

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
 Data File : BF142128.D
 Acq On : 27 Mar 2025 16:40
 Operator : RC/JU
 Sample : PB167349BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167349BL

Quant Time: Mar 27 17:12:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	126795	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	491867	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	282131	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	518648	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	339564	20.000	ng	0.00
86) Perylene-d12	15.509	264	306514	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	1022462	134.583	ng	0.00
7) Phenol-d6	6.492	99	1220878	126.215	ng	-0.01
23) Nitrobenzene-d5	7.428	82	810902	92.778	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	534602	149.363	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1754148	94.556	ng	-0.01
79) Terphenyl-d14	12.980	244	2321446	101.075	ng	0.00

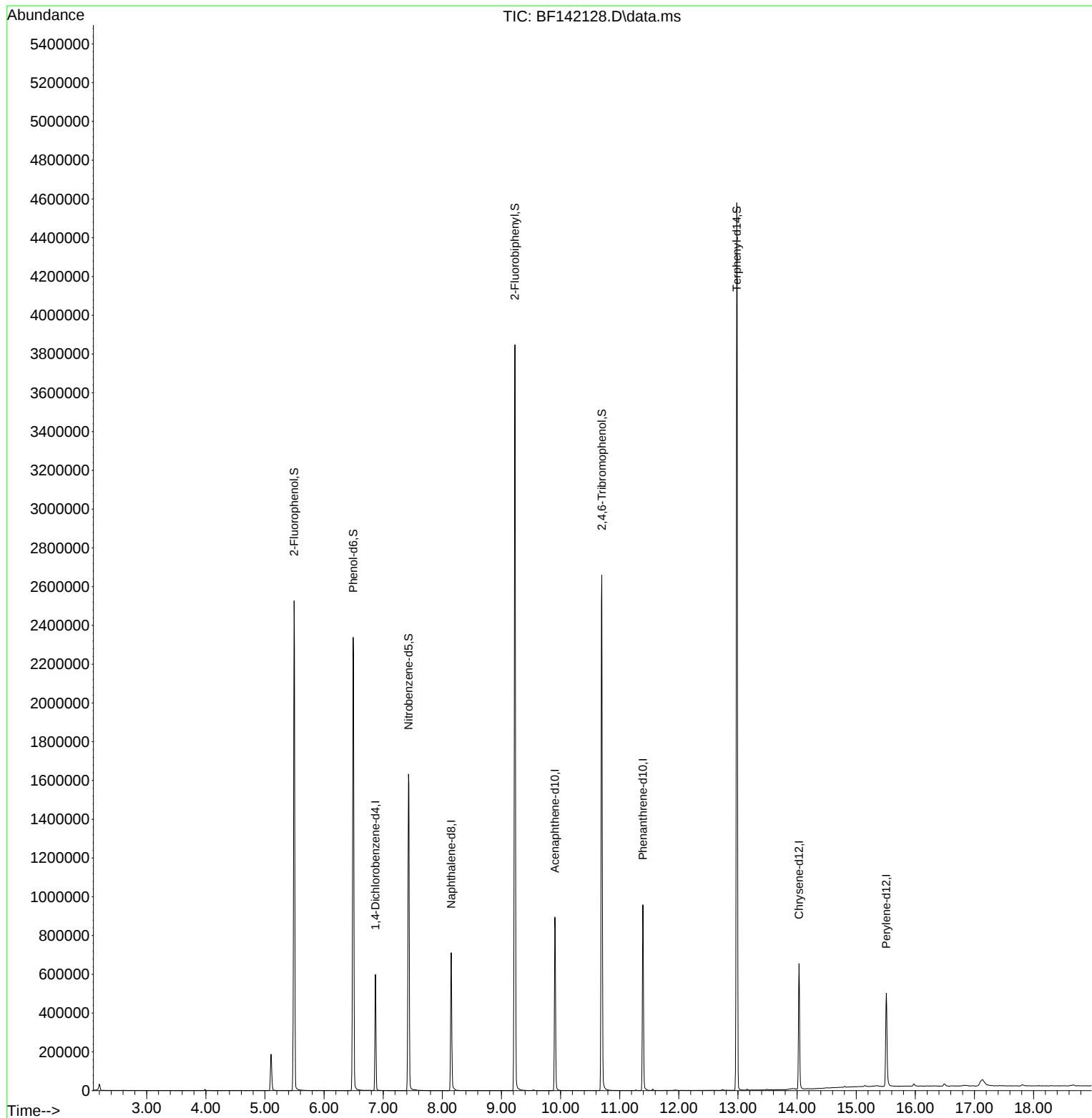
Target Compounds	Qvalue

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

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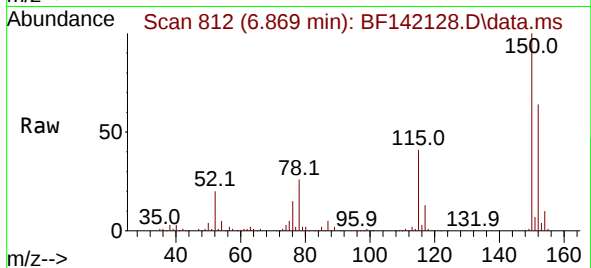
Quant Time: Mar 27 17:12:26 2025
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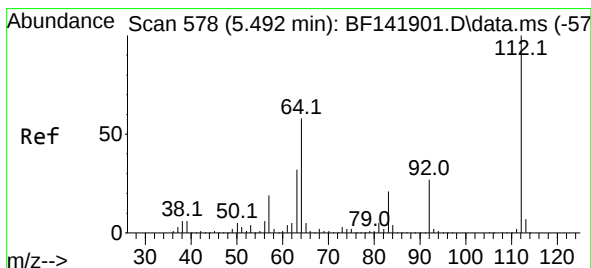
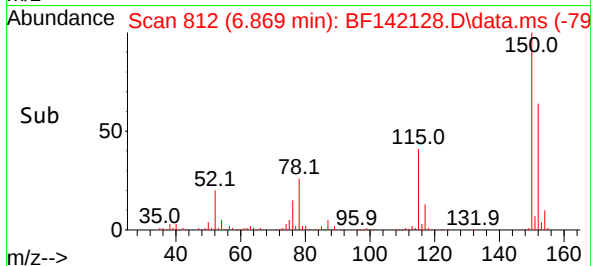
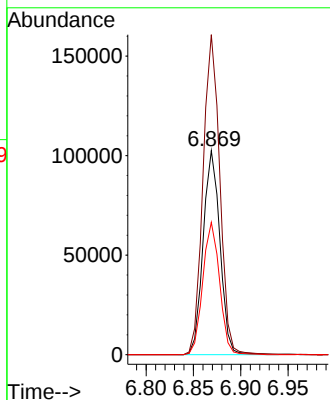


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142128.D
Acq: 27 Mar 2025 16:40

Instrument :
BNA_F
ClientSampleId :
PB167349BL

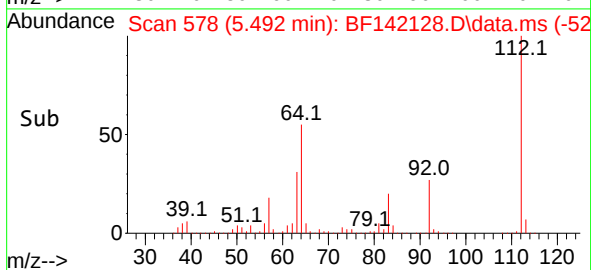
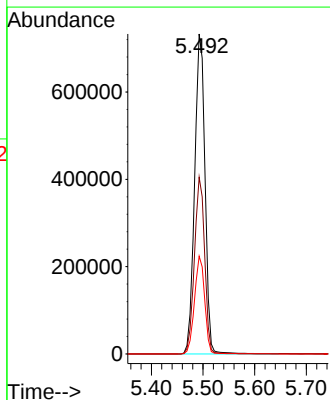
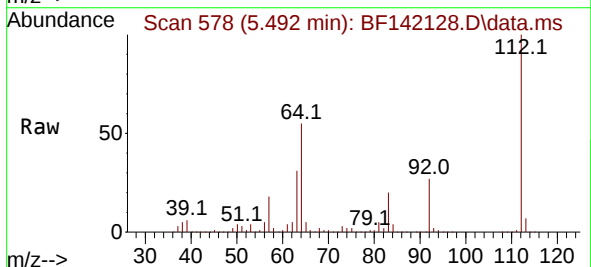


Tgt Ion:152 Resp: 126795
Ion Ratio Lower Upper
152 100
150 156.9 127.4 191.2
115 64.9 51.9 77.9



#5
2-Fluorophenol
Concen: 134.583 ng
RT: 5.492 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF142128.D
Acq: 27 Mar 2025 16:40

Tgt Ion:112 Resp: 1022462
Ion Ratio Lower Upper
112 100
64 55.3 46.5 69.7
63 30.6 25.4 38.2

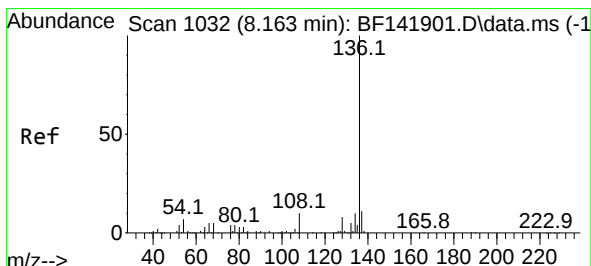
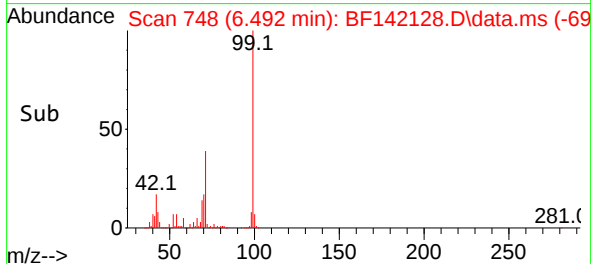
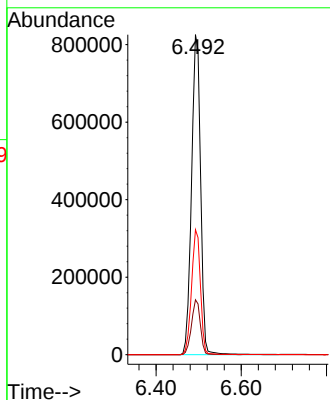
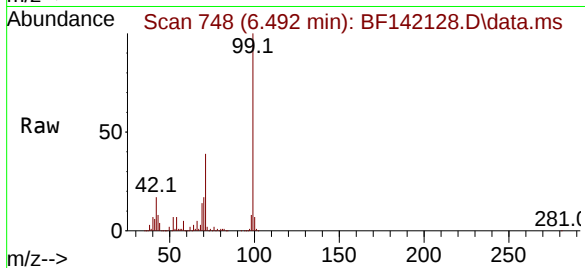




#7
Phenol-d6
Concen: 126.215 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF142128.D
Acq: 27 Mar 2025 16:40

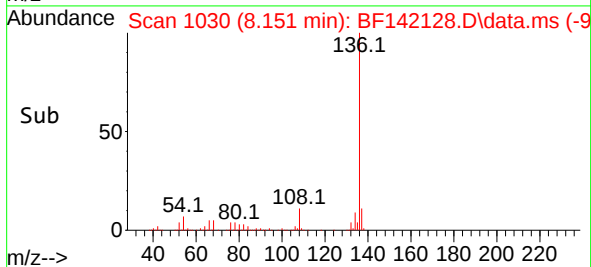
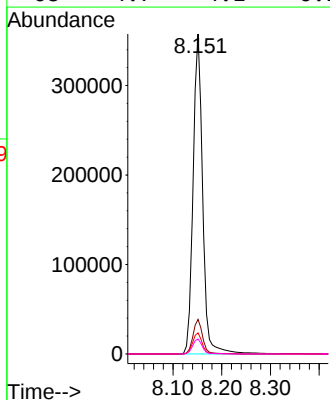
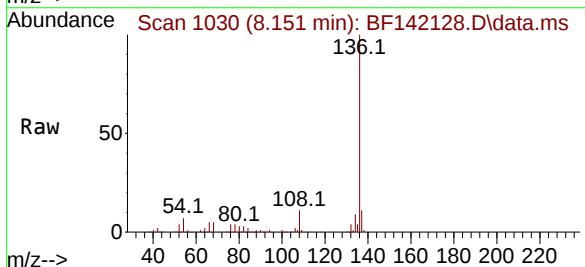
Instrument :
BNA_F
ClientSampleId :
PB167349BL

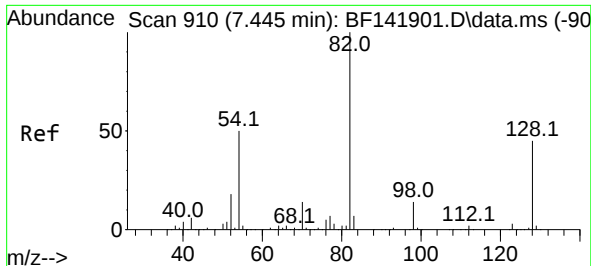
Tgt Ion: 99 Resp: 1220878
Ion Ratio Lower Upper
99 100
42 17.1 14.6 21.8
71 39.1 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142128.D
Acq: 27 Mar 2025 16:40

Tgt Ion: 136 Resp: 491867
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.6 5.8 8.8
68 4.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 92.778 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.018 min

Lab File: BF142128.D

Acq: 27 Mar 2025 16:40

Instrument :

BNA_F

ClientSampleId :

PB167349BL

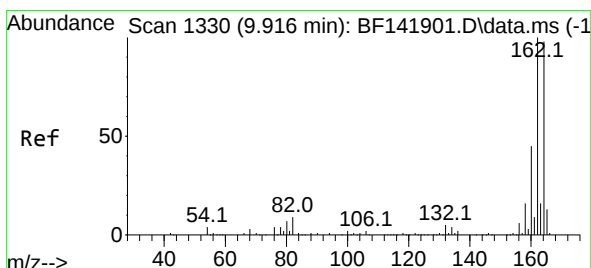
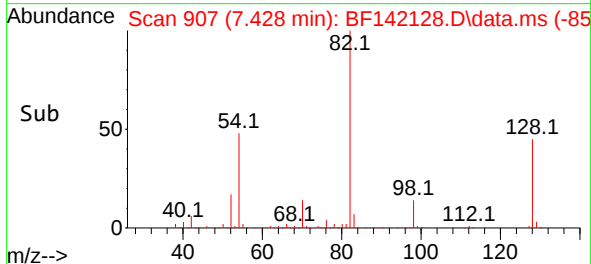
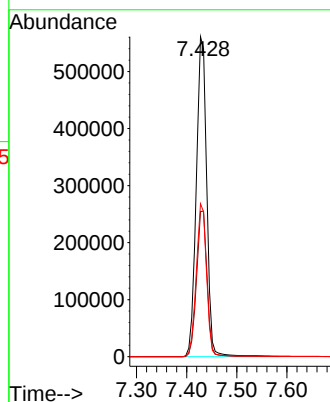
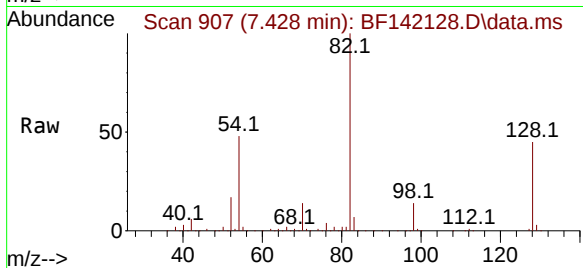
Tgt Ion: 82 Resp: 810902

Ion Ratio Lower Upper

82 100

128 45.4 36.0 54.0

54 47.8 39.6 59.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.012 min

Lab File: BF142128.D

Acq: 27 Mar 2025 16:40

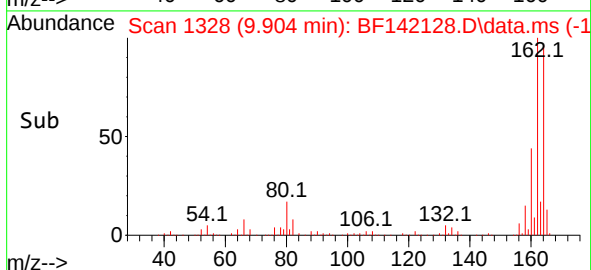
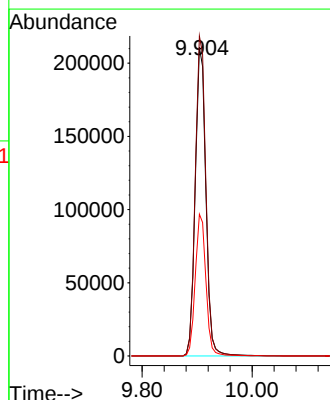
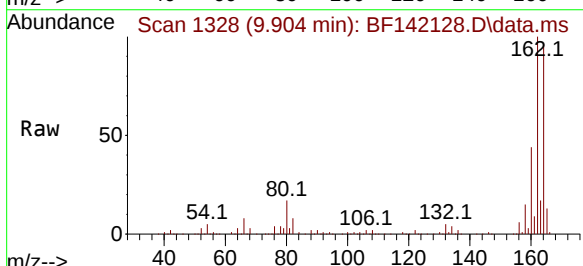
Tgt Ion:164 Resp: 282131

Ion Ratio Lower Upper

164 100

162 103.7 81.8 122.6

160 46.0 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 149.363 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF142128.D

Acq: 27 Mar 2025 16:40

Instrument :

BNA_F

ClientSampleId :

PB167349BL

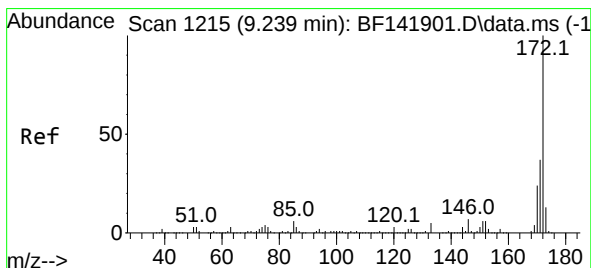
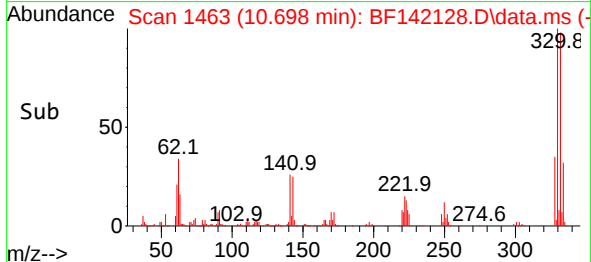
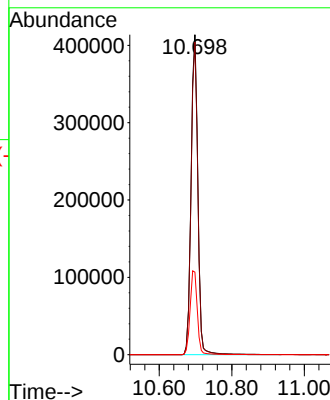
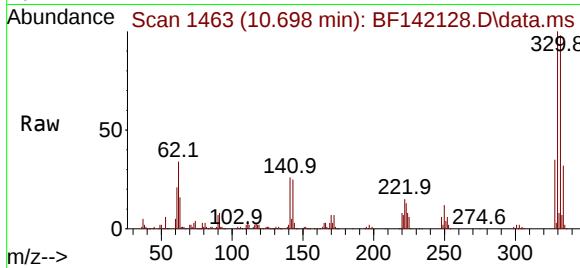
Tgt Ion:330 Resp: 534602

Ion Ratio Lower Upper

330 100

332 97.7 77.6 116.4

141 27.9 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 94.556 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142128.D

Acq: 27 Mar 2025 16:40

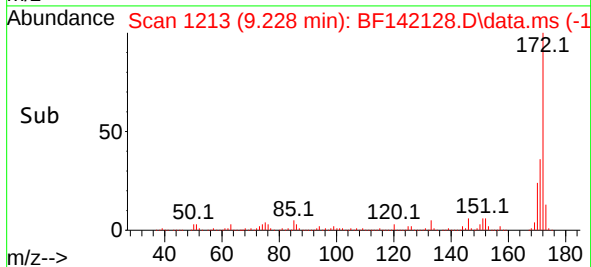
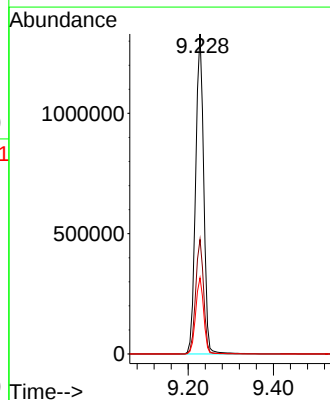
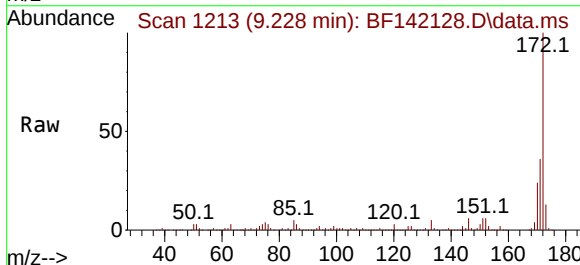
Tgt Ion:172 Resp: 1754148

Ion Ratio Lower Upper

172 100

171 35.8 29.3 43.9

170 23.8 19.4 29.0

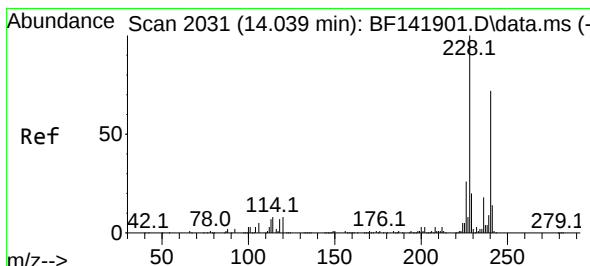
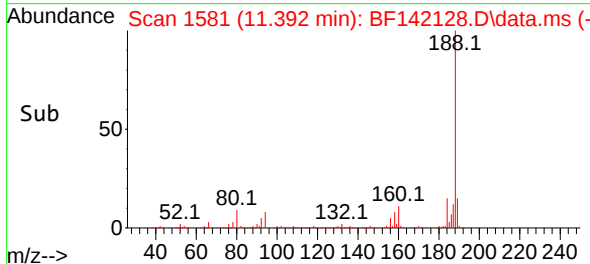
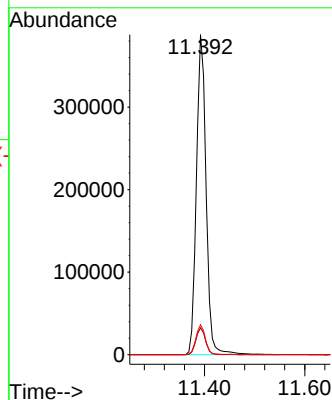
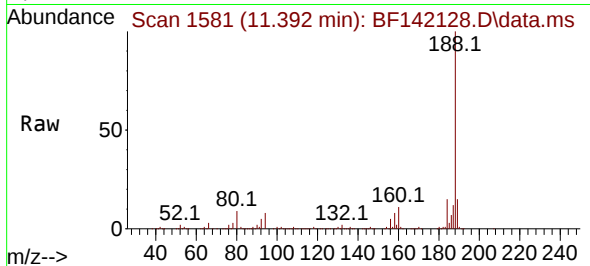




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142128.D
Acq: 27 Mar 2025 16:40

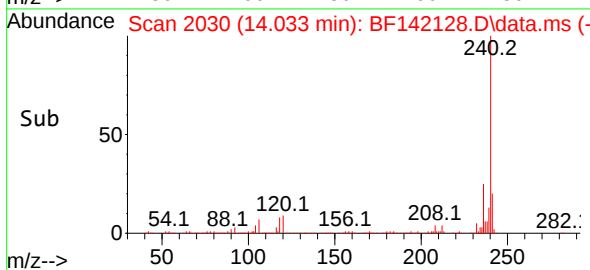
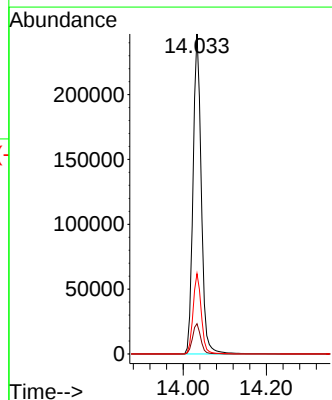
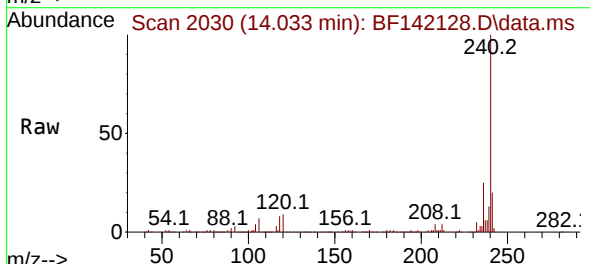
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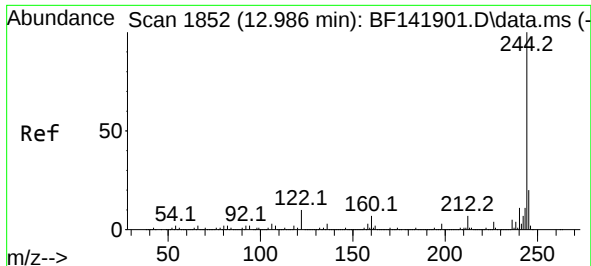
Tgt Ion:188 Resp: 518648
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 9.4 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142128.D
Acq: 27 Mar 2025 16:40

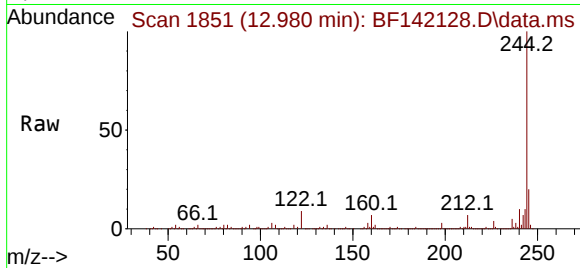
Tgt Ion:240 Resp: 339564
Ion Ratio Lower Upper
240 100
120 9.5 8.4 12.6
236 25.1 20.5 30.7



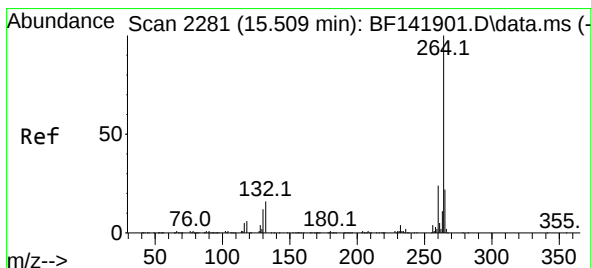
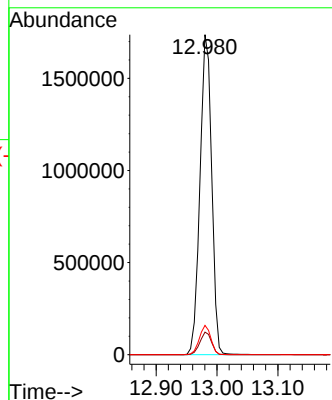
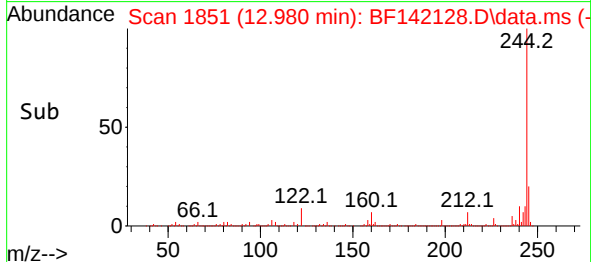


#79
 Terphenyl-d14
 Concen: 101.075 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142128.D
 Acq: 27 Mar 2025 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB167349BL



Tgt Ion:244 Resp: 2321446
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.2 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2281
 Delta R.T. 0.000 min
 Lab File: BF142128.D
 Acq: 27 Mar 2025 16:40

Tgt Ion:264 Resp: 306514
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 21.1 17.5 26.3

