

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
 Data File : BF142213.D
 Acq On : 22 Apr 2025 15:41
 Operator : RC/JU
 Sample : PB167672BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167672BL

Quant Time: Apr 22 16:23:41 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	444730	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	1745369	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	989954	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	1763947	20.000	ng	0.00
76) Chrysene-d12	14.033	240	1082287	20.000	ng	0.00
86) Perylene-d12	15.504	264	982634	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	2012715	84.850	ng	0.02
7) Phenol-d6	6.492	99	2483975	83.616	ng	0.00
23) Nitrobenzene-d5	7.428	82	2459576	88.501	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	1080394	79.821	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	5165722	85.052	ng	0.00
79) Terphenyl-d14	12.974	244	5830820	90.257	ng	0.00

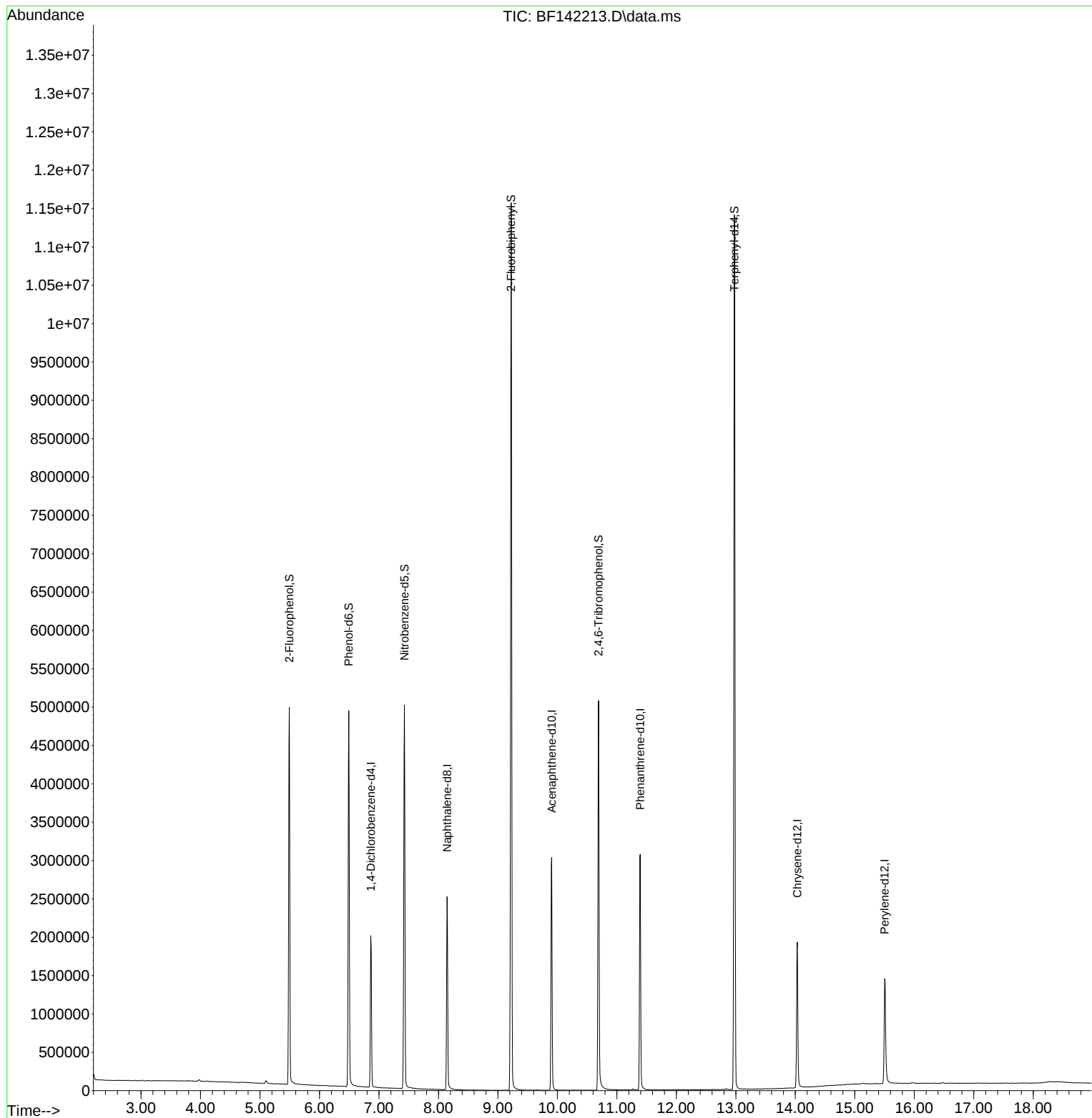
Target Compounds	Qvalue

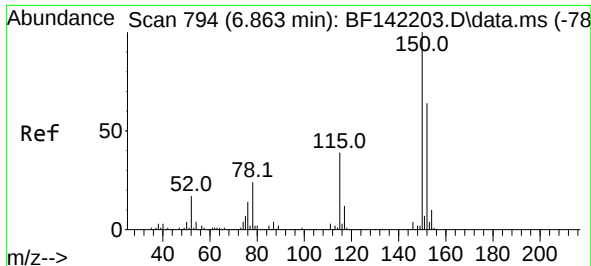
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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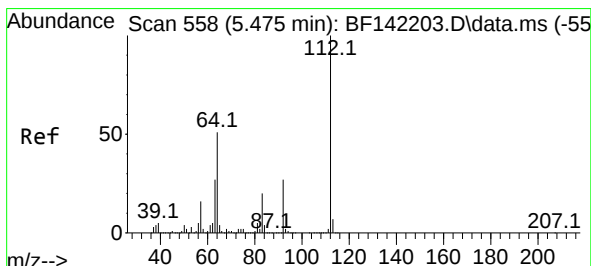
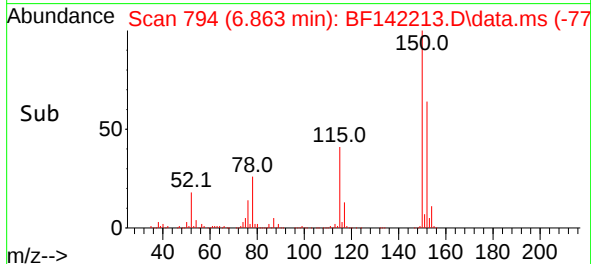
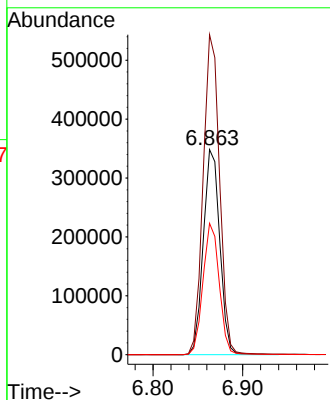
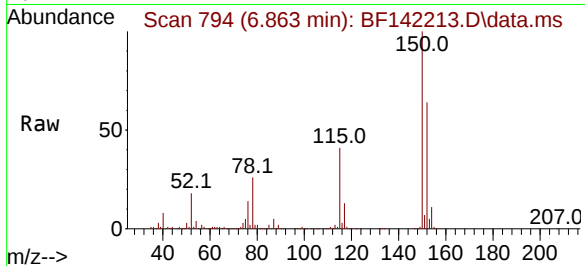




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 794
Delta R.T. 0.000 min
Lab File: BF142213.D
Acq: 22 Apr 2025 15:41

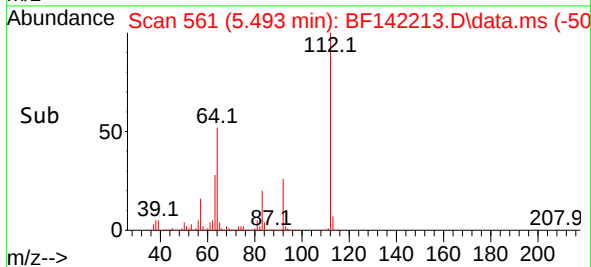
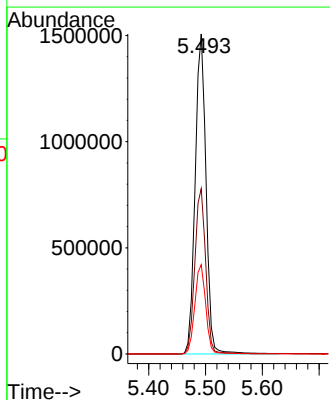
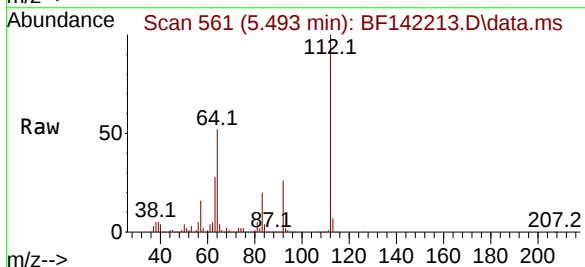
Instrument :
BNA_F
ClientSampleId :
PB167672BL

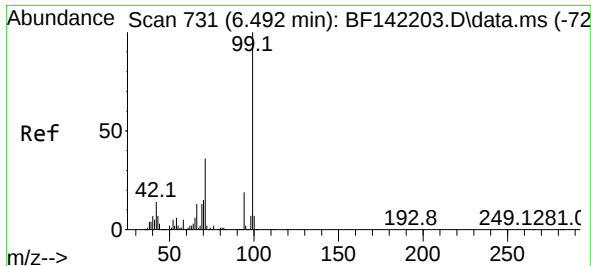
Tgt Ion:152 Resp: 444730
Ion Ratio Lower Upper
152 100
150 155.9 126.4 189.6
115 64.0 49.4 74.2



#5
2-Fluorophenol
Concen: 84.850 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF142213.D
Acq: 22 Apr 2025 15:41

Tgt Ion:112 Resp: 2012715
Ion Ratio Lower Upper
112 100
64 51.7 40.9 61.3
63 27.9 22.0 33.0

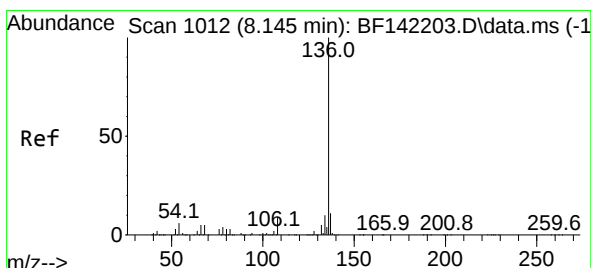
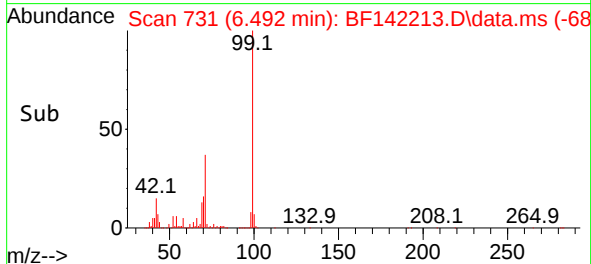
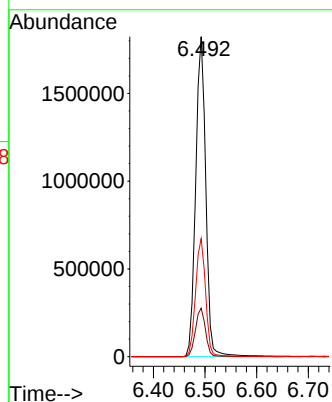
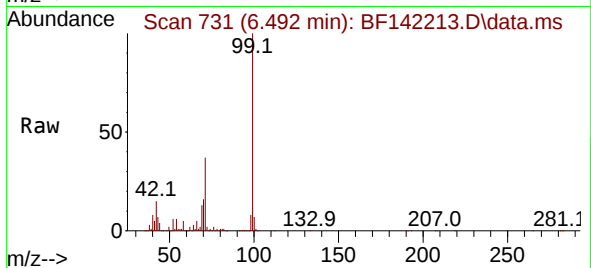




#7
Phenol-d6
Concen: 83.616 ng
RT: 6.492 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142213.D
Acq: 22 Apr 2025 15:41

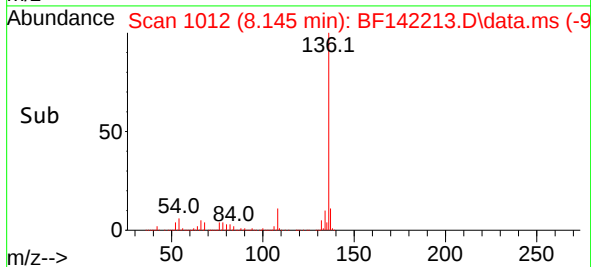
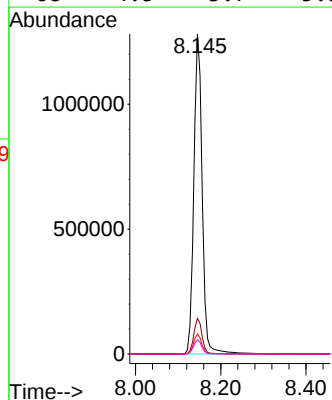
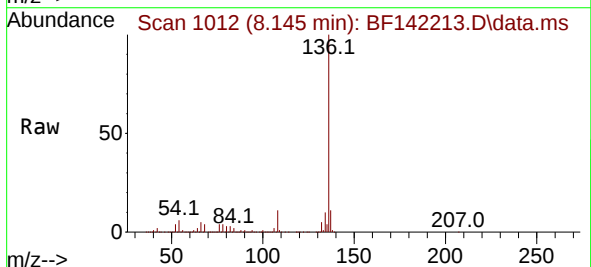
Instrument :
BNA_F
ClientSampleId :
PB167672BL

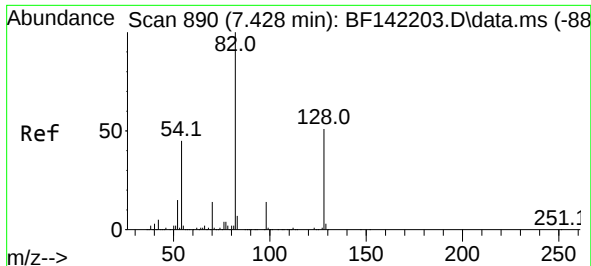
Tgt Ion: 99 Resp: 2483975
Ion Ratio Lower Upper
99 100
42 15.2 11.5 17.3
71 36.9 28.6 42.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF142213.D
Acq: 22 Apr 2025 15:41

Tgt Ion:136 Resp: 1745369
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.2 4.7 7.1
68 4.5 3.7 5.5

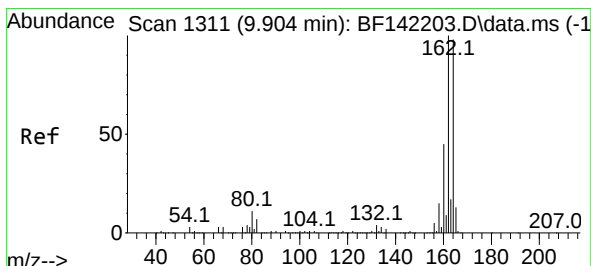
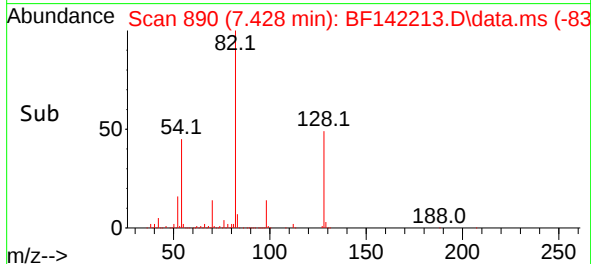
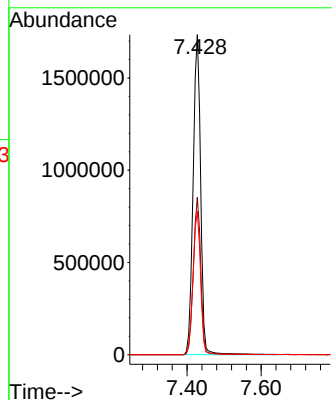
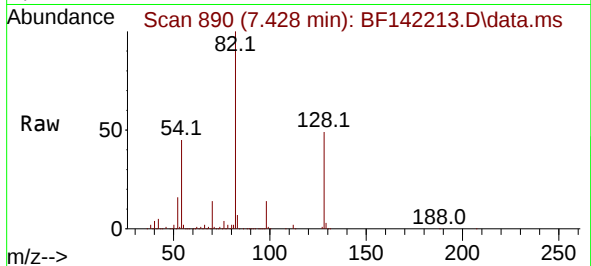




#23
Nitrobenzene-d5
Concen: 88.501 ng
RT: 7.428 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF142213.D
Acq: 22 Apr 2025 15:41

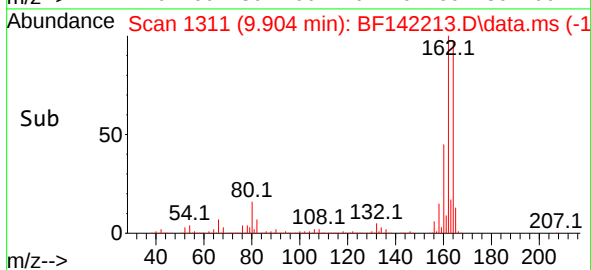
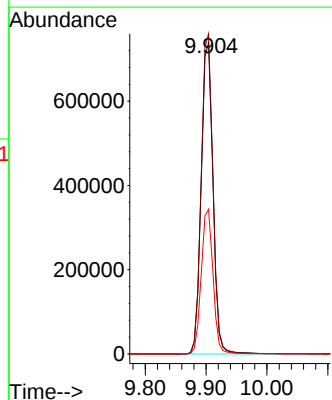
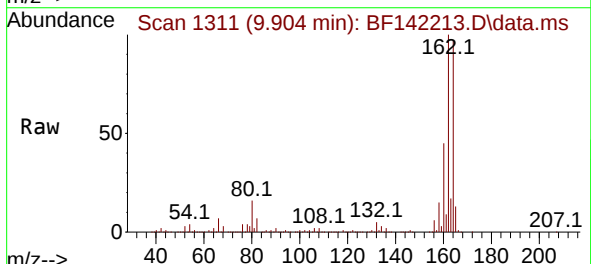
Instrument :
BNA_F
ClientSampleId :
PB167672BL

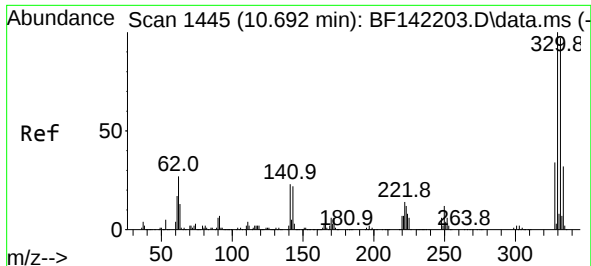
Tgt Ion: 82 Resp: 2459576
Ion Ratio Lower Upper
82 100
128 49.1 40.2 60.2
54 44.9 35.5 53.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BF142213.D
Acq: 22 Apr 2025 15:41

Tgt Ion: 164 Resp: 989954
Ion Ratio Lower Upper
164 100
162 102.9 81.9 122.9
160 46.5 36.8 55.2





#42

2,4,6-Tribromophenol

Concen: 79.821 ng

RT: 10.692 min Scan# 1445

Delta R.T. -0.000 min

Lab File: BF142213.D

Acq: 22 Apr 2025 15:41

Instrument :

BNA_F

ClientSampleId :

PB167672BL

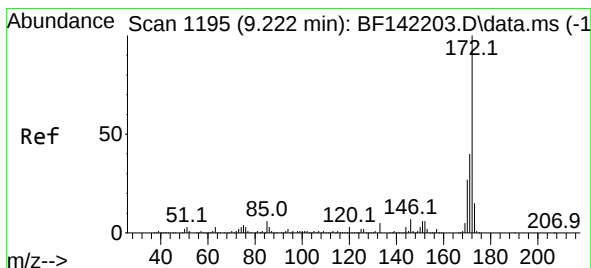
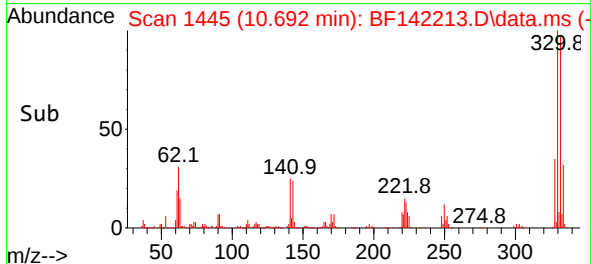
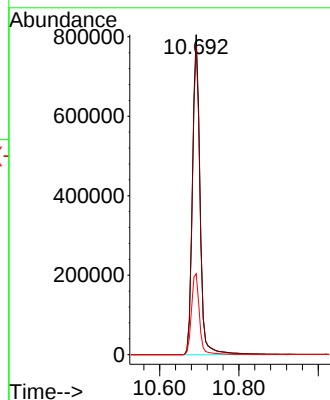
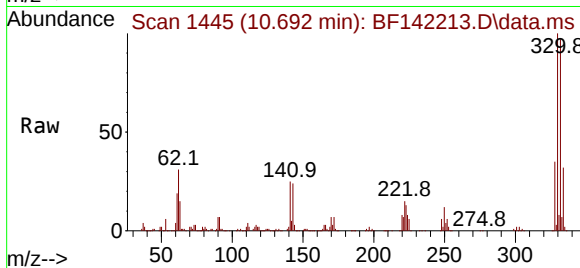
Tgt Ion:330 Resp: 1080394

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

141 26.4 18.9 28.3



#45

2-Fluorobiphenyl

Concen: 85.052 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF142213.D

Acq: 22 Apr 2025 15:41

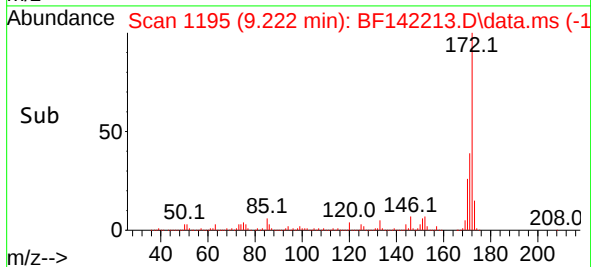
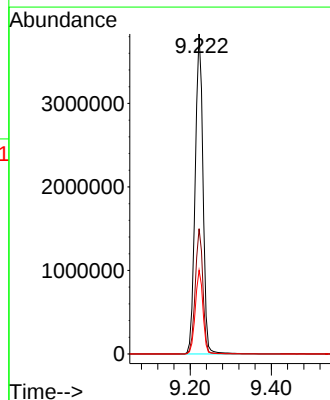
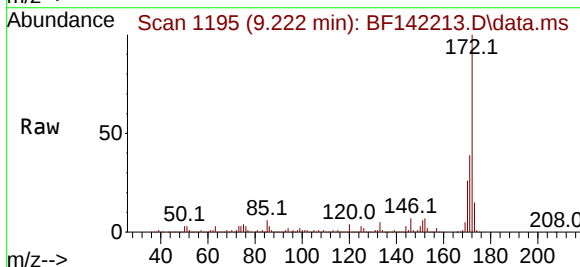
Tgt Ion:172 Resp: 5165722

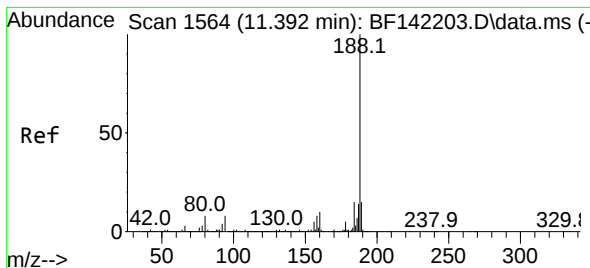
Ion Ratio Lower Upper

172 100

171 39.2 32.1 48.1

170 26.2 21.4 32.0

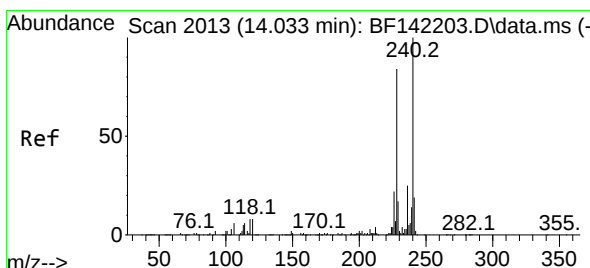
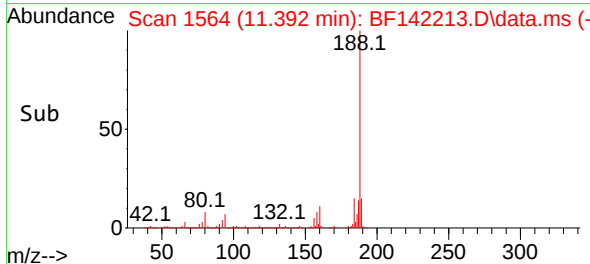
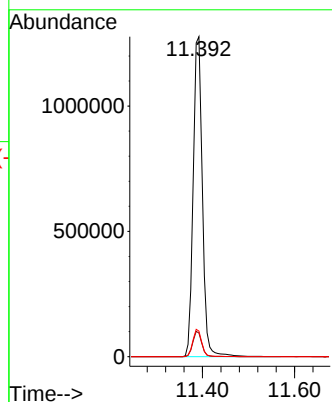
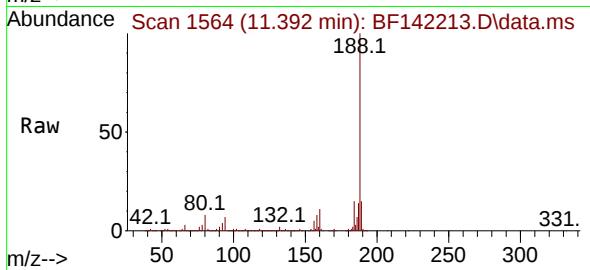




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142213.D
Acq: 22 Apr 2025 15:41

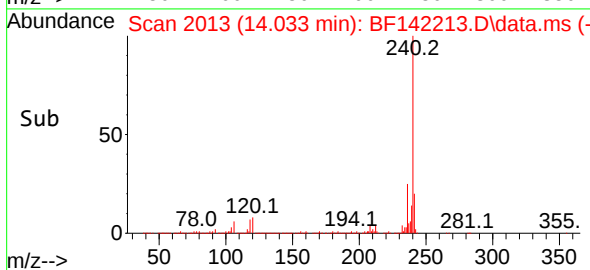
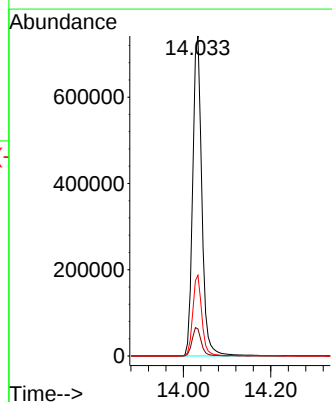
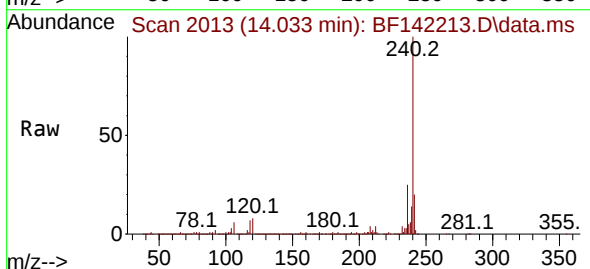
Instrument :
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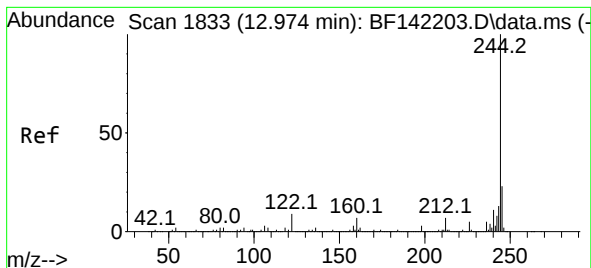
Tgt Ion:188 Resp: 1763947
Ion Ratio Lower Upper
188 100
94 7.4 6.3 9.5
80 8.0 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BF142213.D
Acq: 22 Apr 2025 15:41

Tgt Ion:240 Resp: 1082287
Ion Ratio Lower Upper
240 100
120 8.5 7.1 10.7
236 25.2 20.2 30.2





#79

Terphenyl-d14

Concen: 90.257 ng

RT: 12.974 min Scan# 1833

Delta R.T. 0.000 min

Lab File: BF142213.D

Acq: 22 Apr 2025 15:41

Instrument :

BNA_F

ClientSampleId :

PB167672BL

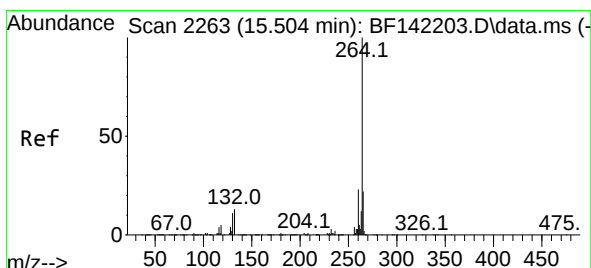
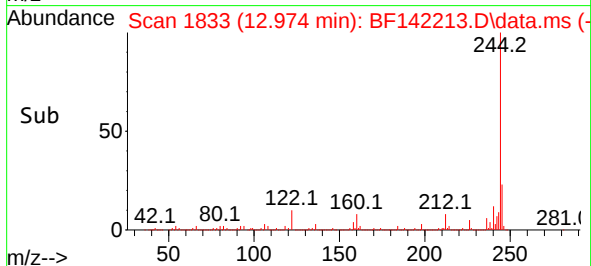
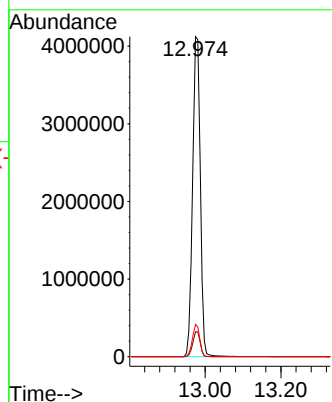
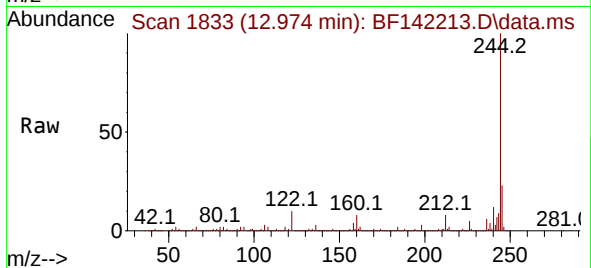
Tgt Ion:244 Resp: 5830820

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

122 10.1 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: BF142213.D

Acq: 22 Apr 2025 15:41

Tgt Ion:264 Resp: 982634

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 21.5 16.9 25.3

