

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123124\
 Data File : BF141048.D
 Acq On : 31 Dec 2024 10:17
 Operator : RC/JU
 Sample : PB165790BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165790BL

Quant Time: Dec 31 10:43:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	270516	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	1079971	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	585956	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	1012788	20.000	ng	0.00
76) Chrysene-d12	13.980	240	831933	20.000	ng	0.00
86) Perylene-d12	15.445	264	646759	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	2280112	127.053	ng	0.02
7) Phenol-d6	6.451	99	2877025	124.447	ng	0.00
23) Nitrobenzene-d5	7.386	82	1838799	108.931	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	881356	154.793	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	3234014	87.934	ng	0.00
79) Terphenyl-d14	12.933	244	4008313	80.028	ng	0.00

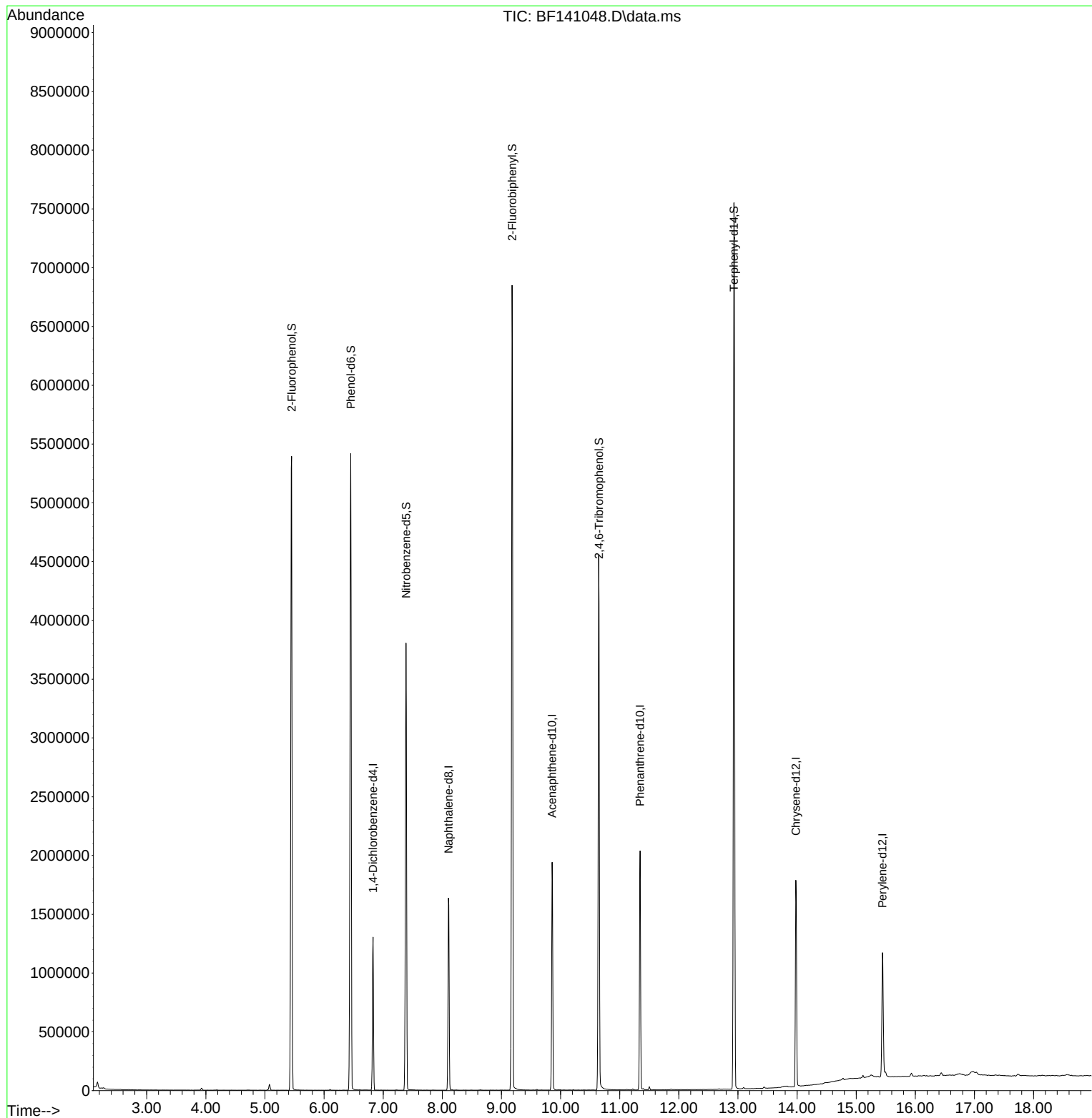
Target Compounds	Qvalue

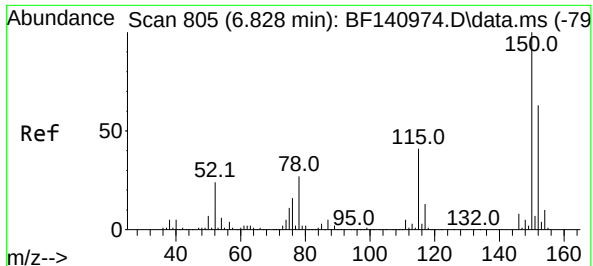
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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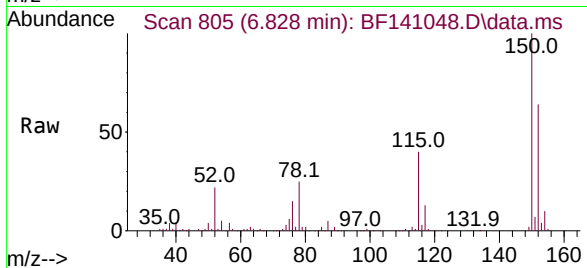
Quant Time: Dec 31 10:43:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
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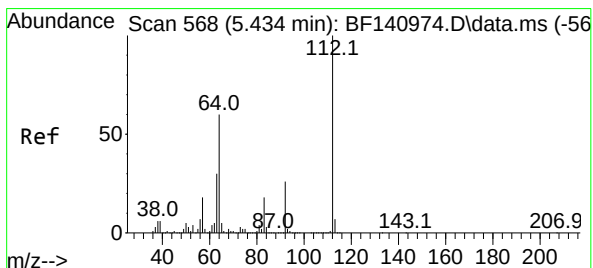
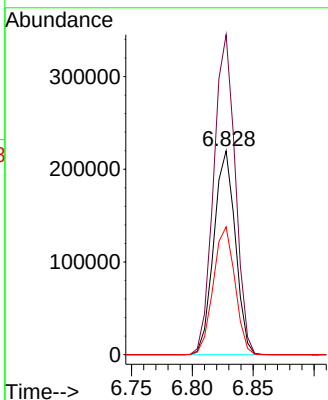
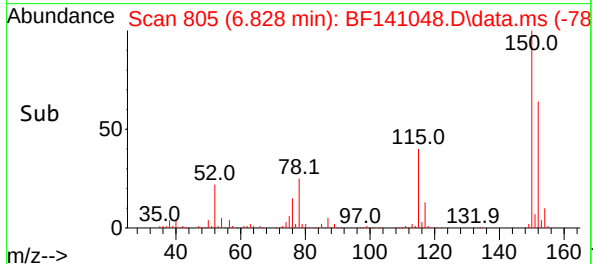


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF141048.D
Acq: 31 Dec 2024 10:17

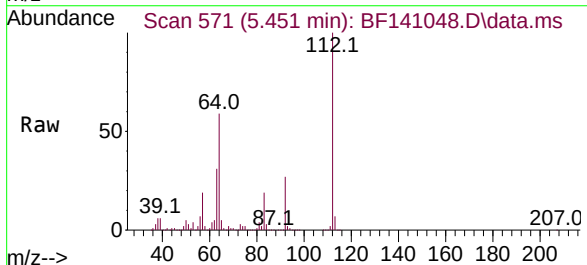
Instrument :
BNA_F
ClientSampleId :
PB165790BL



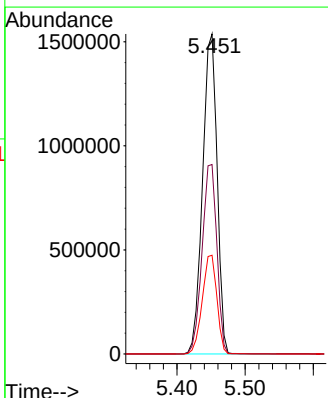
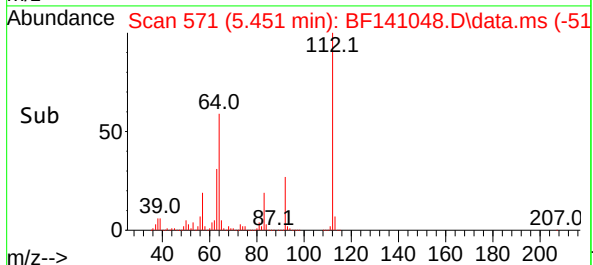
Tgt Ion:152 Resp: 270516
Ion Ratio Lower Upper
152 100
150 157.0 127.0 190.6
115 62.7 51.7 77.5

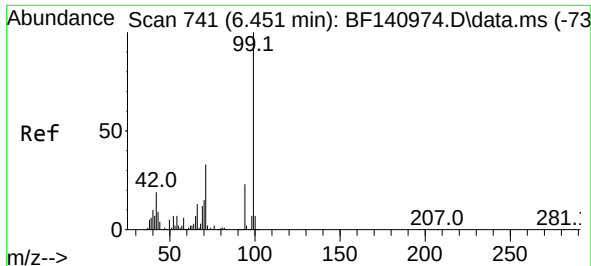


#5
2-Fluorophenol
Concen: 127.053 ng
RT: 5.451 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF141048.D
Acq: 31 Dec 2024 10:17



Tgt Ion:112 Resp: 2280112
Ion Ratio Lower Upper
112 100
64 59.2 47.7 71.5
63 30.8 24.2 36.2

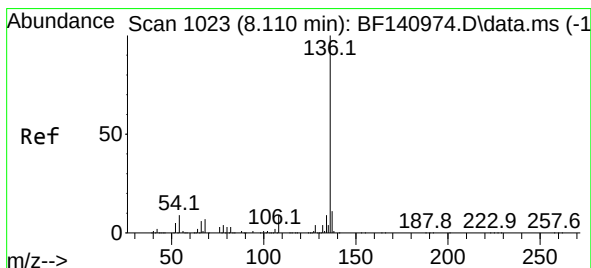
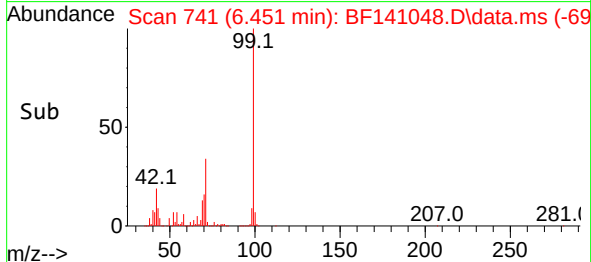
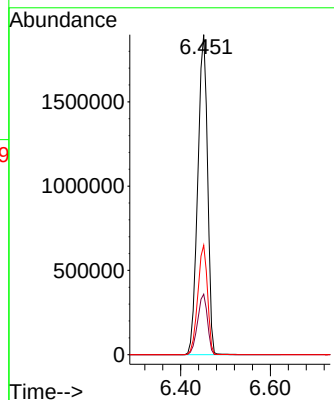
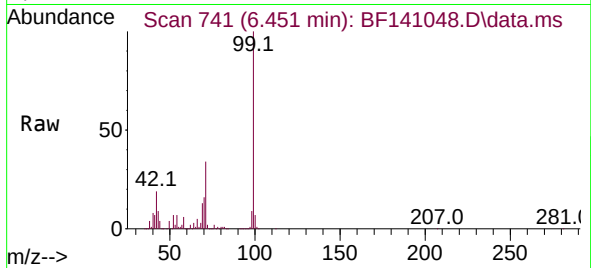




#7
Phenol-d6
Concen: 124.447 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF141048.D
Acq: 31 Dec 2024 10:17

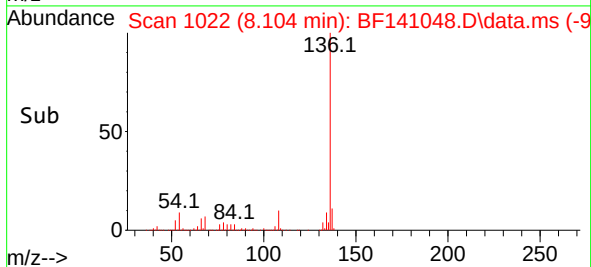
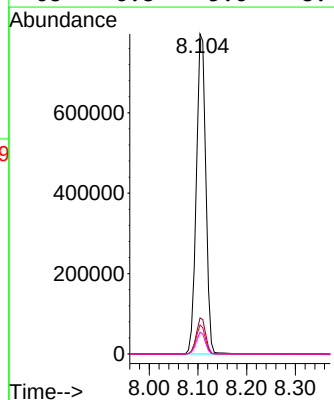
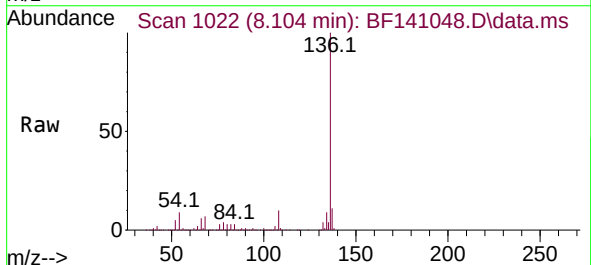
Instrument :
BNA_F
ClientSampleId :
PB165790BL

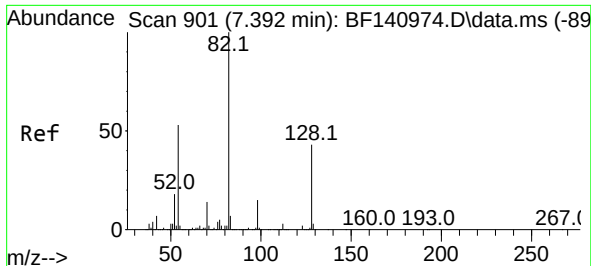
Tgt Ion: 99 Resp: 2877025
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.4
71 34.2 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141048.D
Acq: 31 Dec 2024 10:17

Tgt Ion:136 Resp: 1079971
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 9.0 7.6 11.4
68 6.8 5.6 8.4





#23

Nitrobenzene-d5

Concen: 108.931 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF141048.D

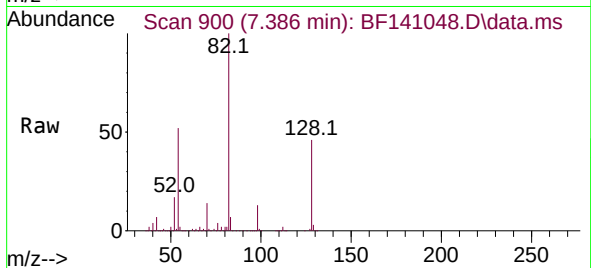
Acq: 31 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165790BL



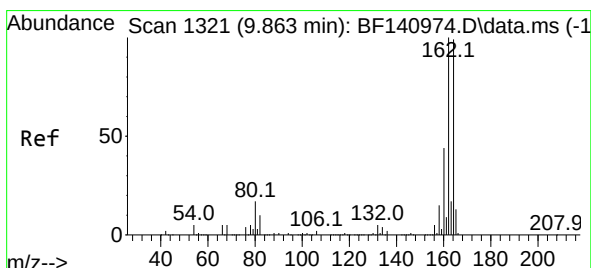
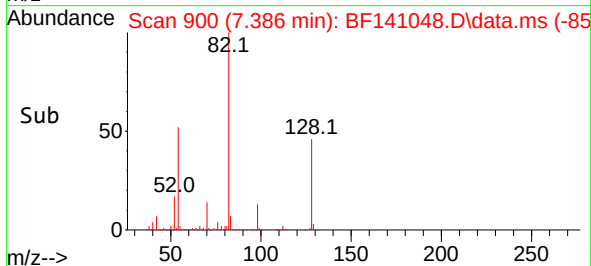
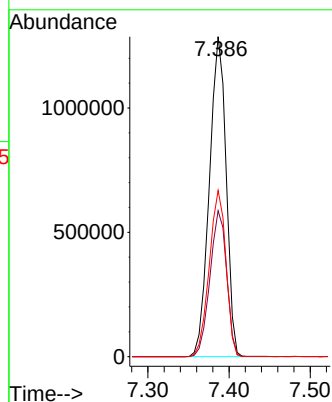
Tgt Ion: 82 Resp: 1838799

Ion Ratio Lower Upper

82 100

128 45.6 34.4 51.6

54 52.0 42.4 63.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF141048.D

Acq: 31 Dec 2024 10:17

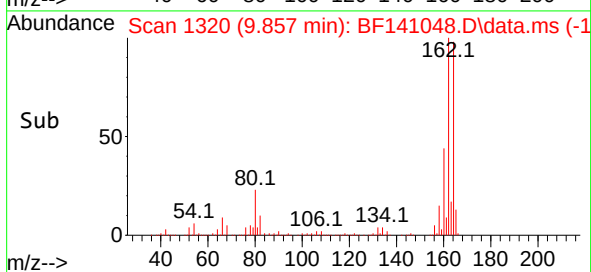
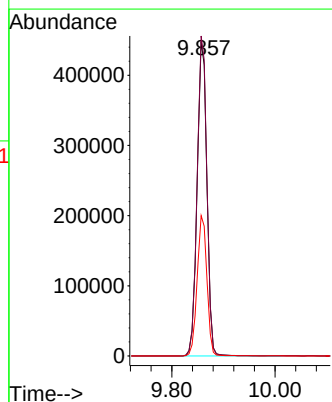
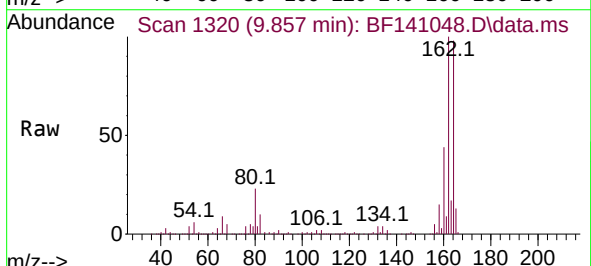
Tgt Ion: 164 Resp: 585956

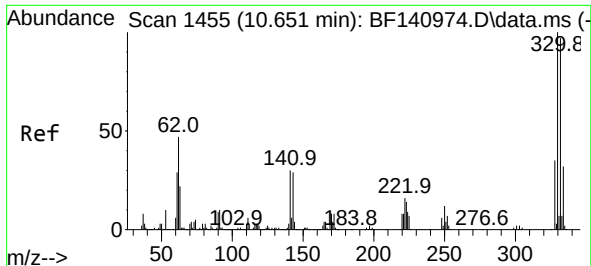
Ion Ratio Lower Upper

164 100

162 101.8 80.6 120.8

160 44.6 35.7 53.5

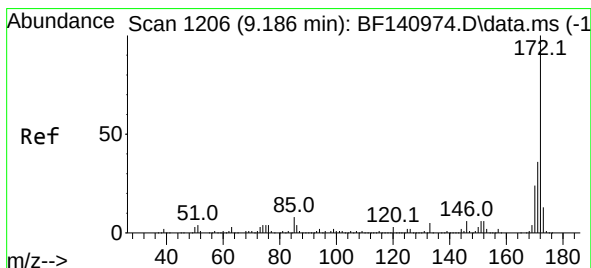
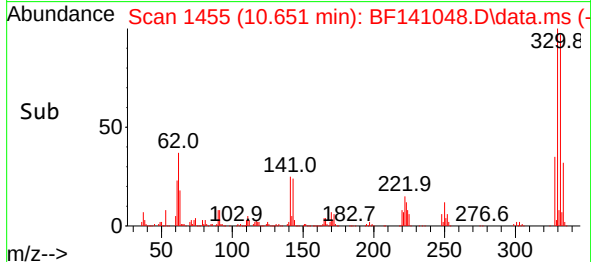
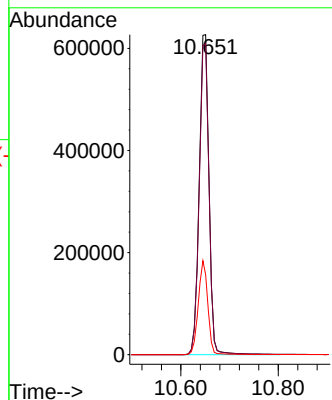
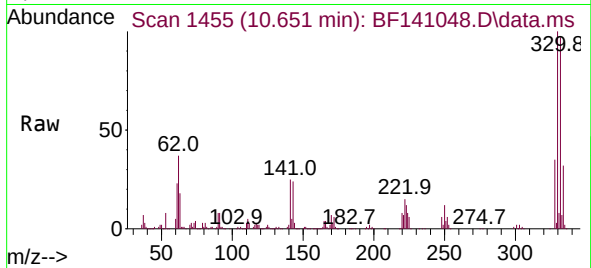




#42
2,4,6-Tribromophenol
Concen: 154.793 ng
RT: 10.651 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF141048.D
Acq: 31 Dec 2024 10:17

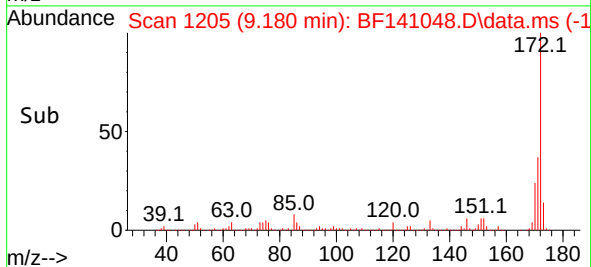
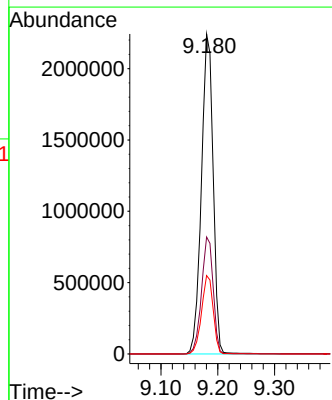
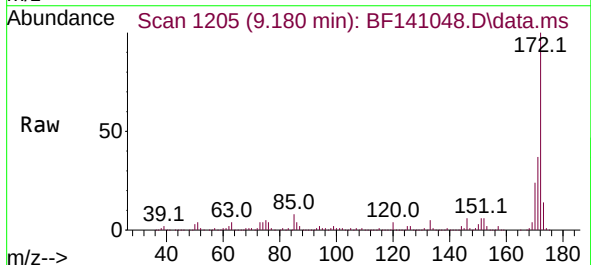
Instrument :
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PB165790BL

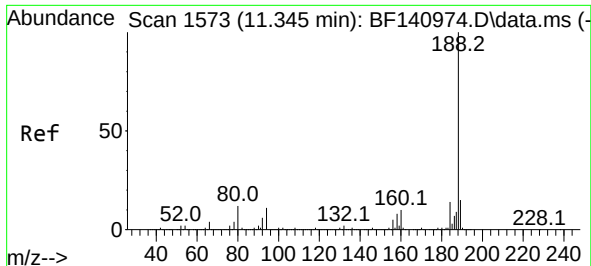
Tgt Ion:330 Resp: 881356
Ion Ratio Lower Upper
330 100
332 97.2 78.0 117.0
141 28.7 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 87.934 ng
RT: 9.180 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF141048.D
Acq: 31 Dec 2024 10:17

Tgt Ion:172 Resp: 3234014
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.4
170 24.5 19.6 29.4

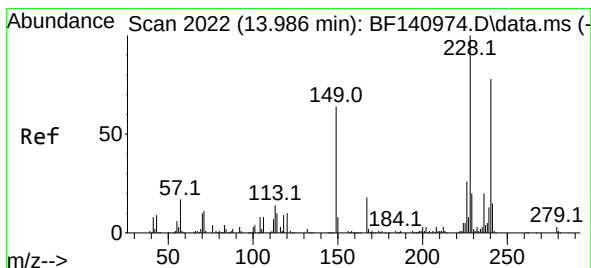
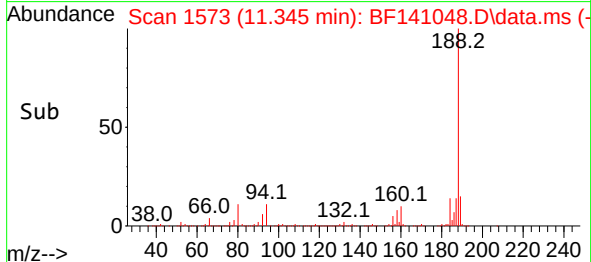
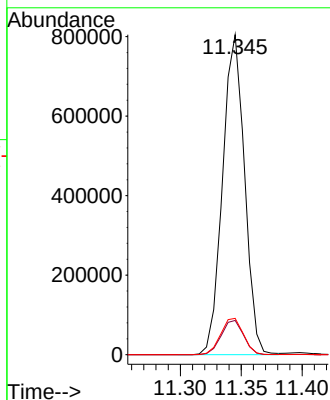
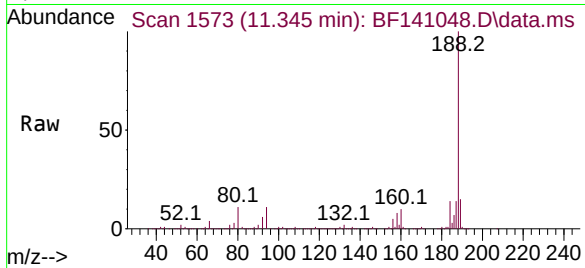




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141048.D
Acq: 31 Dec 2024 10:17

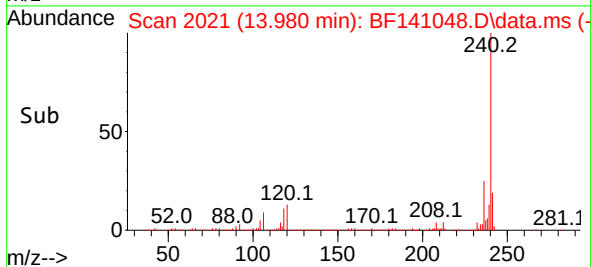
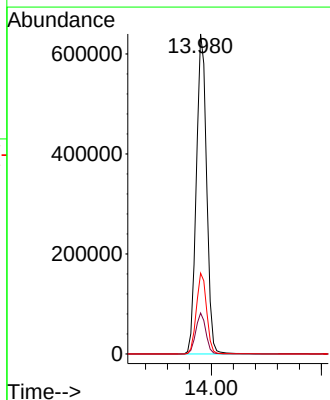
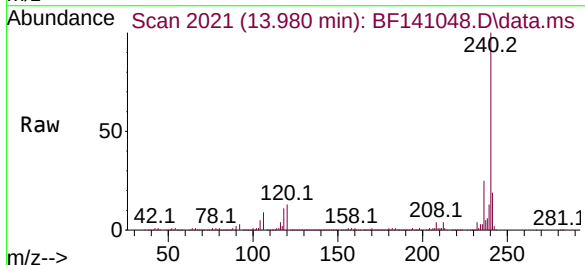
Instrument :
BNA_F
ClientSampleId :
PB165790BL

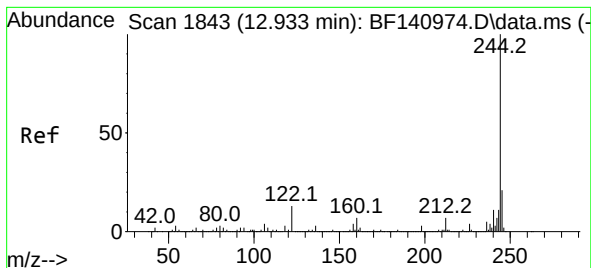
Tgt Ion:188 Resp: 1012788
Ion Ratio Lower Upper
188 100
94 10.7 9.0 13.6
80 11.3 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF141048.D
Acq: 31 Dec 2024 10:17

Tgt Ion:240 Resp: 831933
Ion Ratio Lower Upper
240 100
120 12.8 10.7 16.1
236 25.2 20.6 31.0





#79

Terphenyl-d14

Concen: 80.028 ng

RT: 12.933 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141048.D

Acq: 31 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165790BL

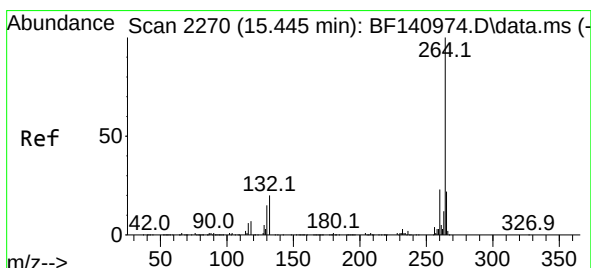
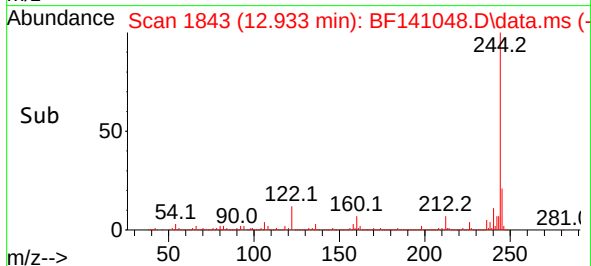
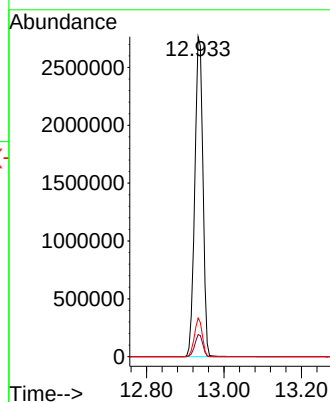
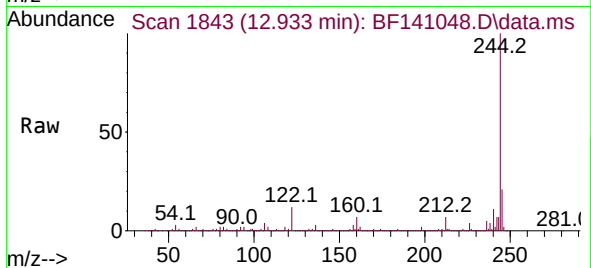
Tgt Ion:244 Resp: 4008313

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 12.0 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2270

Delta R.T. -0.000 min

Lab File: BF141048.D

Acq: 31 Dec 2024 10:17

Tgt Ion:264 Resp: 646759

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.6 17.4 26.2

