

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062722\
 Data File : BF129024.D
 Acq On : 27 Jun 2022 11:39
 Operator : CG\JU
 Sample : PB145632BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145632BL

Quant Time: Jun 28 06:54:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 28 06:51:48 2022
 Response via : Initial Calibration

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

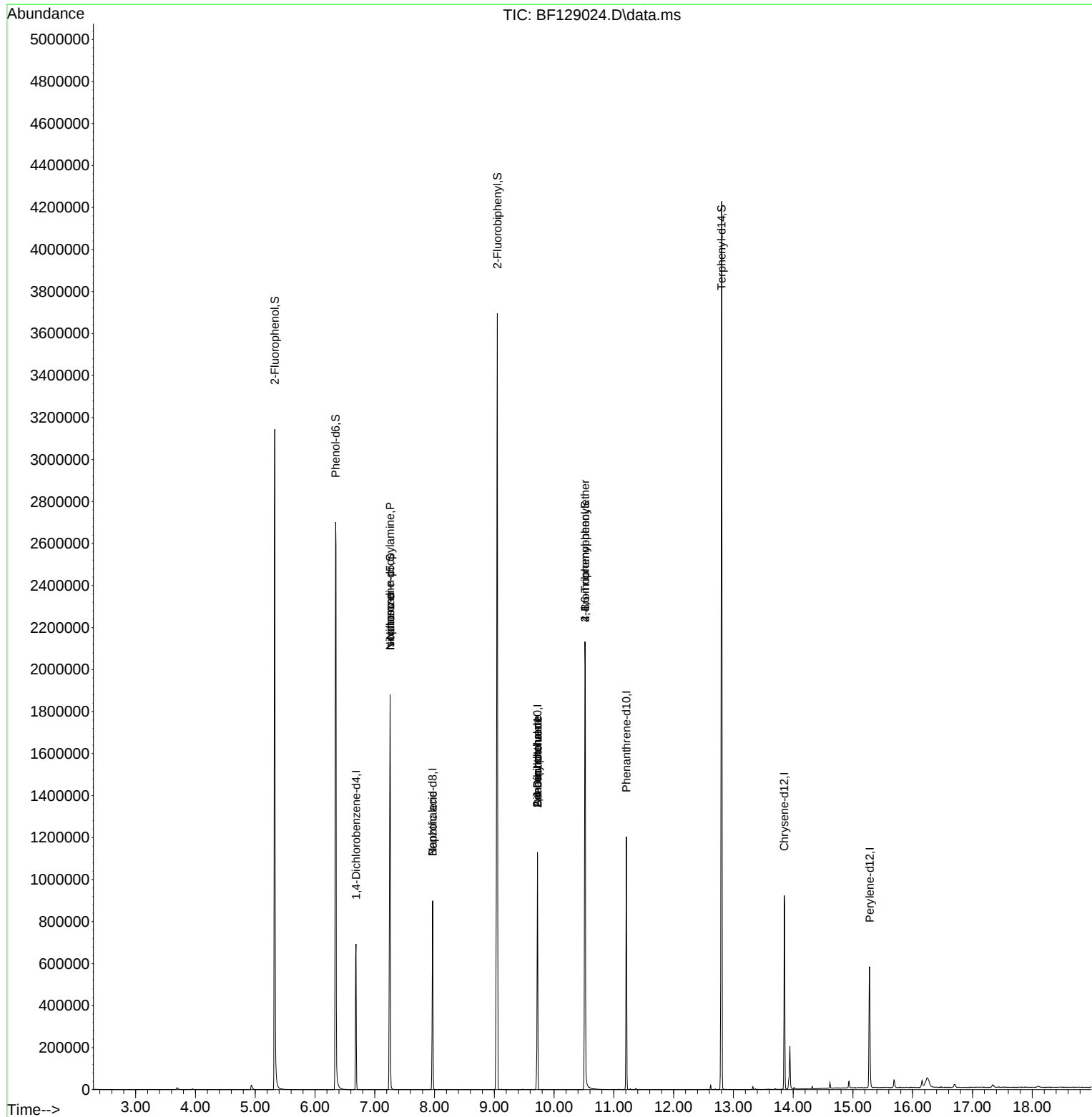
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.686	152	100797	20.000	ng	0.00
21) Naphthalene-d8	7.969	136	386958	20.000	ng	0.00
39) Acenaphthene-d10	9.722	164	219972	20.000	ng	0.00
64) Phenanthrene-d10	11.210	188	420316	20.000	ng	0.00
76) Chrysene-d12	13.851	240	331373	20.000	ng	0.00
86) Perylene-d12	15.280	264	258580	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	779977	120.131	ng	0.02
7) Phenol-d6	6.345	99	999405	131.678	ng	0.00
23) Nitrobenzene-d5	7.257	82	706321	87.875	ng	0.00
42) 2,4,6-Tribromophenol	10.521	330	286503	125.452	ng	0.00
45) 2-Fluorobiphenyl	9.051	172	1321554	87.050	ng	0.00
79) Terphenyl-d14	12.804	244	1571590	87.916	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.257	70	100687	21.495	ng	# 77
25) Isophorone	7.257	82	704652	57.845	ng	# 65
32) Benzoic acid	7.969	122	68	4.085	ng	# 1
50) Dimethylphthalate	9.722	163	42583	2.914	ng	# 1
51) 2,6-Dinitrotoluene	9.722	165	27751	9.066	ng	# 25
57) 2,4-Dinitrotoluene	9.722	165	27751	6.896	ng	# 21
67) 4-Bromophenyl-phenylether	10.521	248	18772	4.070	ng	# 1
77) Benzidine	12.557	184	1134	Below Cal		# 95

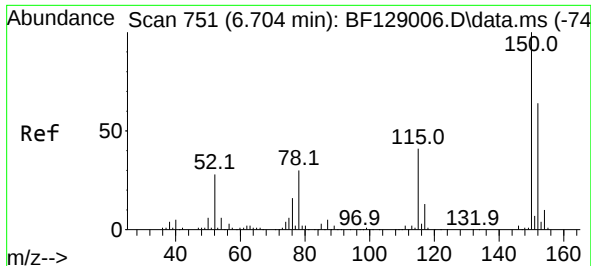
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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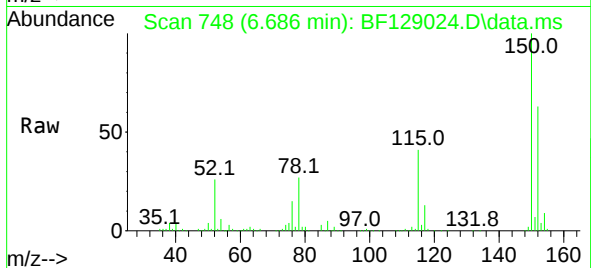
Quant Time: Jun 28 06:54:06 2022
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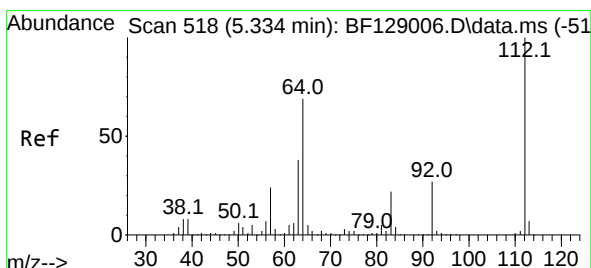
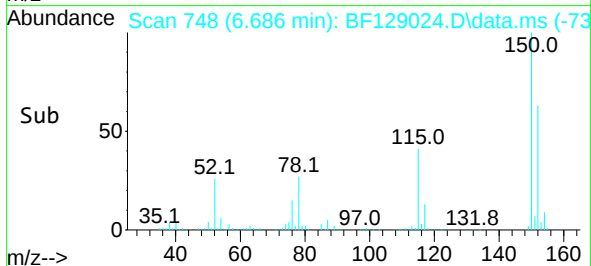
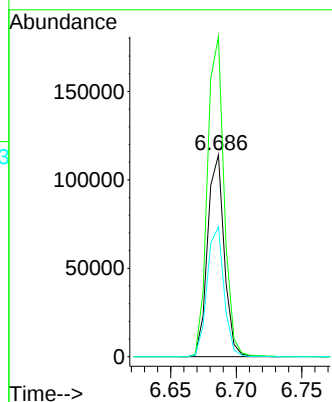


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.686 min Scan# 74
Delta R.T. -0.001 min
Lab File: BF129024.D
Acq: 27 Jun 2022 11:39

Instrument :
BNA_F
ClientSampleId :
PB145632BL

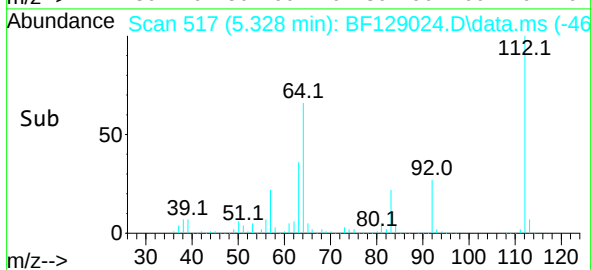
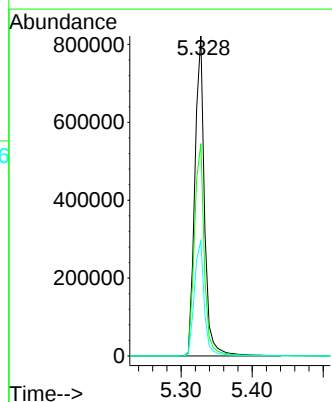
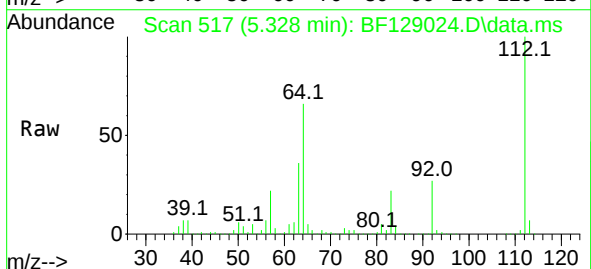


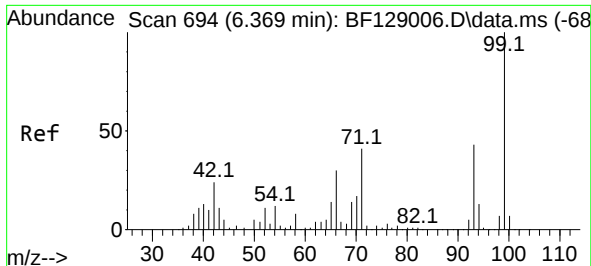
Tgt Ion:152 Resp: 100797
Ion Ratio Lower Upper
152 100
150 158.6 123.7 185.5
115 64.3 49.9 74.9



#5
2-Fluorophenol
Concen: 120.131 ng
RT: 5.328 min Scan# 517
Delta R.T. 0.017 min
Lab File: BF129024.D
Acq: 27 Jun 2022 11:39

Tgt Ion:112 Resp: 779977
Ion Ratio Lower Upper
112 100
64 66.3 53.3 79.9
63 36.0 28.0 42.0

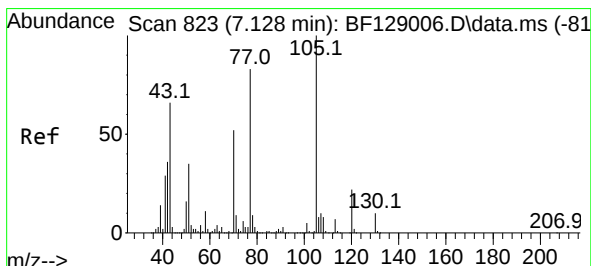
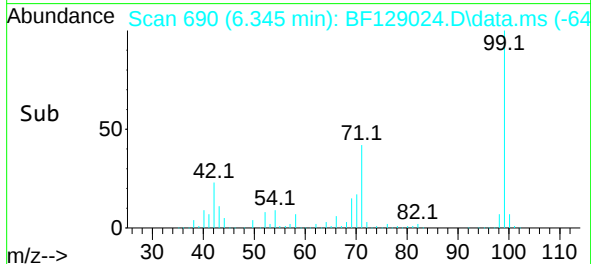
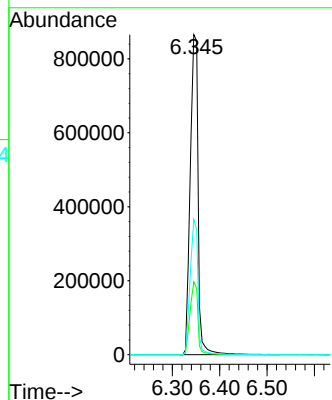
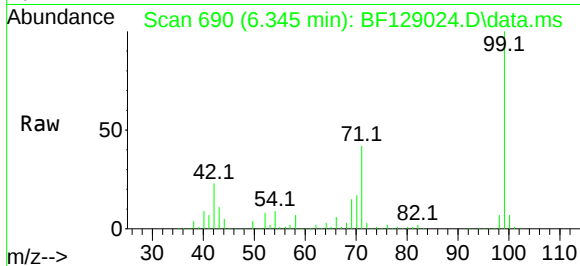




#7
Phenol-d6
Concen: 131.678 ng
RT: 6.345 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF129024.D
Acq: 27 Jun 2022 11:39

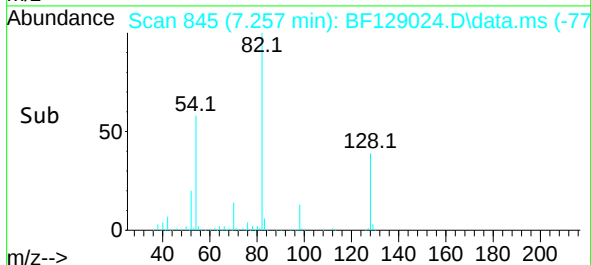
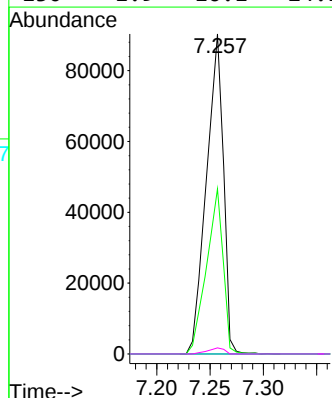
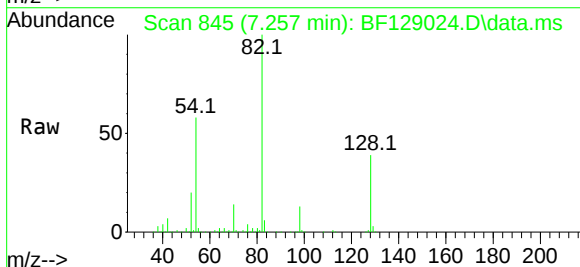
Instrument :
BNA_F
ClientSampleId :
PB145632BL

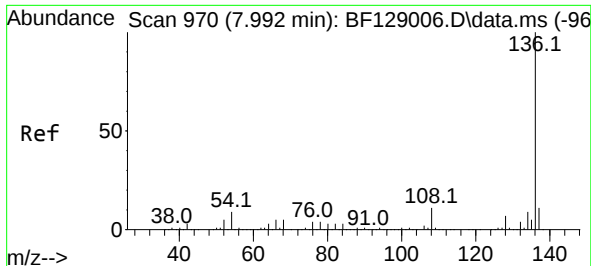
Tgt Ion: 99 Resp: 999405
Ion Ratio Lower Upper
99 100
42 22.8 17.3 25.9
71 42.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.495 ng
RT: 7.257 min Scan# 845
Delta R.T. 0.141 min
Lab File: BF129024.D
Acq: 27 Jun 2022 11:39

Tgt Ion: 70 Resp: 100687
Ion Ratio Lower Upper
70 100
42 51.6 52.3 78.5#
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#

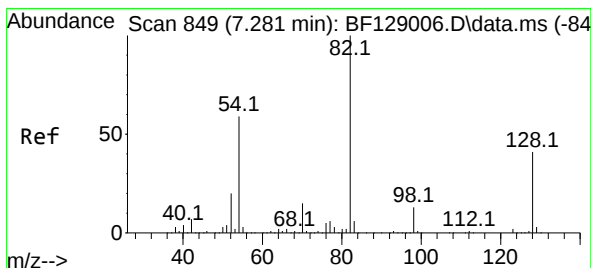
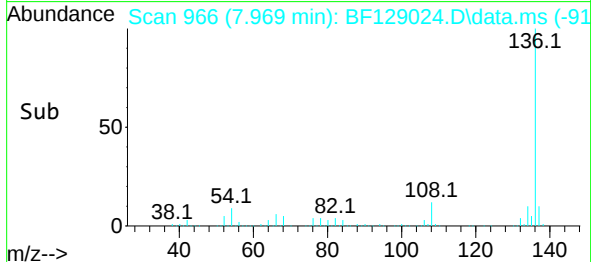
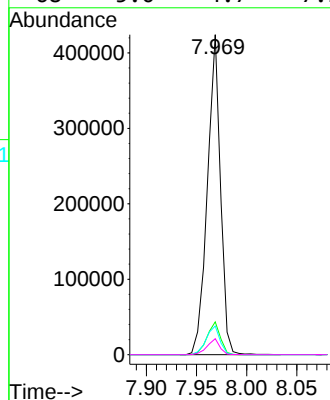
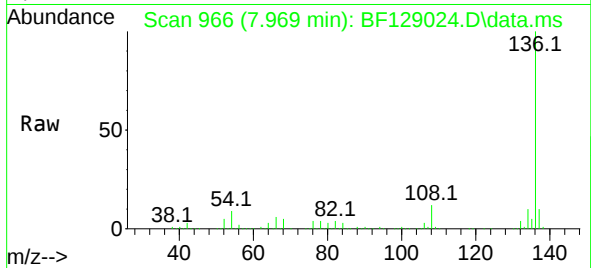




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.969 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129024.D
Acq: 27 Jun 2022 11:39

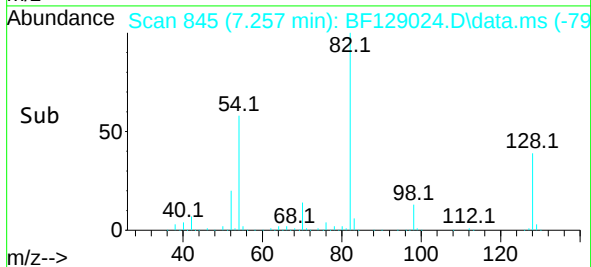
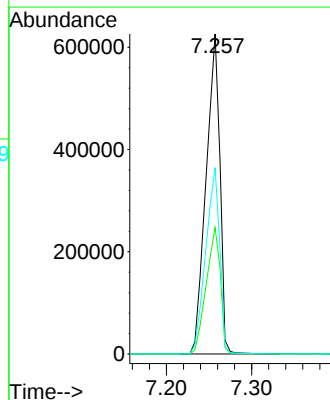
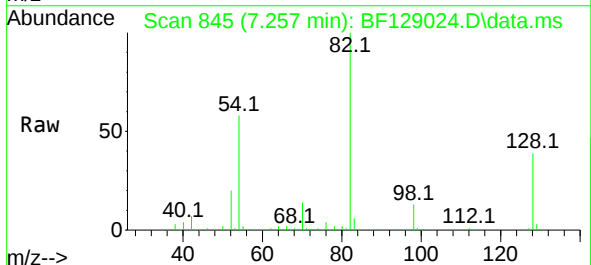
Instrument :
BNA_F
ClientSampleId :
PB145632BL

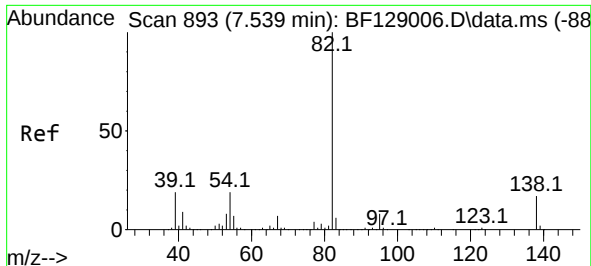
Tgt Ion:136 Resp: 386958
Ion Ratio Lower Upper
136 100
137 10.2 8.8 13.2
54 8.9 7.5 11.3
68 5.0 4.7 7.1



#23
Nitrobenzene-d5
Concen: 87.875 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF129024.D
Acq: 27 Jun 2022 11:39

Tgt Ion: 82 Resp: 706321
Ion Ratio Lower Upper
82 100
128 39.5 34.0 51.0
54 58.3 46.9 70.3

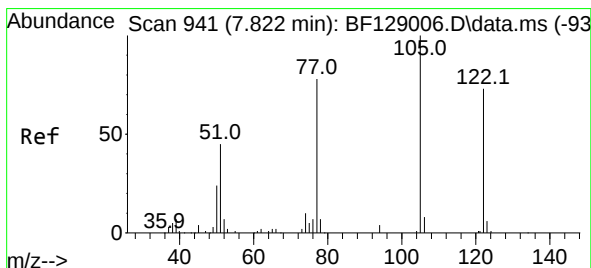
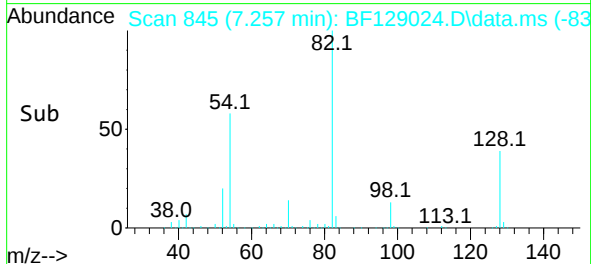
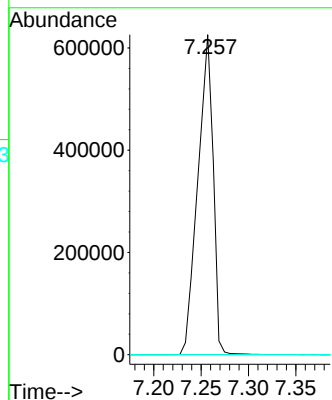
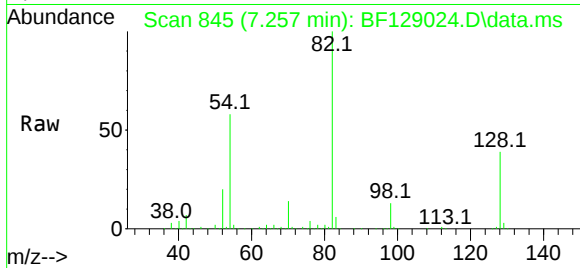




#25
Isophorone
Concen: 57.845 ng
RT: 7.257 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF129024.D
Acq: 27 Jun 2022 11:39

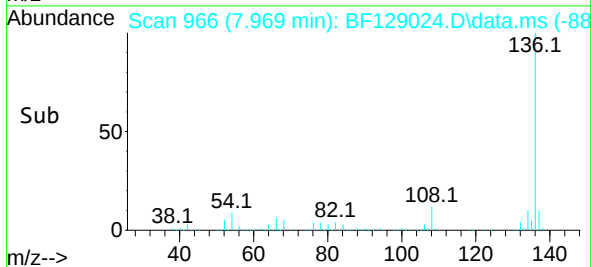
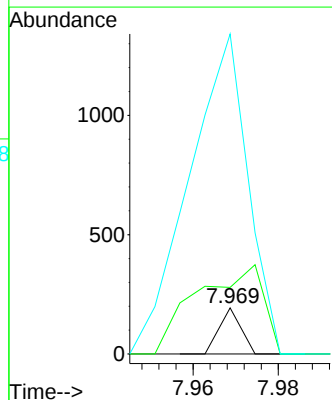
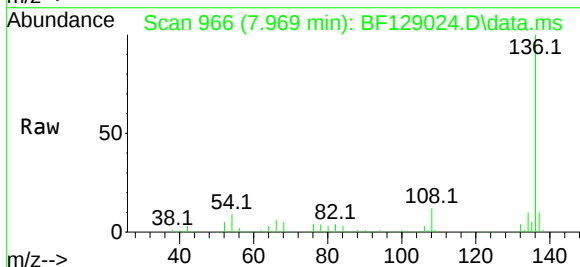
Instrument :
BNA_F
ClientSampleId :
PB145632BL

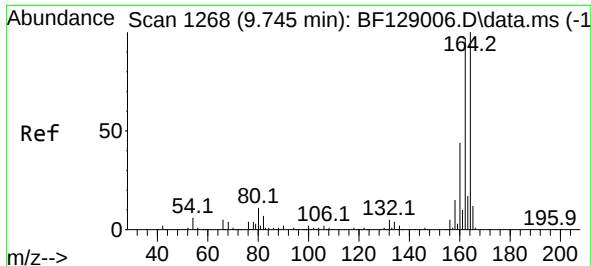
Tgt Ion: 82 Resp: 704652
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#32
Benzoic acid
Concen: 4.085 ng
RT: 7.969 min Scan# 966
Delta R.T. 0.165 min
Lab File: BF129024.D
Acq: 27 Jun 2022 11:39

Tgt Ion: 122 Resp: 68
Ion Ratio Lower Upper
122 100
105 144.6 107.1 147.1
77 694.8 74.2 114.2#

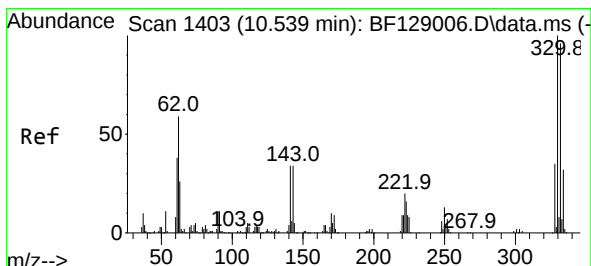
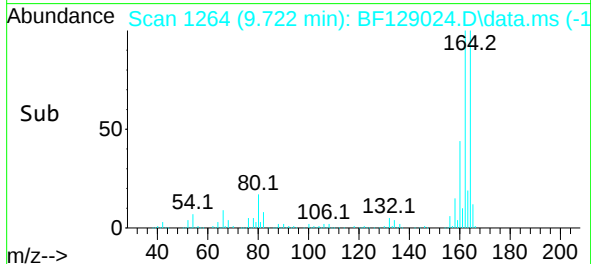
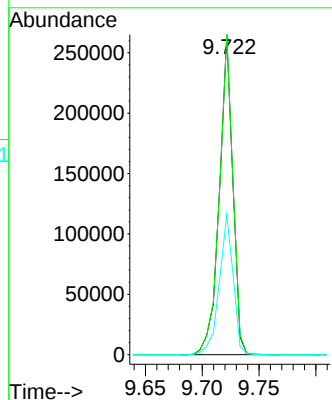
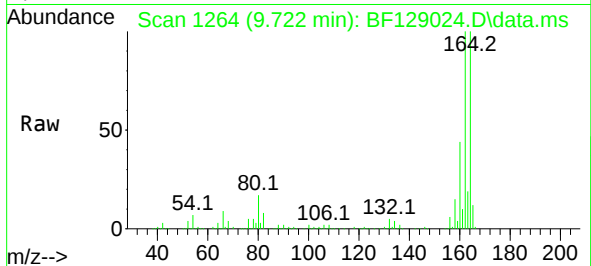




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129024.D
Acq: 27 Jun 2022 11:39

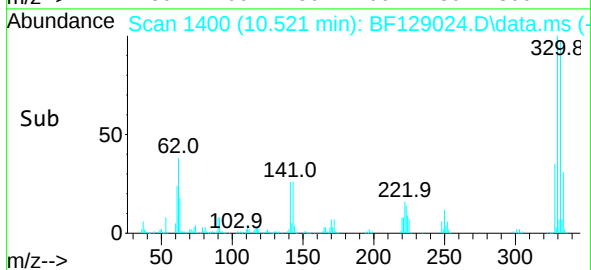
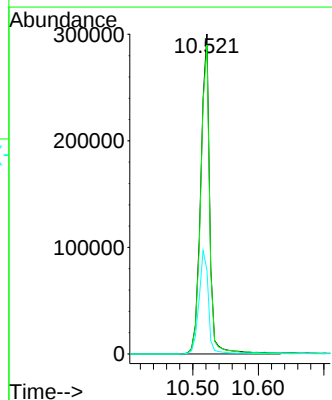
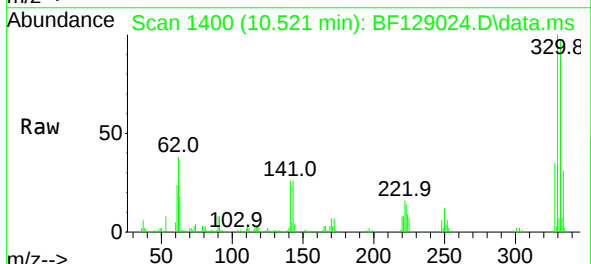
Instrument :
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ClientSampleId :
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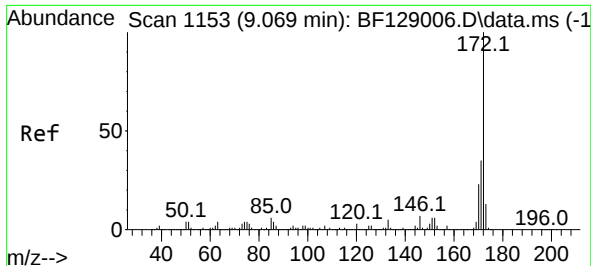
Tgt Ion:164 Resp: 219972
Ion Ratio Lower Upper
164 100
162 100.0 79.5 119.3
160 43.8 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 125.452 ng
RT: 10.521 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF129024.D
Acq: 27 Jun 2022 11:39

Tgt Ion:330 Resp: 286503
Ion Ratio Lower Upper
330 100
332 96.3 76.8 115.2
141 34.0 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 87.050 ng

RT: 9.051 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129024.D

Acq: 27 Jun 2022 11:39

Instrument :

BNA_F

ClientSampleId :

PB145632BL

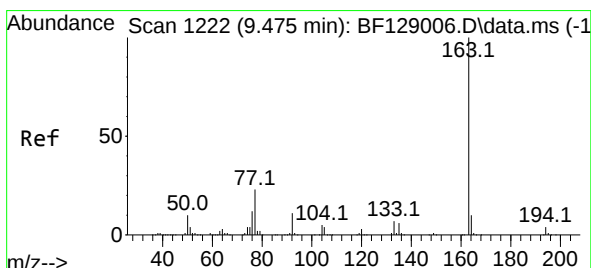
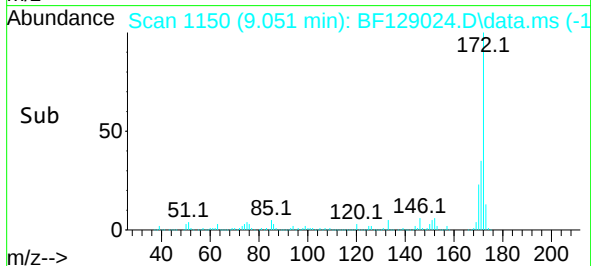
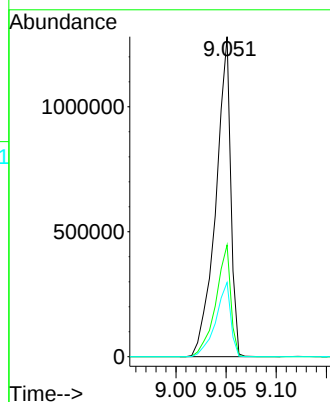
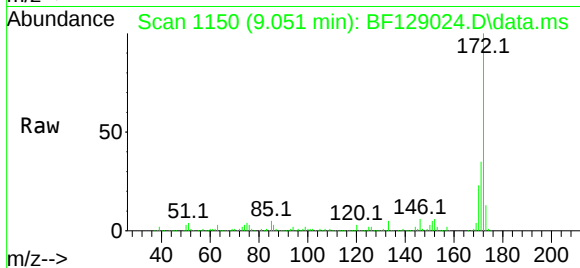
Tgt Ion:172 Resp: 1321554

Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.2 19.8 29.8



#50

Dimethylphthalate

Concen: 2.914 ng

RT: 9.722 min Scan# 1264

Delta R.T. 0.259 min

Lab File: BF129024.D

Acq: 27 Jun 2022 11:39

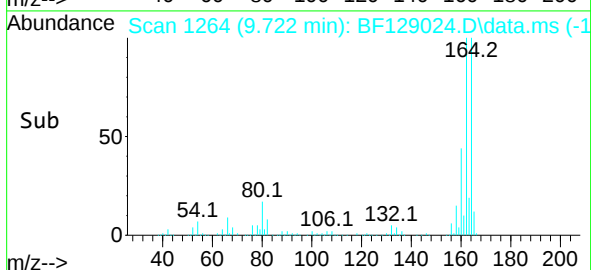
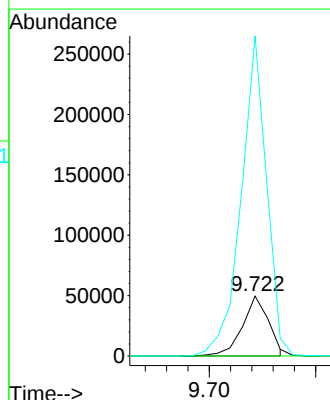
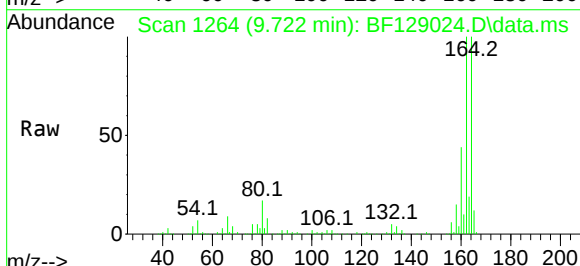
Tgt Ion:163 Resp: 42583

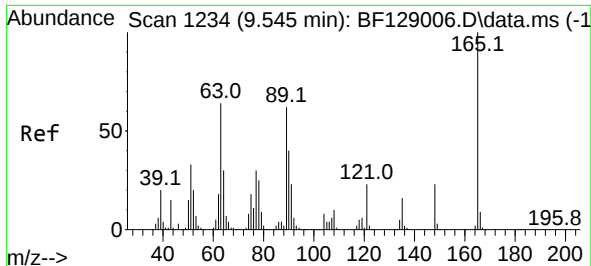
Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

164 534.0 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.066 ng

RT: 9.722 min Scan# 11

Delta R.T. 0.194 min

Lab File: BF129024.D

Acq: 27 Jun 2022 11:39

Instrument :

BNA_F

ClientSampleId :

PB145632BL

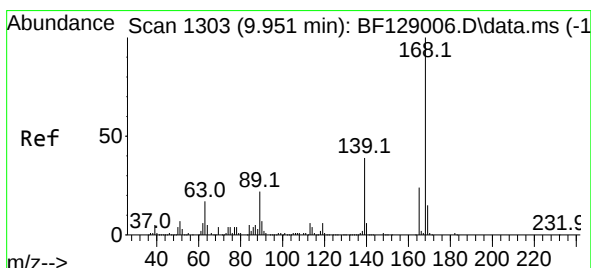
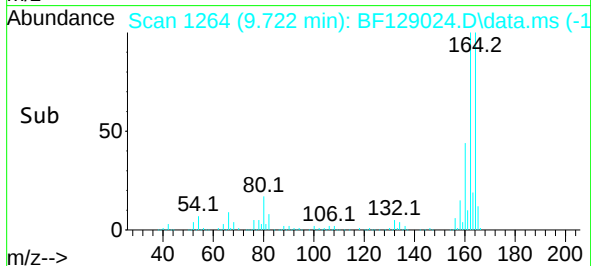
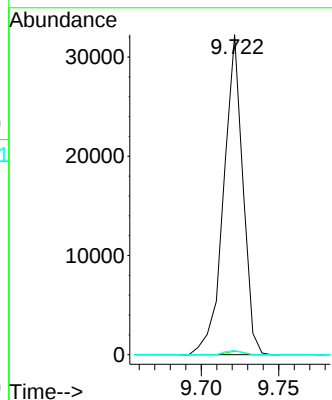
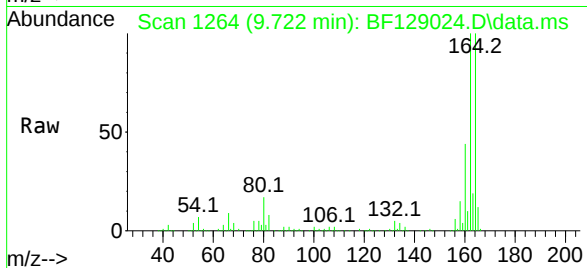
Tgt Ion:165 Resp: 27751

Ion Ratio Lower Upper

165 100

63 1.1 44.9 67.3#

89 1.3 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.896 ng

RT: 9.722 min Scan# 1264

Delta R.T. -0.212 min

Lab File: BF129024.D

Acq: 27 Jun 2022 11:39

Tgt Ion:165 Resp: 27751

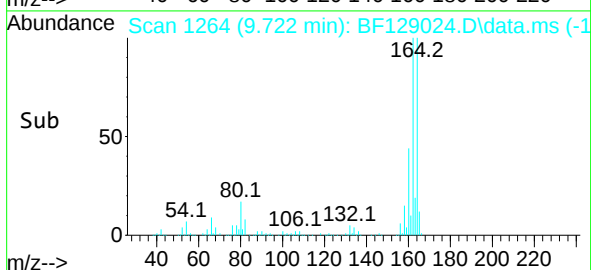
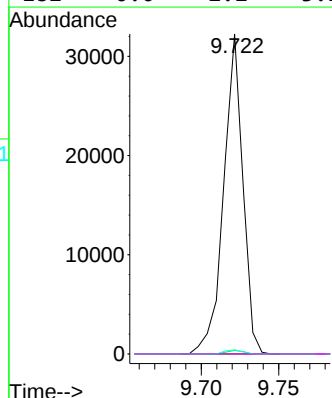
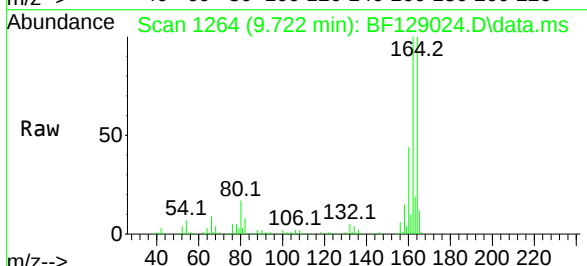
Ion Ratio Lower Upper

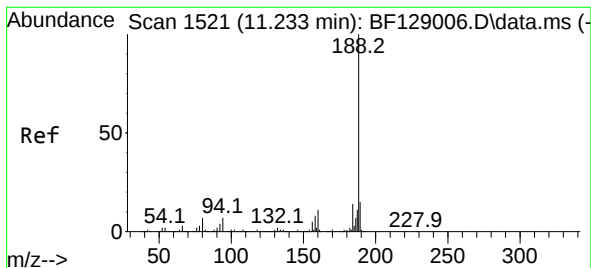
165 100

63 1.1 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: 11.210 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129024.D

Acq: 27 Jun 2022 11:39

Instrument :

BNA_F

ClientSampleId :

PB145632BL

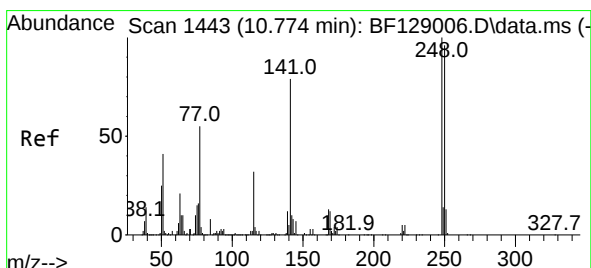
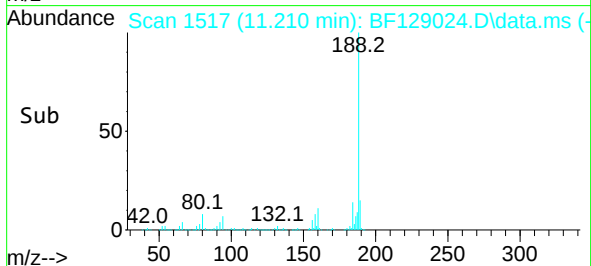
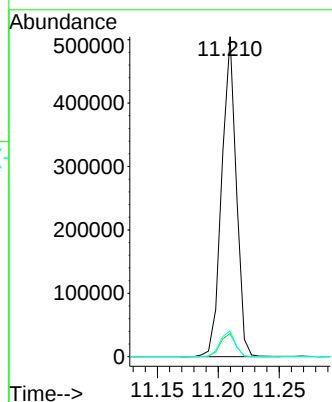
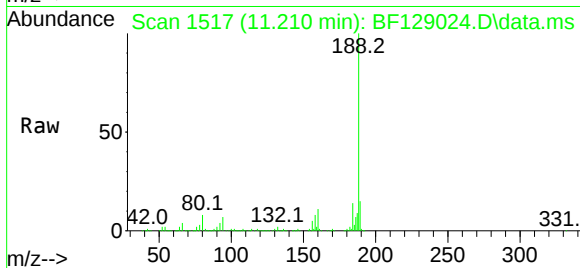
Tgt Ion:188 Resp: 420316

Ion Ratio Lower Upper

188 100

94 7.3 7.0 10.6

80 8.1 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.070 ng

RT: 10.521 min Scan# 1400

Delta R.T. -0.235 min

Lab File: BF129024.D

Acq: 27 Jun 2022 11:39

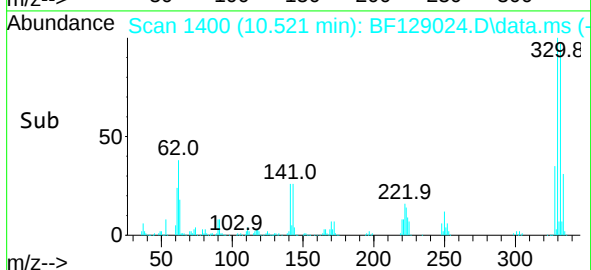
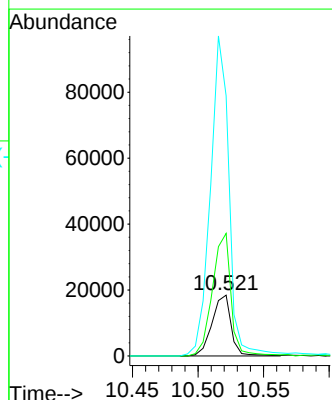
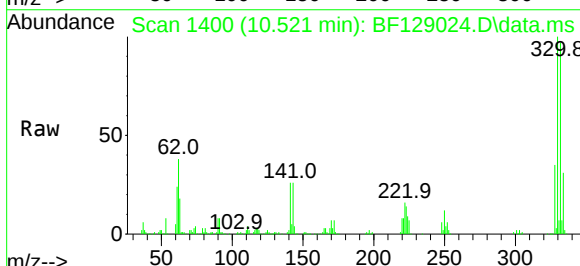
Tgt Ion:248 Resp: 18772

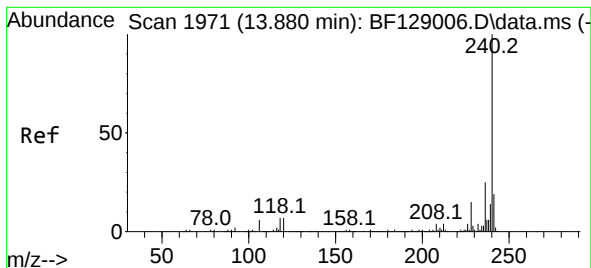
Ion Ratio Lower Upper

248 100

250 201.5 80.6 120.8#

141 427.5 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.851 min Scan# 1966

Delta R.T. -0.006 min

Lab File: BF129024.D

Acq: 27 Jun 2022 11:39

Instrument :

BNA_F

ClientSampleId :

PB145632BL

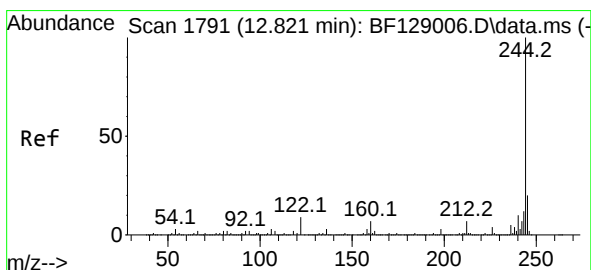
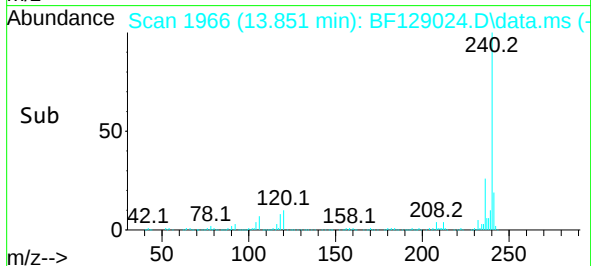
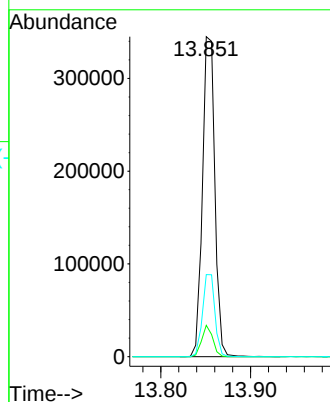
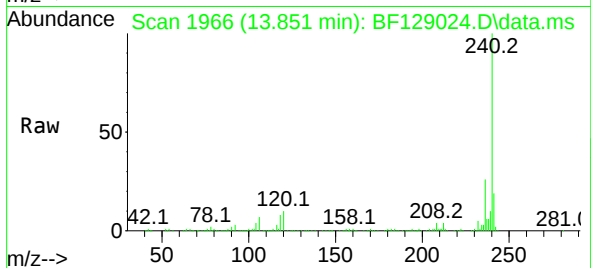
Tgt Ion:240 Resp: 331373

Ion Ratio Lower Upper

240 100

120 9.8 8.9 13.3

236 25.7 20.8 31.2



#79

Terphenyl-d14

Concen: 87.916 ng

RT: 12.804 min Scan# 1788

Delta R.T. -0.000 min

Lab File: BF129024.D

Acq: 27 Jun 2022 11:39

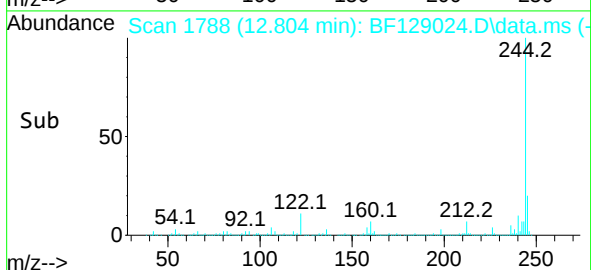
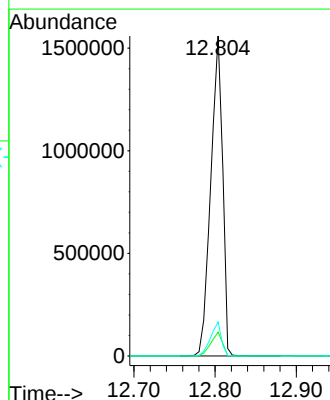
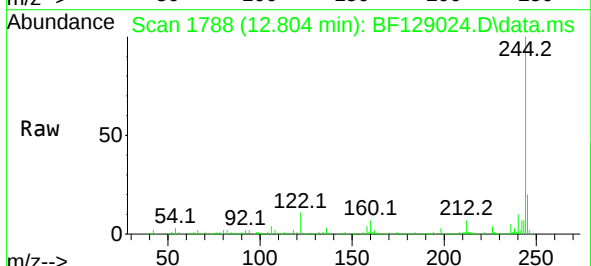
Tgt Ion:244 Resp: 1571590

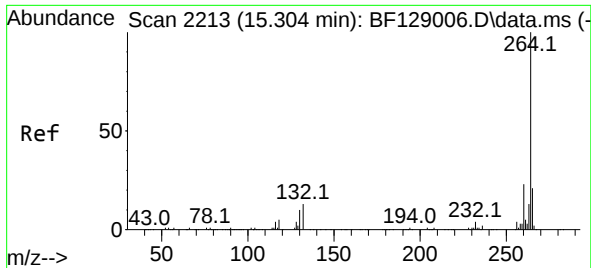
Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 10.6 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.280 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF129024.D
Acq: 27 Jun 2022 11:39

Instrument :
BNA_F
ClientSampleId :
PB145632BL

Tgt Ion:264 Resp: 258580

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	20.7	17.2	25.8

