

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142208.D
 Acq On : 21 Apr 2025 19:09
 Operator : RC/JU
 Sample : PB167645BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167645BL

Quant Time: Apr 22 02:47:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 02:14:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	474814	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	1852802	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	1074264	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	1960134	20.000	ng	0.00
76) Chrysene-d12	14.027	240	1232084	20.000	ng	0.00
86) Perylene-d12	15.504	264	1165151	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	3286243	129.760	ng	0.02
7) Phenol-d6	6.493	99	3865771	121.885	ng	0.00
23) Nitrobenzene-d5	7.428	82	2636556	89.369	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	1924449	131.022	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	5578814	84.645	ng	0.00
79) Terphenyl-d14	12.974	244	6468874	87.959	ng	0.00

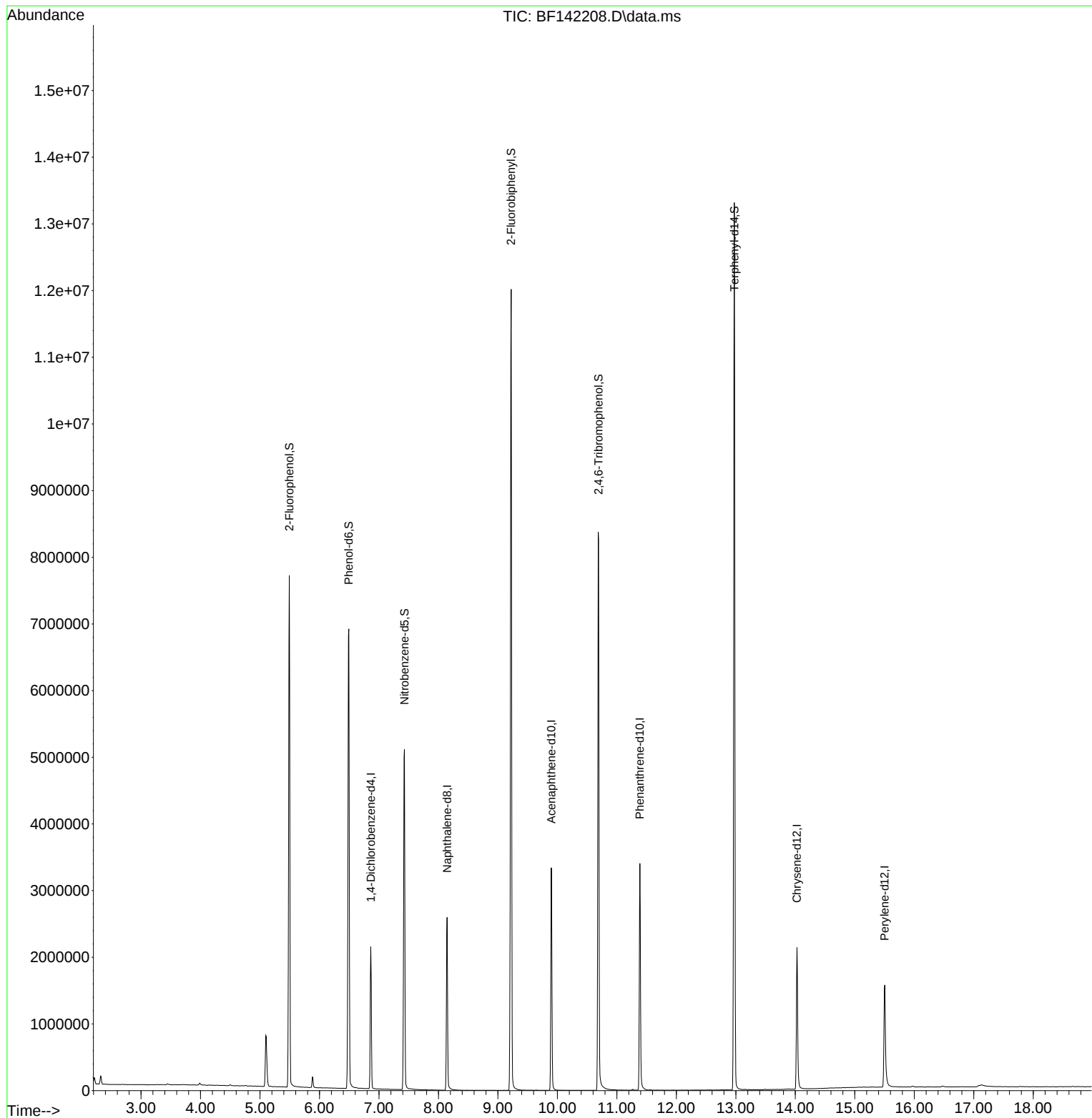
Target Compounds	Qvalue

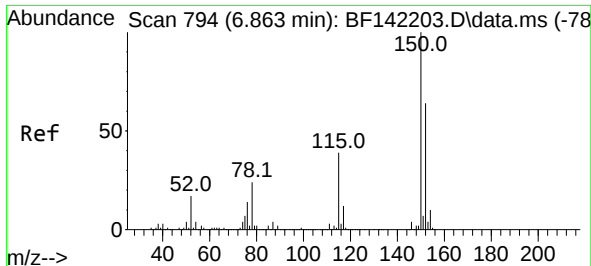
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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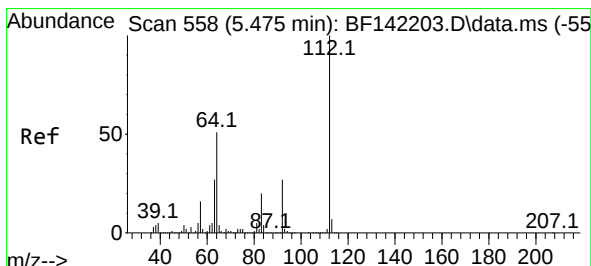
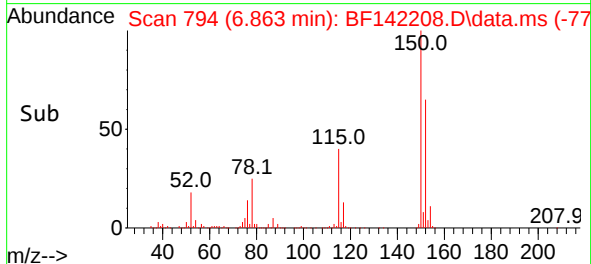
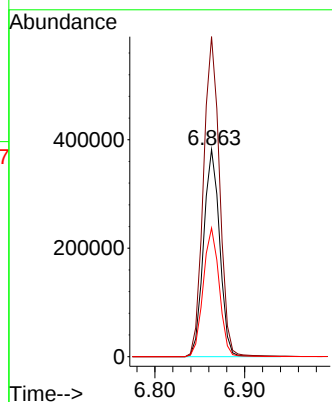
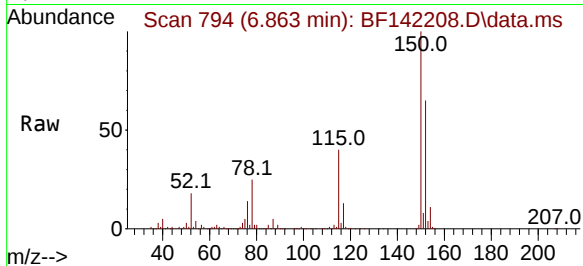




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 794
 Delta R.T. 0.000 min
 Lab File: BF142208.D
 Acq: 21 Apr 2025 19:09

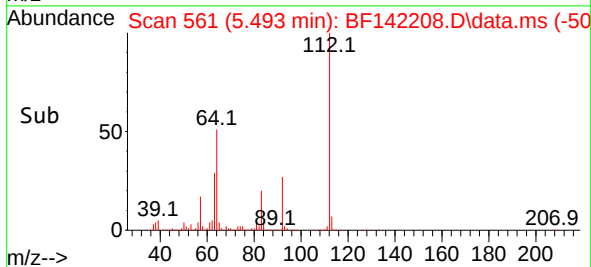
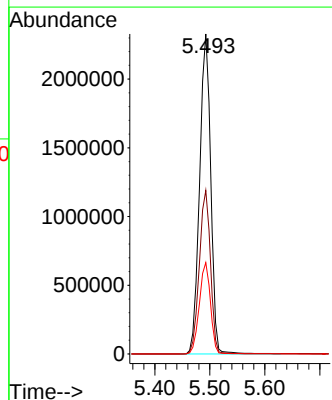
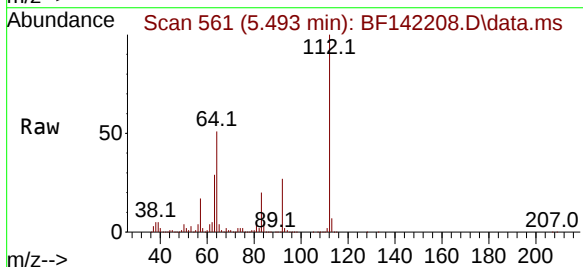
Instrument :
 BNA_F
 ClientSampleId :
 PB167645BL

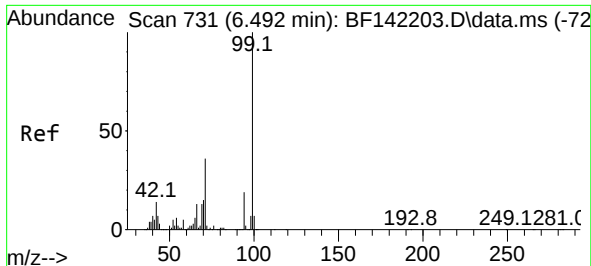
Tgt Ion:152 Resp: 474814
 Ion Ratio Lower Upper
 152 100
 150 154.4 126.4 189.6
 115 62.1 49.4 74.2



#5
 2-Fluorophenol
 Concen: 129.760 ng
 RT: 5.493 min Scan# 561
 Delta R.T. 0.018 min
 Lab File: BF142208.D
 Acq: 21 Apr 2025 19:09

Tgt Ion:112 Resp: 3286243
 Ion Ratio Lower Upper
 112 100
 64 51.1 40.9 61.3
 63 28.6 22.0 33.0

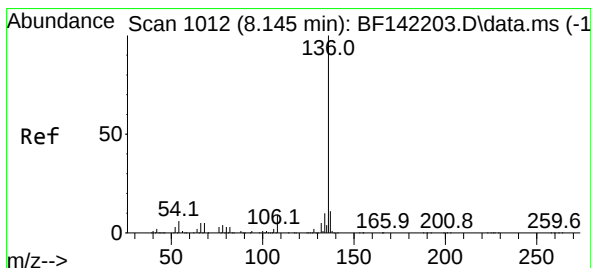
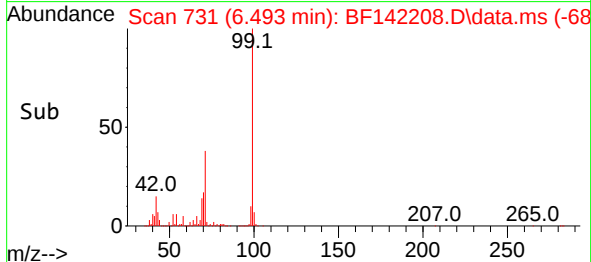
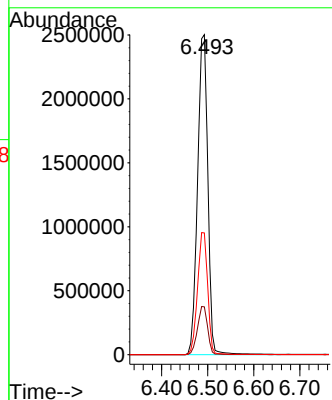
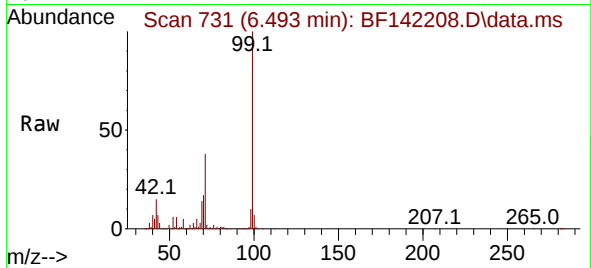




#7
Phenol-d6
Concen: 121.885 ng
RT: 6.493 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF142208.D
Acq: 21 Apr 2025 19:09

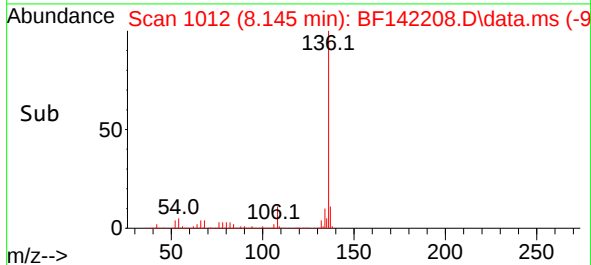
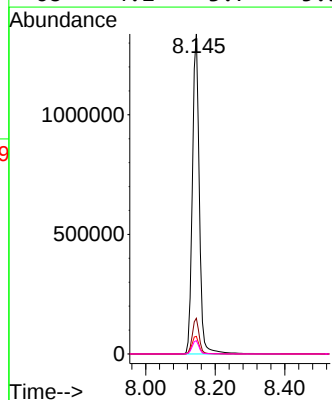
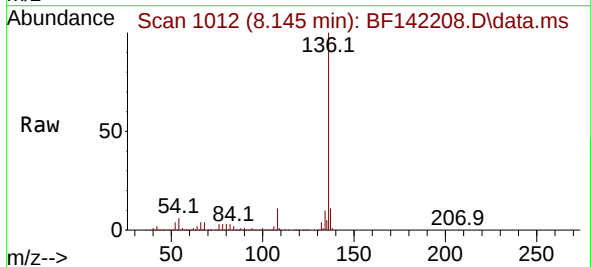
Instrument :
BNA_F
ClientSampleId :
PB167645BL

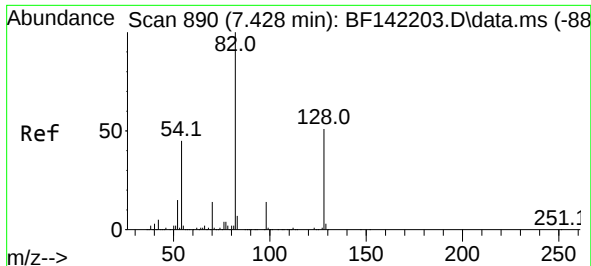
Tgt Ion: 99 Resp: 3865771
Ion Ratio Lower Upper
99 100
42 14.9 11.5 17.3
71 38.0 28.6 42.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF142208.D
Acq: 21 Apr 2025 19:09

Tgt Ion:136 Resp: 1852802
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 5.5 4.7 7.1
68 4.2 3.7 5.5





#23

Nitrobenzene-d5

Concen: 89.369 ng

RT: 7.428 min Scan# 890

Delta R.T. -0.000 min

Lab File: BF142208.D

Acq: 21 Apr 2025 19:09

Instrument :

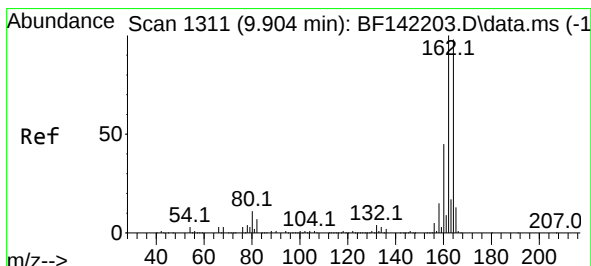
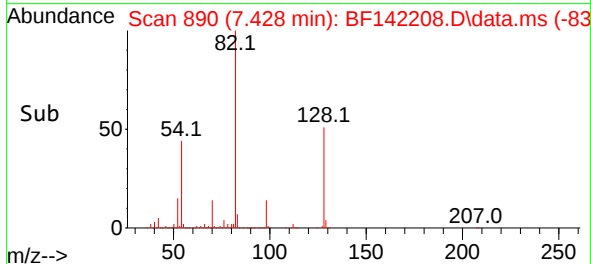
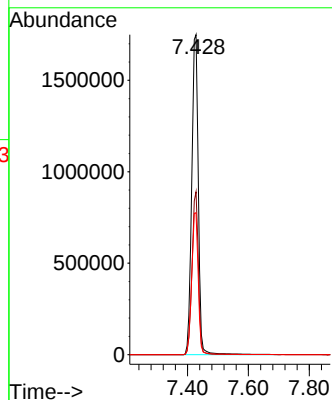
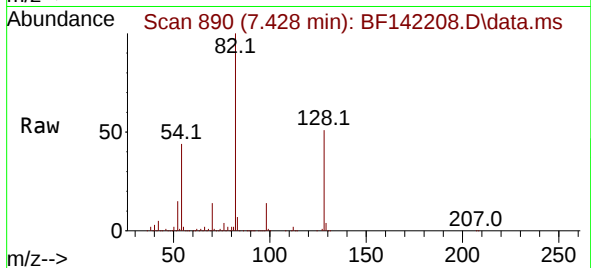
BNA_F

ClientSampleId :

PB167645BL

Tgt Ion: 82 Resp: 2636556

Ion	Ratio	Lower	Upper
82	100		
128	50.9	40.2	60.2
54	44.3	35.5	53.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1310

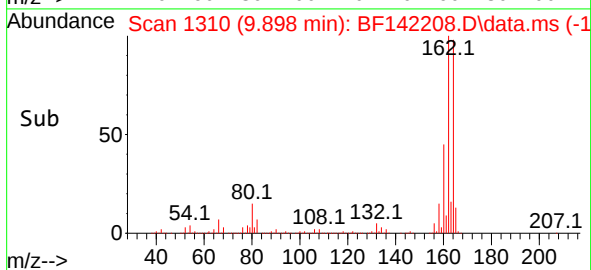
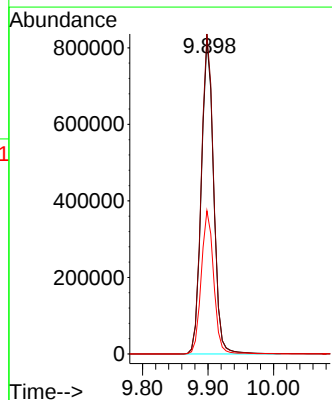
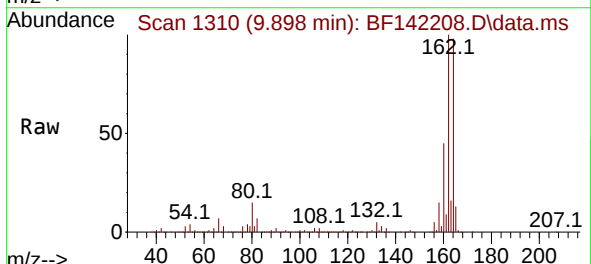
Delta R.T. -0.006 min

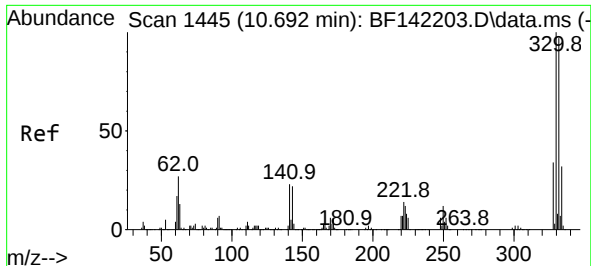
Lab File: BF142208.D

Acq: 21 Apr 2025 19:09

Tgt Ion: 164 Resp: 1074264

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.9	122.9
160	45.7	36.8	55.2





#42

2,4,6-Tribromophenol

Concen: 131.022 ng

RT: 10.692 min Scan# 1445

Delta R.T. 0.000 min

Lab File: BF142208.D

Acq: 21 Apr 2025 19:09

Instrument :

BNA_F

ClientSampleId :

PB167645BL

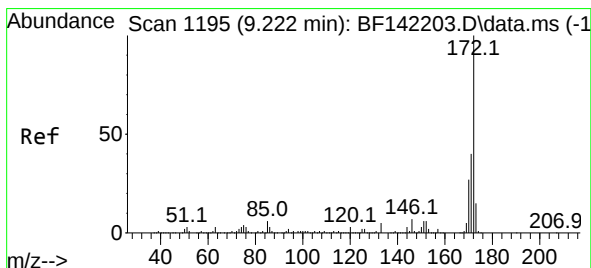
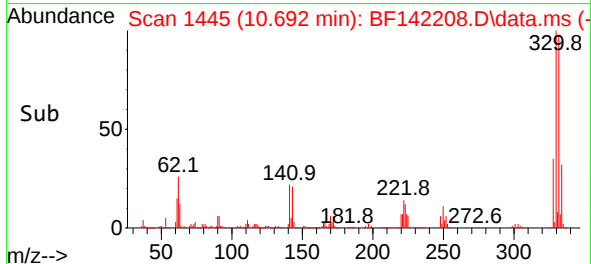
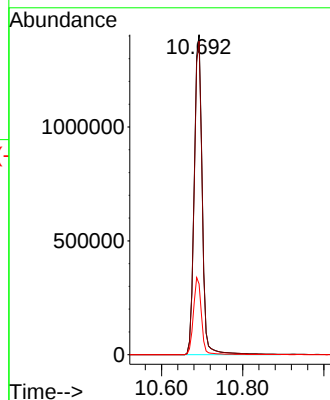
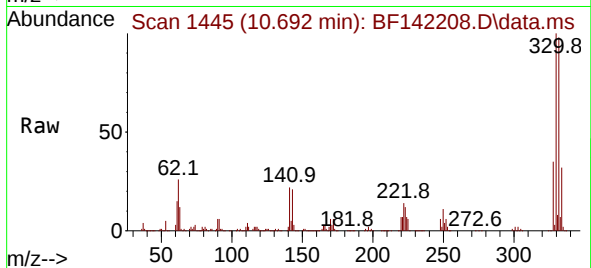
Tgt Ion:330 Resp: 1924449

Ion Ratio Lower Upper

330 100

332 97.9 77.1 115.7

141 24.2 18.9 28.3



#45

2-Fluorobiphenyl

Concen: 84.645 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF142208.D

Acq: 21 Apr 2025 19:09

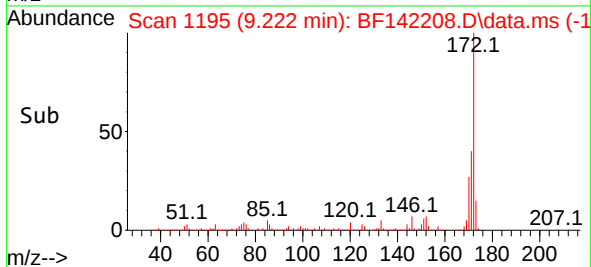
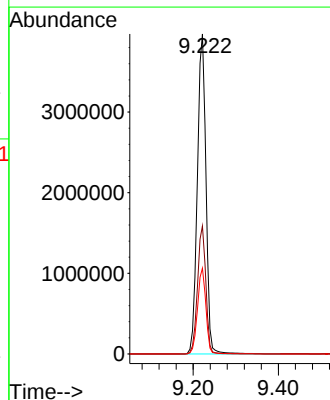
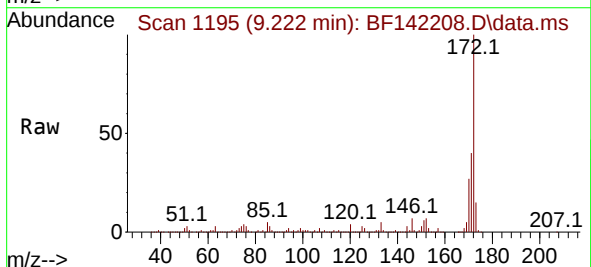
Tgt Ion:172 Resp: 5578814

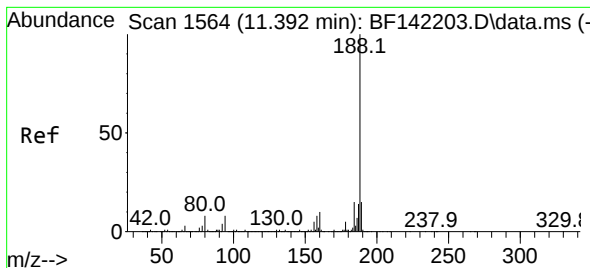
Ion Ratio Lower Upper

172 100

171 40.0 32.1 48.1

170 26.8 21.4 32.0

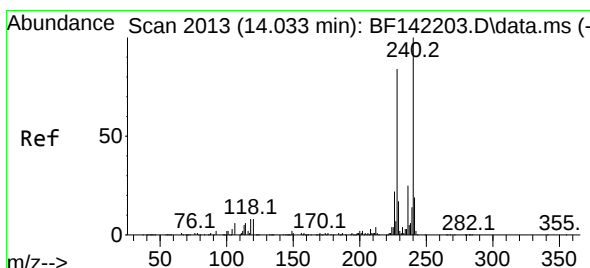
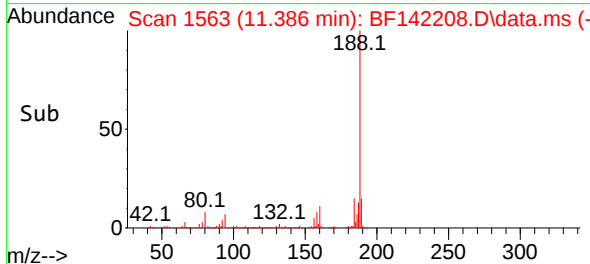
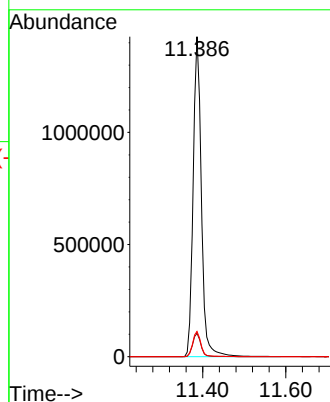
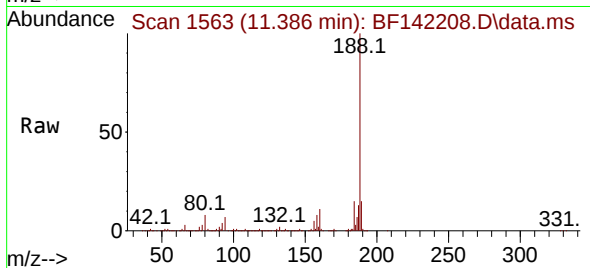




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142208.D
Acq: 21 Apr 2025 19:09

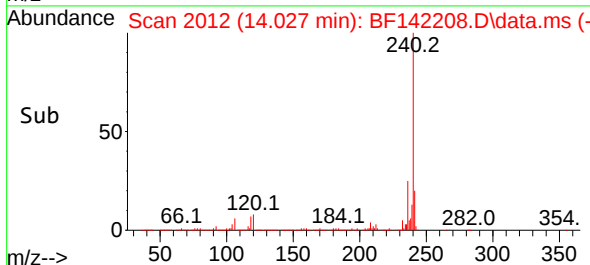
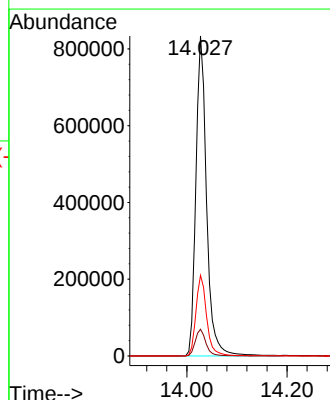
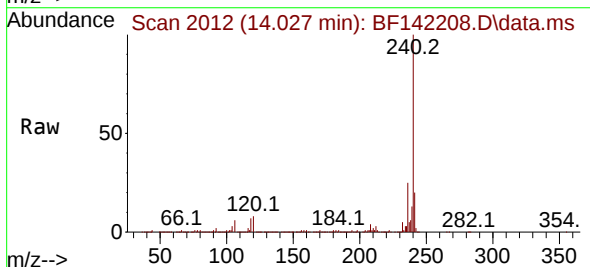
Instrument :
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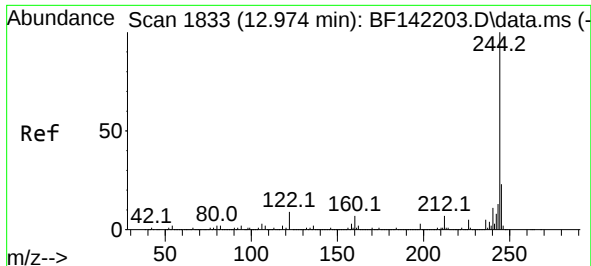
Tgt Ion:188 Resp: 1960134
Ion Ratio Lower Upper
188 100
94 7.3 6.3 9.5
80 7.9 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142208.D
Acq: 21 Apr 2025 19:09

Tgt Ion:240 Resp: 1232084
Ion Ratio Lower Upper
240 100
120 8.3 7.1 10.7
236 25.2 20.2 30.2

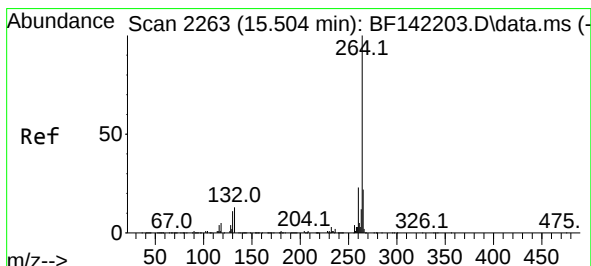
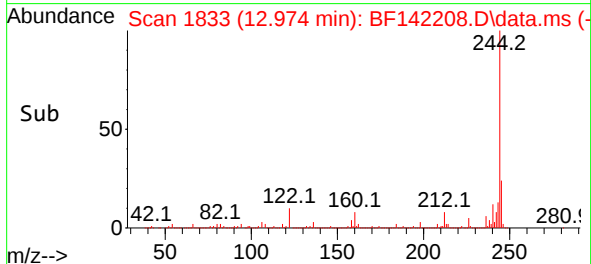
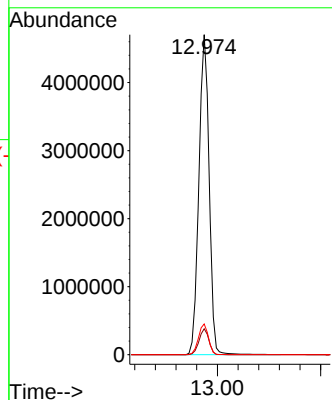
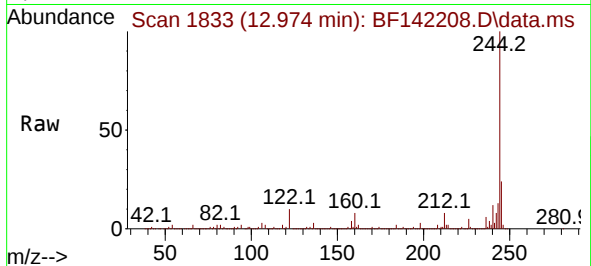




#79
 Terphenyl-d14
 Concen: 87.959 ng
 RT: 12.974 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: BF142208.D
 Acq: 21 Apr 2025 19:09

Instrument :
 BNA_F
 ClientSampleId :
 PB167645BL

Tgt Ion:244 Resp: 6468874
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.9 8.9
 122 9.6 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2263
 Delta R.T. 0.000 min
 Lab File: BF142208.D
 Acq: 21 Apr 2025 19:09

Tgt Ion:264 Resp: 1165151
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 27.8
 265 21.4 16.9 25.3

