

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062622\
 Data File : BF129014.D
 Acq On : 26 Jun 2022 19:55
 Operator : CG\JU
 Sample : PB145630BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145630BL

Quant Time: Jun 27 06:31:58 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)

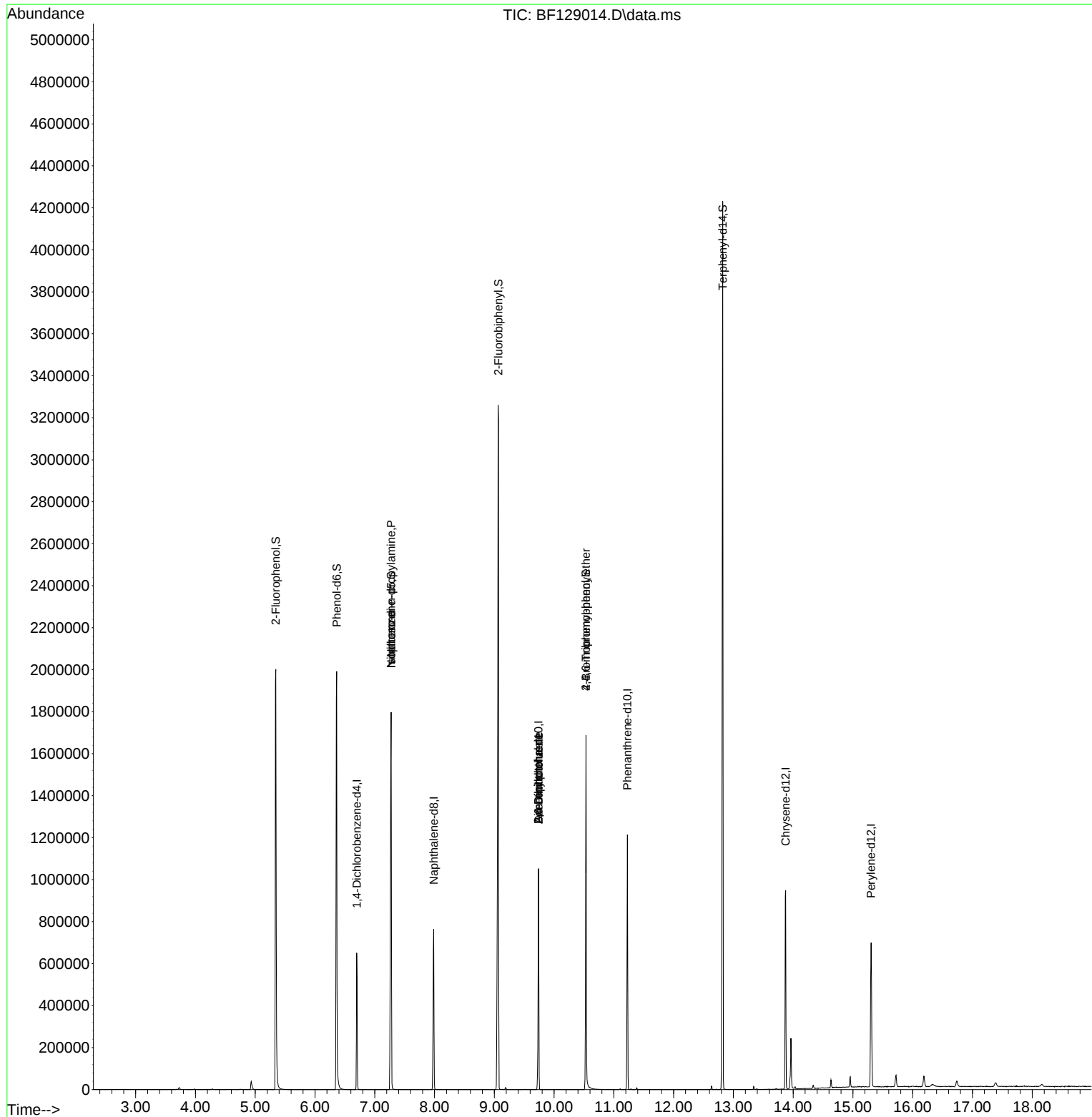
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	89344	20.000	ng	0.00
21) Naphthalene-d8	7.987	136	367031	20.000	ng	# 0.00
39) Acenaphthene-d10	9.739	164	213087	20.000	ng	0.00
64) Phenanthrene-d10	11.227	188	409730	20.000	ng	0.00
76) Chrysene-d12	13.874	240	341058	20.000	ng	# 0.00
86) Perylene-d12	15.304	264	283691	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	526100	91.416	ng	0.01
7) Phenol-d6	6.363	99	646106	96.042	ng	0.00
23) Nitrobenzene-d5	7.275	82	656087	86.057	ng	0.00
42) 2,4,6-Tribromophenol	10.533	330	195037	88.161	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	1256899	85.467	ng	0.00
79) Terphenyl-d14	12.822	244	1528428	83.073	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.275	70	92430	22.261	ng	# 77
25) Isophorone	7.275	82	653906	56.593	ng	# 65
50) Dimethylphthalate	9.739	163	38095	2.691	ng	# 1
51) 2,6-Dinitrotoluene	9.739	165	26688	9.000	ng	# 26
57) 2,4-Dinitrotoluene	9.739	165	26688	6.846	ng	# 21
67) 4-Bromophenyl-phenylether	10.533	248	13094	2.912	ng	# 1

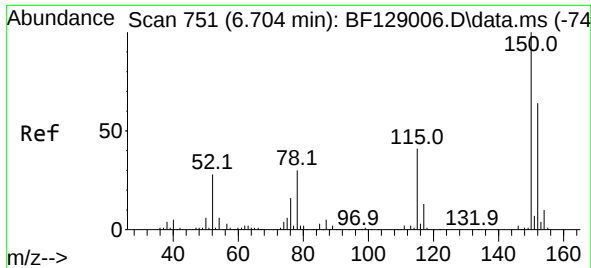
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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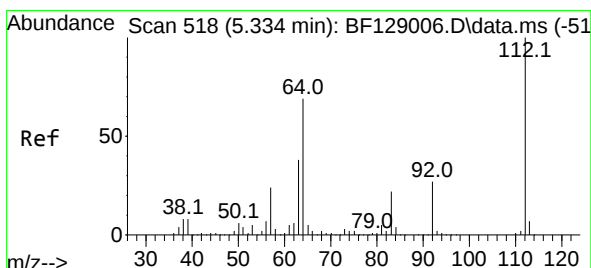
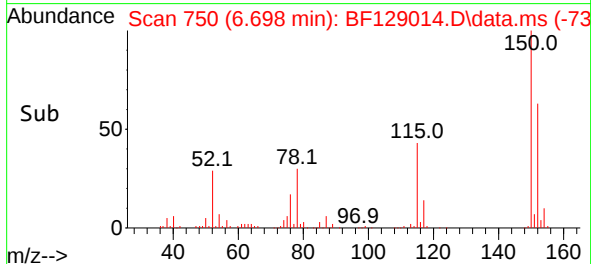
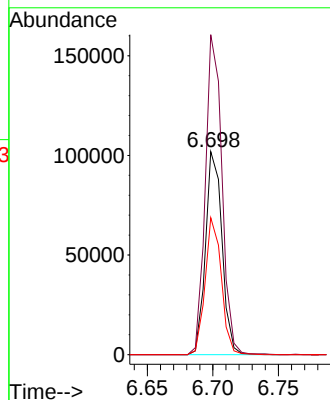
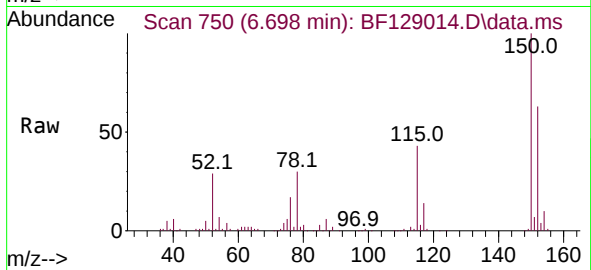




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.698 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129014.D
 Acq: 26 Jun 2022 19:55

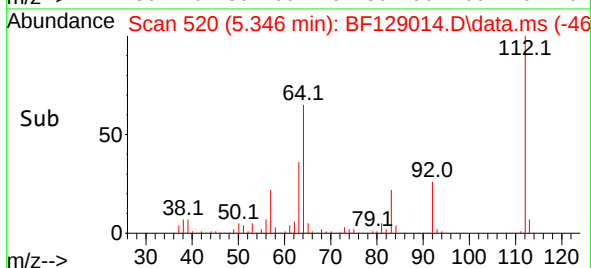
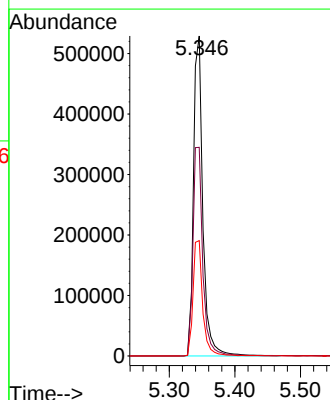
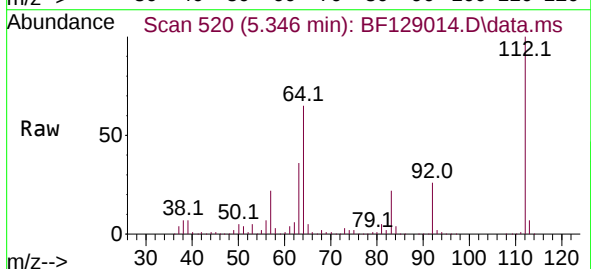
Instrument :
 BNA_F
 ClientSampleId :
 PB145630BL

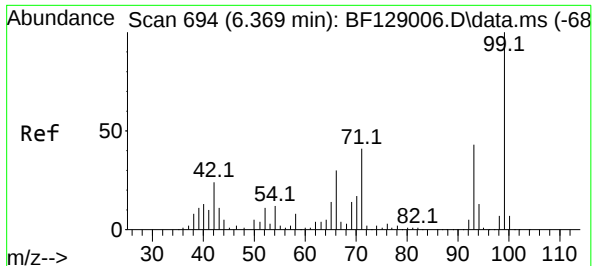
Tgt Ion:152 Resp: 89344
 Ion Ratio Lower Upper
 152 100
 150 157.6 123.7 185.5
 115 67.5 49.9 74.9



#5
 2-Fluorophenol
 Concen: 91.416 ng
 RT: 5.346 min Scan# 520
 Delta R.T. 0.012 min
 Lab File: BF129014.D
 Acq: 26 Jun 2022 19:55

Tgt Ion:112 Resp: 526100
 Ion Ratio Lower Upper
 112 100
 64 65.2 53.3 79.9
 63 36.1 28.0 42.0

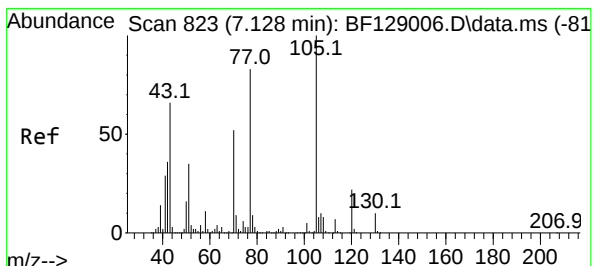
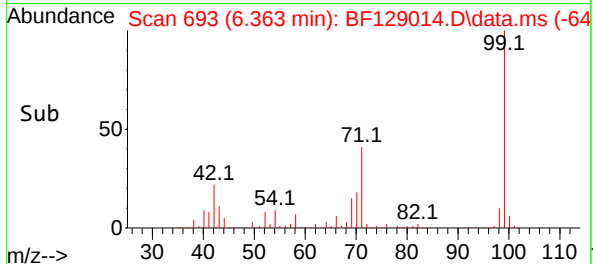
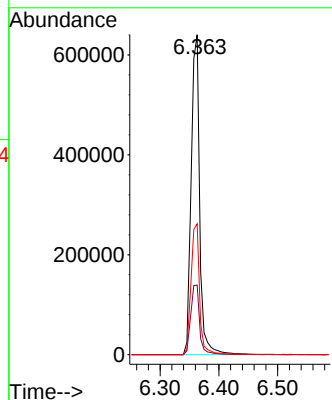
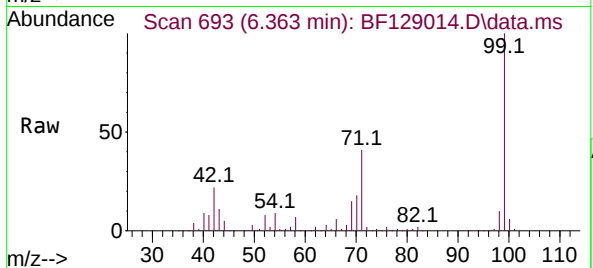




#7
Phenol-d6
Concen: 96.042 ng
RT: 6.363 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF129014.D
Acq: 26 Jun 2022 19:55

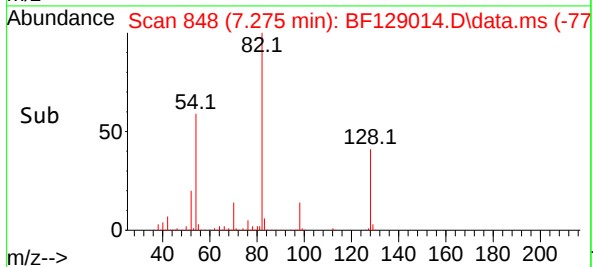
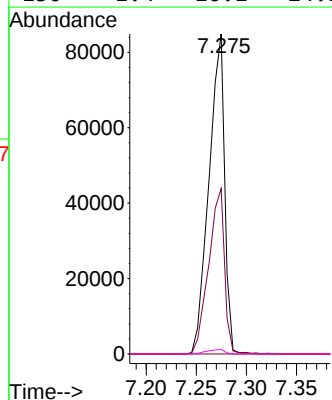
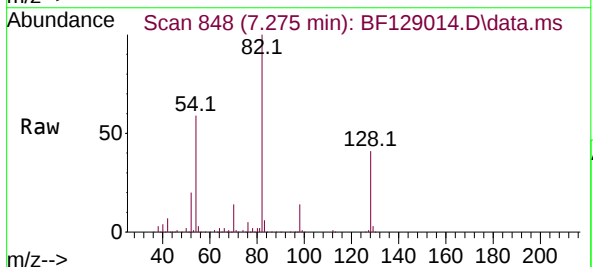
Instrument :
BNA_F
ClientSampleId :
PB145630BL

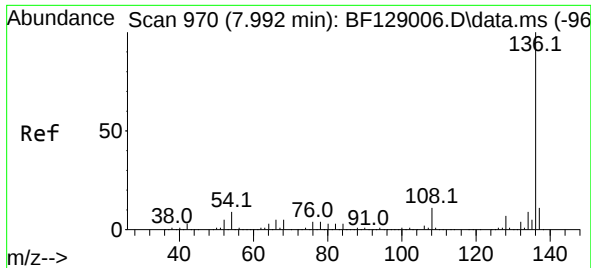
Tgt Ion: 99 Resp: 646106
Ion Ratio Lower Upper
99 100
42 21.7 17.3 25.9
71 40.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 22.261 ng
RT: 7.275 min Scan# 848
Delta R.T. 0.147 min
Lab File: BF129014.D
Acq: 26 Jun 2022 19:55

Tgt Ion: 70 Resp: 92430
Ion Ratio Lower Upper
70 100
42 51.7 52.3 78.5#
101 0.0 7.5 11.3#
130 1.4 16.1 24.1#

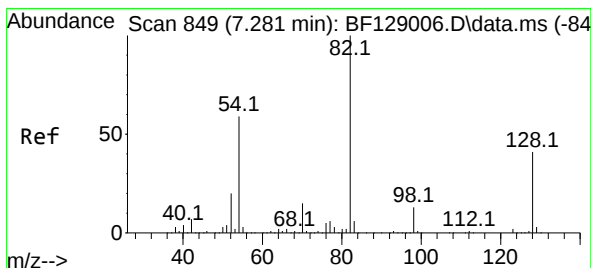
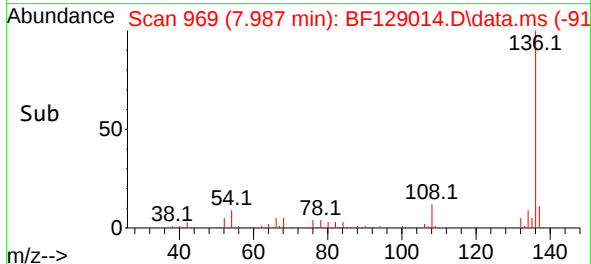
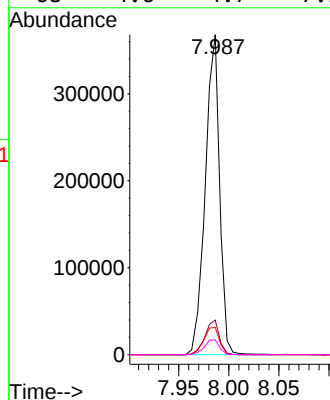
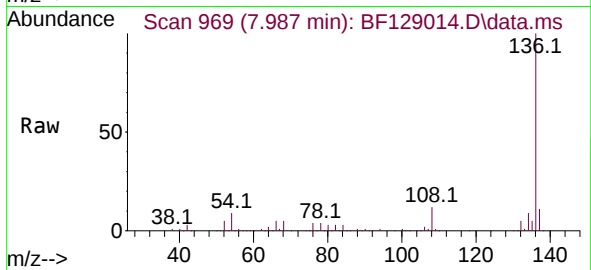




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.987 min Scan# 91
Delta R.T. -0.005 min
Lab File: BF129014.D
Acq: 26 Jun 2022 19:55

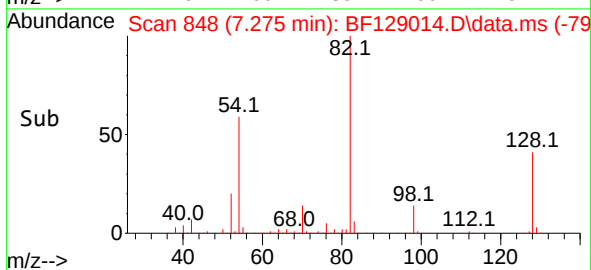
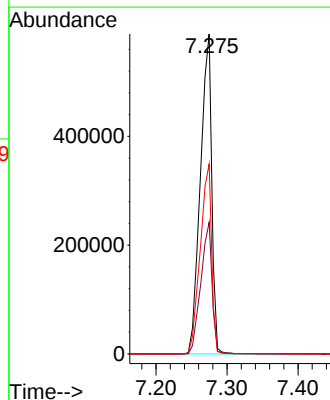
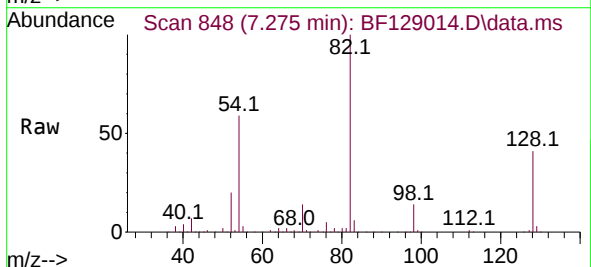
Instrument :
BNA_F
ClientSampleId :
PB145630BL

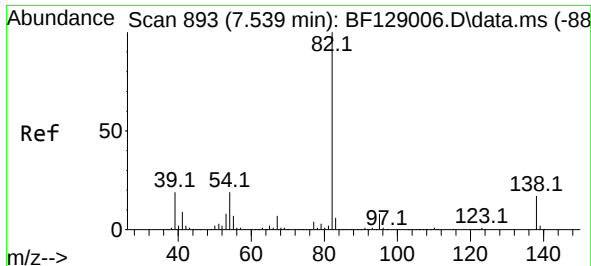
Tgt Ion:136 Resp: 367031
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.5 7.5 11.3
68 4.6 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 86.057 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF129014.D
Acq: 26 Jun 2022 19:55

Tgt Ion: 82 Resp: 656087
Ion Ratio Lower Upper
82 100
128 41.2 34.0 51.0
54 59.4 46.9 70.3

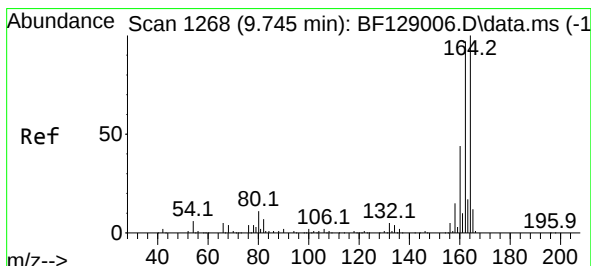
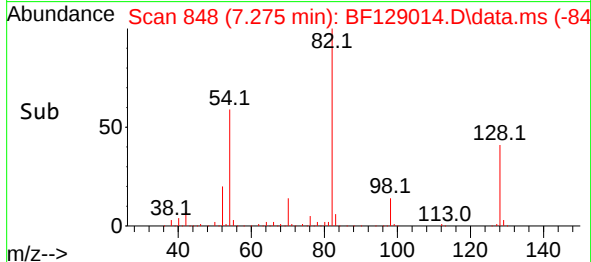
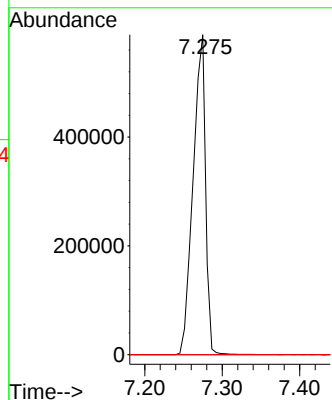
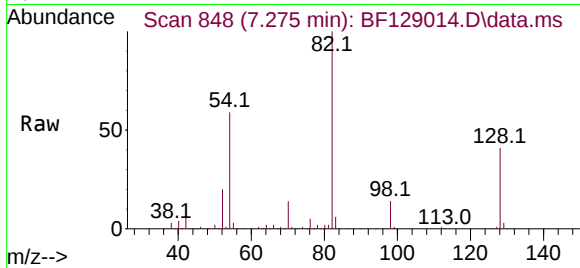




#25
Isophorone
Concen: 56.593 ng
RT: 7.275 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF129014.D
Acq: 26 Jun 2022 19:55

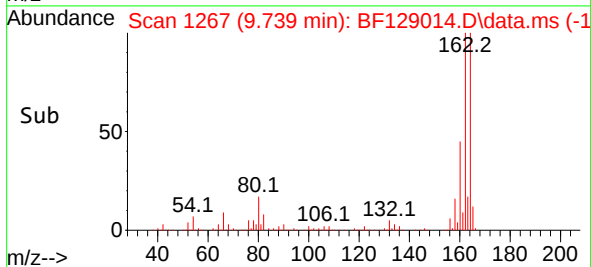
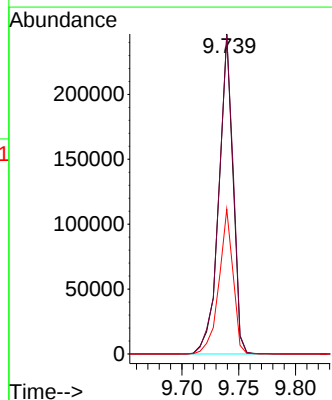
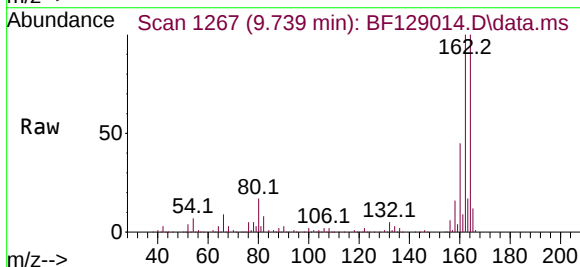
Instrument :
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ClientSampleId :
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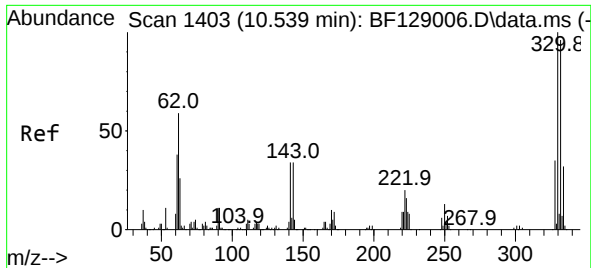
Tgt Ion: 82 Resp: 653906
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.739 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BF129014.D
Acq: 26 Jun 2022 19:55

Tgt Ion:164 Resp: 213087
Ion Ratio Lower Upper
164 100
162 99.6 79.5 119.3
160 45.2 34.2 51.4

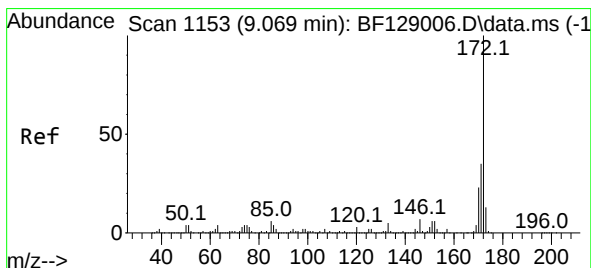
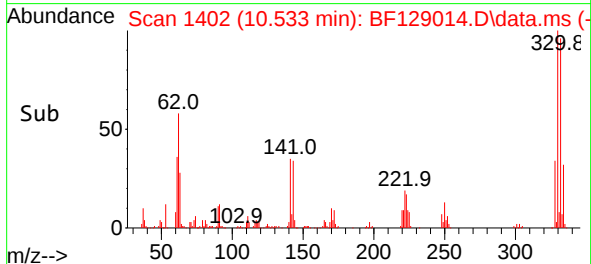
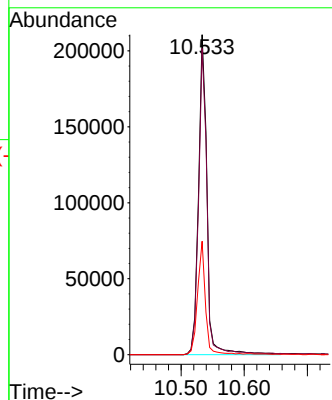
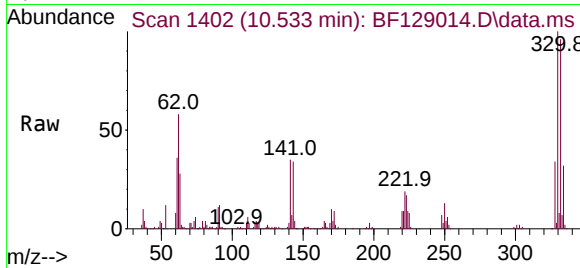




#42
 2,4,6-Tribromophenol
 Concen: 88.161 ng
 RT: 10.533 min Scan# 1402
 Delta R.T. -0.006 min
 Lab File: BF129014.D
 Acq: 26 Jun 2022 19:55

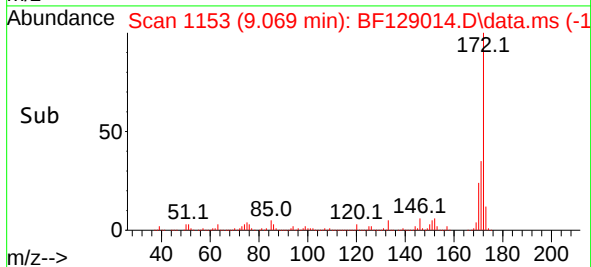
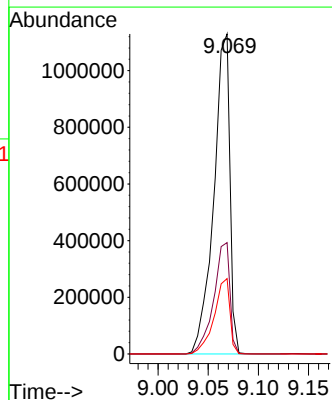
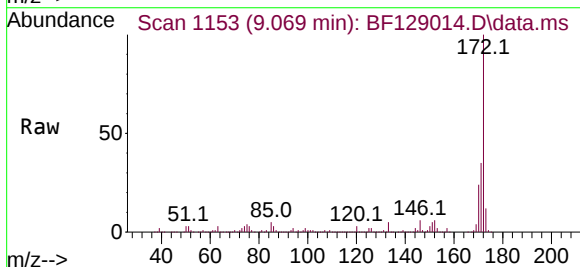
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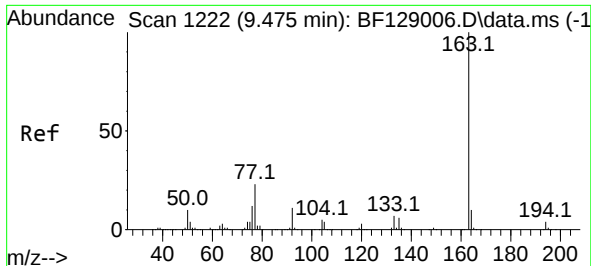
Tgt Ion:330 Resp: 195037
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.8 115.2
 141 33.0 28.0 42.0



#45
 2-Fluorobiphenyl
 Concen: 85.467 ng
 RT: 9.069 min Scan# 1153
 Delta R.T. 0.000 min
 Lab File: BF129014.D
 Acq: 26 Jun 2022 19:55

Tgt Ion:172 Resp: 1256899
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.8 43.2
 170 23.6 19.8 29.8

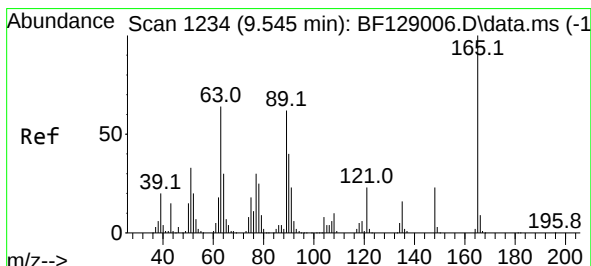
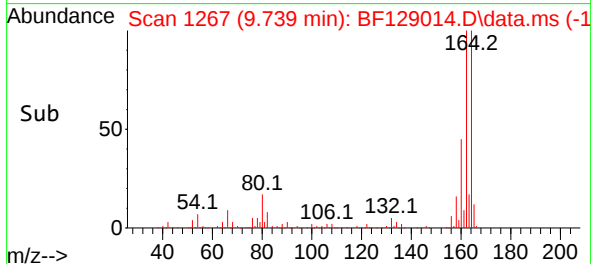
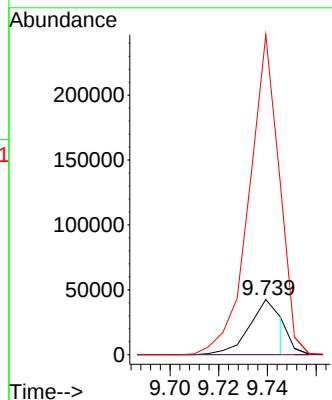
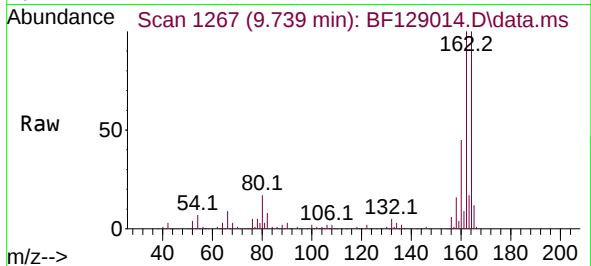




#50
Dimethylphthalate
Concen: 2.691 ng
RT: 9.739 min Scan# 1267
Delta R.T. 0.265 min
Lab File: BF129014.D
Acq: 26 Jun 2022 19:55

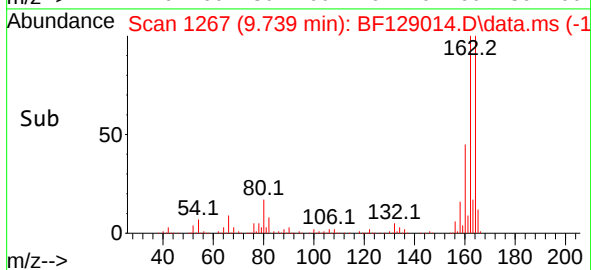
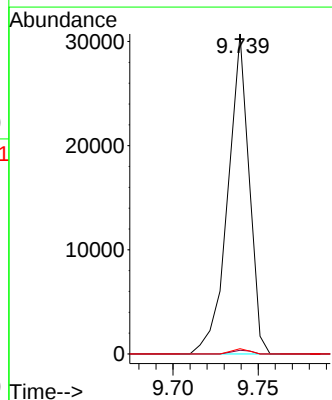
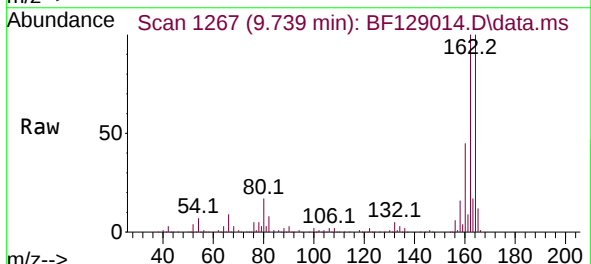
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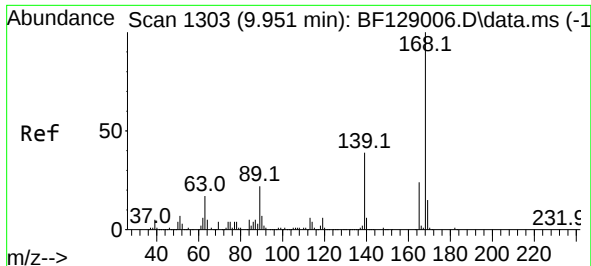
Tgt Ion:163 Resp: 38095
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 579.5 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.000 ng
RT: 9.739 min Scan# 1267
Delta R.T. 0.194 min
Lab File: BF129014.D
Acq: 26 Jun 2022 19:55

Tgt Ion:165 Resp: 26688
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 1.6 43.6 65.4#





#57

2,4-Dinitrotoluene

Concen: 6.846 ng

RT: 9.739 min Scan# 1

Delta R.T. -0.212 min

Lab File: BF129014.D

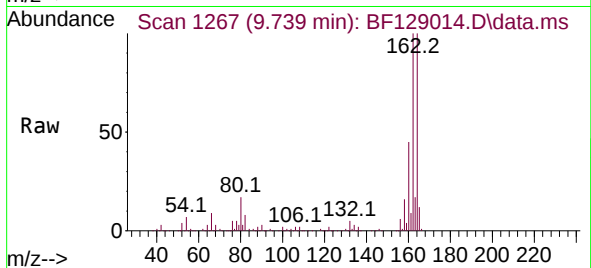
Acq: 26 Jun 2022 19:55

Instrument :

BNA_F

ClientSampleId :

PB145630BL



Tgt Ion:165 Resp: 26688

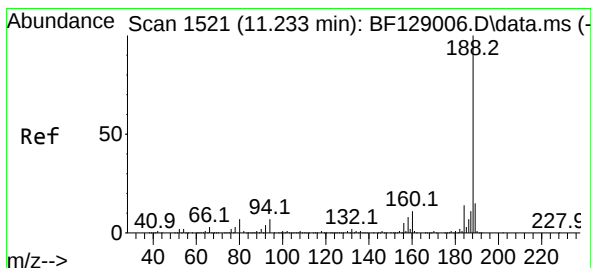
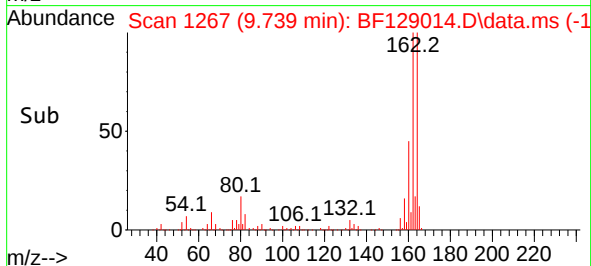
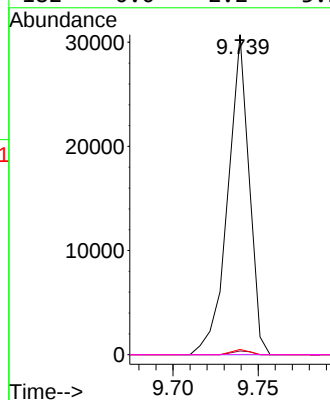
Ion Ratio Lower Upper

165 100

63 1.2 39.8 59.6#

89 1.6 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: BF129014.D

Acq: 26 Jun 2022 19:55

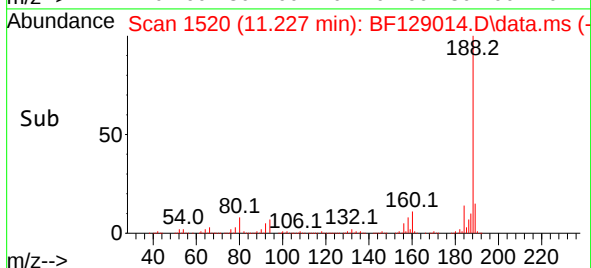
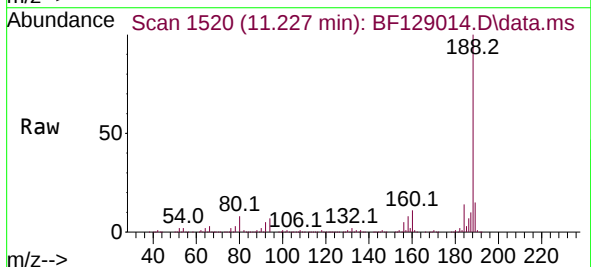
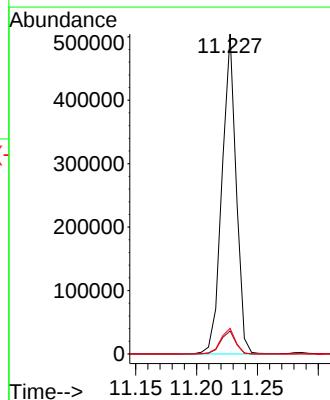
Tgt Ion:188 Resp: 409730

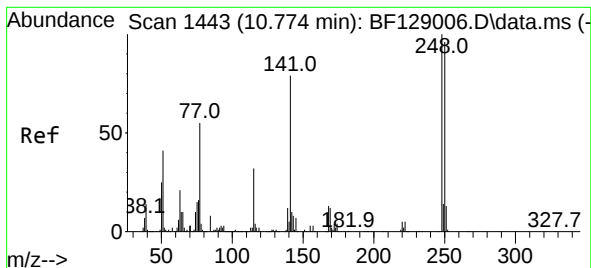
Ion Ratio Lower Upper

188 100

94 7.2 7.0 10.6

80 8.0 7.6 11.4

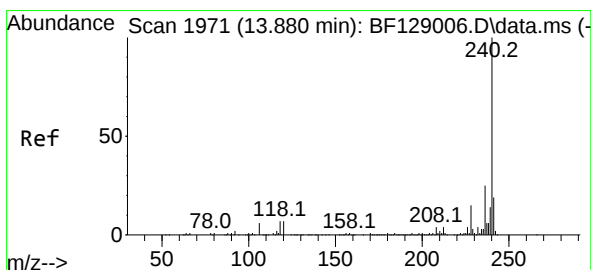
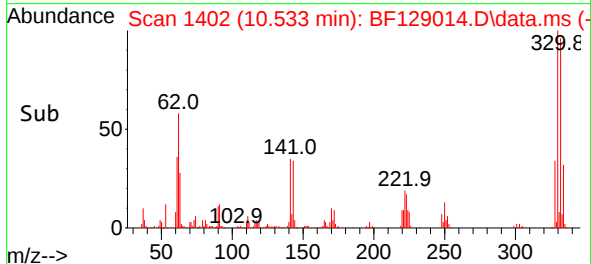
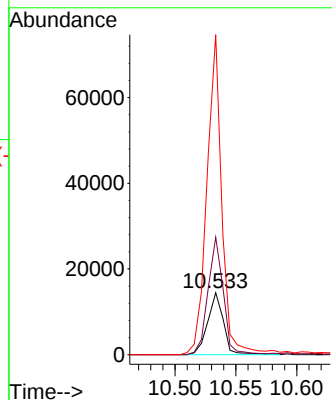
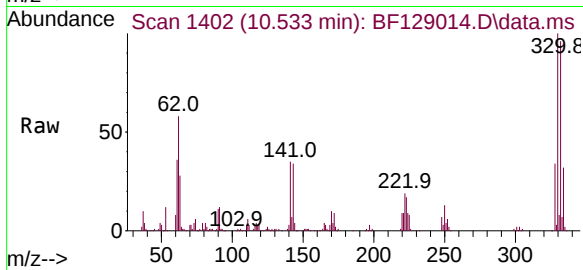




#67
4-Bromophenyl-phenylether
Concen: 2.912 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF129014.D
Acq: 26 Jun 2022 19:55

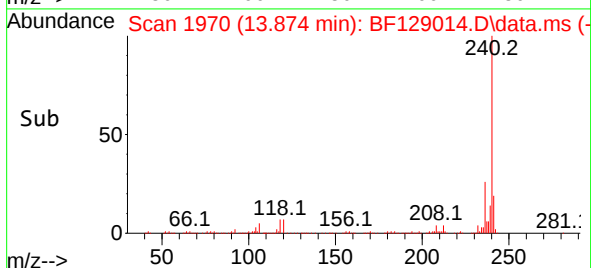
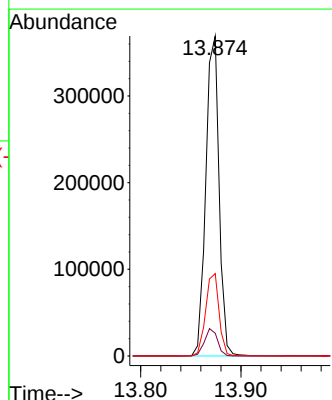
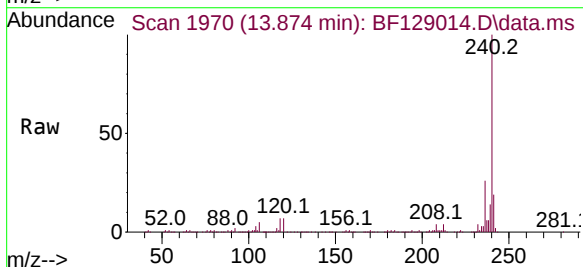
Instrument :
BNA_F
ClientSampleId :
PB145630BL

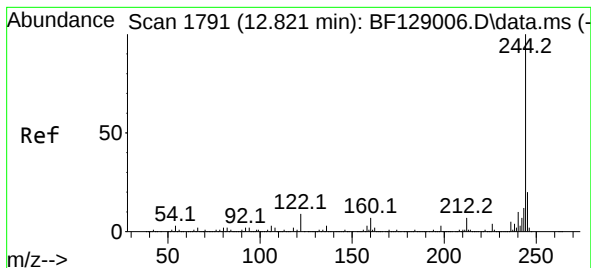
Tgt Ion:248 Resp: 13094
Ion Ratio Lower Upper
248 100
250 189.8 80.6 120.8#
141 517.1 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BF129014.D
Acq: 26 Jun 2022 19:55

Tgt Ion:240 Resp: 341058
Ion Ratio Lower Upper
240 100
120 7.1 8.9 13.3#
236 25.7 20.8 31.2





#79

Terphenyl-d14

Concen: 83.073 ng

RT: 12.822 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129014.D

Acq: 26 Jun 2022 19:55

Instrument :

BNA_F

ClientSampleId :

PB145630BL

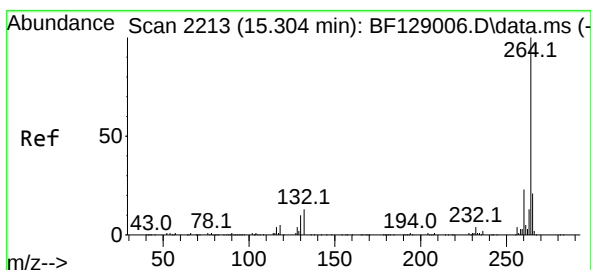
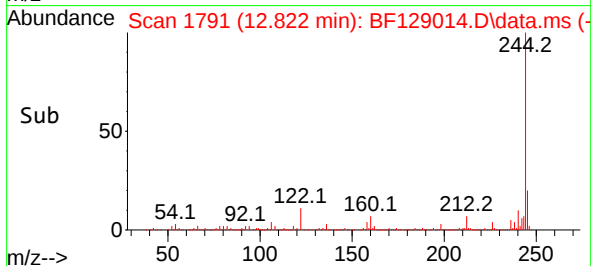
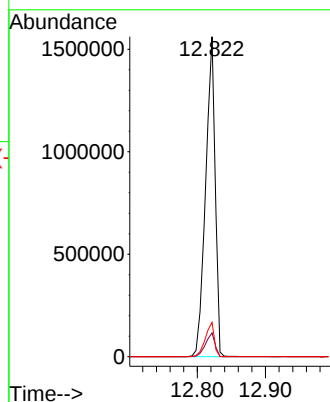
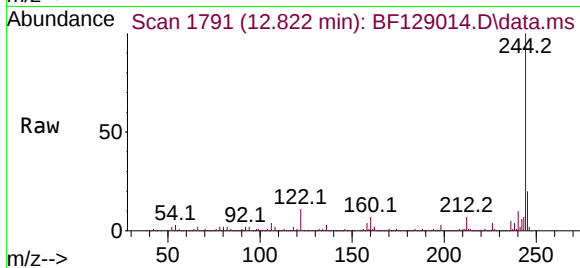
Tgt Ion:244 Resp: 1528428

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 10.7 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: BF129014.D

Acq: 26 Jun 2022 19:55

Tgt Ion:264 Resp: 283691

Ion Ratio Lower Upper

264 100

260 24.4 18.4 27.6

265 21.7 17.2 25.8

