

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
 Data File : BF140823.D
 Acq On : 11 Dec 2024 12:30
 Operator : RC/JU
 Sample : PB165525BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165525BL

Quant Time: Dec 11 13:51:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	66231	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	259234	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	144317	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	285408	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	199148	20.000	ng	0.00
86) Perylene-d12	15.556	264	153782	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	557728	143.679	ng	0.01
7) Phenol-d6	6.510	99	716604	139.641	ng	0.00
23) Nitrobenzene-d5	7.428	82	455265	89.830	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	227093	147.130	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	950085	98.088	ng	-0.02
79) Terphenyl-d14	12.980	244	1172094	91.646	ng	-0.01

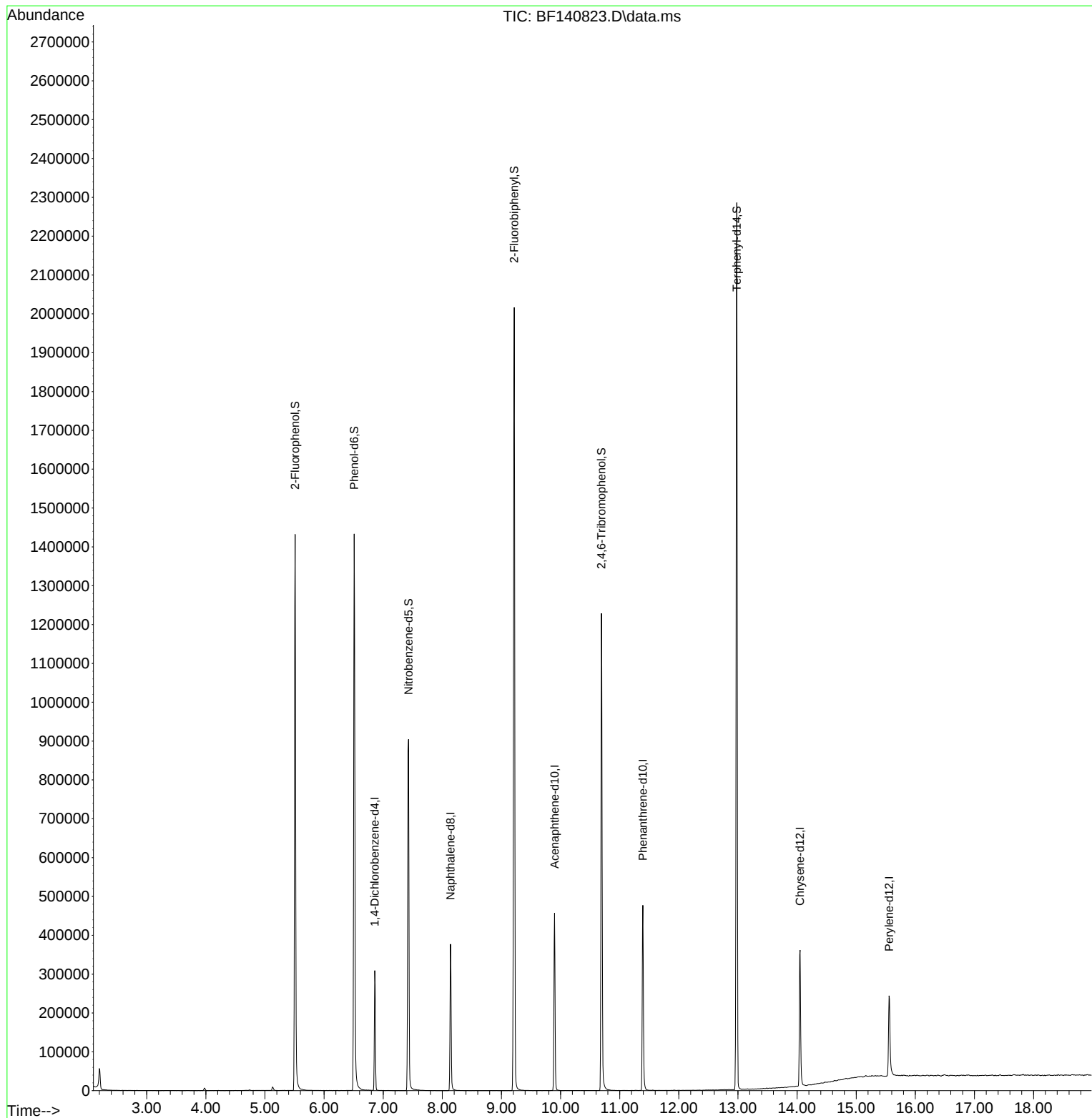
Target Compounds	Qvalue

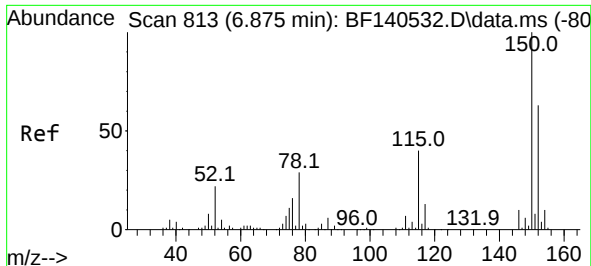
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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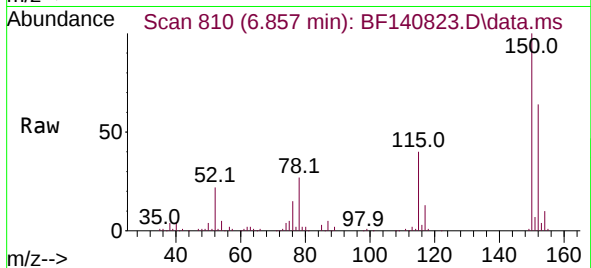
Quant Time: Dec 11 13:51:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
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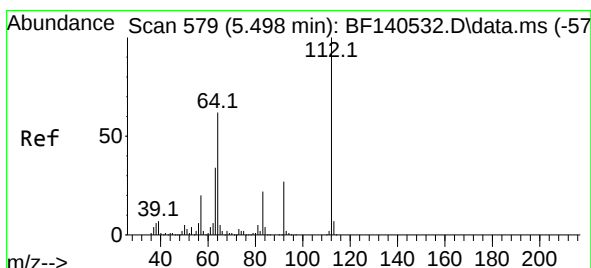
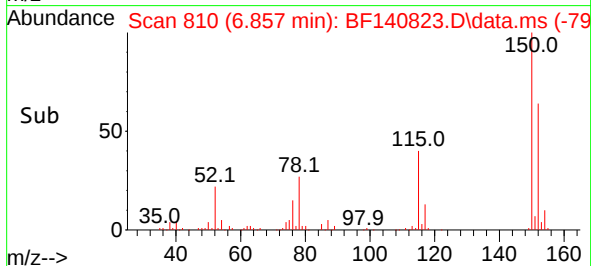
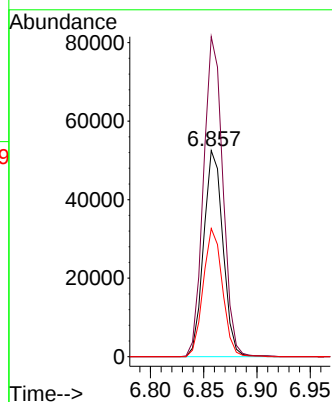


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.018 min
Lab File: BF140823.D
Acq: 11 Dec 2024 12:30

Instrument :
BNA_F
ClientSampleId :
PB165525BL

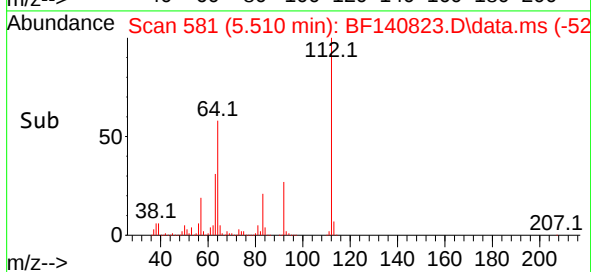
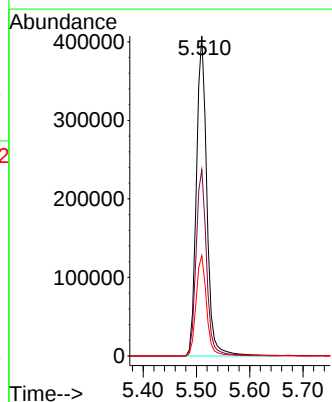
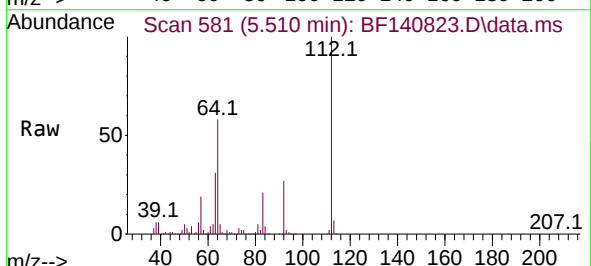


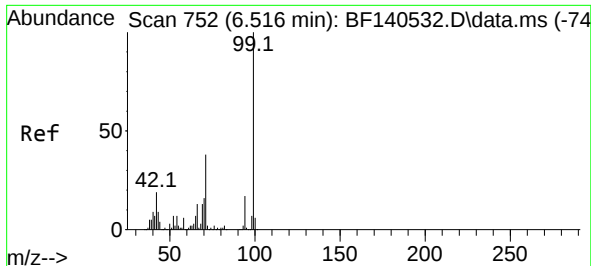
Tgt Ion:152 Resp: 66231
Ion Ratio Lower Upper
152 100
150 155.3 128.5 192.7
115 62.2 50.2 75.4



#5
2-Fluorophenol
Concen: 143.679 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140823.D
Acq: 11 Dec 2024 12:30

Tgt Ion:112 Resp: 557728
Ion Ratio Lower Upper
112 100
64 58.2 49.2 73.8
63 31.4 27.0 40.4





#7

Phenol-d6

Concen: 139.641 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140823.D

Acq: 11 Dec 2024 12:30

Instrument :

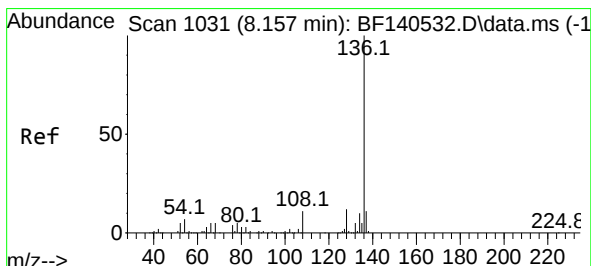
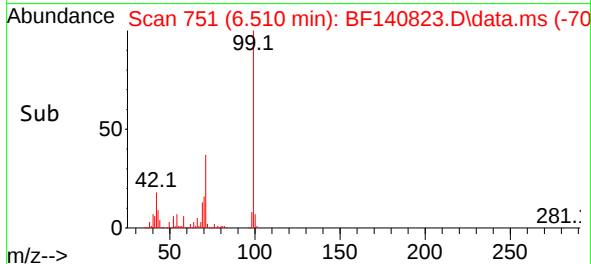
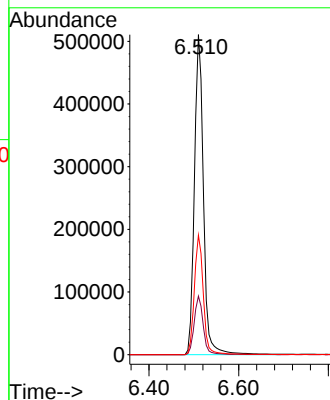
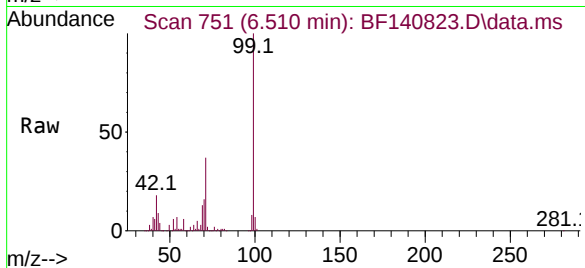
BNA_F

ClientSampleId :

PB165525BL

Tgt Ion: 99 Resp: 716604

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.4	23.0
71	37.4	30.6	46.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.139 min Scan# 1028

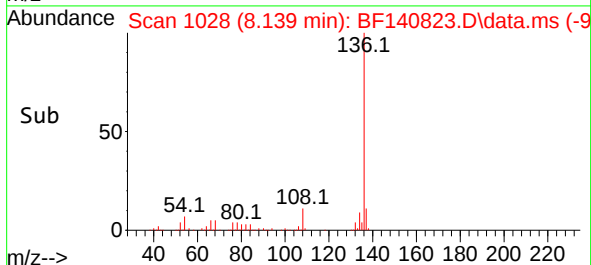
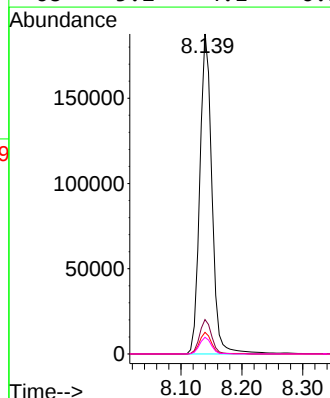
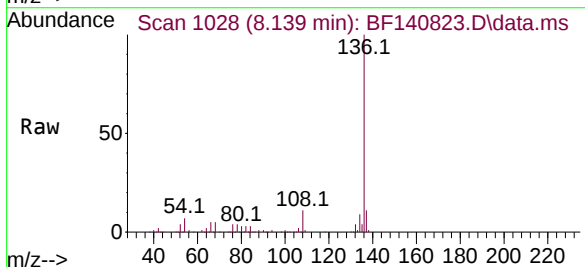
Delta R.T. -0.018 min

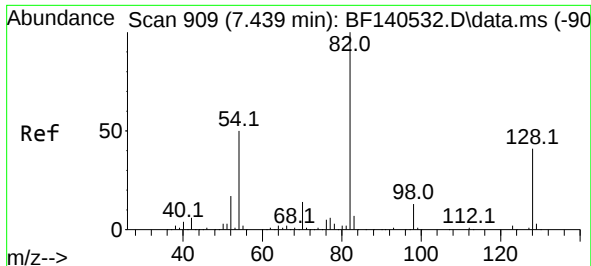
Lab File: BF140823.D

Acq: 11 Dec 2024 12:30

Tgt Ion: 136 Resp: 259234

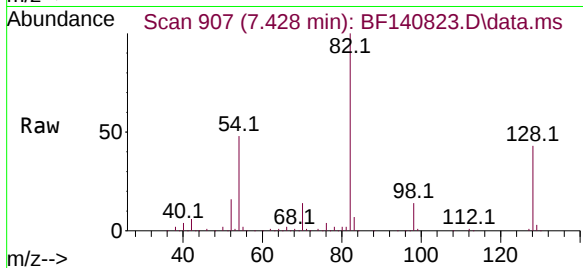
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	6.7	5.8	8.8
68	5.2	4.1	6.1



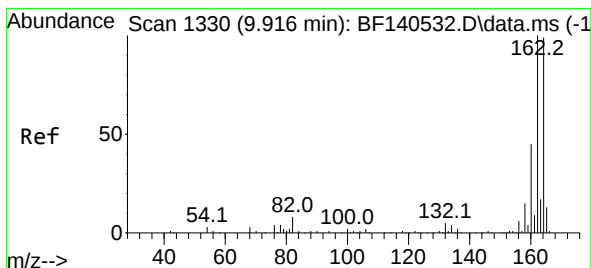
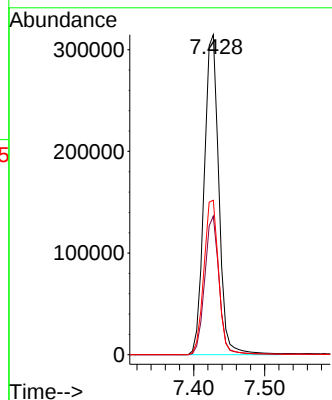
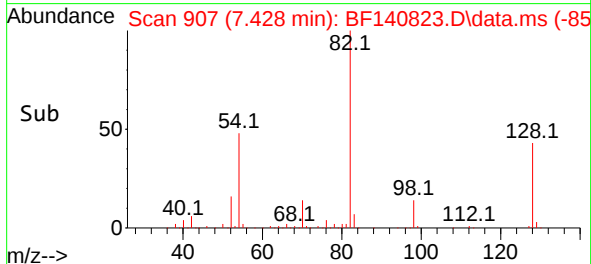


#23
Nitrobenzene-d5
Concen: 89.830 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140823.D
Acq: 11 Dec 2024 12:30

Instrument :
BNA_F
ClientSampleId :
PB165525BL

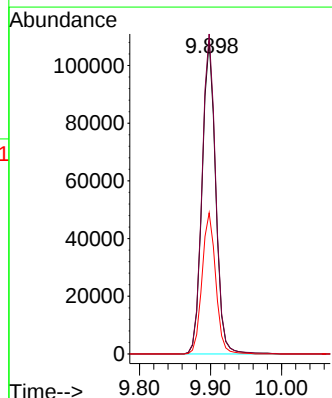
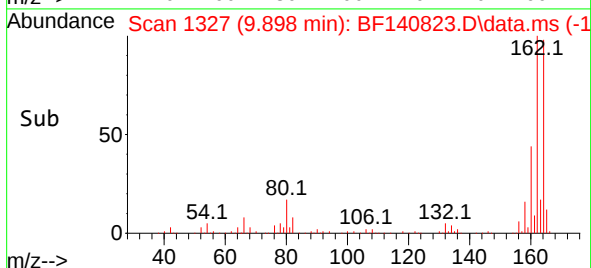
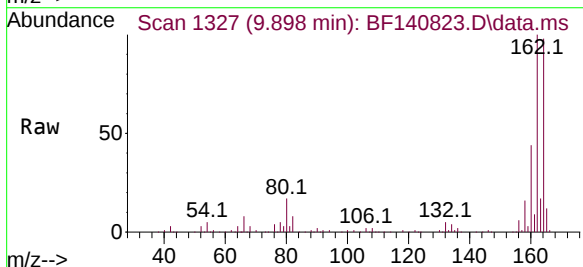


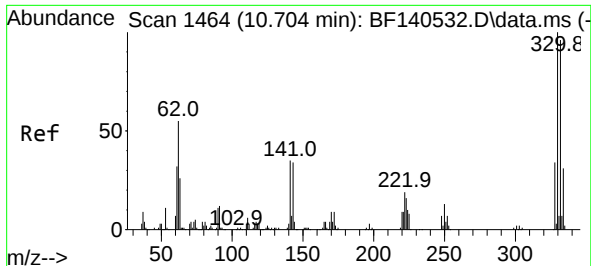
Tgt Ion: 82 Resp: 455265
Ion Ratio Lower Upper
82 100
128 43.3 33.0 49.4
54 48.2 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF140823.D
Acq: 11 Dec 2024 12:30

Tgt Ion: 164 Resp: 144317
Ion Ratio Lower Upper
164 100
162 102.3 80.6 120.8
160 45.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 147.130 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.012 min

Lab File: BF140823.D

Acq: 11 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165525BL

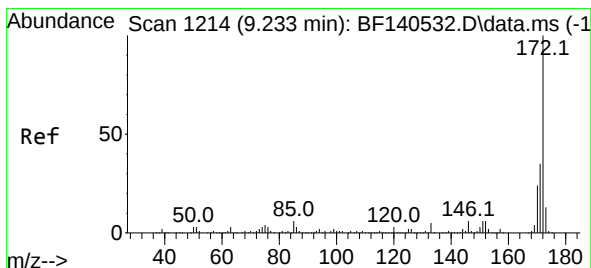
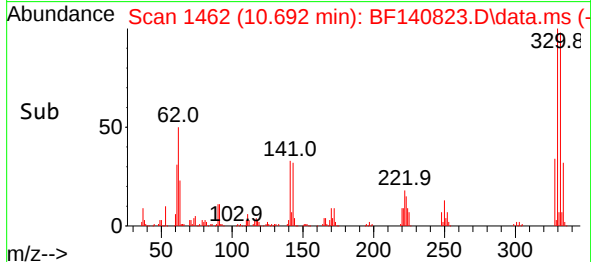
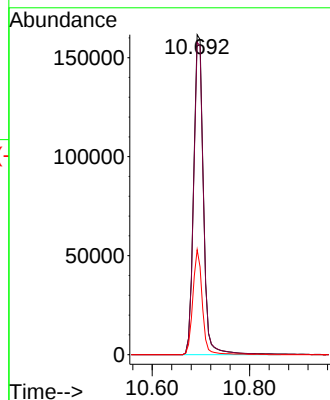
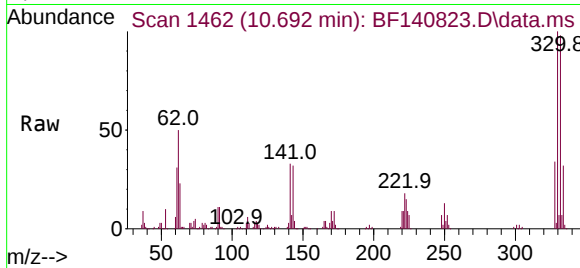
Tgt Ion:330 Resp: 227093

Ion Ratio Lower Upper

330 100

332 97.7 76.9 115.3

141 31.5 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 98.088 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.018 min

Lab File: BF140823.D

Acq: 11 Dec 2024 12:30

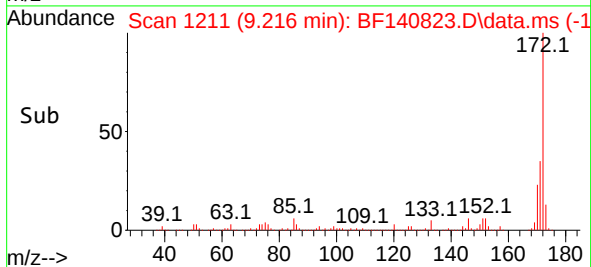
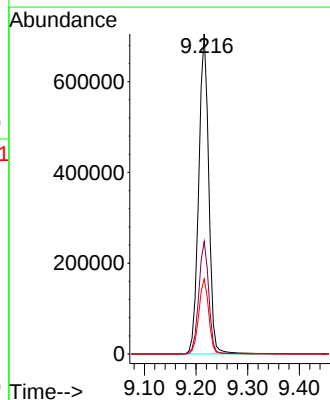
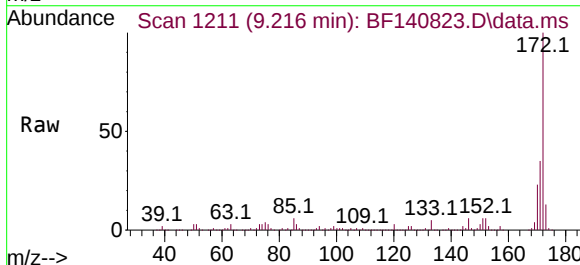
Tgt Ion:172 Resp: 950085

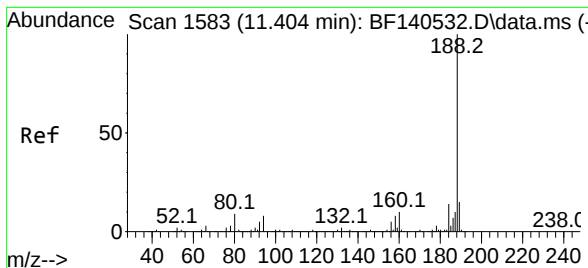
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.4 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140823.D

Acq: 11 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165525BL

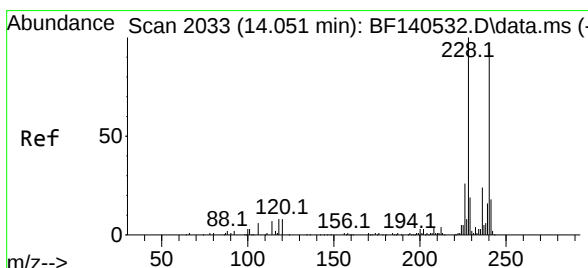
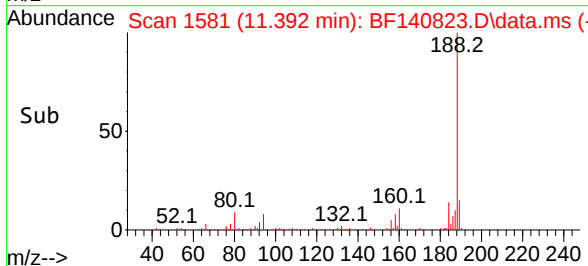
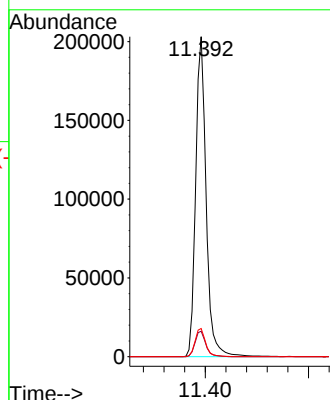
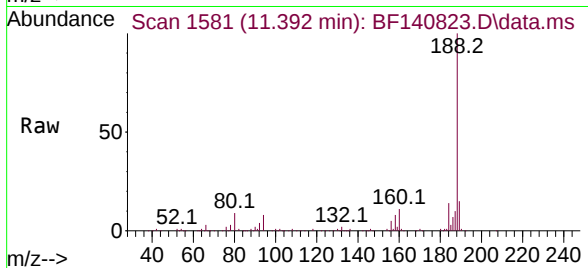
Tgt Ion:188 Resp: 285408

Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

80 8.8 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF140823.D

Acq: 11 Dec 2024 12:30

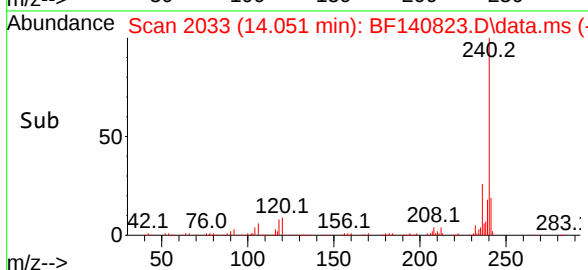
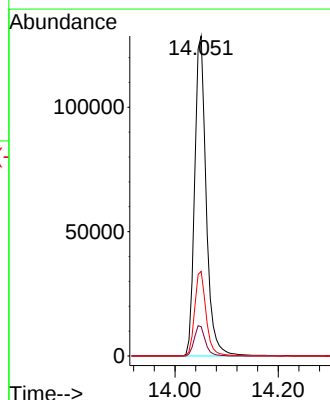
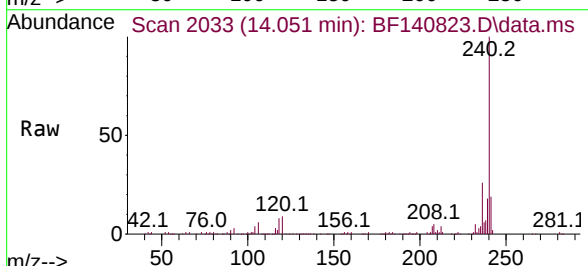
Tgt Ion:240 Resp: 199148

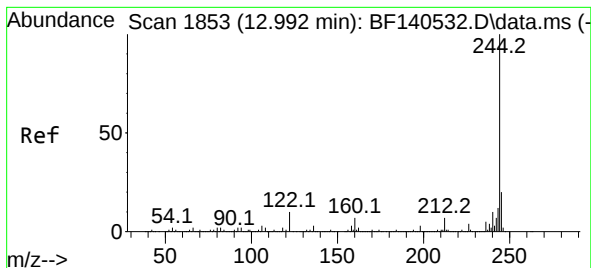
Ion Ratio Lower Upper

240 100

120 9.1 7.3 10.9

236 26.5 20.6 31.0





#79

Terphenyl-d14

Concen: 91.646 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140823.D

Acq: 11 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165525BL

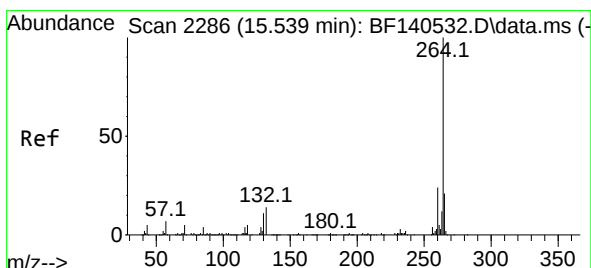
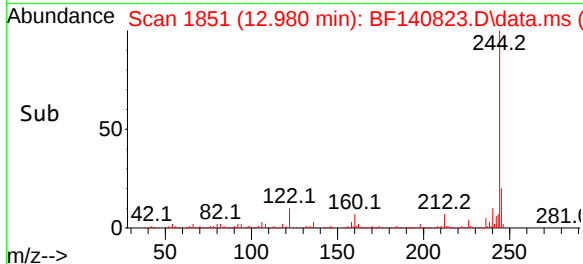
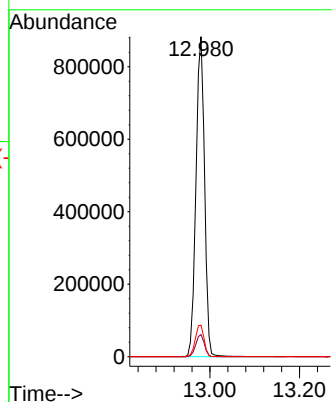
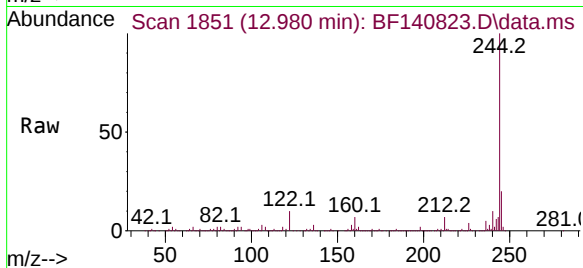
Tgt Ion:244 Resp: 1172094

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 9.9 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.556 min Scan# 2289

Delta R.T. 0.018 min

Lab File: BF140823.D

Acq: 11 Dec 2024 12:30

Tgt Ion:264 Resp: 153782

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 21.3 16.6 25.0

