

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
 Data File : BF142170.D
 Acq On : 28 Mar 2025 20:01
 Operator : RC/JU
 Sample : Q1662-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Mar 28 22:49:19 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	142744	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	531949	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	267519	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	350016	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	282359	20.000	ng	0.00
86) Perylene-d12	15.510	264	222839	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	820171	95.894	ng	0.00
7) Phenol-d6	6.492	99	932497	85.631	ng	-0.01
23) Nitrobenzene-d5	7.434	82	650889	68.859	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	222921	65.684	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	1223661	69.564	ng	-0.01
79) Terphenyl-d14	12.980	244	1058619	55.430	ng	0.00

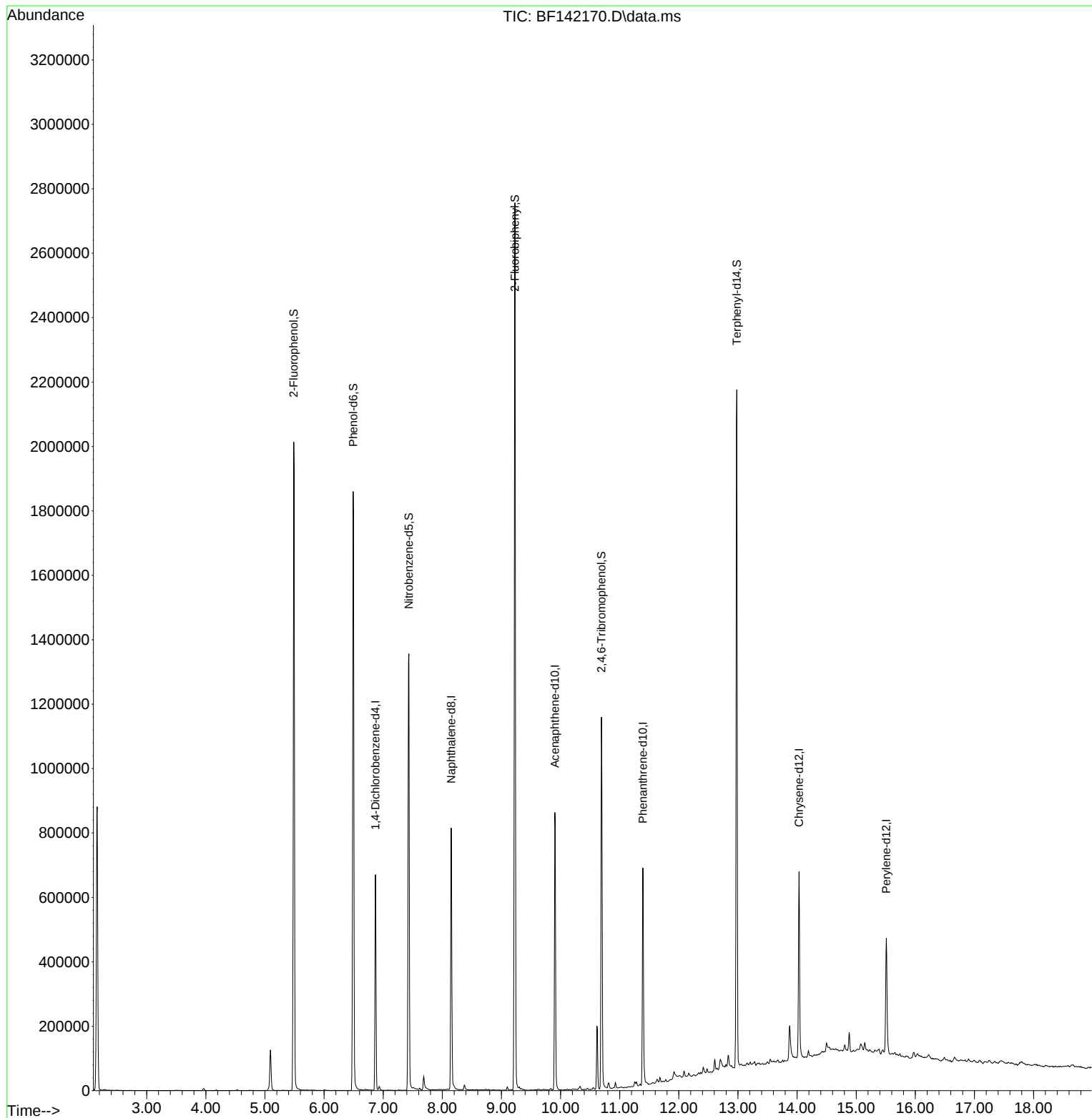
Target Compounds	Qvalue

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

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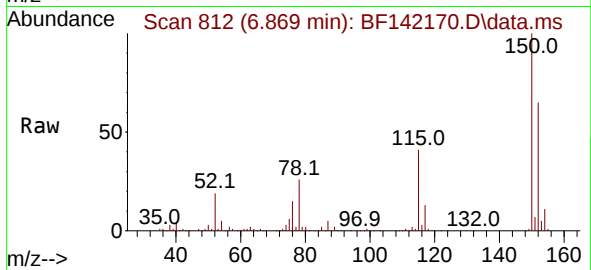
Quant Time: Mar 28 22:49:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
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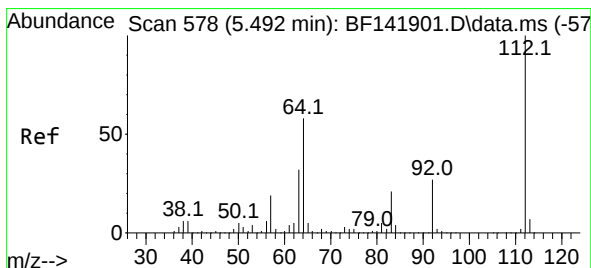
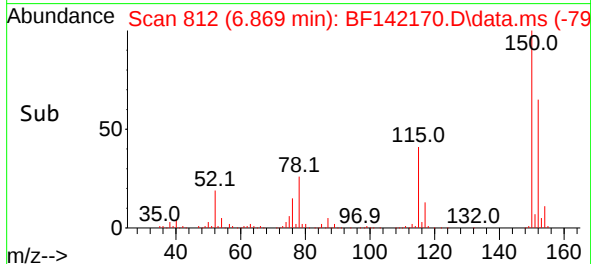
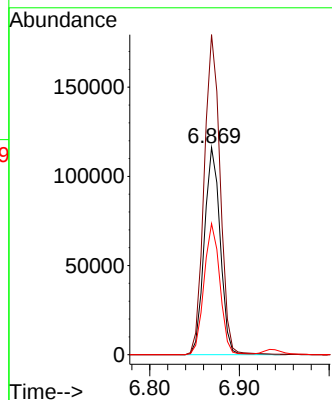


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142170.D
Acq: 28 Mar 2025 20:01

Instrument :
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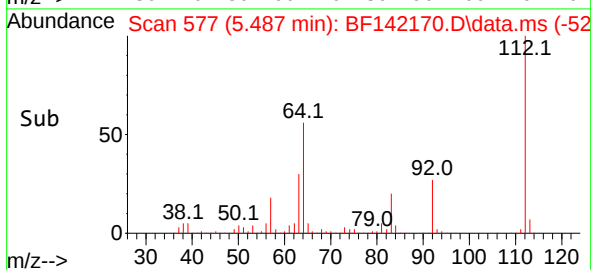
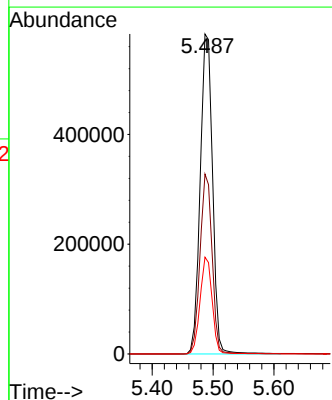
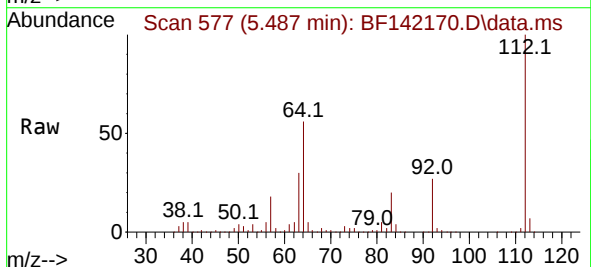


Tgt Ion:152 Resp: 142744
Ion Ratio Lower Upper
152 100
150 154.4 127.4 191.2
115 63.2 51.9 77.9



#5
2-Fluorophenol
Concen: 95.894 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF142170.D
Acq: 28 Mar 2025 20:01

Tgt Ion:112 Resp: 820171
Ion Ratio Lower Upper
112 100
64 56.2 46.5 69.7
63 30.2 25.4 38.2

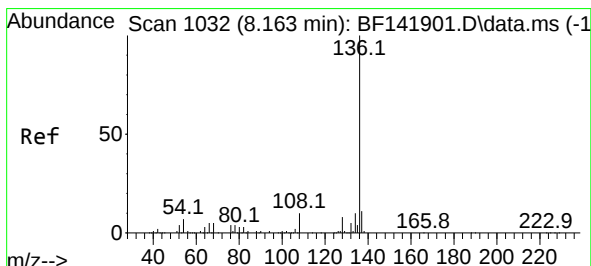
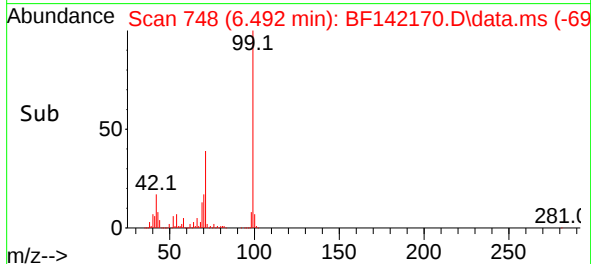
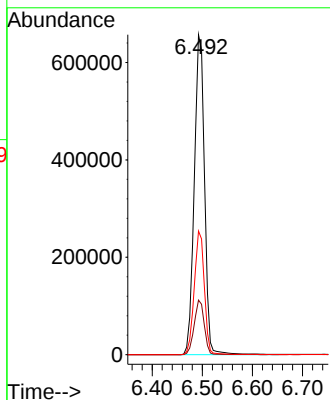
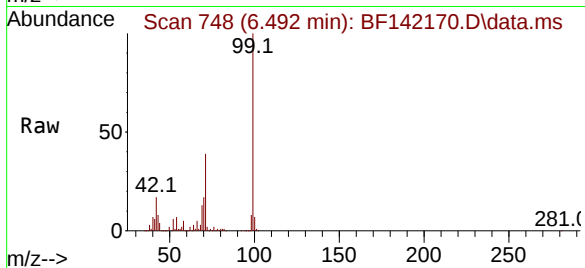




#7
Phenol-d6
Concen: 85.631 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF142170.D
Acq: 28 Mar 2025 20:01

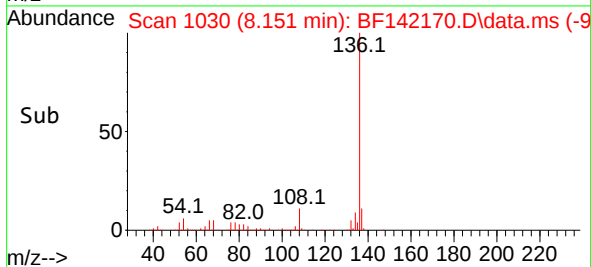
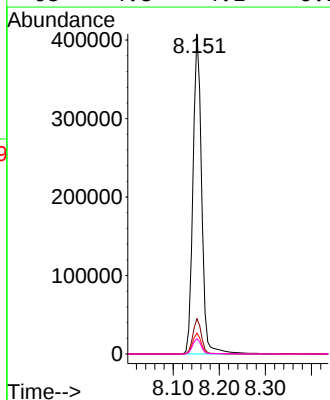
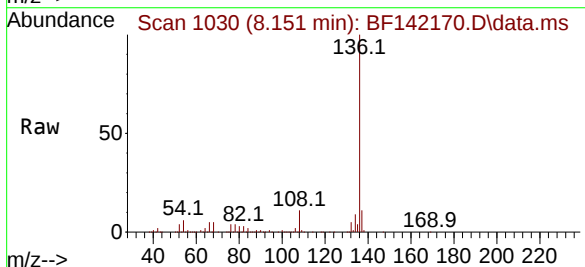
Instrument :
BNA_F
ClientSampleId :
TP-7

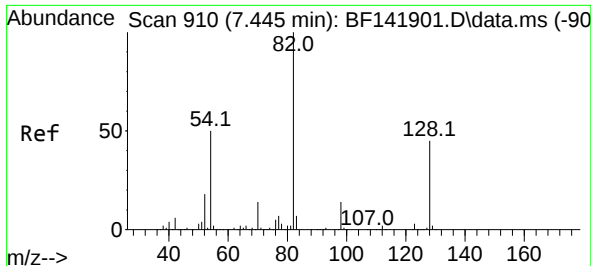
Tgt Ion: 99 Resp: 932497
Ion Ratio Lower Upper
99 100
42 17.1 14.6 21.8
71 38.7 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142170.D
Acq: 28 Mar 2025 20:01

Tgt Ion: 136 Resp: 531949
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.5 5.8 8.8
68 4.8 4.1 6.1





#23

Nitrobenzene-d5

Concen: 68.859 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142170.D

Acq: 28 Mar 2025 20:01

Instrument :

BNA_F

ClientSampleId :

TP-7

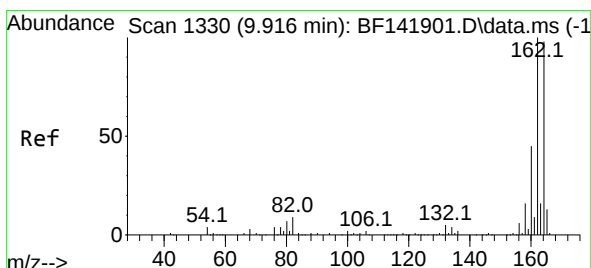
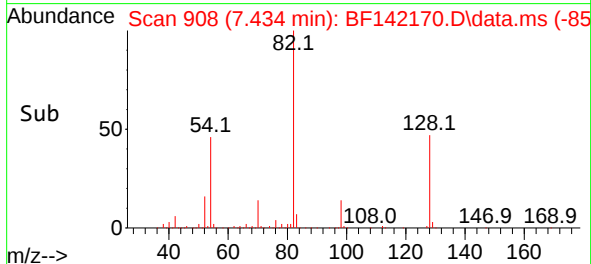
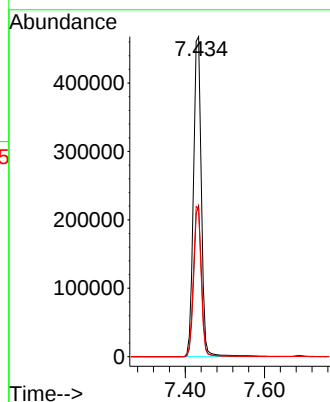
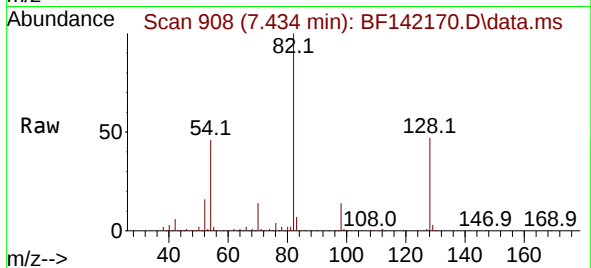
Tgt Ion: 82 Resp: 650889

Ion Ratio Lower Upper

82 100

128 47.2 36.0 54.0

54 46.4 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: BF142170.D

Acq: 28 Mar 2025 20:01

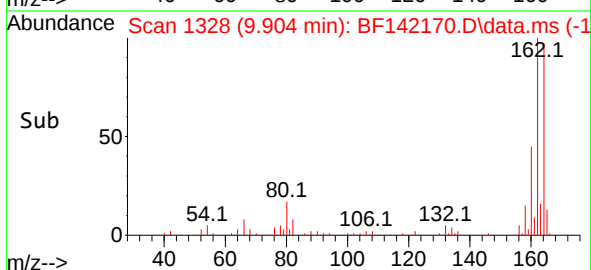
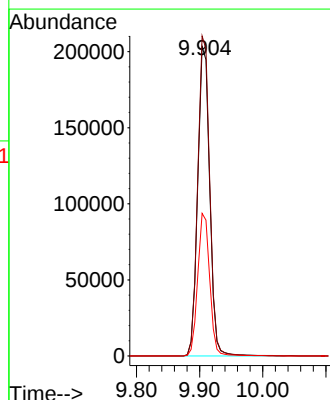
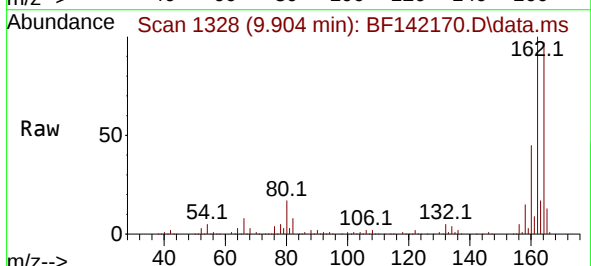
Tgt Ion:164 Resp: 267519

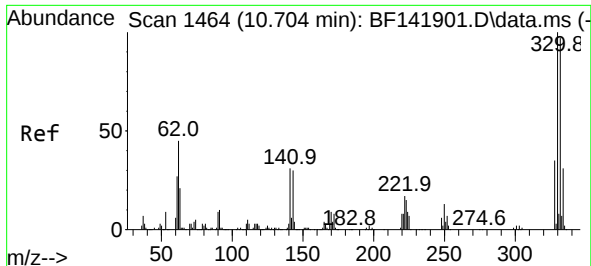
Ion Ratio Lower Upper

164 100

162 103.4 81.8 122.6

160 46.1 36.7 55.1

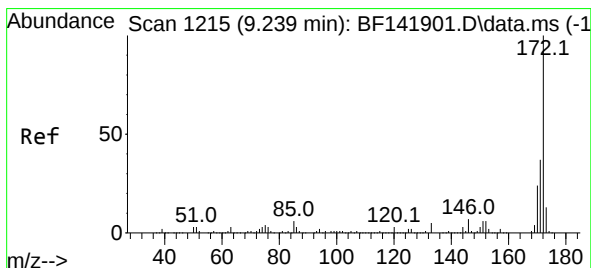
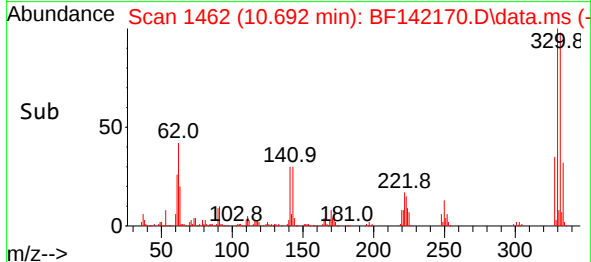
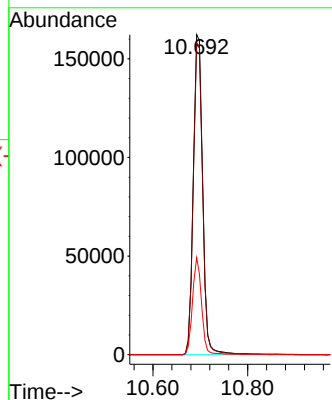
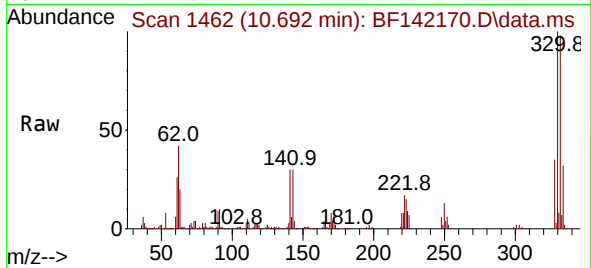




#42
2,4,6-Tribromophenol
Concen: 65.684 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF142170.D
Acq: 28 Mar 2025 20:01

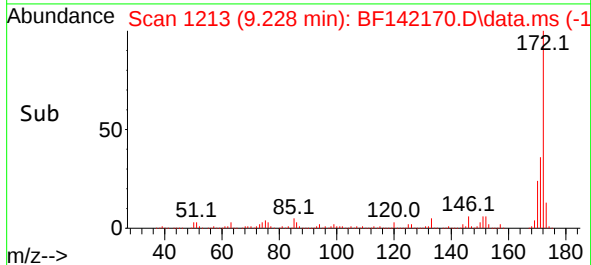
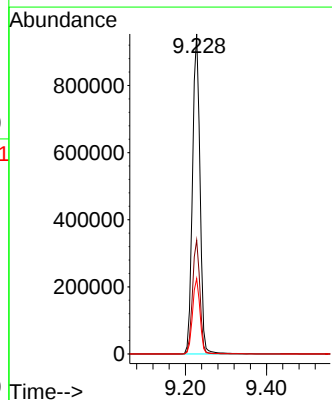
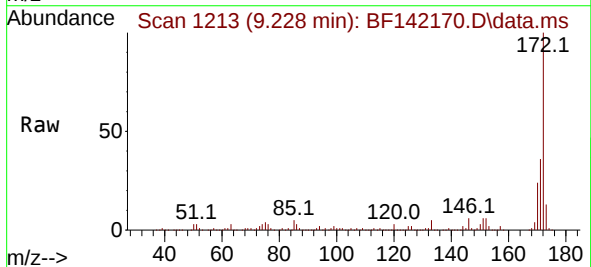
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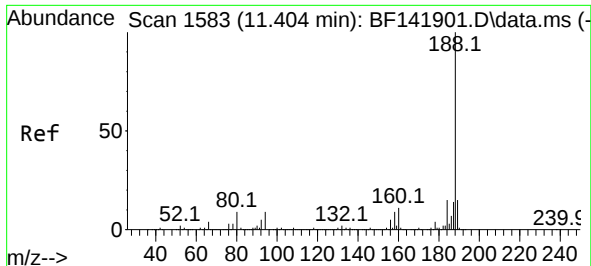
Tgt Ion:330 Resp: 222921
Ion Ratio Lower Upper
330 100
332 97.1 77.6 116.4
141 29.2 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 69.564 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF142170.D
Acq: 28 Mar 2025 20:01

Tgt Ion:172 Resp: 1223661
Ion Ratio Lower Upper
172 100
171 35.6 29.3 43.9
170 23.6 19.4 29.0

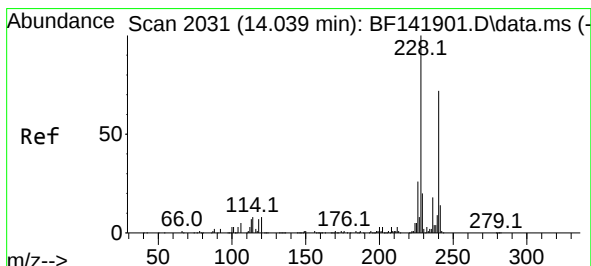
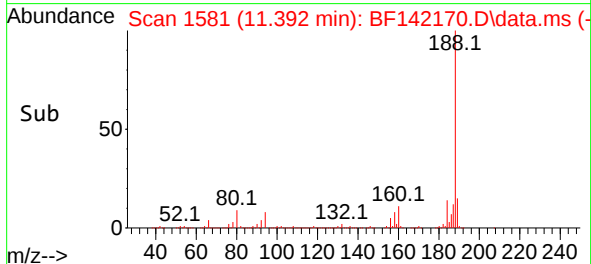
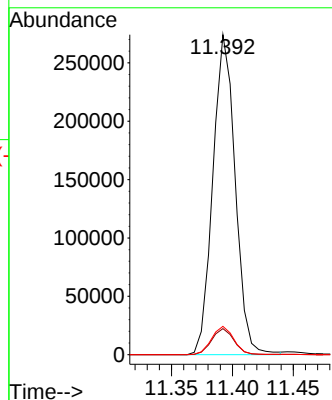
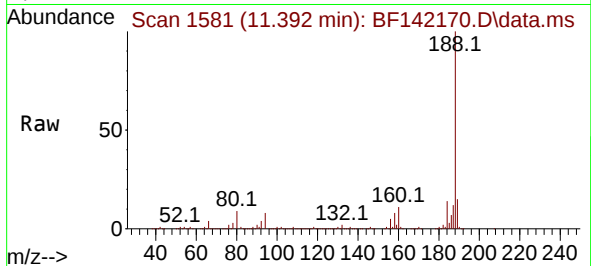




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142170.D
Acq: 28 Mar 2025 20:01

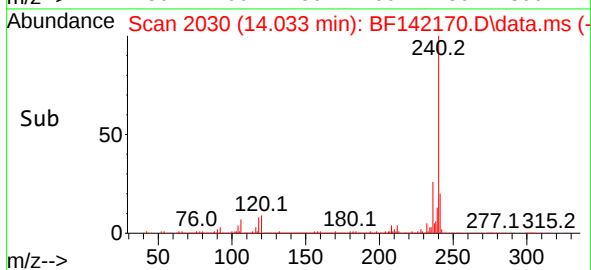
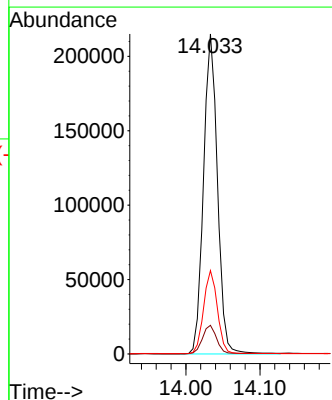
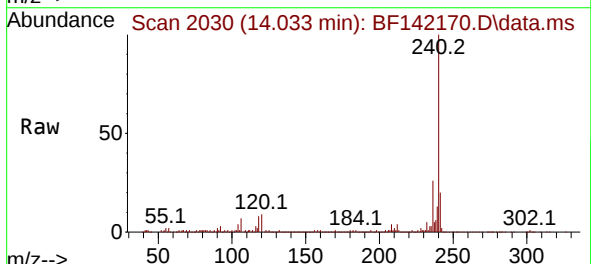
Instrument :
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ClientSampleId :
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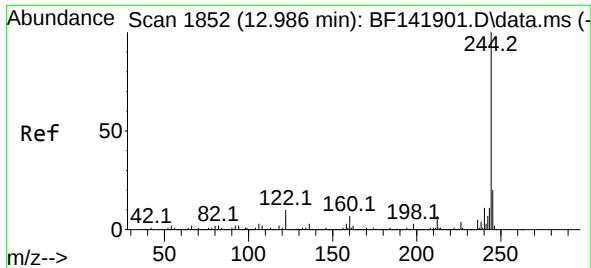
Tgt Ion:188 Resp: 350016
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 8.9 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142170.D
Acq: 28 Mar 2025 20:01

Tgt Ion:240 Resp: 282359
Ion Ratio Lower Upper
240 100
120 8.9 8.4 12.6
236 26.0 20.5 30.7

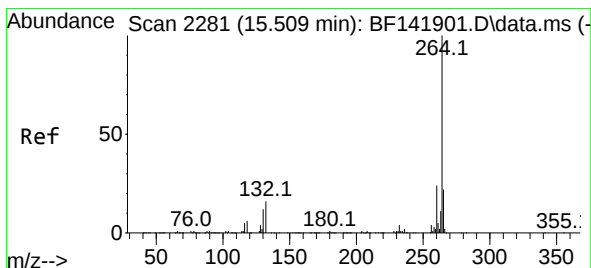
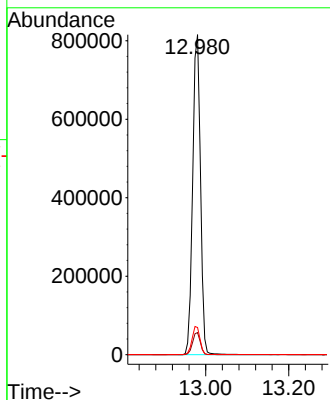
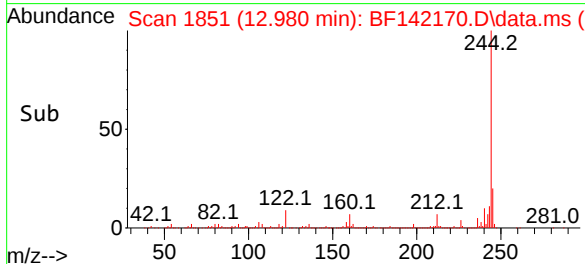
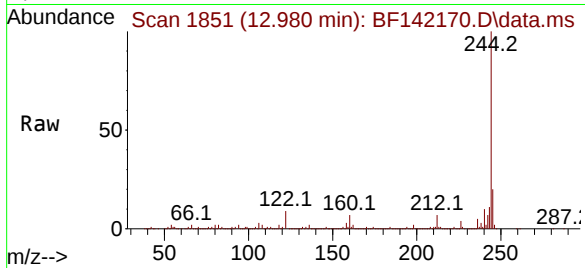




#79
 Terphenyl-d14
 Concen: 55.430 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142170.D
 Acq: 28 Mar 2025 20:01

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 1058619
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 8.5 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2281
 Delta R.T. 0.000 min
 Lab File: BF142170.D
 Acq: 28 Mar 2025 20:01

Tgt Ion:264 Resp: 222839
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.3 17.5 26.3

