

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
 Data File : BF141194.D
 Acq On : 17 Jan 2025 15:51
 Operator : RC/JU
 Sample : PB166097BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166097BL

Quant Time: Jan 17 16:12:20 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	6.810	152	192217	20.000	ng	-0.01
21) Naphthalene-d8	8.086	136	782624	20.000	ng	-0.02
39) Acenaphthene-d10	9.839	164	428613	20.000	ng	-0.02
64) Phenanthrene-d10	11.327	188	746936	20.000	ng	-0.02
76) Chrysene-d12	13.963	240	558933	20.000	ng	-0.02
86) Perylene-d12	15.421	264	453032	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1457811	117.161	ng	0.00
7) Phenol-d6	6.434	99	1823551	115.697	ng	-0.01
23) Nitrobenzene-d5	7.369	82	1182269	80.077	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	617981	126.538	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	2223252	79.209	ng	-0.02
79) Terphenyl-d14	12.921	244	2741686	72.906	ng	-0.01

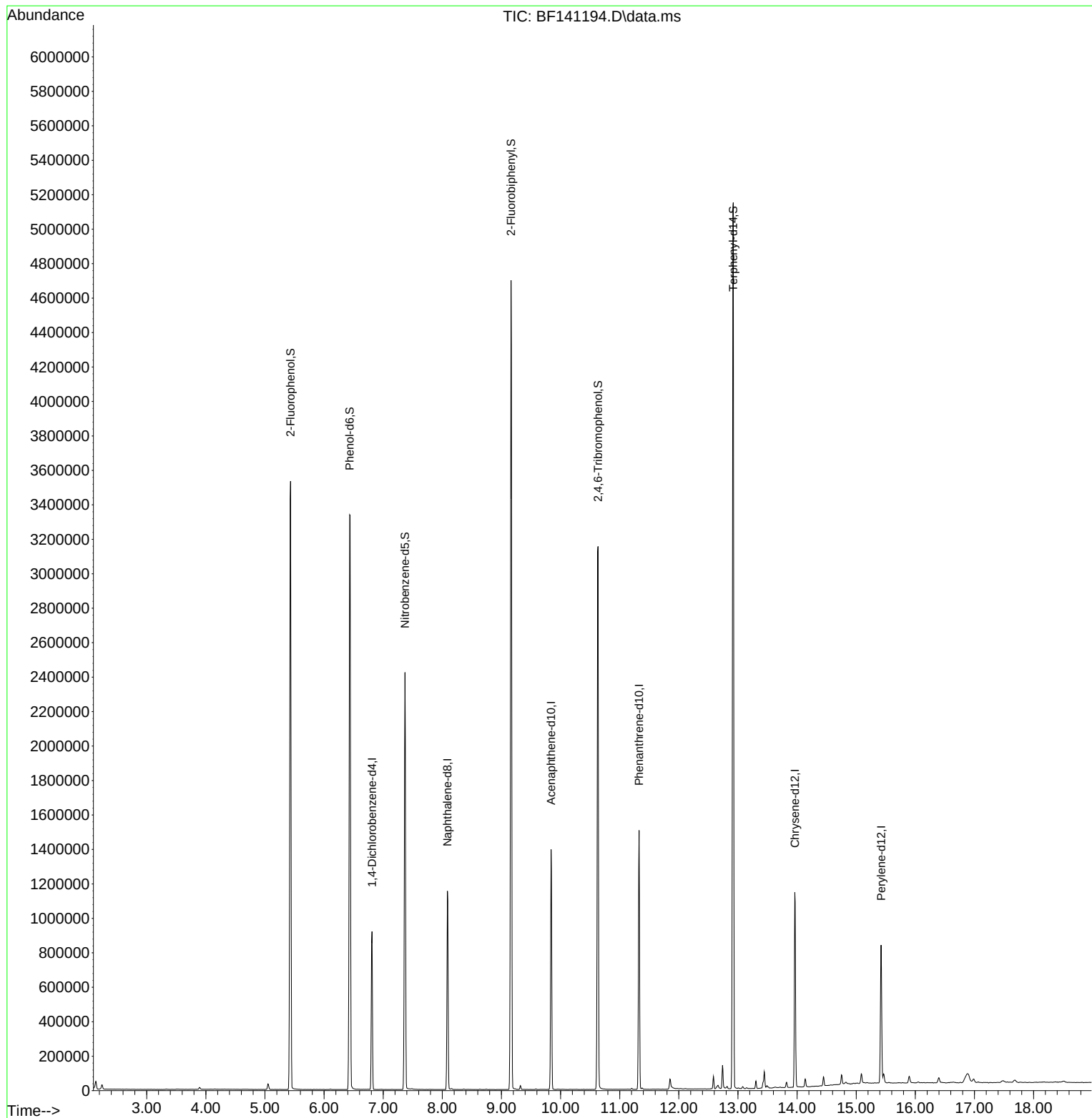
Target Compounds	Qvalue

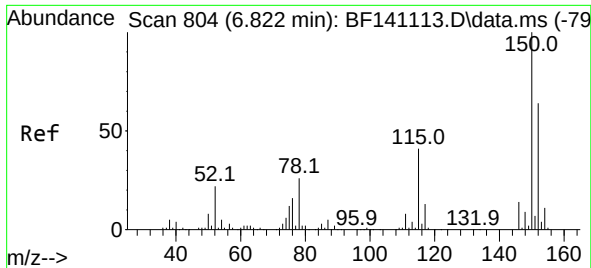
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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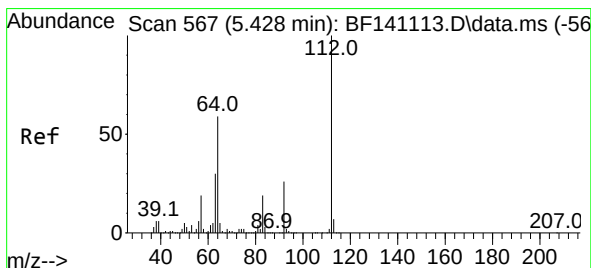
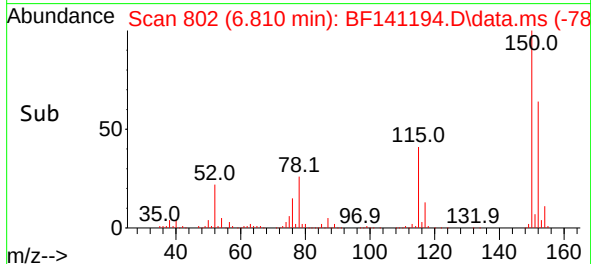
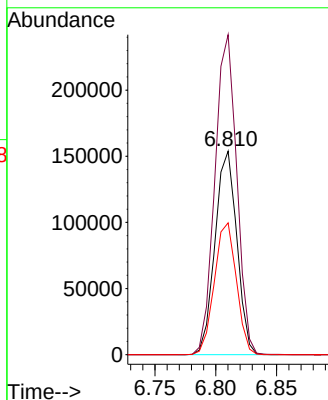
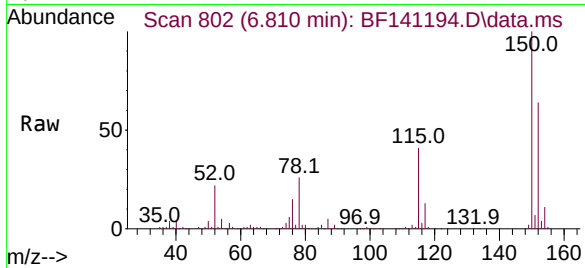




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.012 min
Lab File: BF141194.D
Acq: 17 Jan 2025 15:51

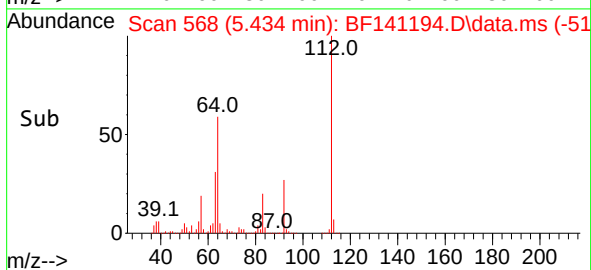
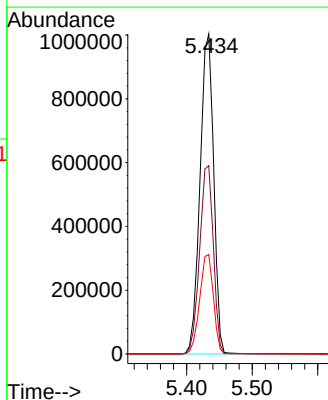
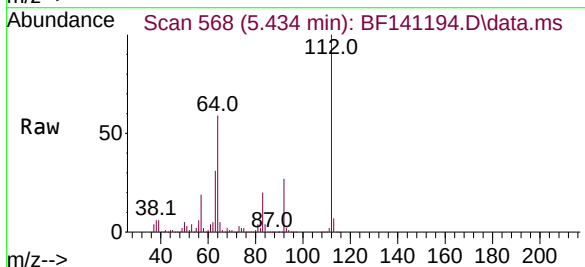
Instrument :
BNA_F
ClientSampleId :
PB166097BL

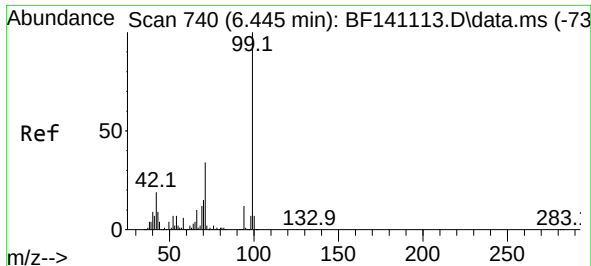
Tgt Ion:152 Resp: 192217
Ion Ratio Lower Upper
152 100
150 157.2 125.8 188.8
115 64.7 51.4 77.2



#5
2-Fluorophenol
Concen: 117.161 ng
RT: 5.434 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF141194.D
Acq: 17 Jan 2025 15:51

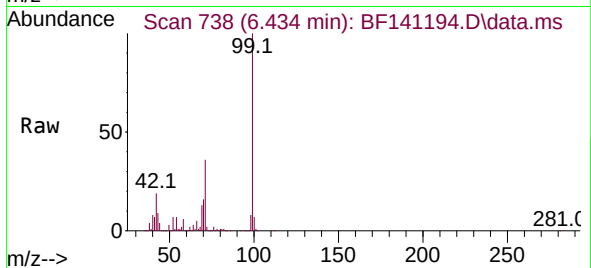
Tgt Ion:112 Resp: 1457811
Ion Ratio Lower Upper
112 100
64 58.8 47.3 70.9
63 31.1 24.2 36.2





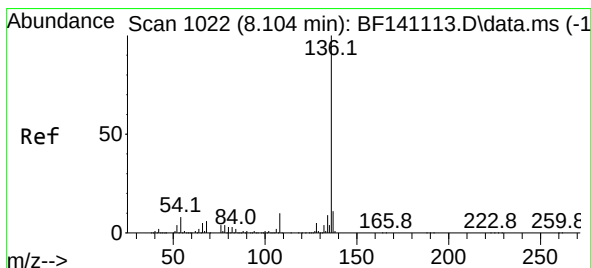
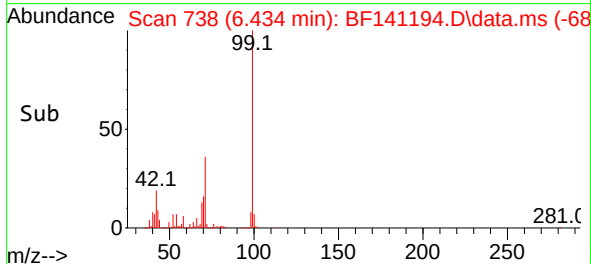
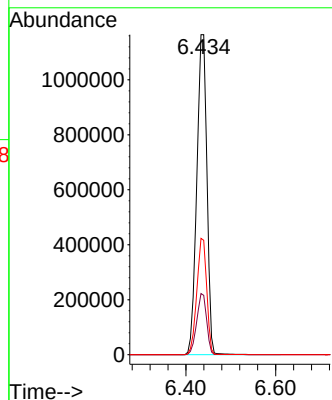
#7
Phenol-d6
Concen: 115.697 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141194.D
Acq: 17 Jan 2025 15:51

Instrument :
BNA_F
ClientSampleId :
PB166097BL



Tgt Ion: 99 Resp: 1823551

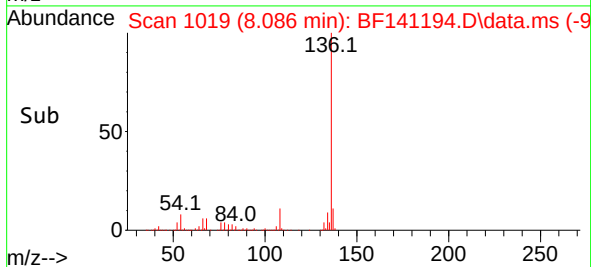
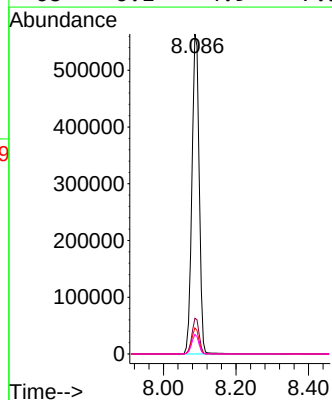
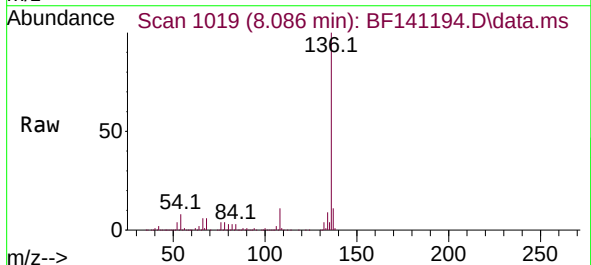
Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.0	22.4
71	36.3	27.6	41.4

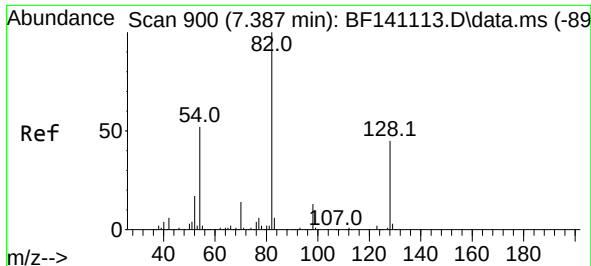


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF141194.D
Acq: 17 Jan 2025 15:51

Tgt Ion: 136 Resp: 782624

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.2	6.3	9.5
68	6.1	4.9	7.3





#23

Nitrobenzene-d5

Concen: 80.077 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.018 min

Lab File: BF141194.D

Acq: 17 Jan 2025 15:51

Instrument :

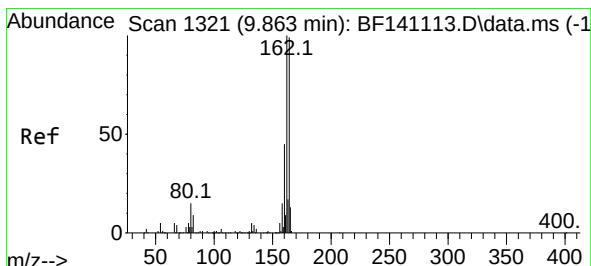
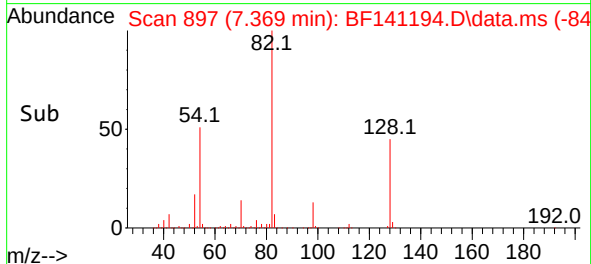
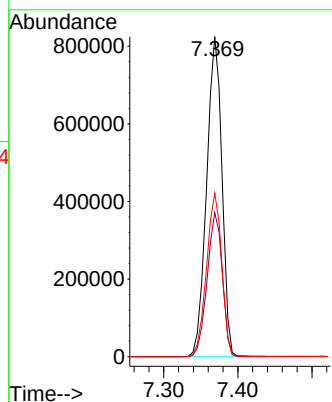
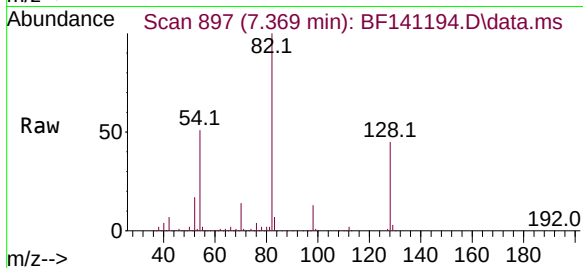
BNA_F

ClientSampleId :

PB166097BL

Tgt Ion: 82 Resp: 1182269

Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	51.1	41.0	61.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1317

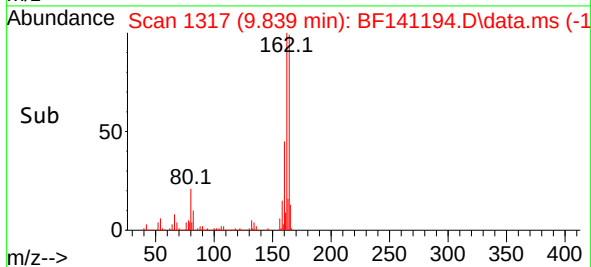
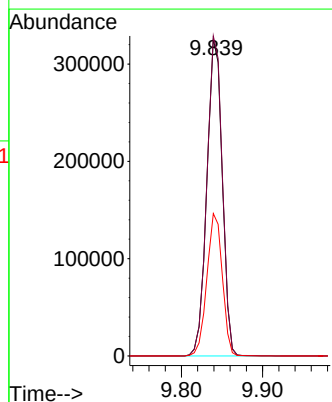
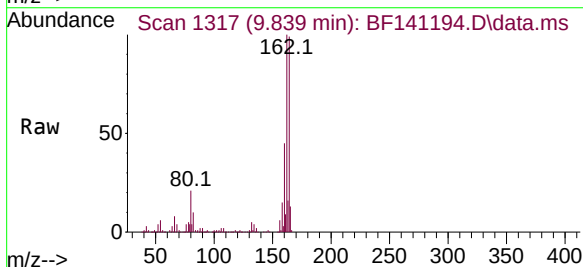
Delta R.T. -0.024 min

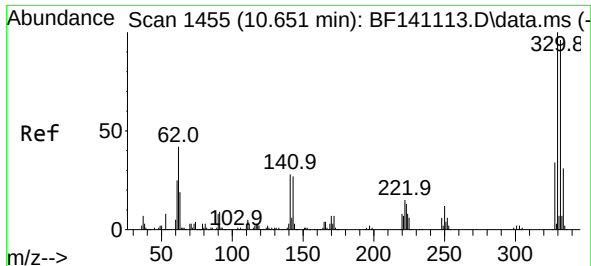
Lab File: BF141194.D

Acq: 17 Jan 2025 15:51

Tgt Ion:164 Resp: 428613

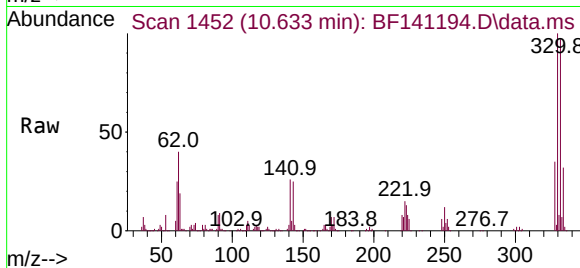
Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.0	121.4
160	44.9	36.1	54.1



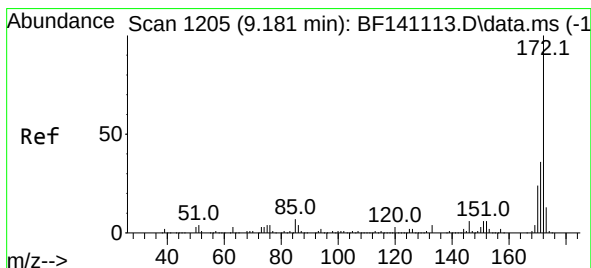
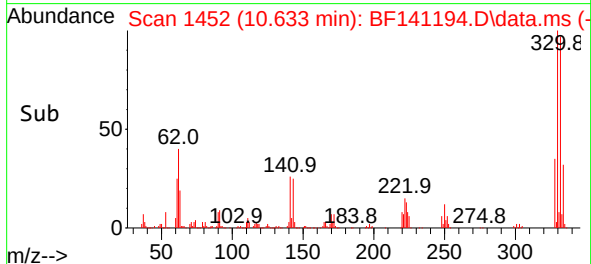
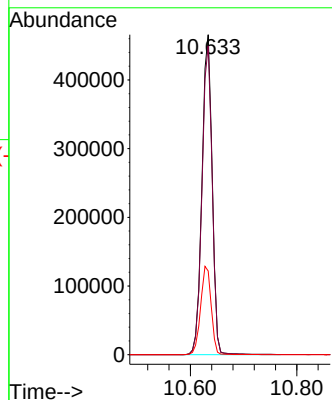


#42
2,4,6-Tribromophenol
Concen: 126.538 ng
RT: 10.633 min Scan# 1455
Delta R.T. -0.018 min
Lab File: BF141194.D
Acq: 17 Jan 2025 15:51

Instrument :
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ClientSampleId :
PB166097BL

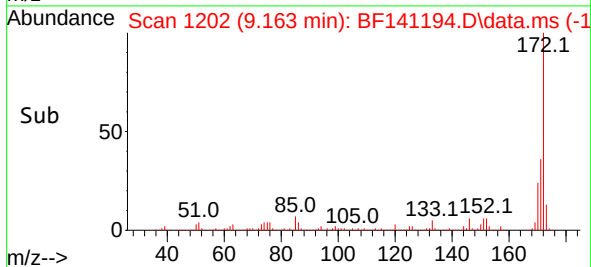
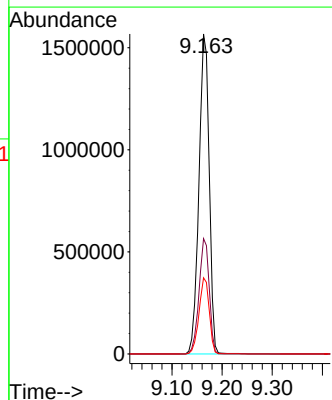
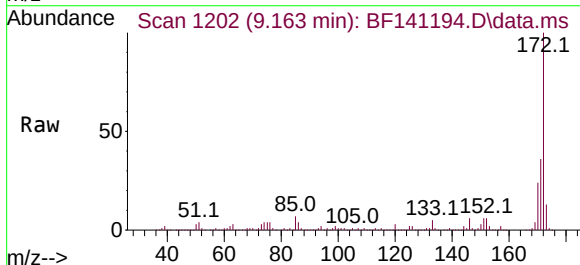


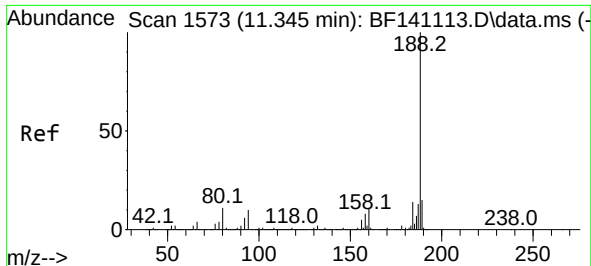
Tgt Ion:330 Resp: 617981
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 28.6 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 79.209 ng
RT: 9.163 min Scan# 1202
Delta R.T. -0.018 min
Lab File: BF141194.D
Acq: 17 Jan 2025 15:51

Tgt Ion:172 Resp: 2223252
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 23.8 19.0 28.6

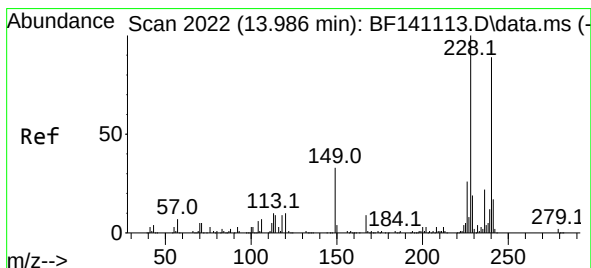
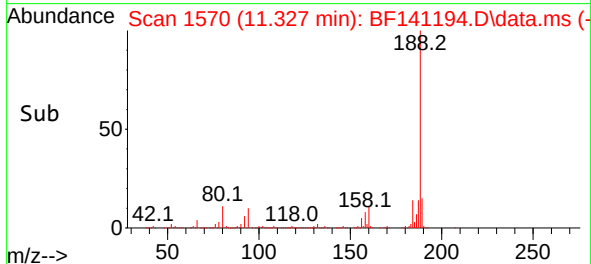
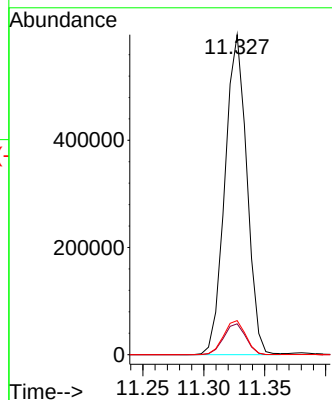
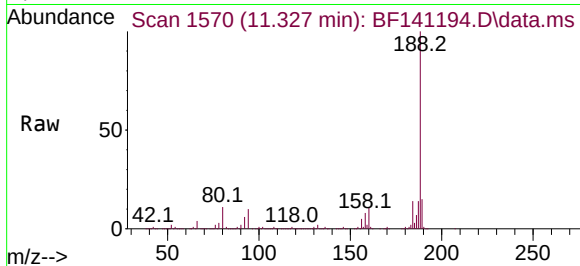




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141194.D
Acq: 17 Jan 2025 15:51

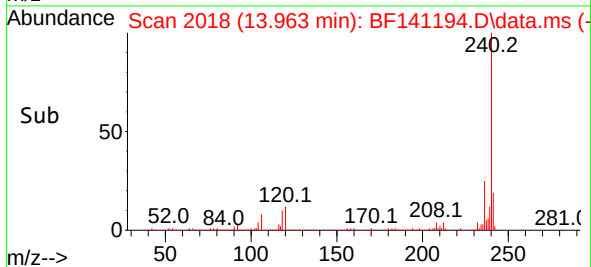
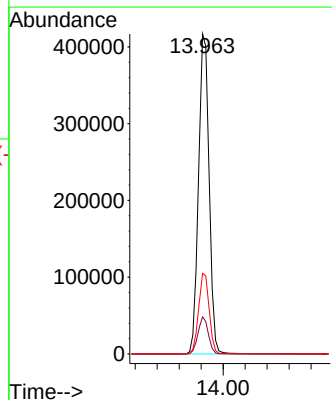
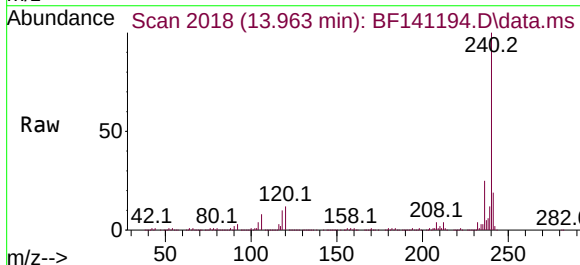
Instrument :
BNA_F
ClientSampleId :
PB166097BL

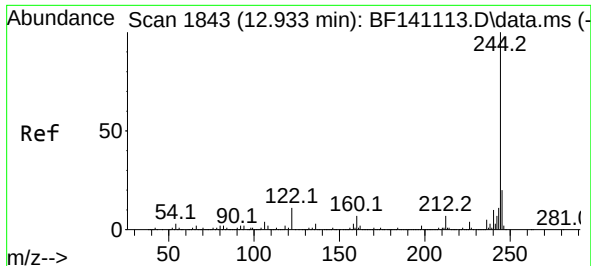
Tgt Ion:188 Resp: 746936
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 10.6 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.024 min
Lab File: BF141194.D
Acq: 17 Jan 2025 15:51

Tgt Ion:240 Resp: 558933
Ion Ratio Lower Upper
240 100
120 11.6 9.1 13.7
236 25.2 19.8 29.6

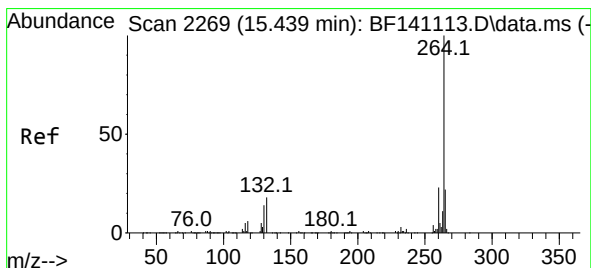
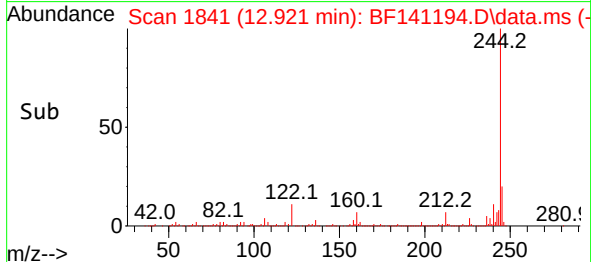
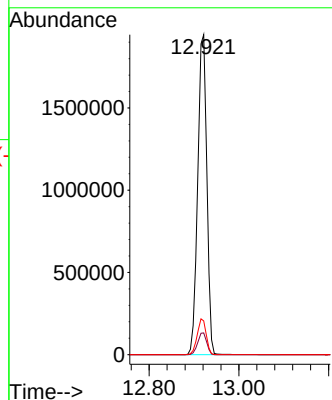
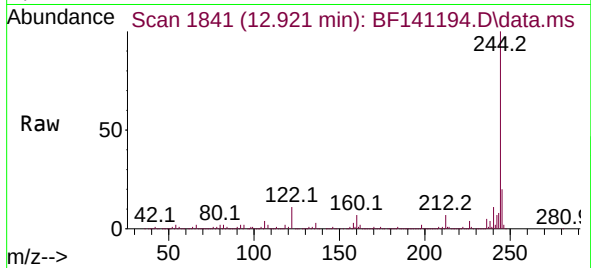




#79
 Terphenyl-d14
 Concen: 72.906 ng
 RT: 12.921 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF141194.D
 Acq: 17 Jan 2025 15:51

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 2741686
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.6 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2266
 Delta R.T. -0.018 min
 Lab File: BF141194.D
 Acq: 17 Jan 2025 15:51

Tgt Ion:264 Resp: 453032
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.7 17.4 26.0

