

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
 Data File : BF140956.D
 Acq On : 20 Dec 2024 17:40
 Operator : RC/JU
 Sample : P5330-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Dec 20 21:59:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	48429	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	185251	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	108747	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	205721	20.000	ng	0.00
76) Chrysene-d12	14.027	240	163371	20.000	ng	0.00
86) Perylene-d12	15.521	264	127175	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	485850	165.149	ng	0.02
7) Phenol-d6	6.504	99	621324	159.454	ng	0.00
23) Nitrobenzene-d5	7.416	82	407167	109.964	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	218297	169.727	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	835267	105.600	ng	0.00
79) Terphenyl-d14	12.963	244	1021054	98.553	ng	0.00

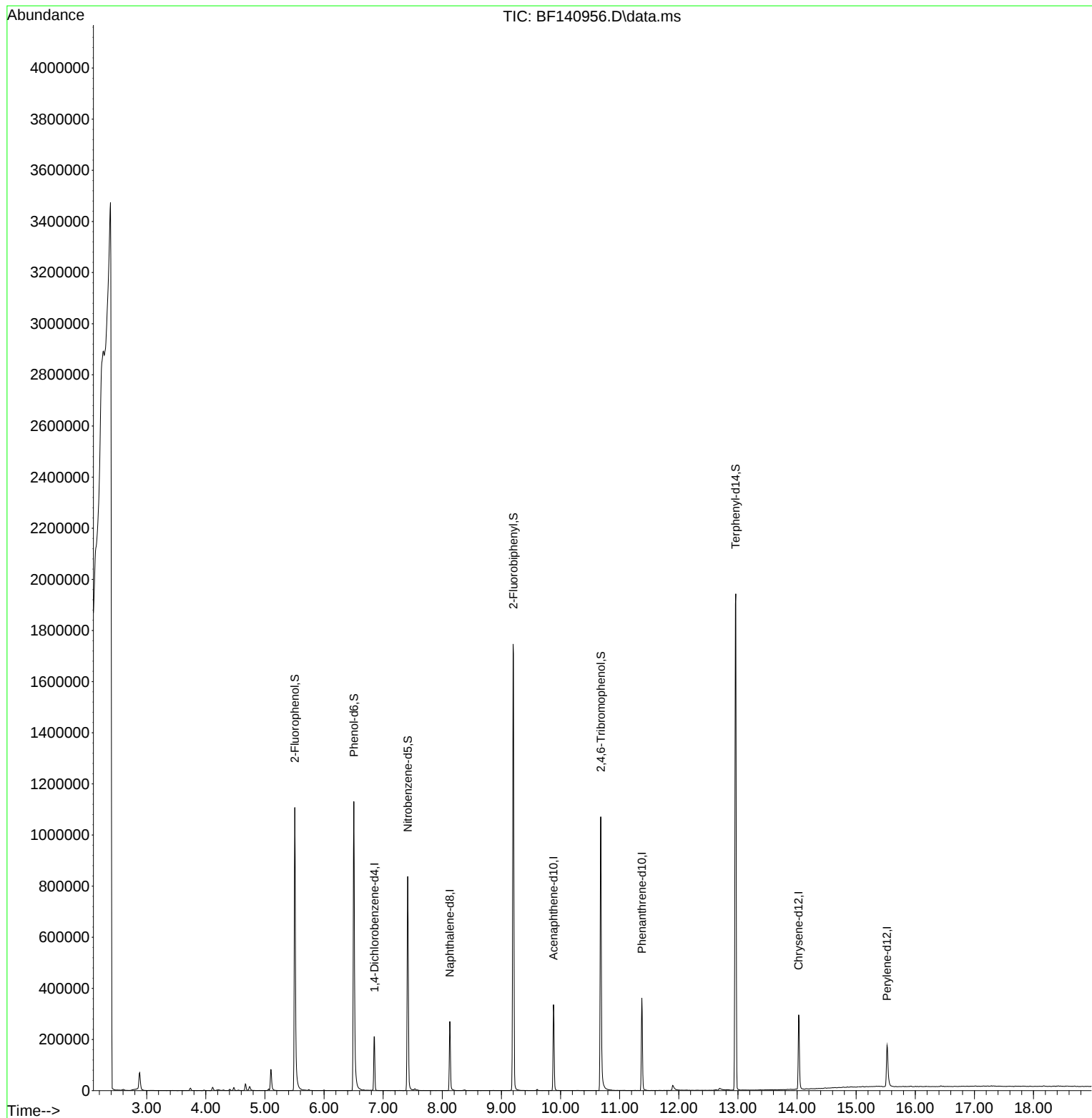
Target Compounds	Qvalue

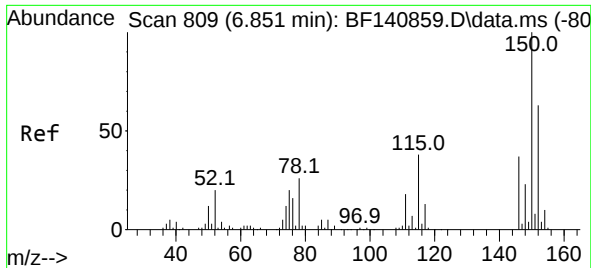
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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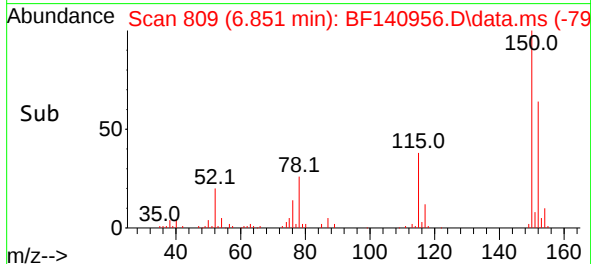
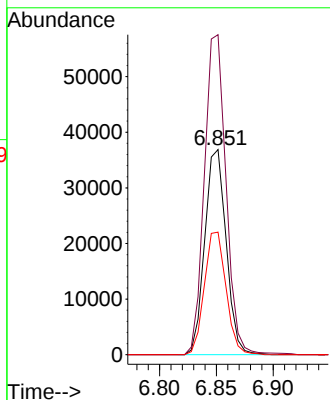
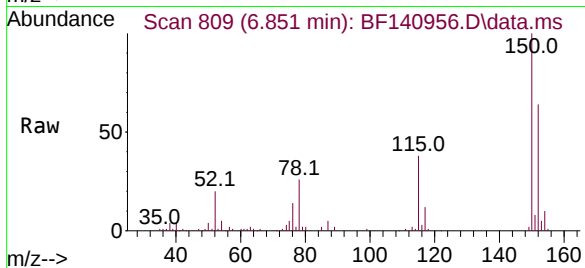




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF140956.D
Acq: 20 Dec 2024 17:40

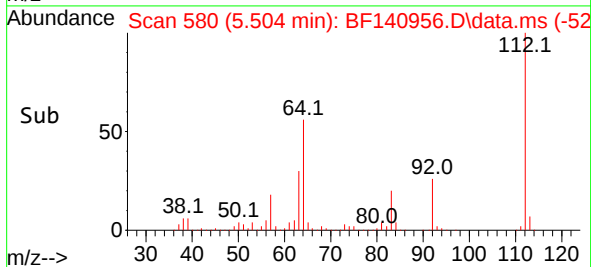
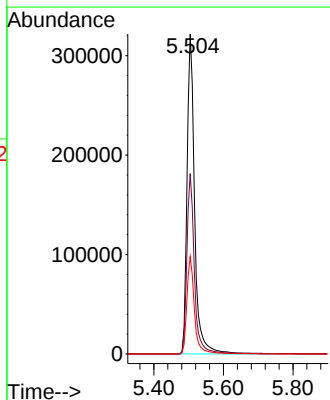
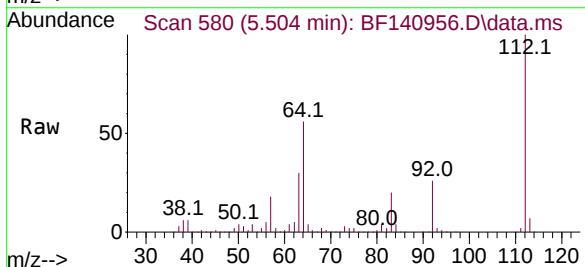
Instrument :
BNA_F
ClientSampleId :
TP-5

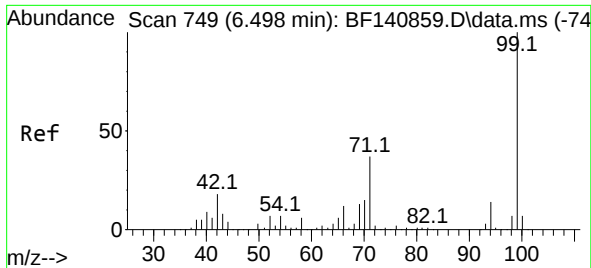
Tgt Ion:152 Resp: 48429
Ion Ratio Lower Upper
152 100
150 156.0 127.9 191.9
115 59.7 48.0 72.0



#5
2-Fluorophenol
Concen: 165.149 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF140956.D
Acq: 20 Dec 2024 17:40

Tgt Ion:112 Resp: 485850
Ion Ratio Lower Upper
112 100
64 56.4 46.1 69.1
63 30.4 24.9 37.3





#7

Phenol-d6

Concen: 159.454 ng

RT: 6.504 min Scan# 749

Delta R.T. 0.006 min

Lab File: BF140956.D

Acq: 20 Dec 2024 17:40

Instrument :

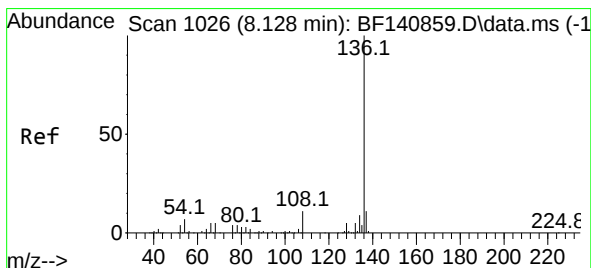
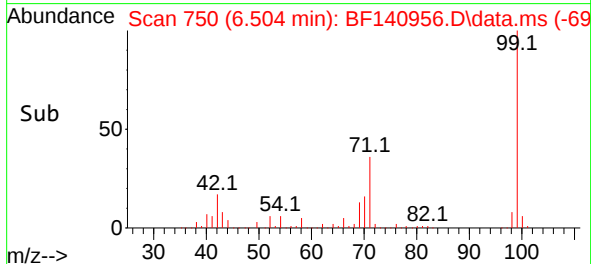
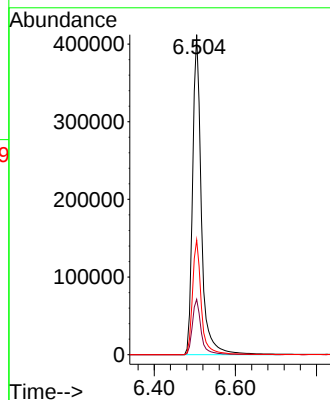
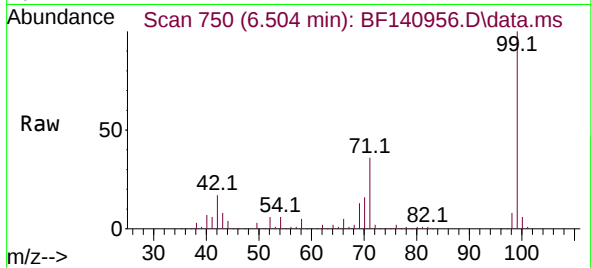
BNA_F

ClientSampleId :

TP-5

Tgt Ion: 99 Resp: 621324

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.3	21.5
71	35.9	29.9	44.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1026

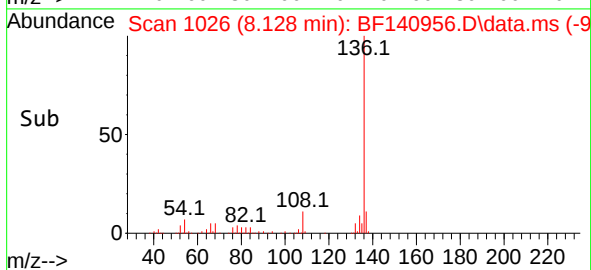
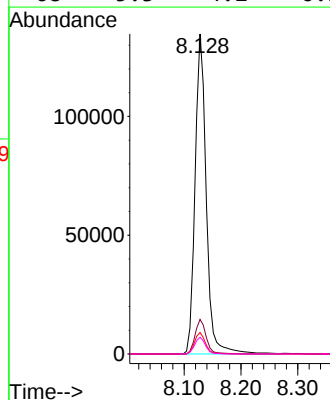
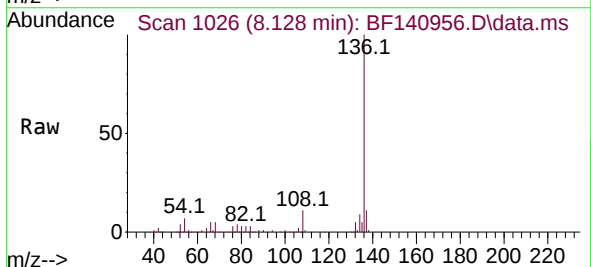
Delta R.T. 0.000 min

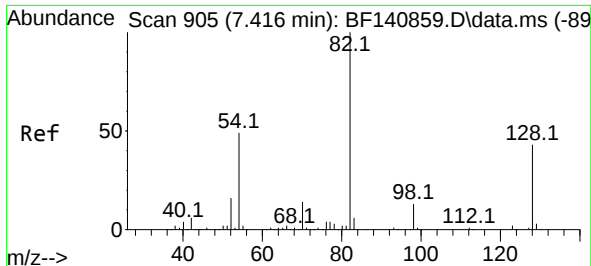
Lab File: BF140956.D

Acq: 20 Dec 2024 17:40

Tgt Ion: 136 Resp: 185251

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.7	5.6	8.4
68	5.3	4.2	6.2





#23

Nitrobenzene-d5

Concen: 109.964 ng

RT: 7.416 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF140956.D

Acq: 20 Dec 2024 17:40

Instrument :

BNA_F

ClientSampleId :

TP-5

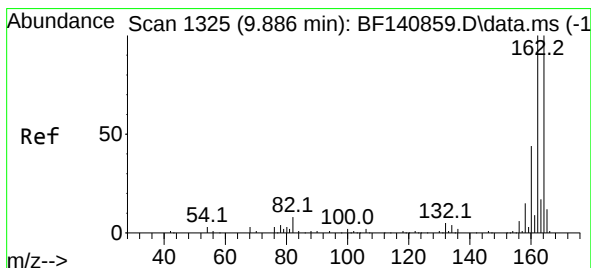
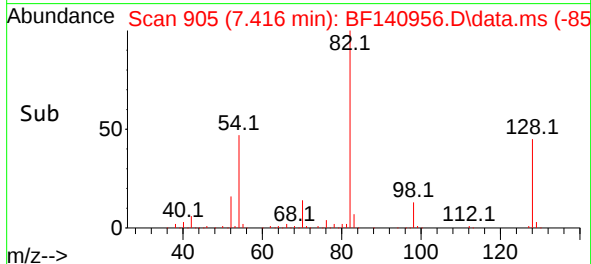
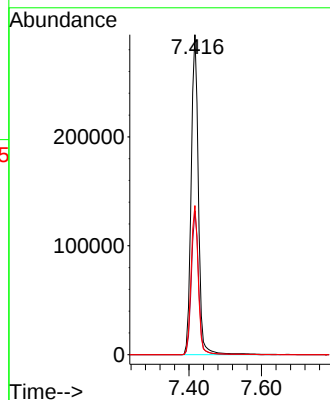
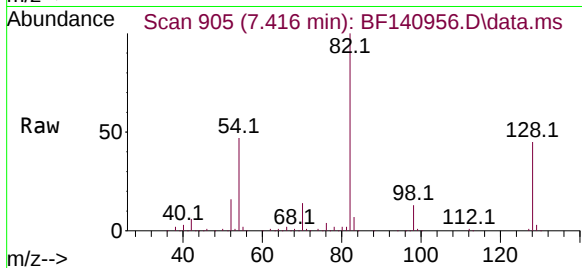
Tgt Ion: 82 Resp: 407167

Ion Ratio Lower Upper

82 100

128 44.9 34.4 51.6

54 46.6 38.8 58.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF140956.D

Acq: 20 Dec 2024 17:40

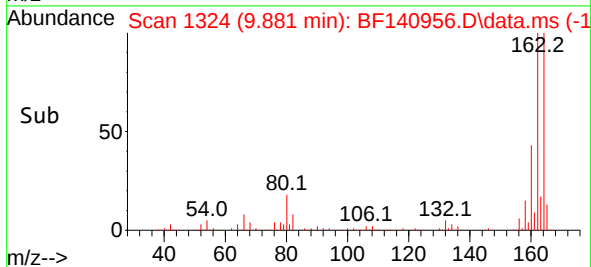
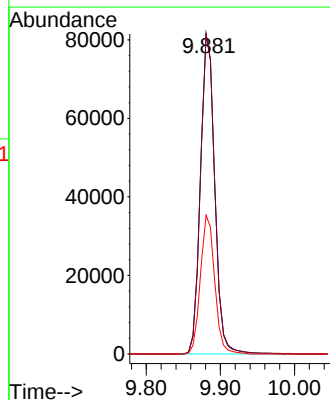
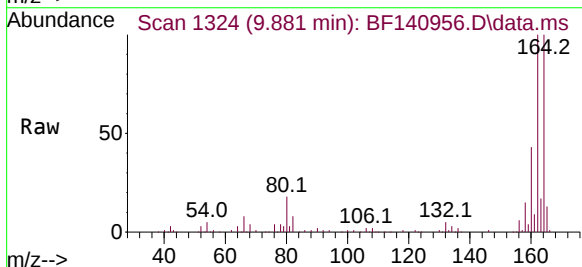
Tgt Ion:164 Resp: 108747

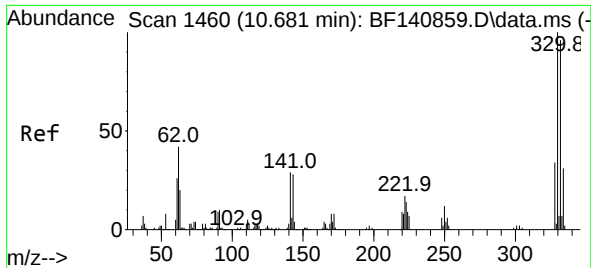
Ion Ratio Lower Upper

164 100

162 99.8 79.9 119.9

160 43.4 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 169.727 ng

RT: 10.681 min Scan# 1460

Delta R.T. 0.000 min

Lab File: BF140956.D

Acq: 20 Dec 2024 17:40

Instrument :

BNA_F

ClientSampleId :

TP-5

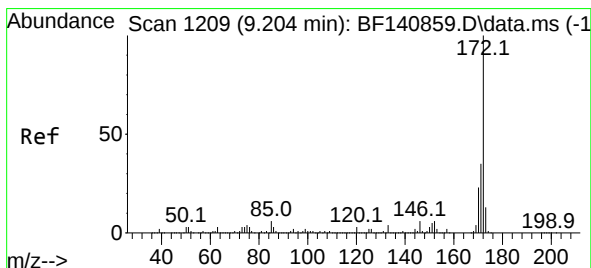
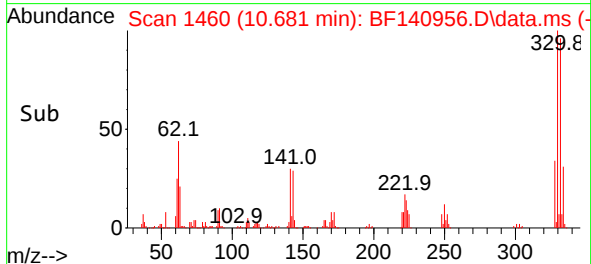
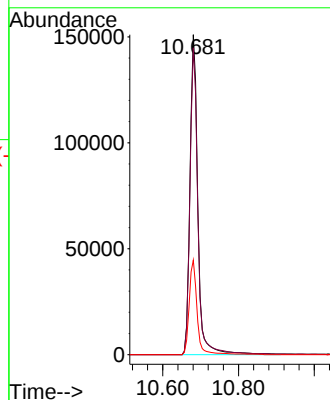
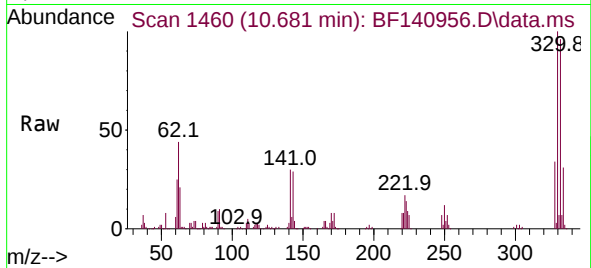
Tgt Ion:330 Resp: 218297

Ion Ratio Lower Upper

330 100

332 95.9 76.2 114.4

141 29.8 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 105.600 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF140956.D

Acq: 20 Dec 2024 17:40

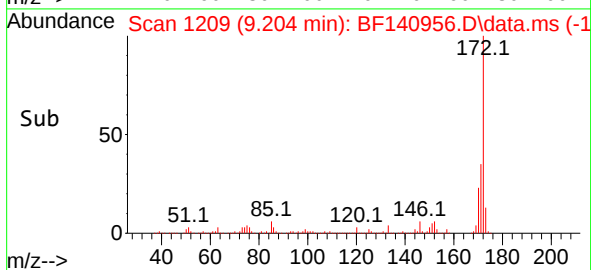
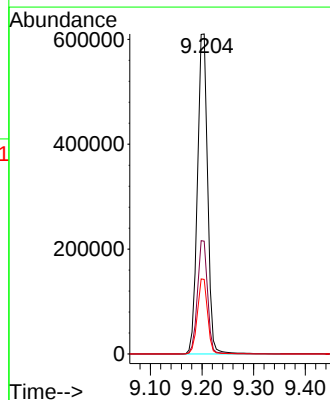
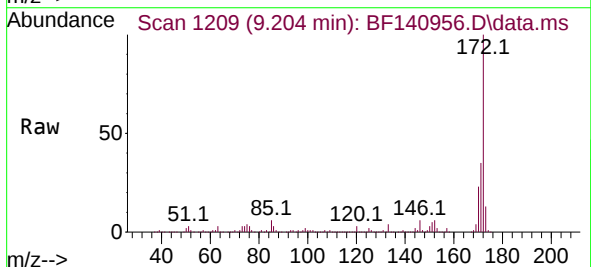
Tgt Ion:172 Resp: 835267

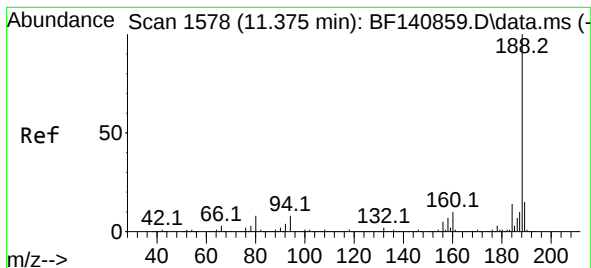
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.3 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140956.D

Acq: 20 Dec 2024 17:40

Instrument :

BNA_F

ClientSampleId :

TP-5

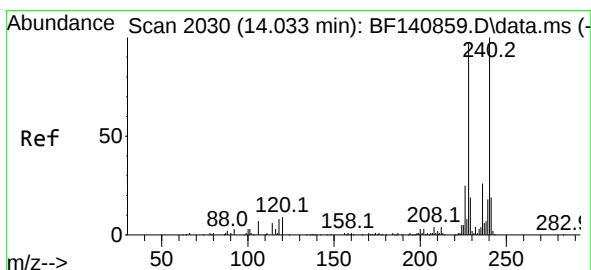
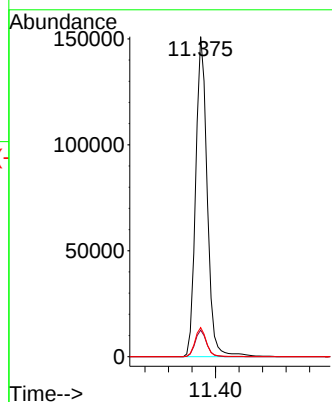
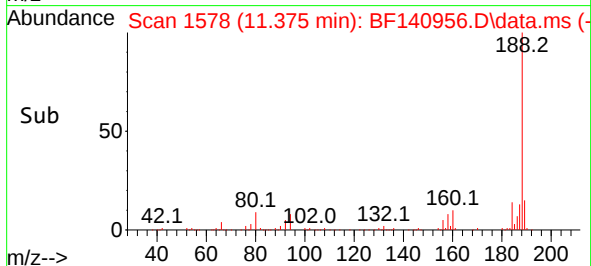
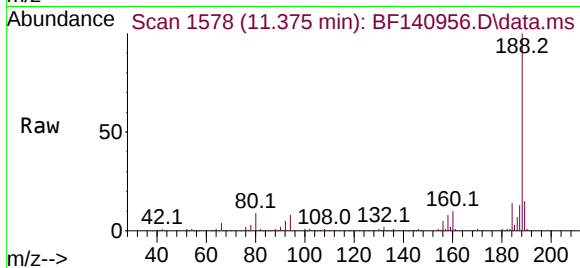
Tgt Ion:188 Resp: 205721

Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 9.1 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140956.D

Acq: 20 Dec 2024 17:40

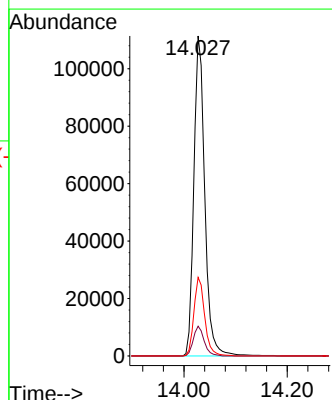
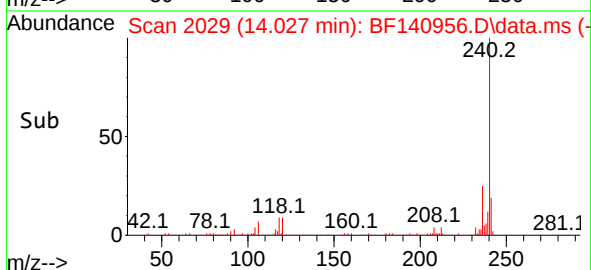
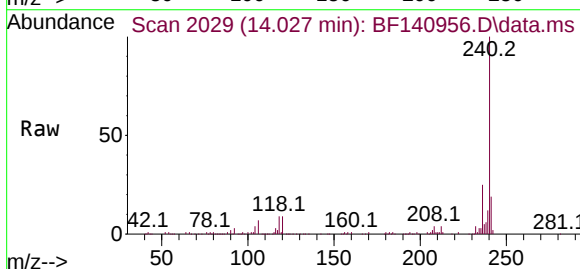
Tgt Ion:240 Resp: 163371

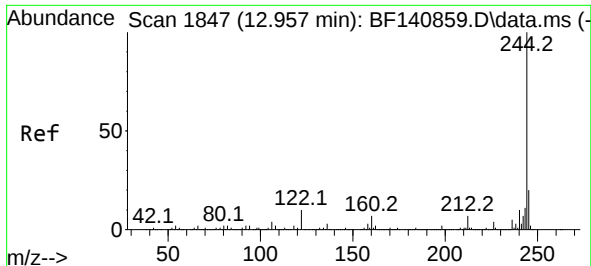
Ion Ratio Lower Upper

240 100

120 9.3 7.6 11.4

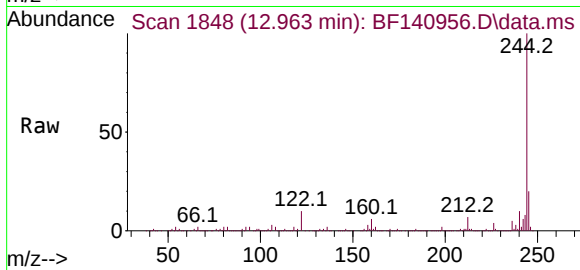
236 24.6 20.5 30.7



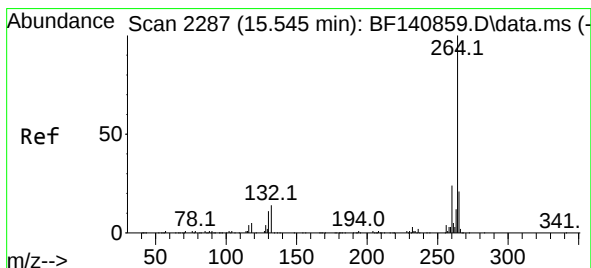
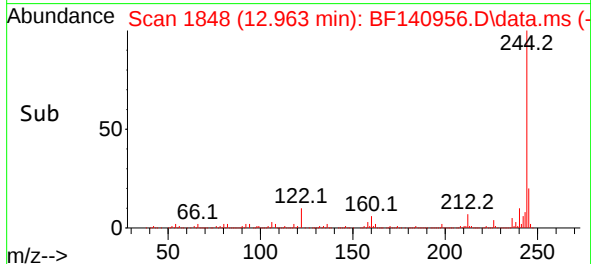
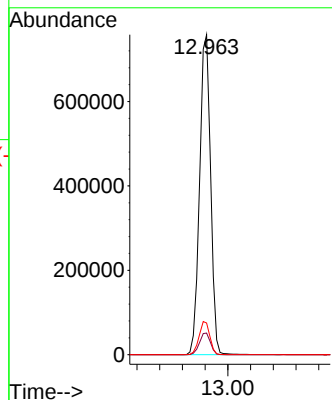


#79
Terphenyl-d14
Concen: 98.553 ng
RT: 12.963 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140956.D
Acq: 20 Dec 2024 17:40

Instrument :
BNA_F
ClientSampleId :
TP-5



Tgt Ion:244 Resp: 1021054
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 9.9 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2283
Delta R.T. -0.024 min
Lab File: BF140956.D
Acq: 20 Dec 2024 17:40

Tgt Ion:264 Resp: 127175
Ion Ratio Lower Upper
264 100
260 22.9 19.1 28.7
265 21.2 17.0 25.4

