

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

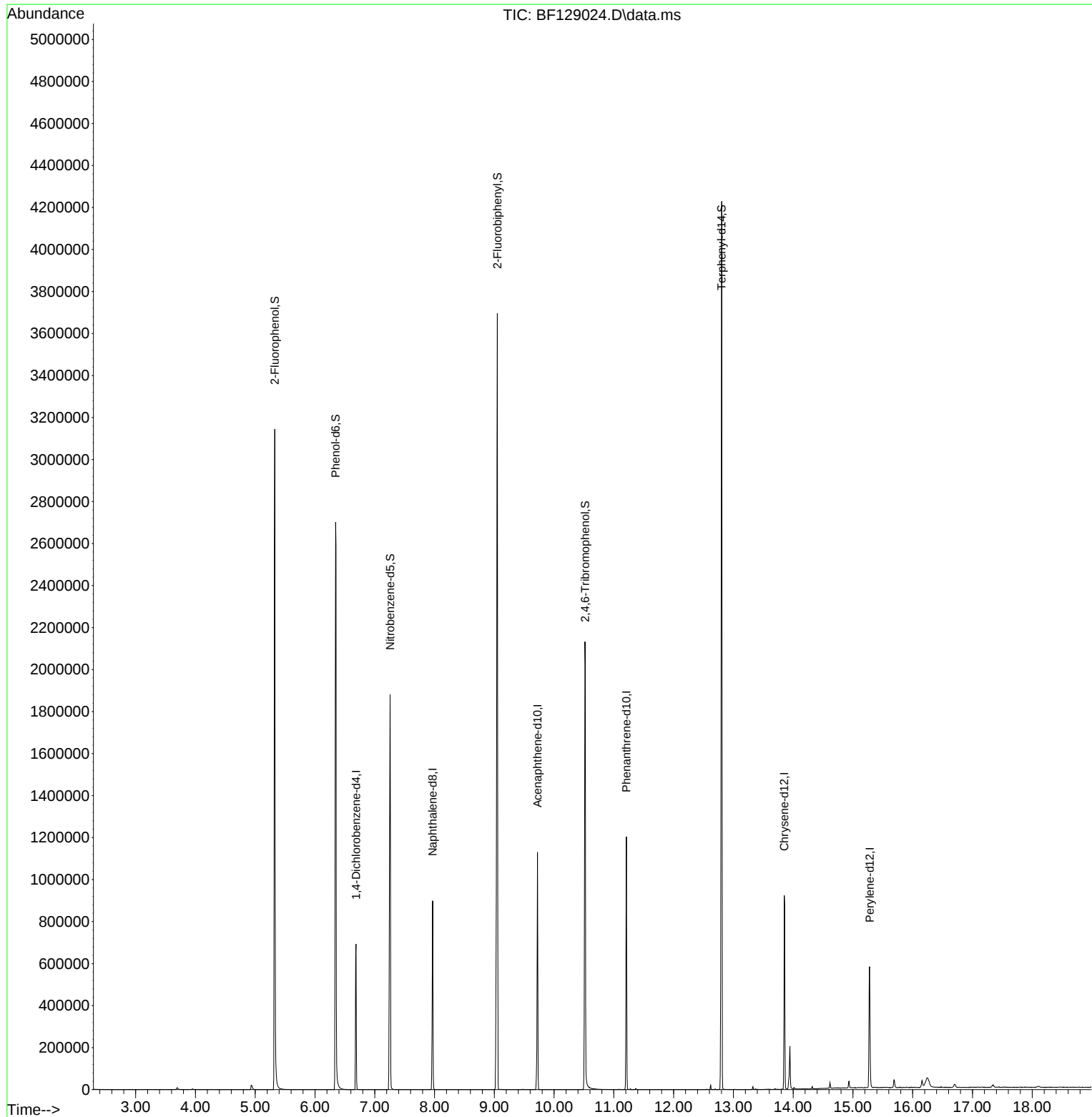
Target Compounds	Qvalue

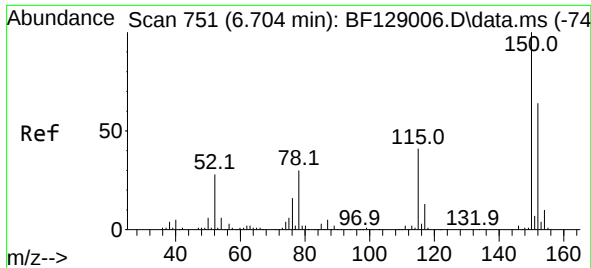
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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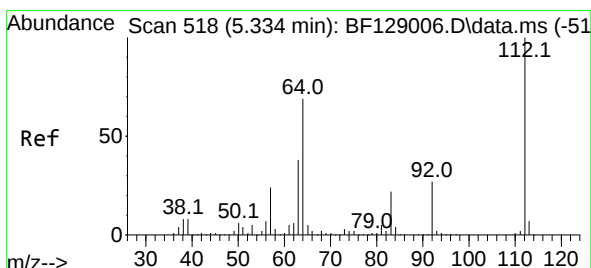
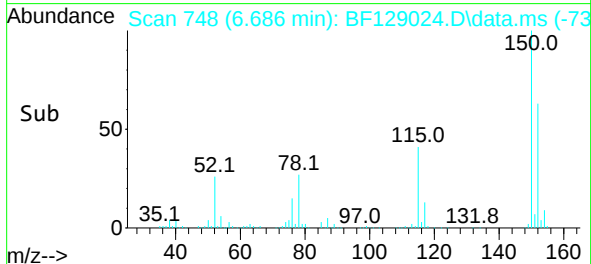
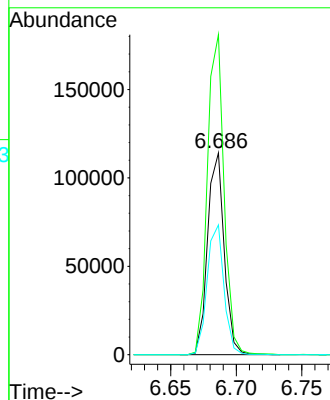
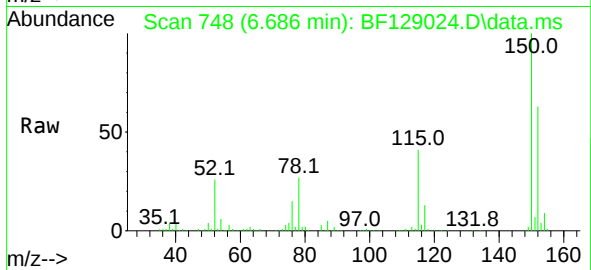




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.686 min Scan# 74
Delta R.T. -0.001 min
Lab File: BF129024.D
Acq: 27 Jun 2022 11:39

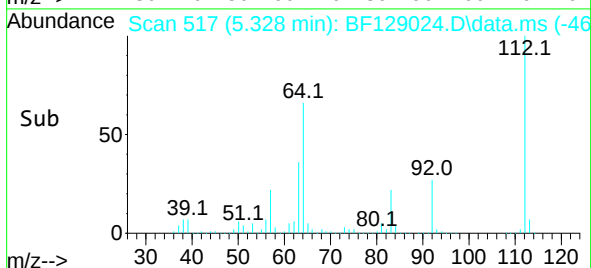
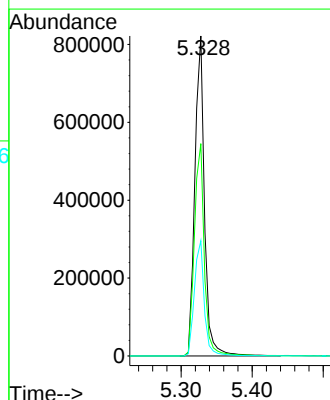
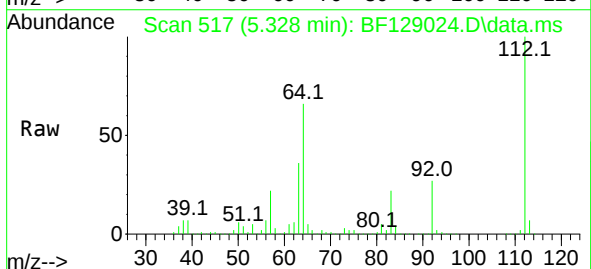
Instrument :
BNA_F
ClientSampleId :
PB145632BL

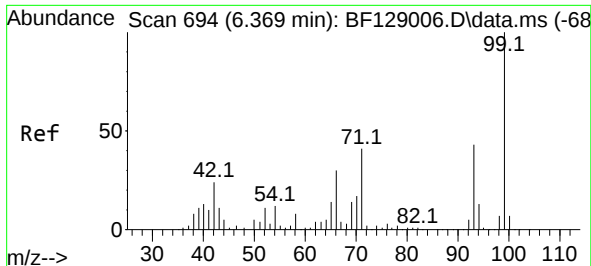
Tgt Ion:152 Resp: 100797
Ion Ratio Lower Upper
152 100
150 158.6 123.7 185.5
115 64.3 49.9 74.9



#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

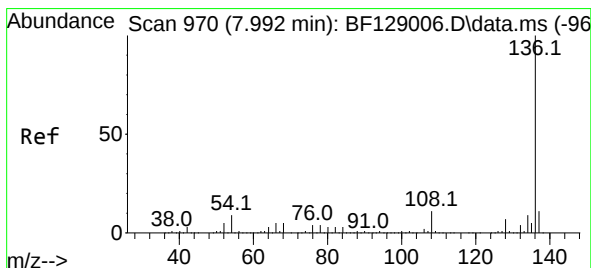
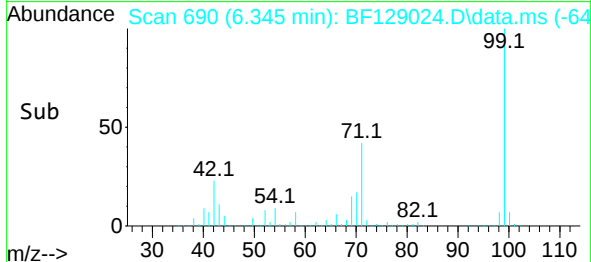
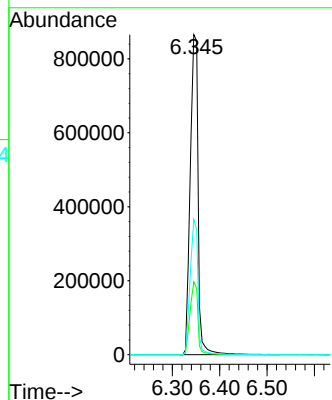
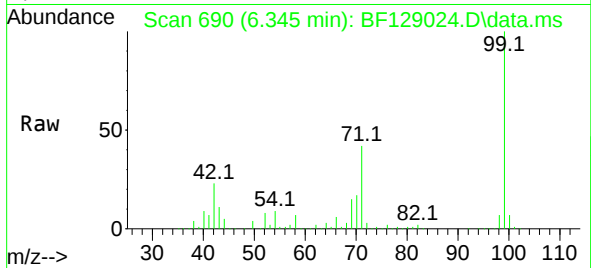




#7
Phenol-d6
Concen: 131.678 ng
RT: 6.345 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF129024.D
Acq: 27 Jun 2022 11:39

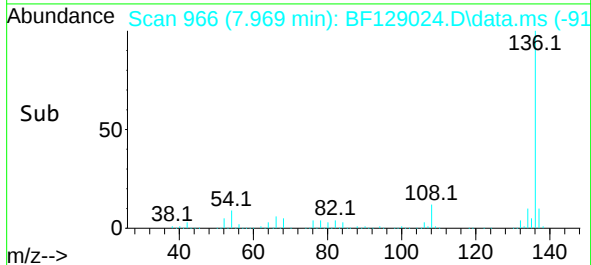
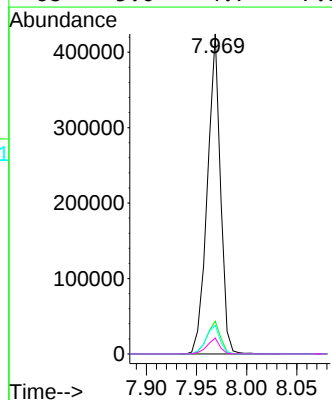
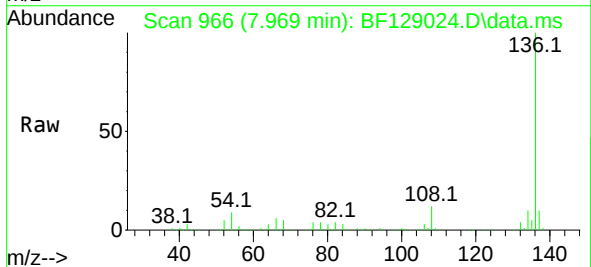
Instrument :
BNA_F
ClientSampleId :
PB145632BL

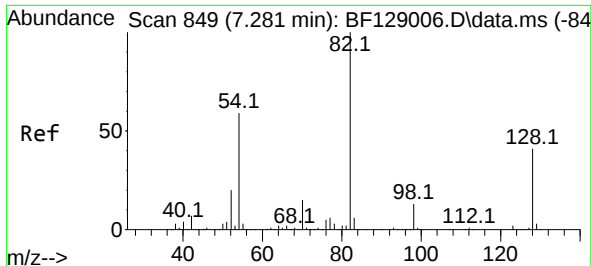
Tgt Ion: 99 Resp: 999405
Ion Ratio Lower Upper
99 100
42 22.8 17.3 25.9
71 42.2 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.969 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF129024.D
Acq: 27 Jun 2022 11:39

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# 84

Delta R.T. -0.006 min

Lab File: BF129024.D

Acq: 27 Jun 2022 11:39

Instrument :

BNA_F

ClientSampleId :

PB145632BL

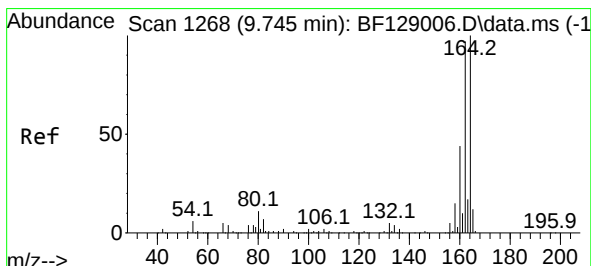
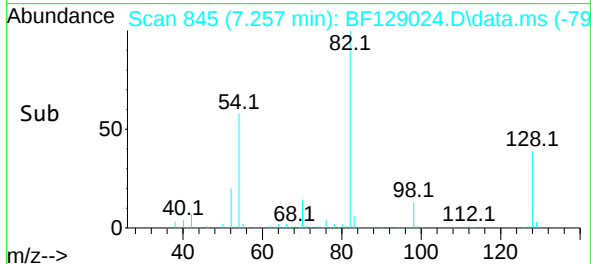
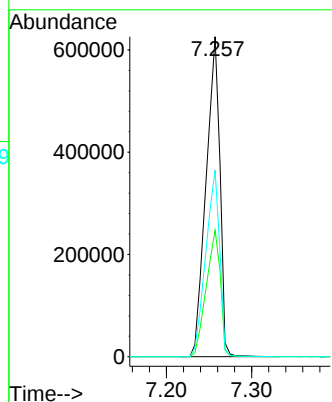
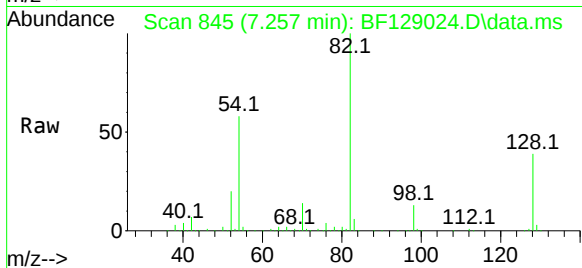
Tgt Ion: 82 Resp: 706321

Ion Ratio Lower Upper

82 100

128 39.5 34.0 51.0

54 58.3 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.722 min Scan# 1264

Delta R.T. -0.006 min

Lab File: BF129024.D

Acq: 27 Jun 2022 11:39

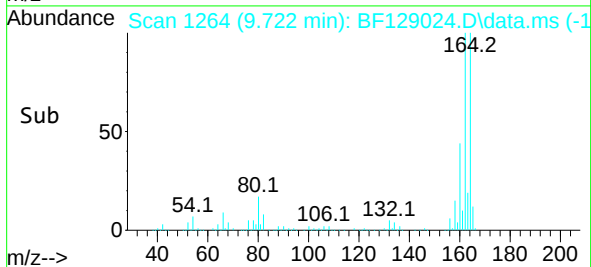
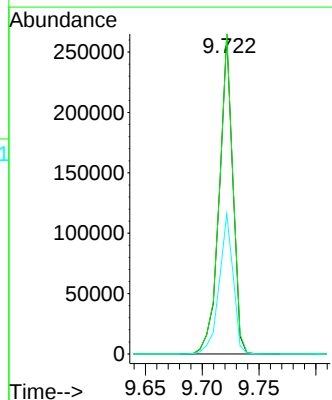
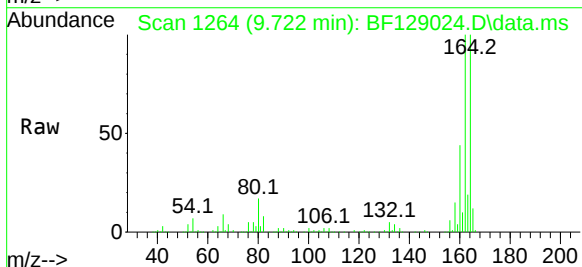
Tgt Ion:164 Resp: 219972

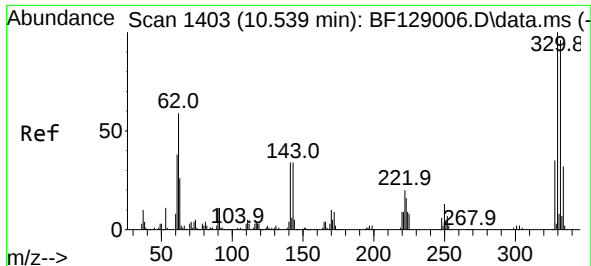
Ion Ratio Lower Upper

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

Instrument :

BNA_F

ClientSampleId :

PB145632BL

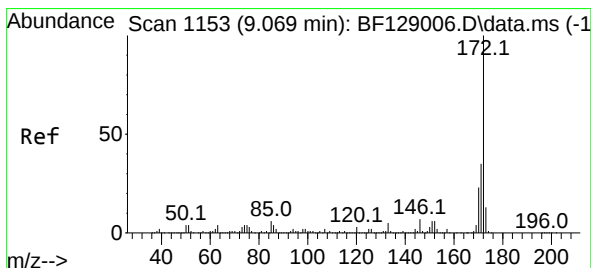
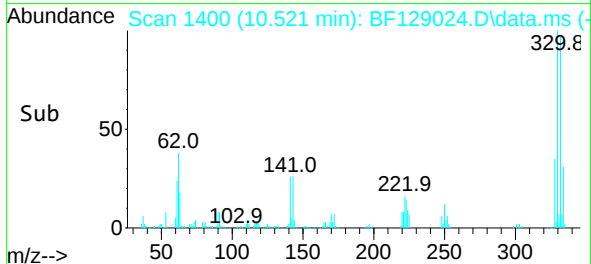
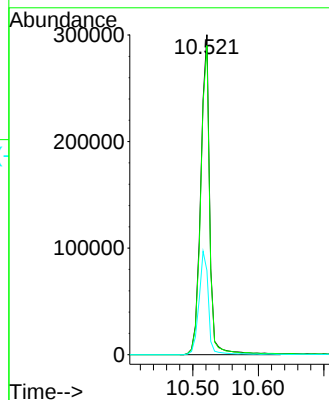
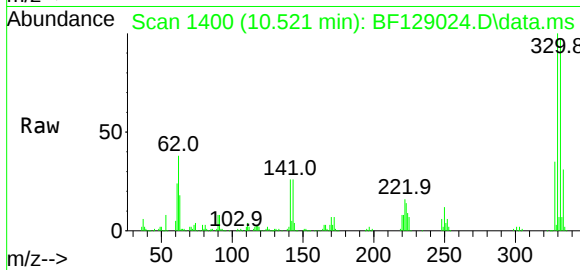
Tgt Ion:330 Resp: 286503

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# 1150

Delta R.T. -0.000 min

Lab File: BF129024.D

Acq: 27 Jun 2022 11:39

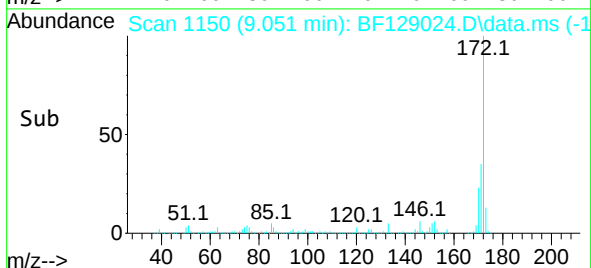
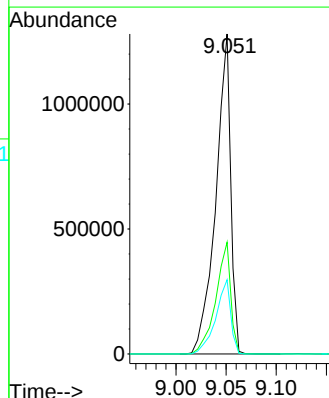
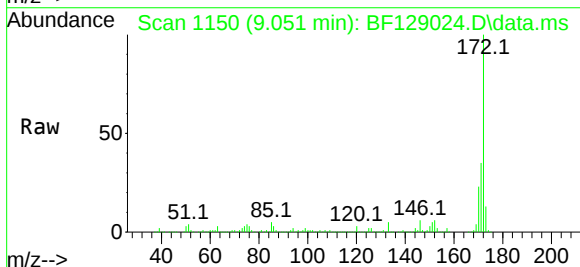
Tgt Ion:172 Resp: 1321554

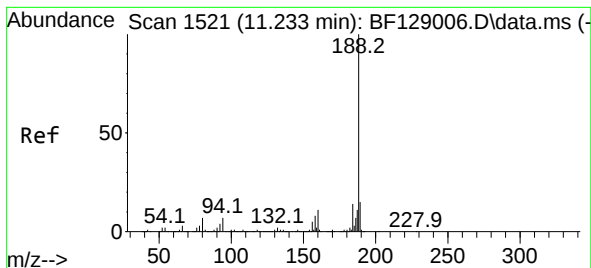
Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.2 19.8 29.8

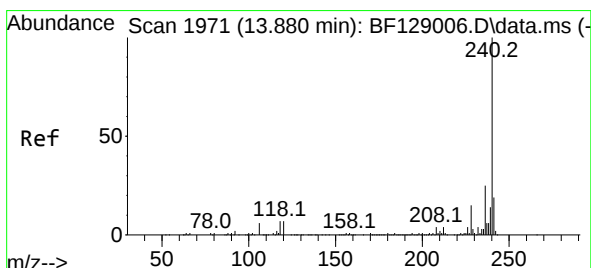
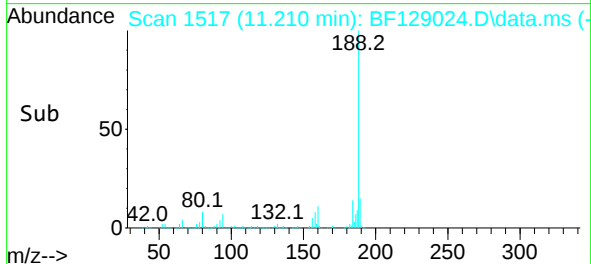
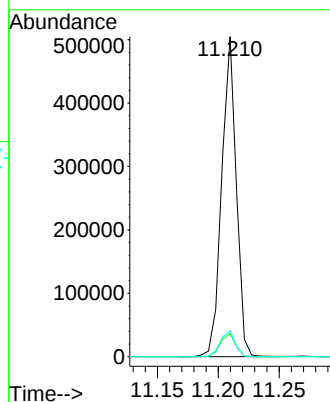
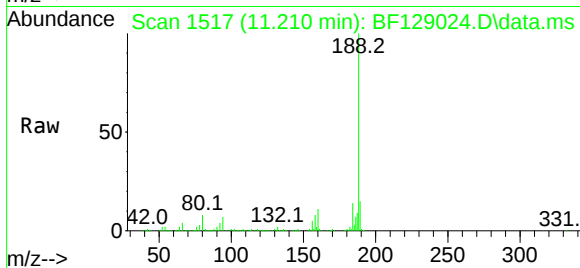




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129024.D
Acq: 27 Jun 2022 11:39

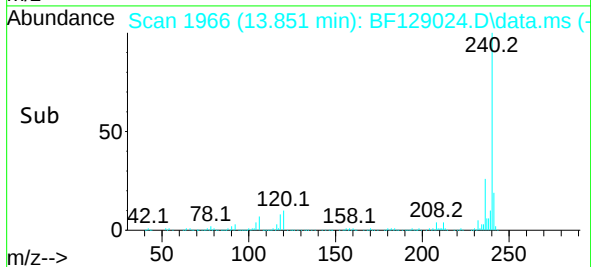
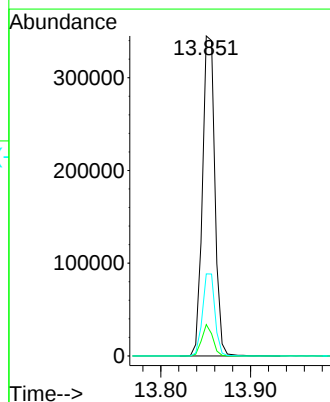
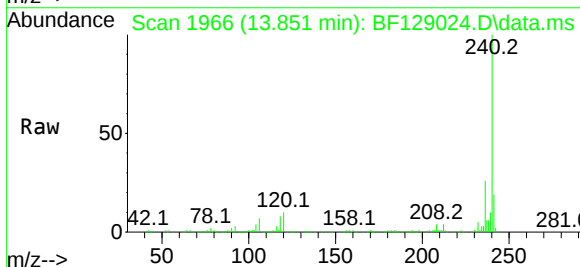
Instrument :
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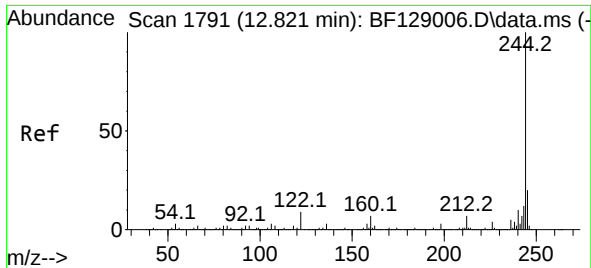
Tgt Ion:188 Resp: 420316
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.6
80 8.1 7.6 11.4



#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

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

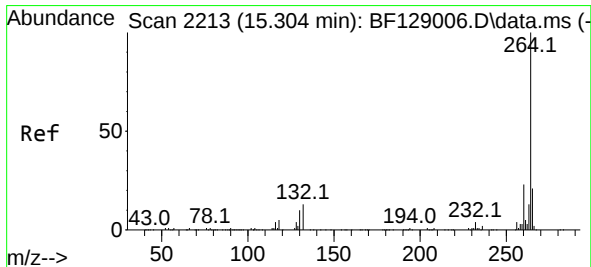
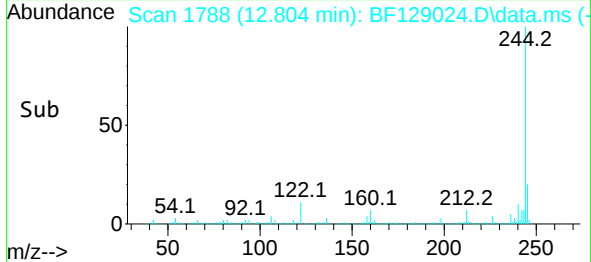
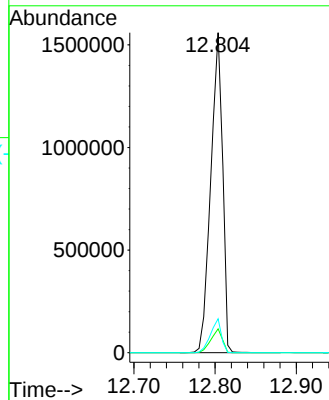
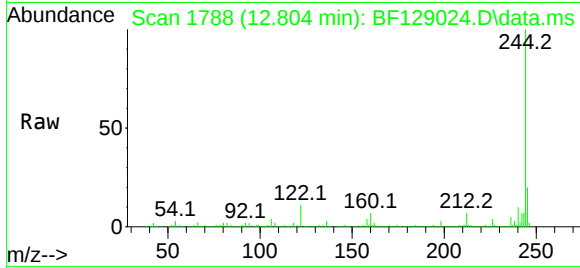




#79
 Terphenyl-d14
 Concen: 87.916 ng
 RT: 12.804 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF129024.D
 Acq: 27 Jun 2022 11:39

Instrument :
 BNA_F
 ClientSampleId :
 PB145632BL

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# 2209
 Delta R.T. -0.000 min
 Lab File: BF129024.D
 Acq: 27 Jun 2022 11:39

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

