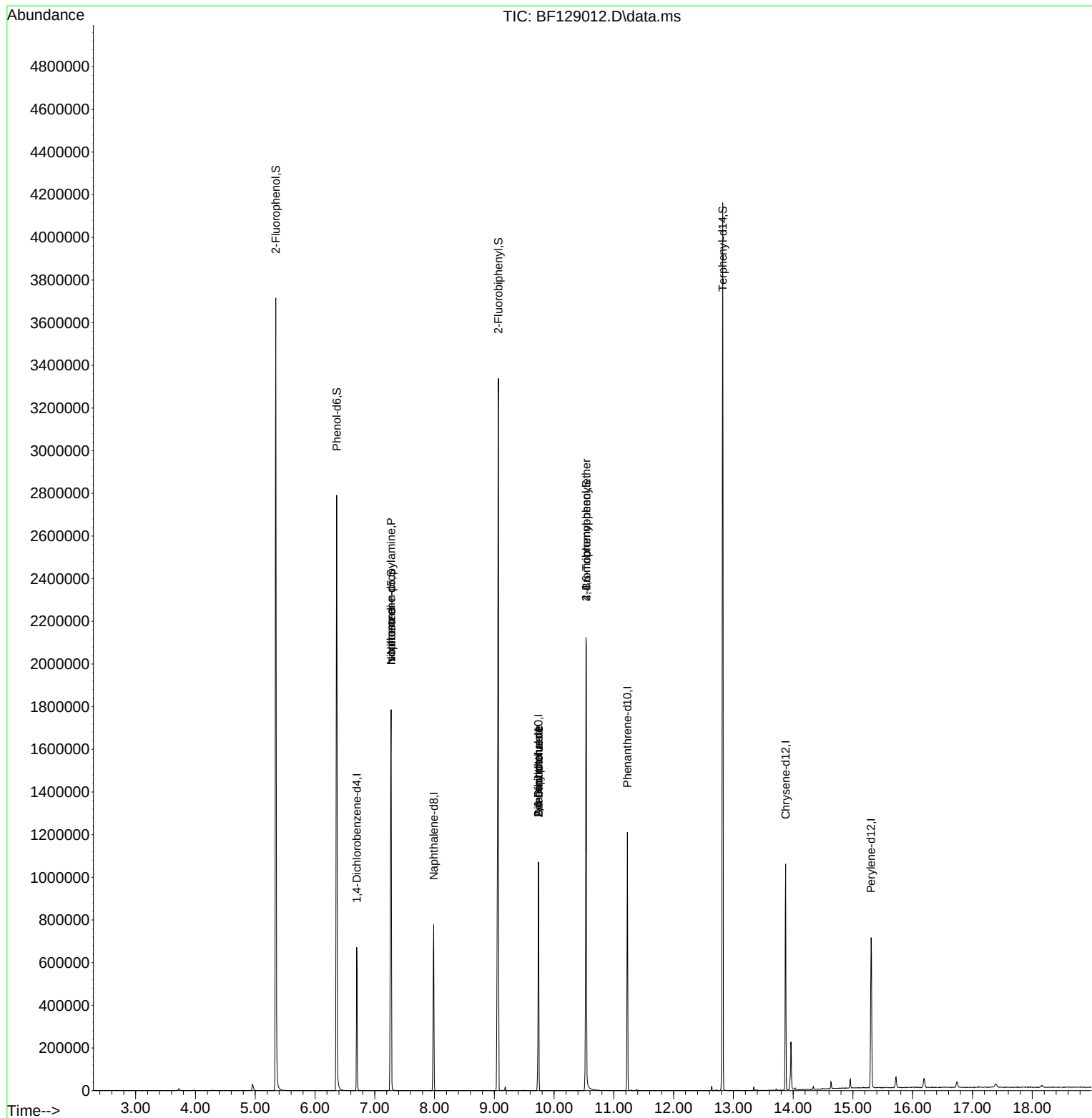
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	95088	20.000	ng	0.00
21) Naphthalene-d8	7.986	136	368967	20.000	ng	0.00
39) Acenaphthene-d10	9.739	164	215727	20.000	ng	0.00
64) Phenanthrene-d10	11.227	188	410683	20.000	ng	0.00
76) Chrysene-d12	13.874	240	350193	20.000	ng	# 0.00
86) Perylene-d12	15.304	264	295382	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	893740	145.917	ng	0.01
7) Phenol-d6	6.363	99	958899	133.927	ng	0.00
23) Nitrobenzene-d5	7.275	82	673815	87.918	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	295993	132.158	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	1282014	86.108	ng	0.00
79) Terphenyl-d14	12.821	244	1615724	85.527	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.275	70	94144	21.304	ng	# 74
25) Isophorone	7.275	82	671536	57.814	ng	# 65
50) Dimethylphthalate	9.739	163	38361	2.677	ng	# 1
51) 2,6-Dinitrotoluene	9.739	165	27366	9.116	ng	# 26
57) 2,4-Dinitrotoluene	9.739	165	27366	6.934	ng	# 22
67) 4-Bromophenyl-phenylether	10.539	248	18932	4.201	ng	# 1

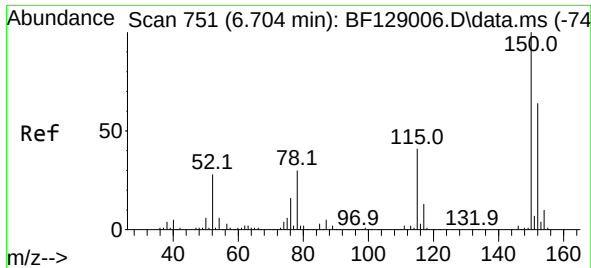
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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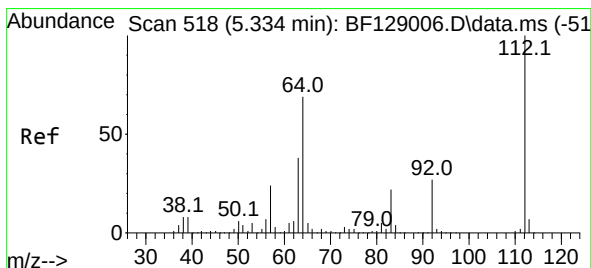
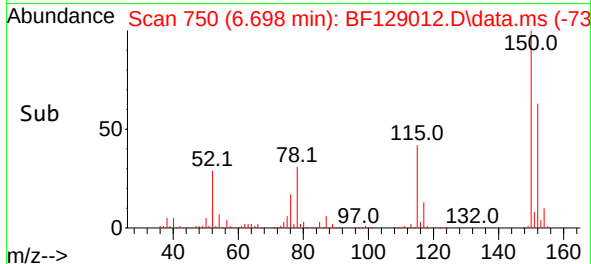
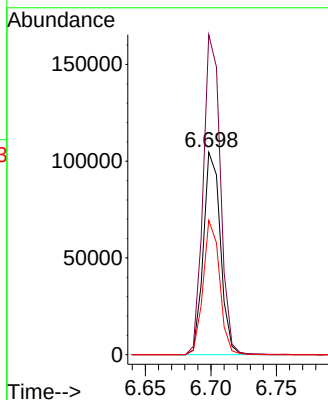
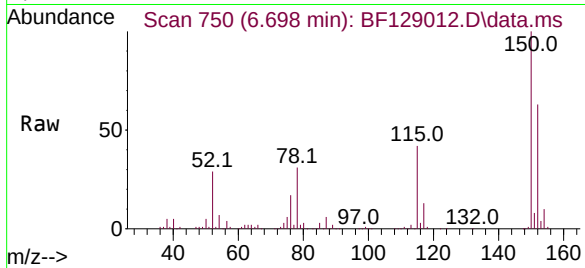




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.698 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129012.D
Acq: 26 Jun 2022 18:56

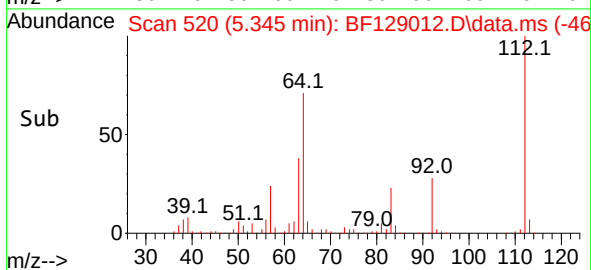
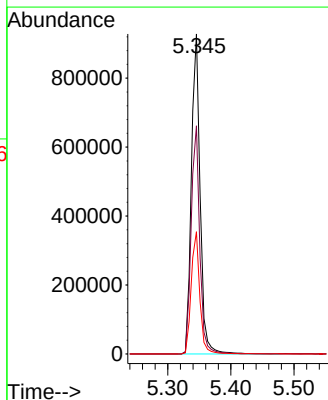
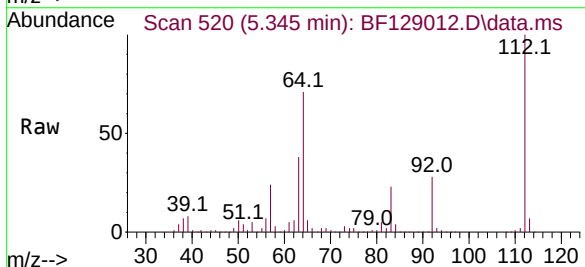
Instrument :
BNA_F
ClientSampleId :
PB1457801TB

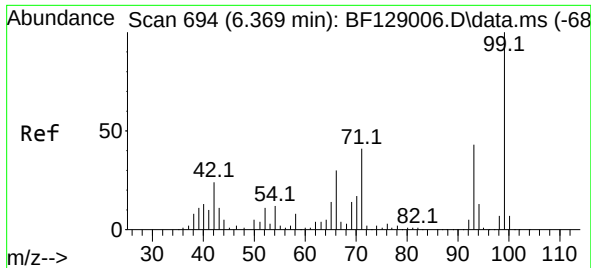
Tgt Ion:152 Resp: 95088
Ion Ratio Lower Upper
152 100
150 158.1 123.7 185.5
115 66.4 49.9 74.9



#5
2-Fluorophenol
Concen: 145.917 ng
RT: 5.345 min Scan# 520
Delta R.T. 0.012 min
Lab File: BF129012.D
Acq: 26 Jun 2022 18:56

Tgt Ion:112 Resp: 893740
Ion Ratio Lower Upper
112 100
64 71.3 53.3 79.9
63 38.2 28.0 42.0

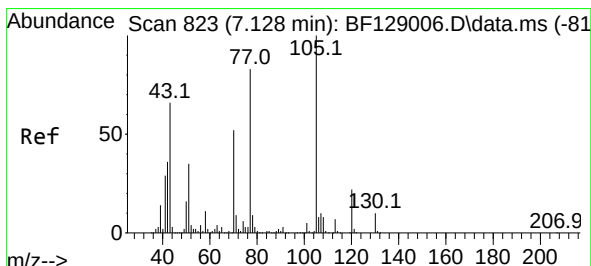
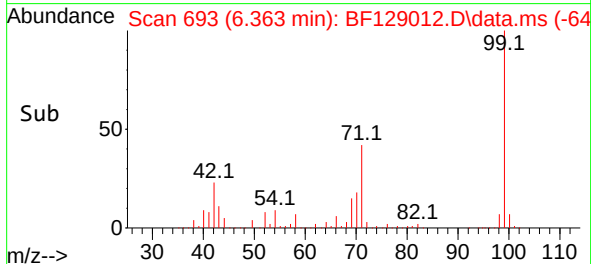
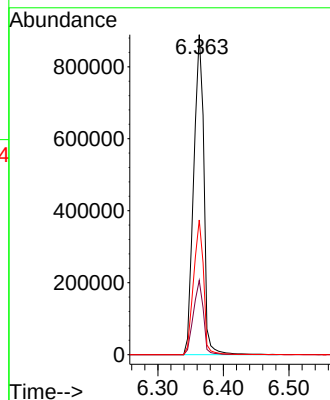
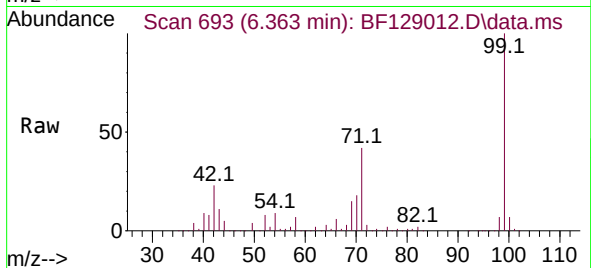




#7
Phenol-d6
Concen: 133.927 ng
RT: 6.363 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF129012.D
Acq: 26 Jun 2022 18:56

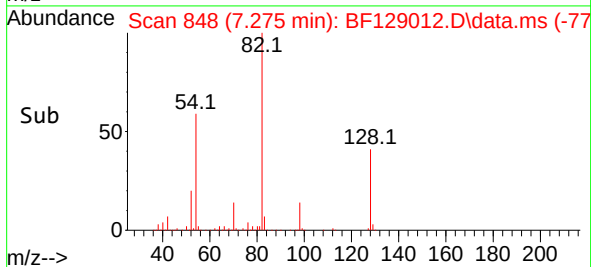
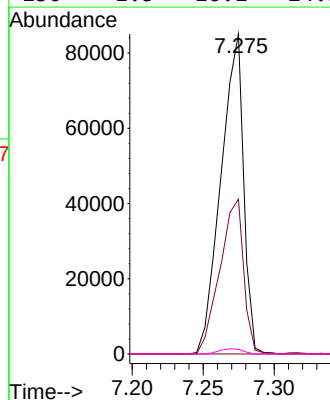
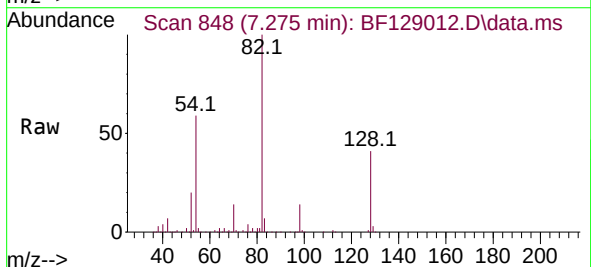
Instrument :
BNA_F
ClientSampleId :
PB1457801TB

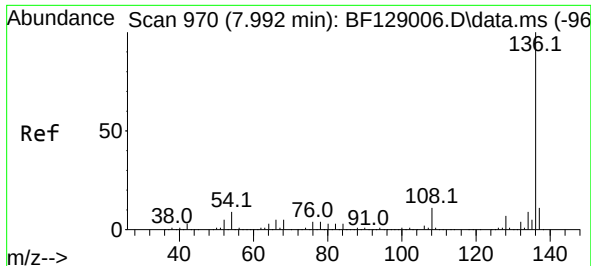
Tgt Ion: 99 Resp: 958899
Ion Ratio Lower Upper
99 100
42 23.2 17.3 25.9
71 42.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.304 ng
RT: 7.275 min Scan# 848
Delta R.T. 0.147 min
Lab File: BF129012.D
Acq: 26 Jun 2022 18:56

Tgt Ion: 70 Resp: 94144
Ion Ratio Lower Upper
70 100
42 48.4 52.3 78.5#
101 0.0 7.5 11.3#
130 1.5 16.1 24.1#

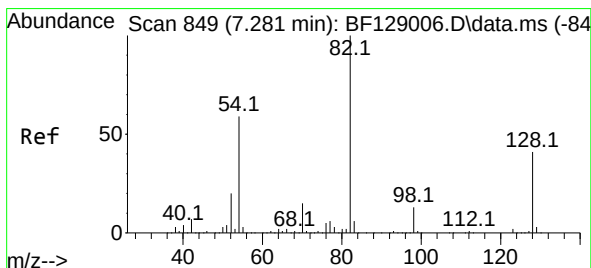
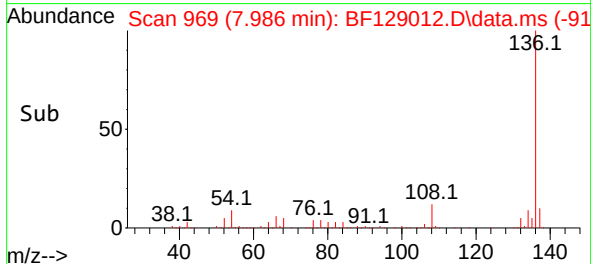
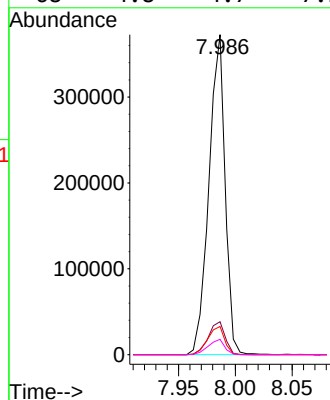
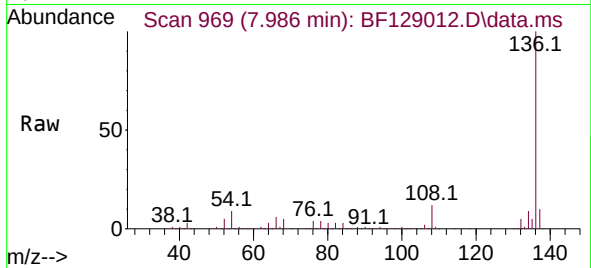




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.986 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129012.D
Acq: 26 Jun 2022 18:56

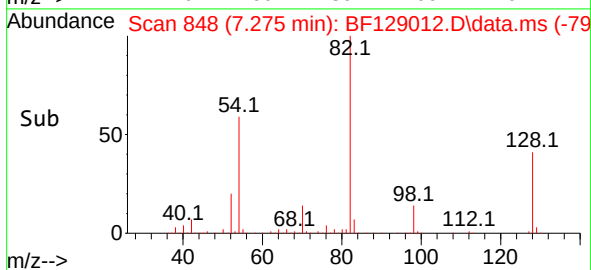
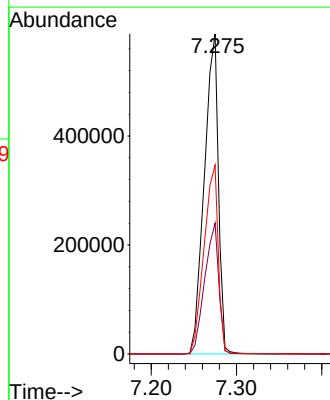
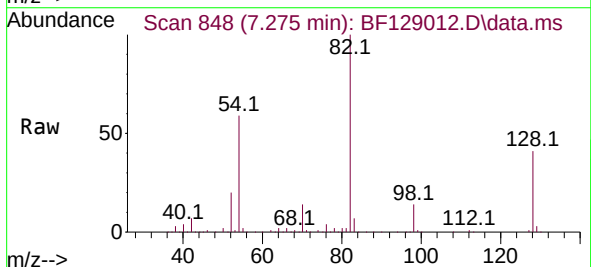
Instrument :
BNA_F
ClientSampleId :
PB1457801TB

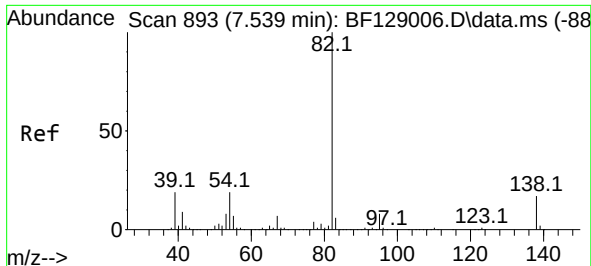
Tgt Ion:	136	Resp:	368967
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	8.8	7.5	11.3
68	4.8	4.7	7.1



#23
Nitrobenzene-d5
Concen: 87.918 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF129012.D
Acq: 26 Jun 2022 18:56

Tgt Ion:	82	Resp:	673815
Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.0	51.0
54	59.0	46.9	70.3

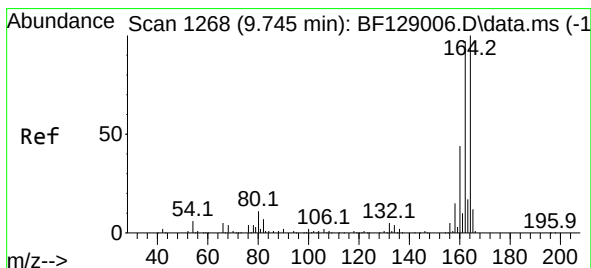
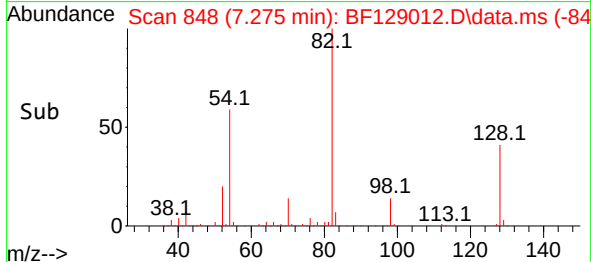
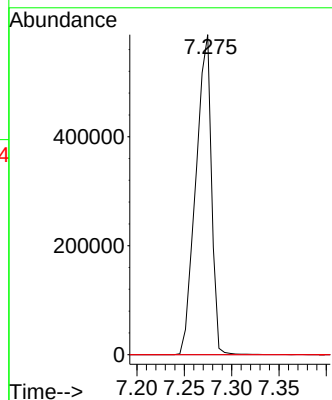
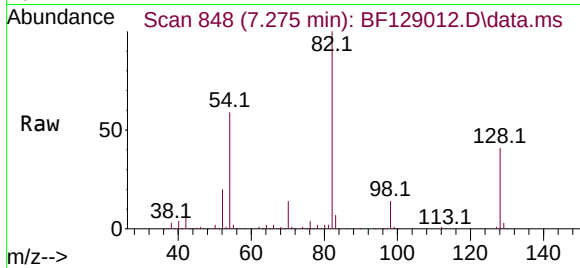




#25
Isophorone
Concen: 57.814 ng
RT: 7.275 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF129012.D
Acq: 26 Jun 2022 18:56

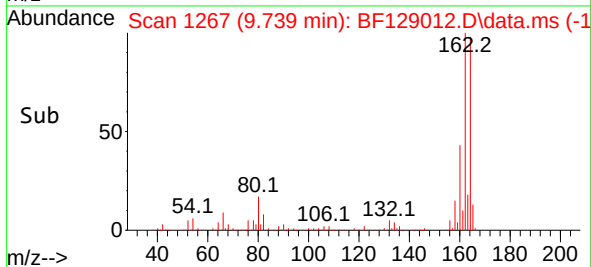
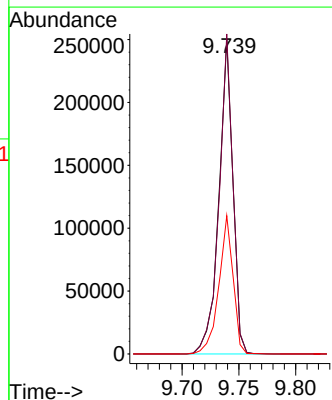
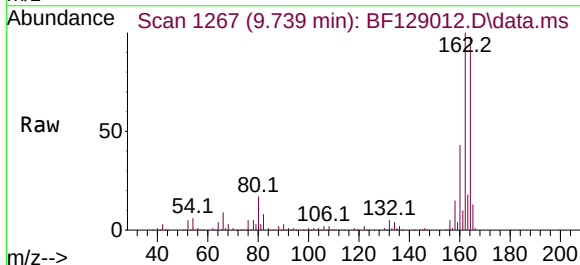
Instrument :
BNA_F
ClientSampleId :
PB1457801TB

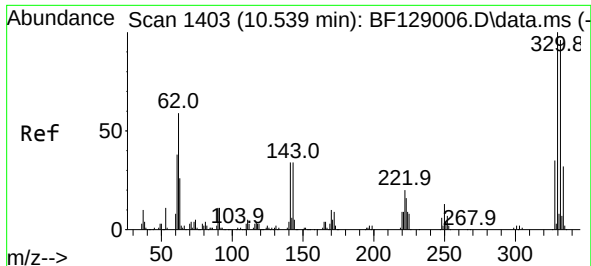
Tgt Ion: 82 Resp: 671536
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.739 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BF129012.D
Acq: 26 Jun 2022 18:56

Tgt Ion:164 Resp: 215727
Ion Ratio Lower Upper
164 100
162 101.7 79.5 119.3
160 43.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 132.158 ng

RT: 10.539 min Scan# 1403

Delta R.T. 0.000 min

Lab File: BF129012.D

Acq: 26 Jun 2022 18:56

Instrument :

BNA_F

ClientSampleId :

PB1457801TB

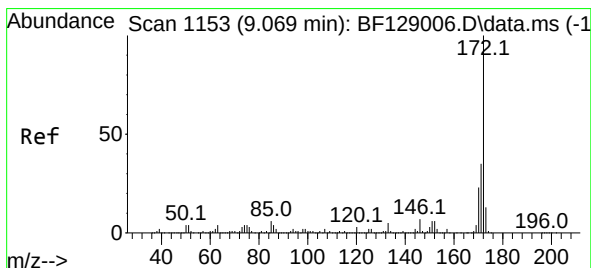
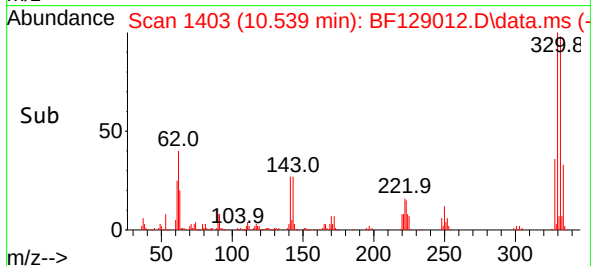
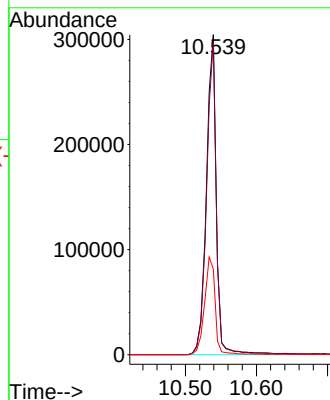
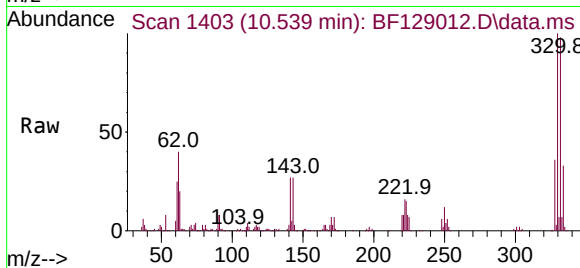
Tgt Ion:330 Resp: 295993

Ion Ratio Lower Upper

330 100

332 96.6 76.8 115.2

141 32.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 86.108 ng

RT: 9.069 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF129012.D

Acq: 26 Jun 2022 18:56

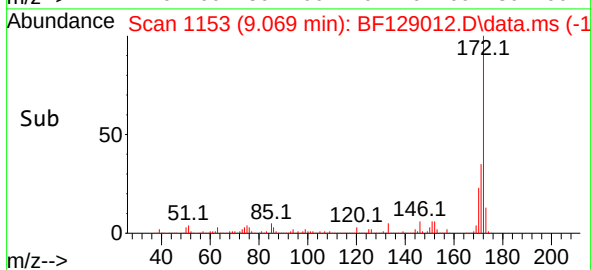
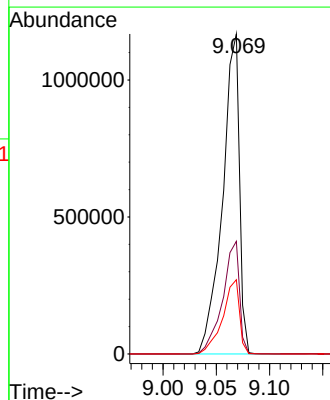
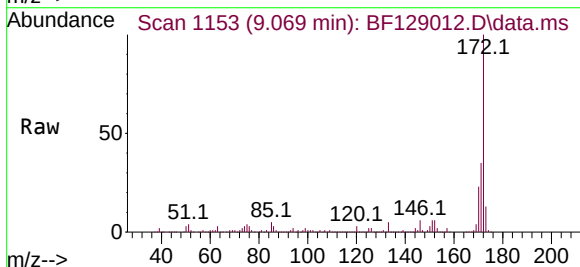
Tgt Ion:172 Resp: 1282014

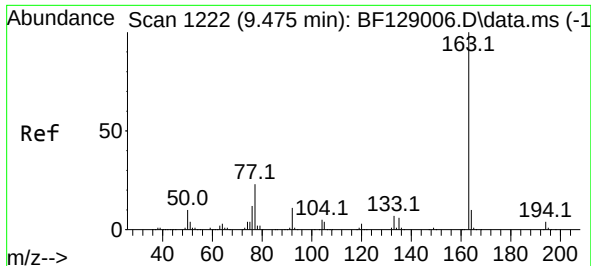
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.2 19.8 29.8

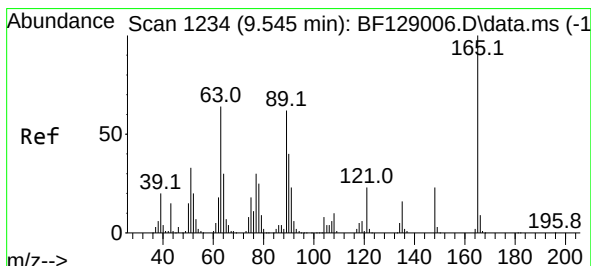
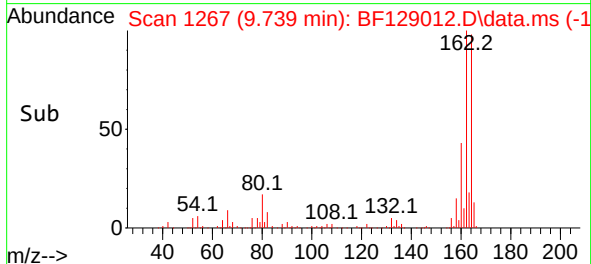
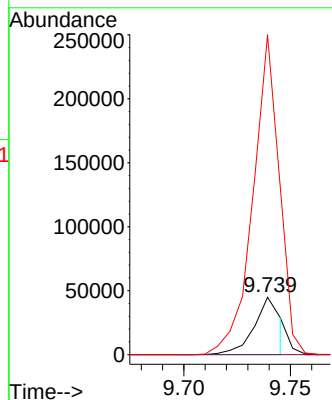
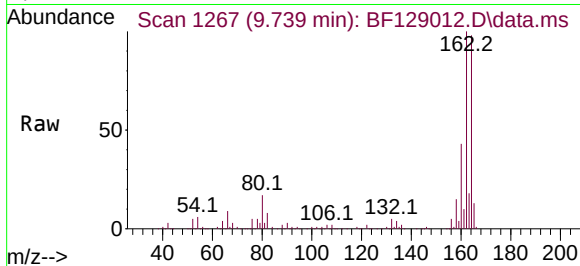




#50
Dimethylphthalate
Concen: 2.677 ng
RT: 9.739 min Scan# 1267
Delta R.T. 0.265 min
Lab File: BF129012.D
Acq: 26 Jun 2022 18:56

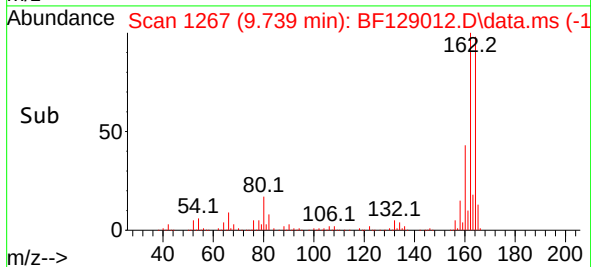
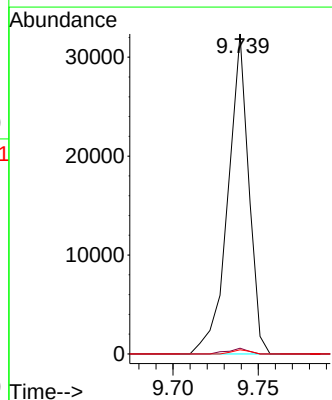
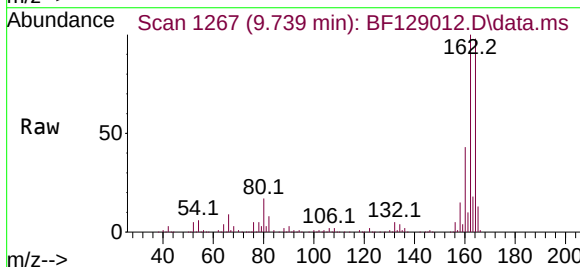
Instrument :
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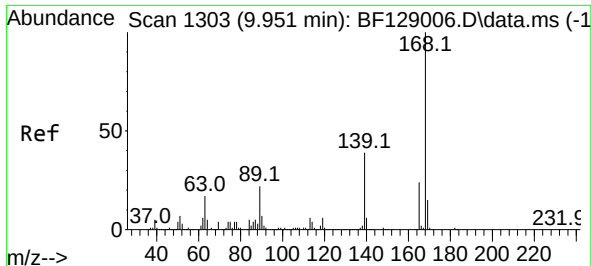
Tgt Ion:163 Resp: 38361
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 556.9 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.116 ng
RT: 9.739 min Scan# 1267
Delta R.T. 0.194 min
Lab File: BF129012.D
Acq: 26 Jun 2022 18:56

Tgt Ion:165 Resp: 27366
Ion Ratio Lower Upper
165 100
63 1.8 44.9 67.3#
89 1.3 43.6 65.4#





#57

2,4-Dinitrotoluene

Concen: 6.934 ng

RT: 9.739 min Scan# 1

Delta R.T. -0.212 min

Lab File: BF129012.D

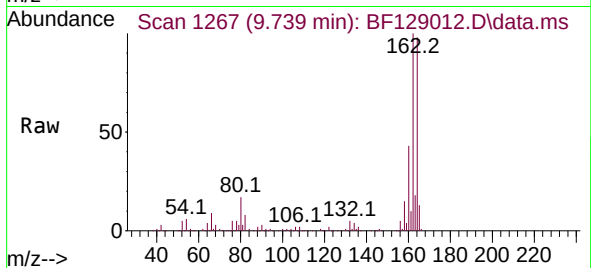
Acq: 26 Jun 2022 18:56

Instrument :

BNA_F

ClientSampleId :

PB1457801TB



Tgt Ion:165 Resp: 27366

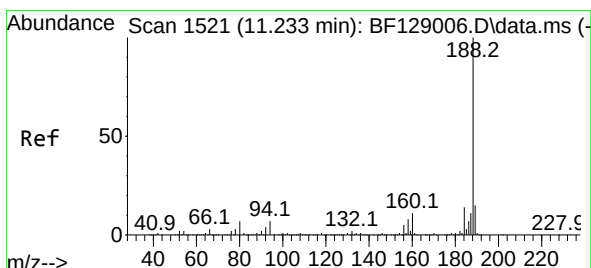
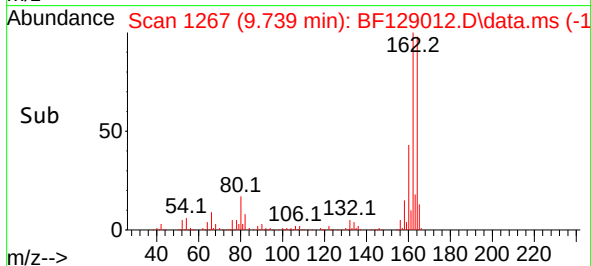
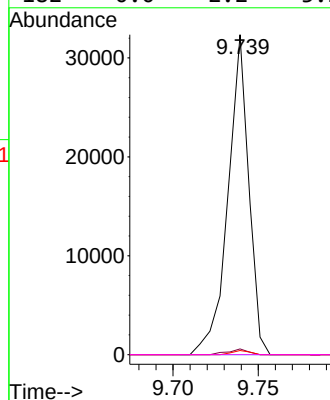
Ion Ratio Lower Upper

165 100

63 1.8 39.8 59.6#

89 1.3 60.2 90.2#

182 0.0 2.2 3.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.227 min Scan# 1520

Delta R.T. -0.006 min

Lab File: BF129012.D

Acq: 26 Jun 2022 18:56

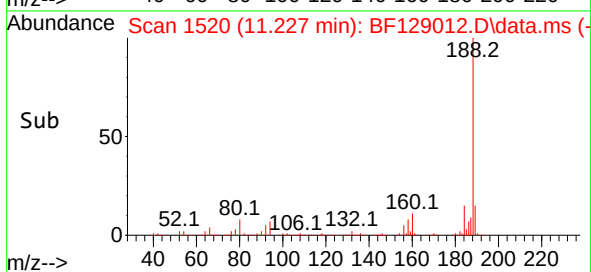
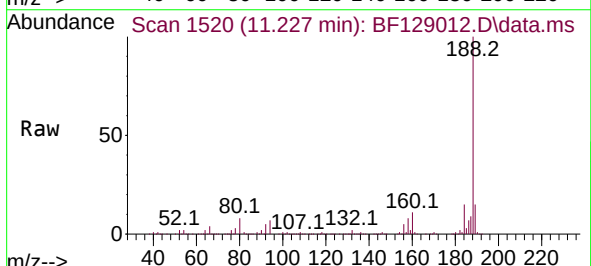
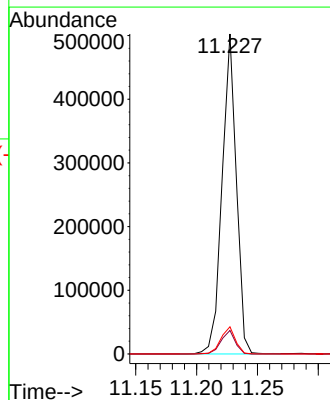
Tgt Ion:188 Resp: 410683

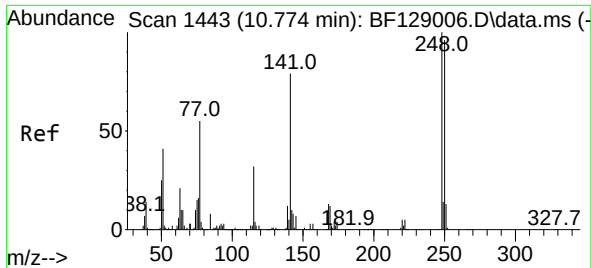
Ion Ratio Lower Upper

188 100

94 7.4 7.0 10.6

80 8.5 7.6 11.4

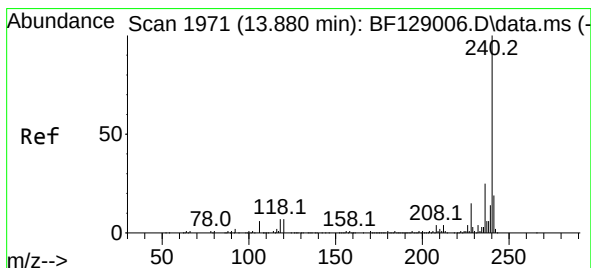
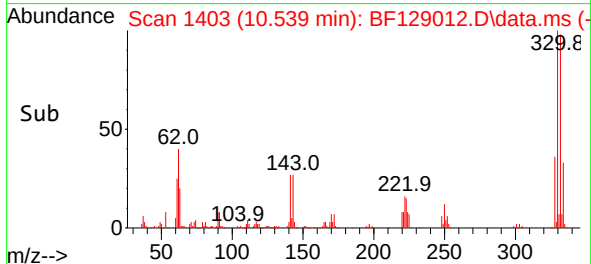
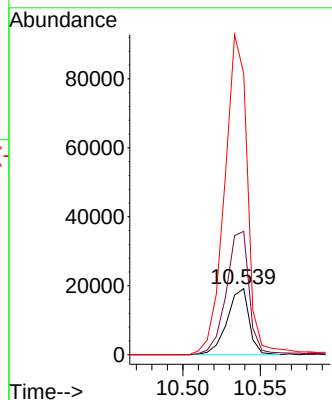
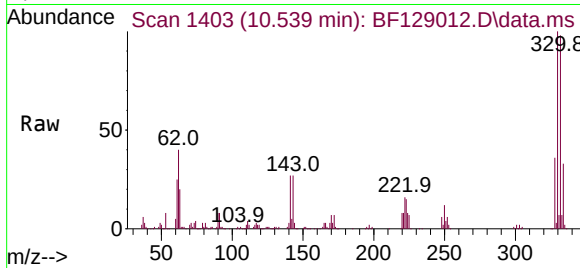




#67
4-Bromophenyl-phenylether
Concen: 4.201 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.235 min
Lab File: BF129012.D
Acq: 26 Jun 2022 18:56

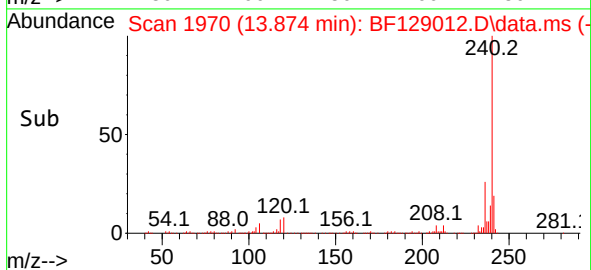
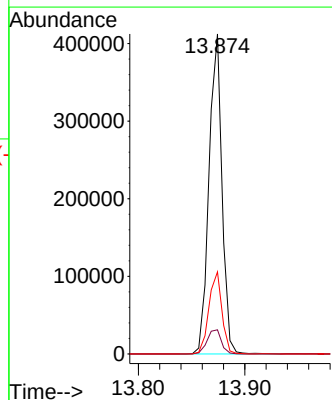
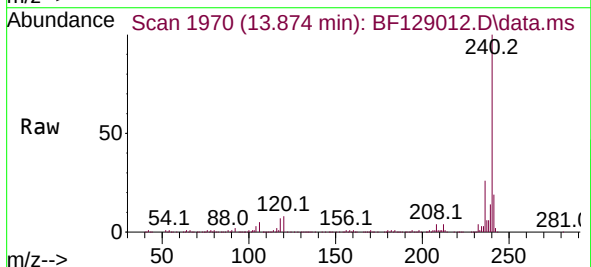
Instrument :
BNA_F
ClientSampleId :
PB1457801TB

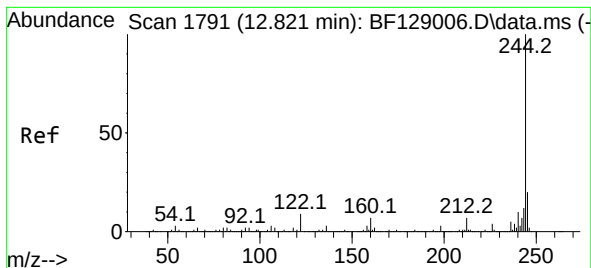
Tgt Ion:248 Resp: 18932
Ion Ratio Lower Upper
248 100
250 186.6 80.6 120.8#
141 424.7 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BF129012.D
Acq: 26 Jun 2022 18:56

Tgt Ion:240 Resp: 350193
Ion Ratio Lower Upper
240 100
120 7.5 8.9 13.3#
236 25.6 20.8 31.2





#79

Terphenyl-d14

Concen: 85.527 ng

RT: 12.821 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129012.D

Acq: 26 Jun 2022 18:56

Instrument :

BNA_F

ClientSampleId :

PB1457801TB

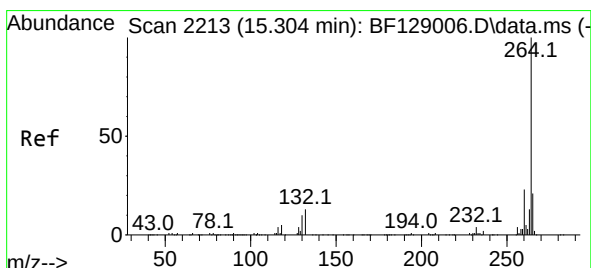
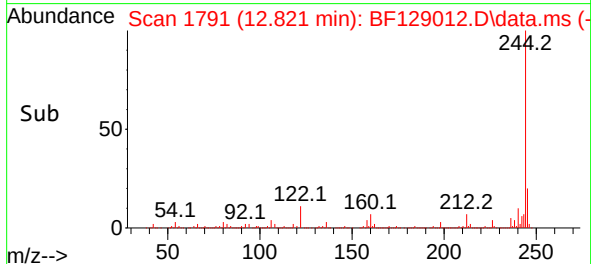
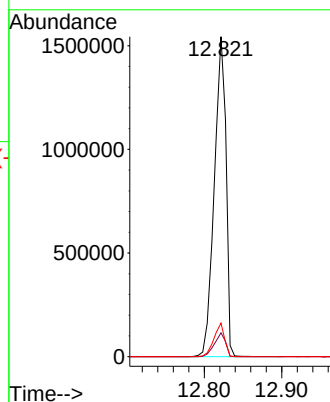
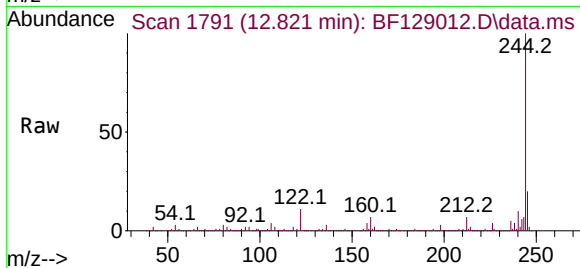
Tgt Ion:244 Resp: 1615724

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: BF129012.D

Acq: 26 Jun 2022 18:56

Tgt Ion:264 Resp: 295382

Ion Ratio Lower Upper

264 100

260 24.5 18.4 27.6

265 21.9 17.2 25.8

