

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
 Data File : BF141121.D
 Acq On : 10 Jan 2025 18:38
 Operator : RC/JU
 Sample : PB166008BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166008BL

Quant Time: Jan 10 23:15:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	134985	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	541645	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	289787	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	497659	20.000	ng	0.00
76) Chrysene-d12	13.980	240	328478	20.000	ng	0.00
86) Perylene-d12	15.439	264	283426	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1319225	150.975	ng	0.01
7) Phenol-d6	6.440	99	1638237	148.009	ng	0.00
23) Nitrobenzene-d5	7.381	82	1061575	103.892	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	510544	154.620	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1939186	102.186	ng	0.00
79) Terphenyl-d14	12.933	244	2283217	103.312	ng	0.00

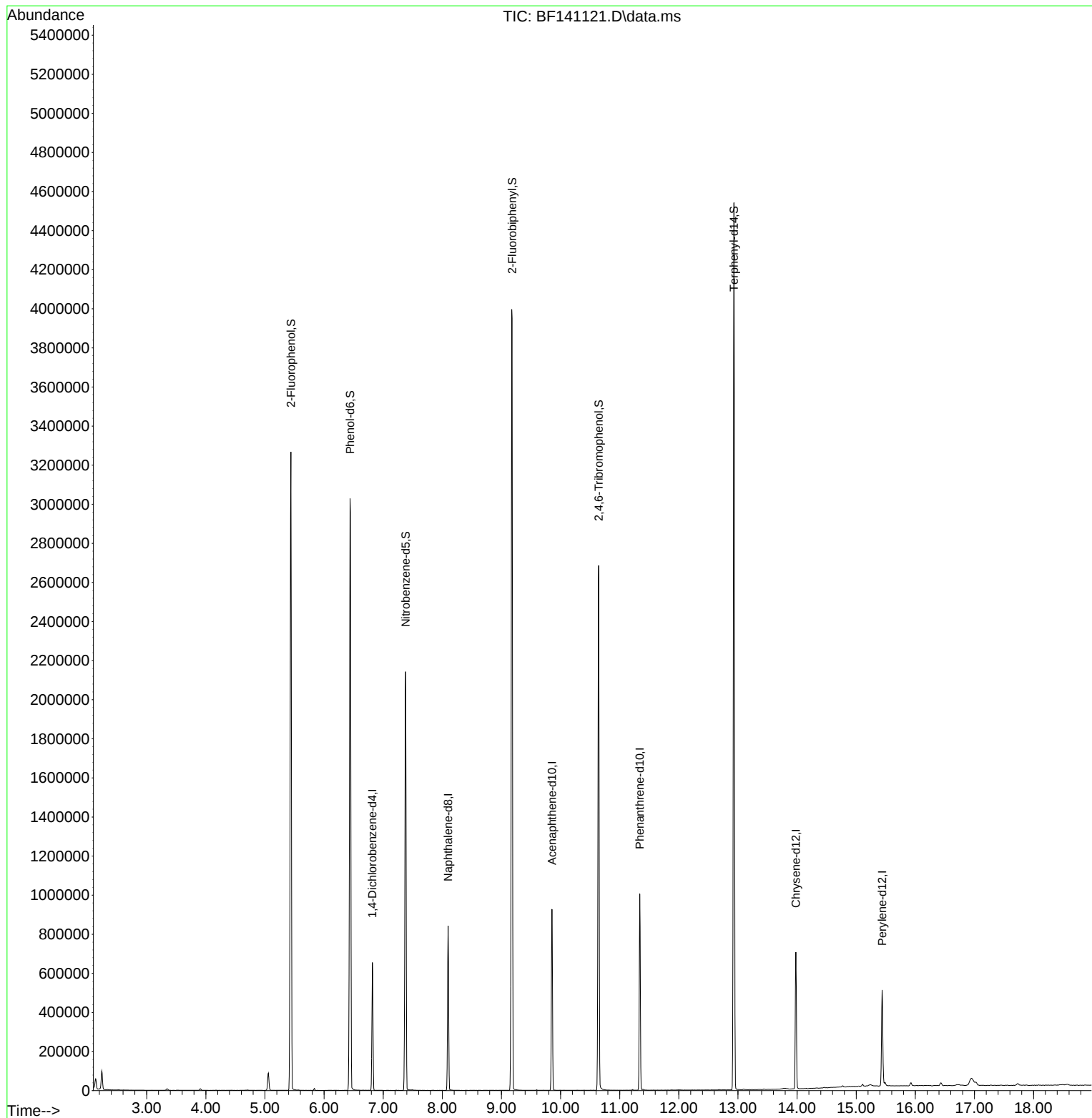
Target Compounds	Qvalue

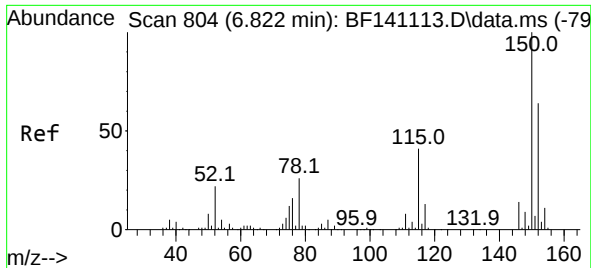
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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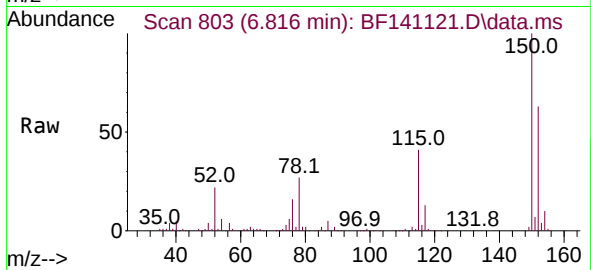
Quant Time: Jan 10 23:15:23 2025
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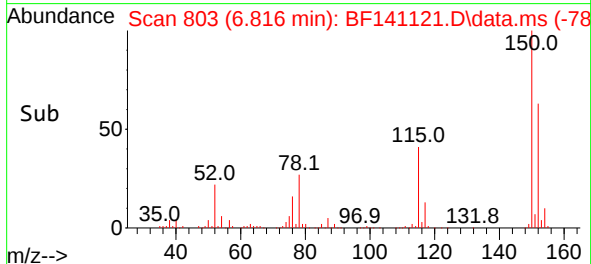
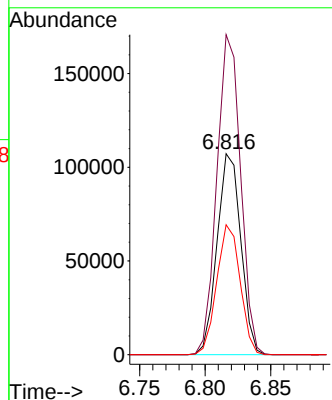


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF141121.D
Acq: 10 Jan 2025 18:38

Instrument :
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PB166008BL

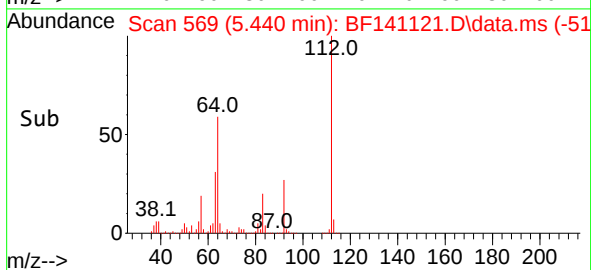
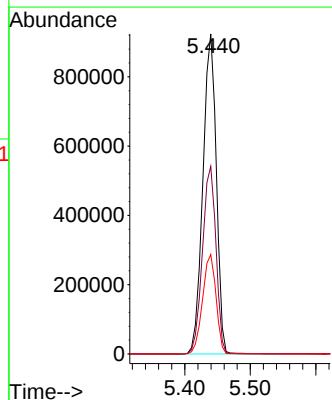
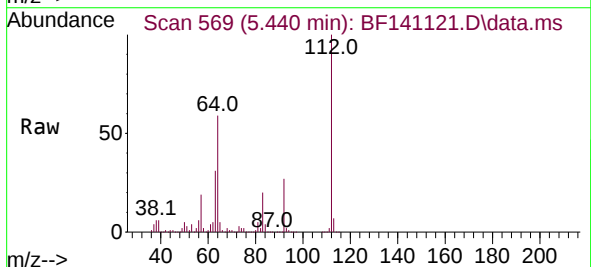


Tgt Ion:152 Resp: 134985
Ion Ratio Lower Upper
152 100
150 159.3 125.8 188.8
115 64.6 51.4 77.2



#5
2-Fluorophenol
Concen: 150.975 ng
RT: 5.440 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF141121.D
Acq: 10 Jan 2025 18:38

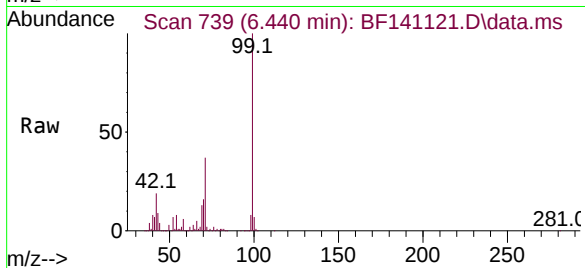
Tgt Ion:112 Resp: 1319225
Ion Ratio Lower Upper
112 100
64 58.6 47.3 70.9
63 31.1 24.2 36.2





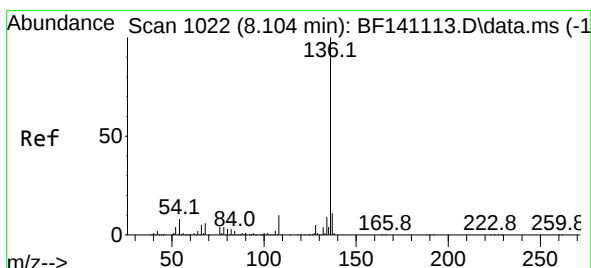
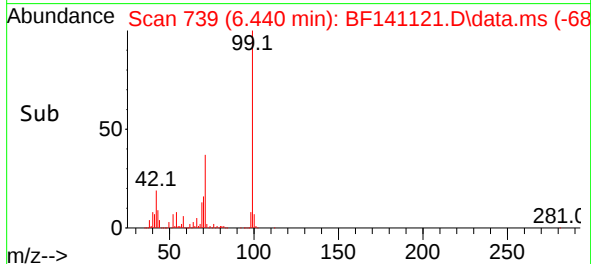
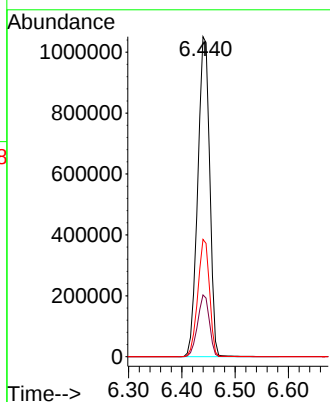
#7
Phenol-d6
Concen: 148.009 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141121.D
Acq: 10 Jan 2025 18:38

Instrument :
BNA_F
ClientSampleId :
PB166008BL



Tgt Ion: 99 Resp: 1638237

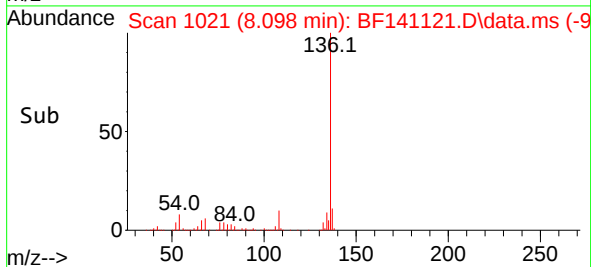
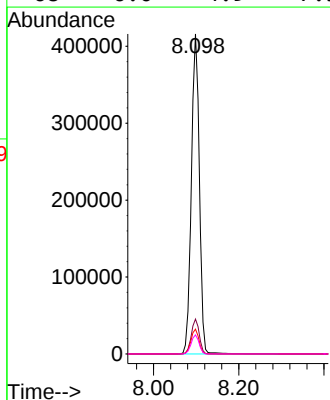
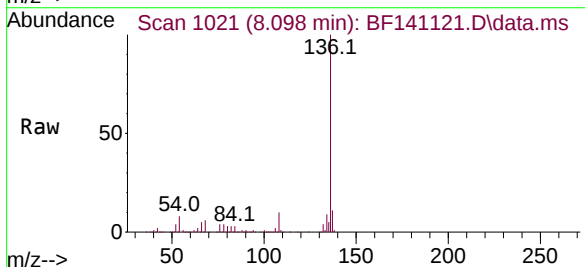
Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.0	22.4
71	36.6	27.6	41.4

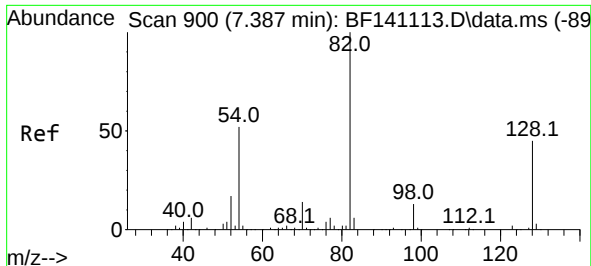


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF141121.D
Acq: 10 Jan 2025 18:38

Tgt Ion: 136 Resp: 541645

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.8	6.3	9.5
68	6.0	4.9	7.3





#23

Nitrobenzene-d5

Concen: 103.892 ng

RT: 7.381 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF141121.D

Acq: 10 Jan 2025 18:38

Instrument :

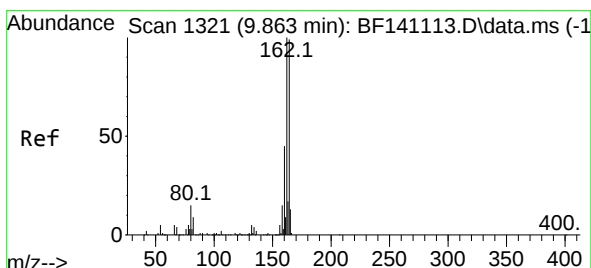
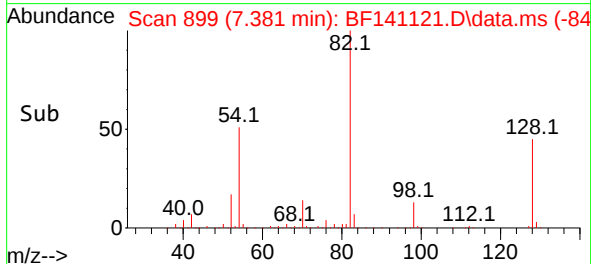
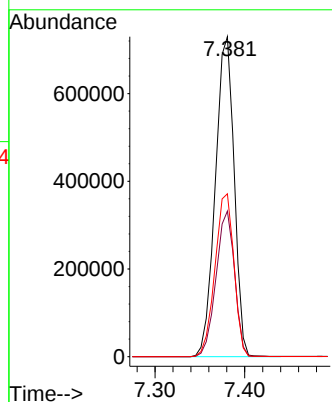
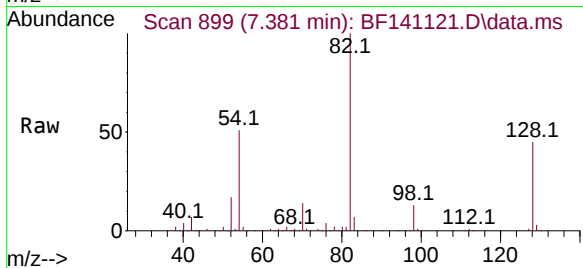
BNA_F

ClientSampleId :

PB166008BL

Tgt Ion: 82 Resp: 1061575

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	50.9	41.0	61.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1320

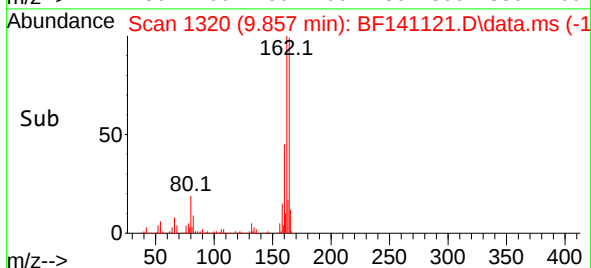
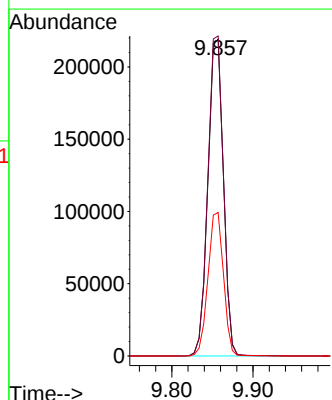
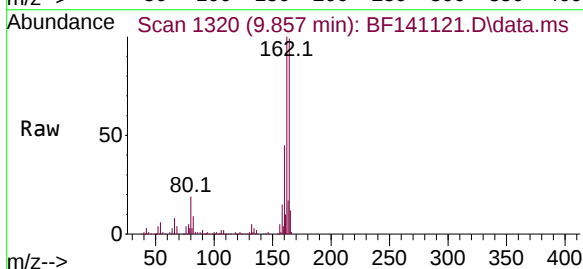
Delta R.T. -0.006 min

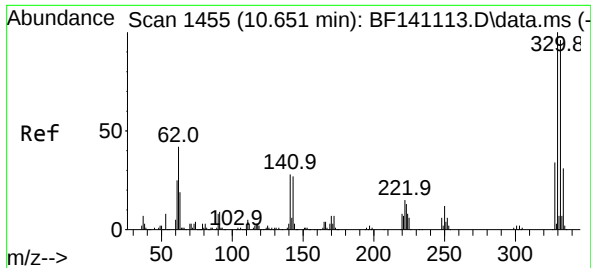
Lab File: BF141121.D

Acq: 10 Jan 2025 18:38

Tgt Ion:164 Resp: 289787

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.0	121.4
160	45.3	36.1	54.1

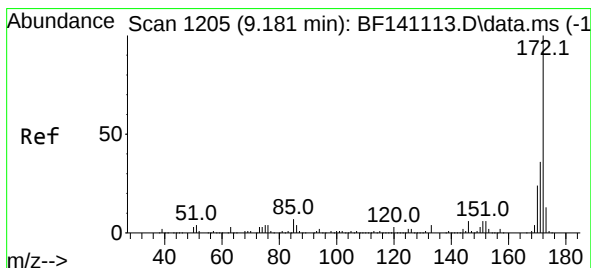
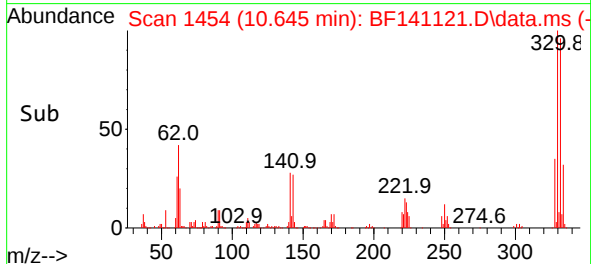
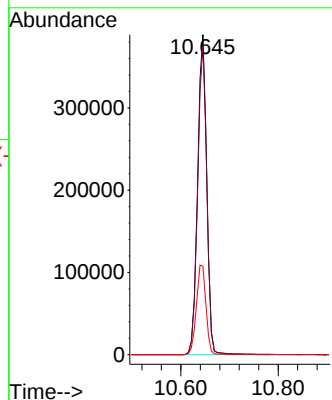
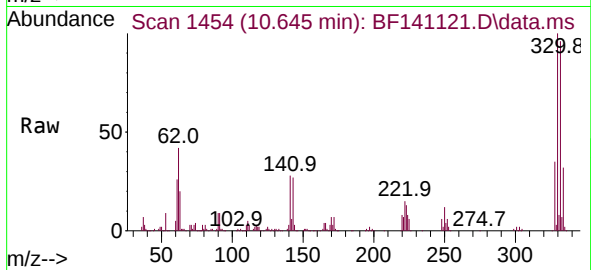




#42
2,4,6-Tribromophenol
Concen: 154.620 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF141121.D
Acq: 10 Jan 2025 18:38

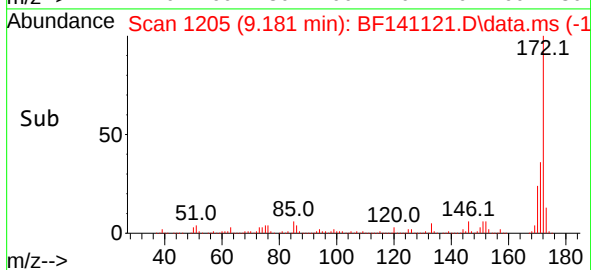
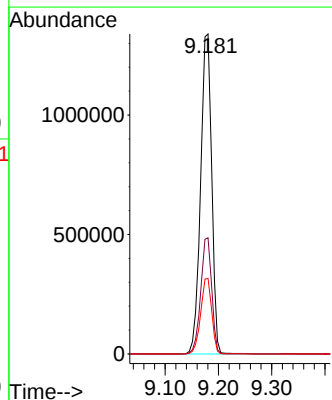
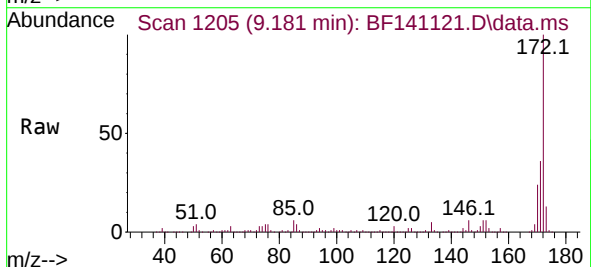
Instrument :
BNA_F
ClientSampleId :
PB166008BL

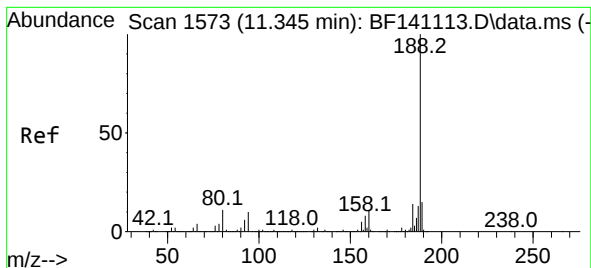
Tgt Ion:330 Resp: 510544
Ion Ratio Lower Upper
330 100
332 96.6 76.9 115.3
141 29.5 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 102.186 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF141121.D
Acq: 10 Jan 2025 18:38

Tgt Ion:172 Resp: 1939186
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 23.6 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141121.D

Acq: 10 Jan 2025 18:38

Instrument :

BNA_F

ClientSampleId :

PB166008BL

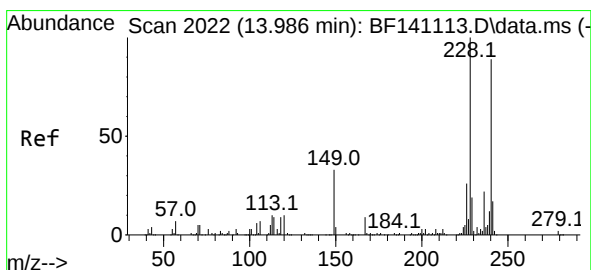
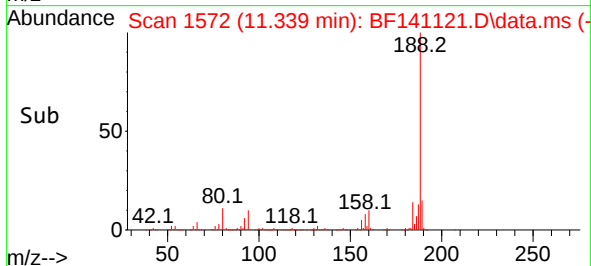
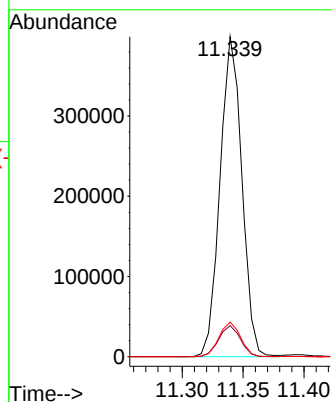
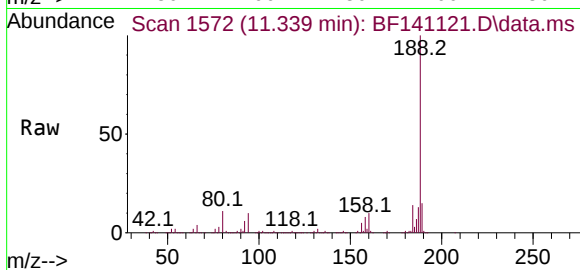
Tgt Ion:188 Resp: 497659

Ion Ratio Lower Upper

188 100

94 9.7 8.3 12.5

80 10.8 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF141121.D

Acq: 10 Jan 2025 18:38

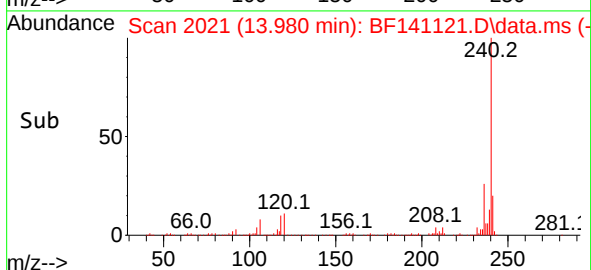
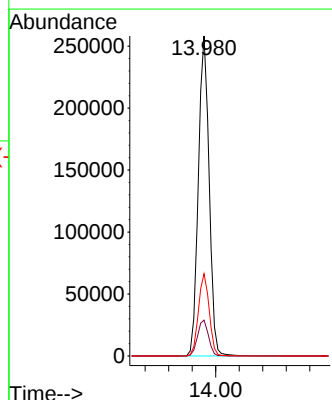
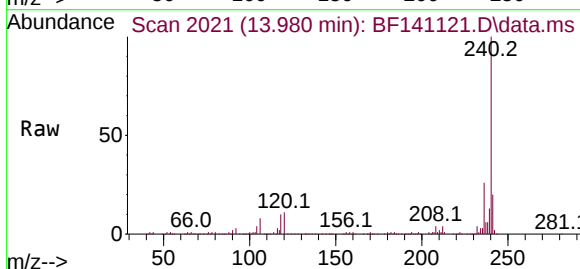
Tgt Ion:240 Resp: 328478

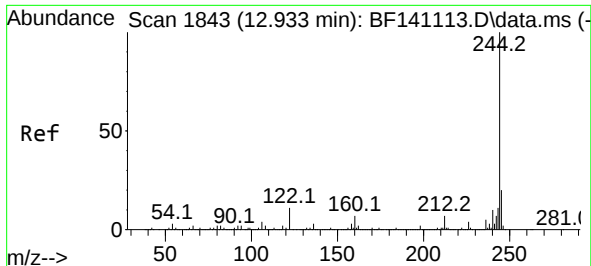
Ion Ratio Lower Upper

240 100

120 11.2 9.1 13.7

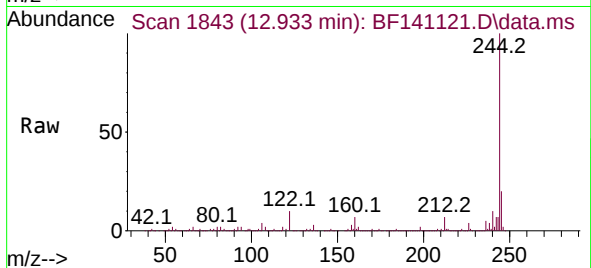
236 25.7 19.8 29.6



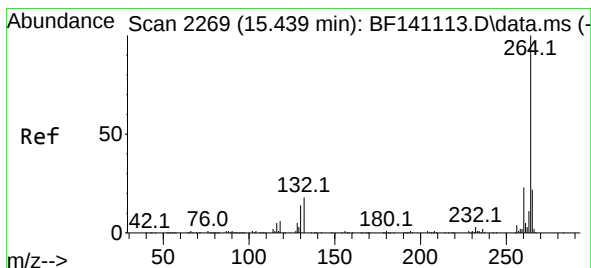
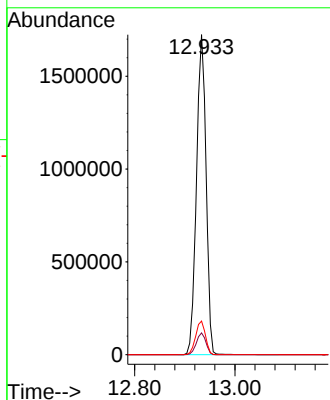
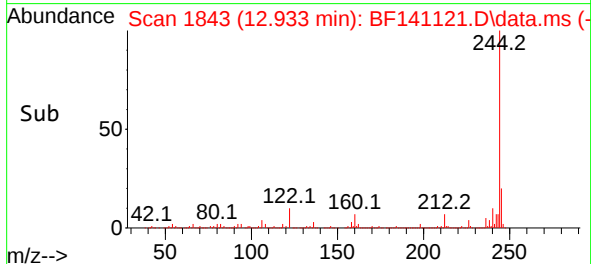


#79
 Terphenyl-d14
 Concen: 103.312 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF141121.D
 Acq: 10 Jan 2025 18:38

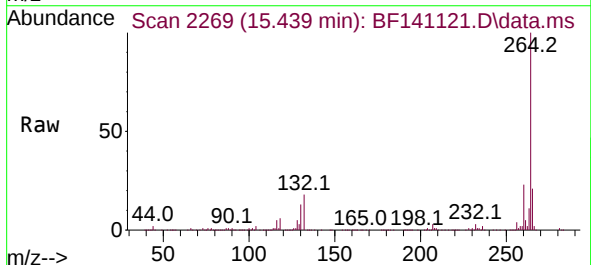
Instrument :
 BNA_F
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 PB166008BL



Tgt Ion:244 Resp: 2283217
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.5 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2269
 Delta R.T. -0.000 min
 Lab File: BF141121.D
 Acq: 10 Jan 2025 18:38



Tgt Ion:264 Resp: 283426
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.3 17.4 26.0

