

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
 Data File : BF142574.D
 Acq On : 30 May 2025 17:18
 Operator : RC/JU
 Sample : Q2136-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-646-COMP-52

Quant Time: May 30 17:40:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	119748	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	458492	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	237466	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	387644	20.000	ng	-0.01
76) Chrysene-d12	14.068	240	219536	20.000	ng	0.00
86) Perylene-d12	15.562	264	230875	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	793303	111.611	ng	0.01
7) Phenol-d6	6.522	99	877000	102.501	ng	-0.01
23) Nitrobenzene-d5	7.457	82	631214	75.071	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	319017	121.043	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1295893	73.228	ng	-0.01
79) Terphenyl-d14	13.010	244	1174086	73.083	ng	0.00

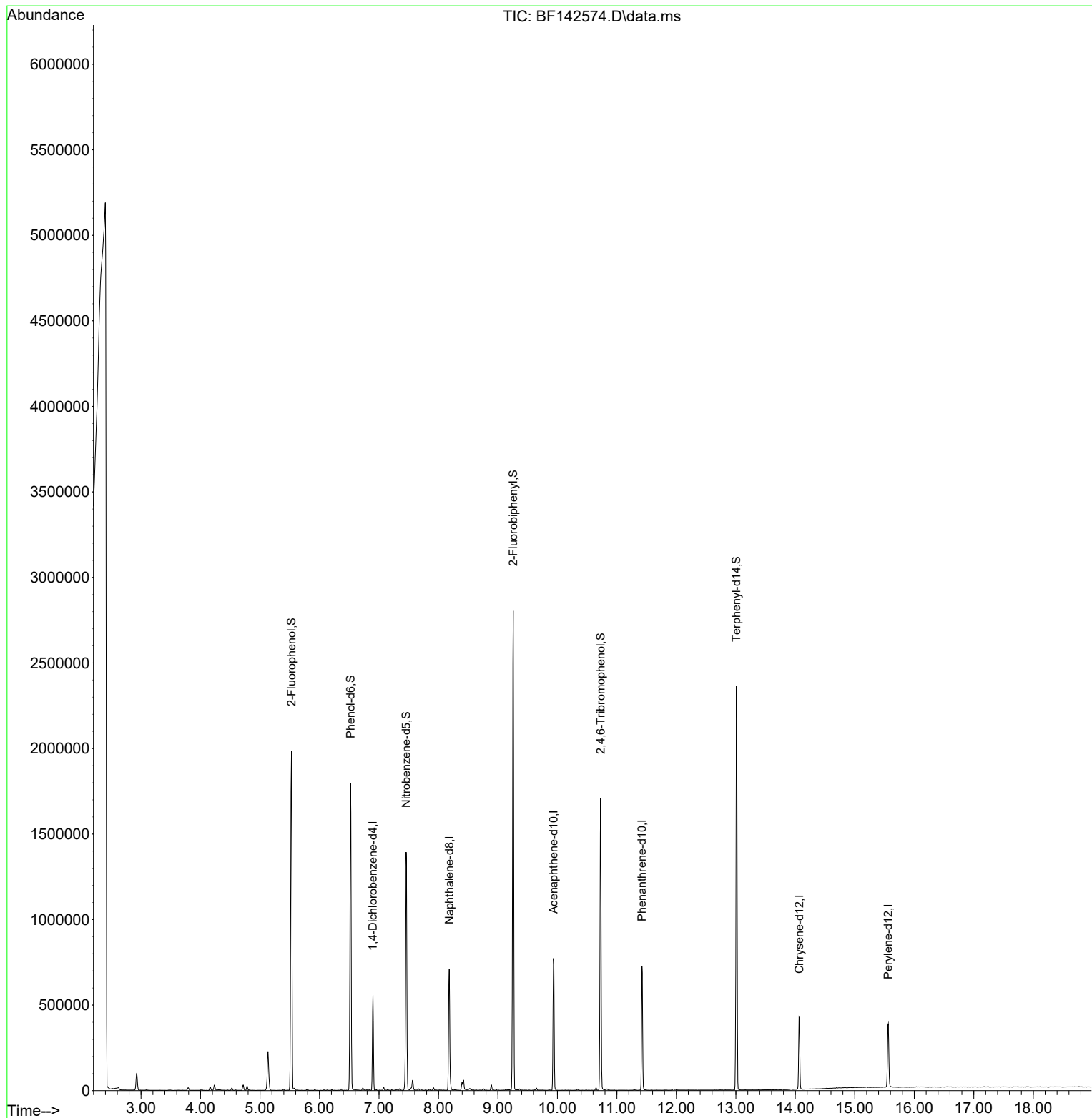
Target Compounds	Qvalue

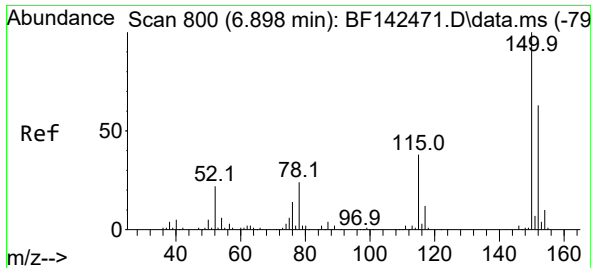
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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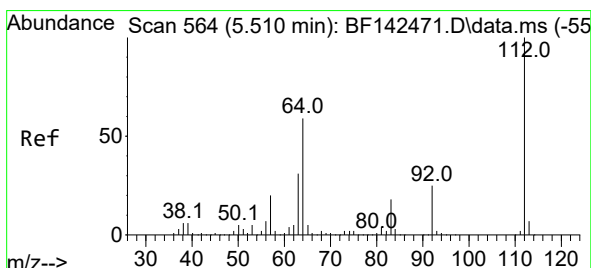
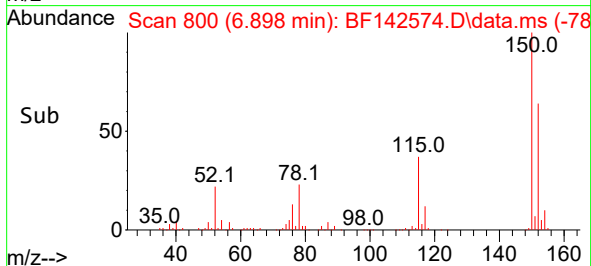
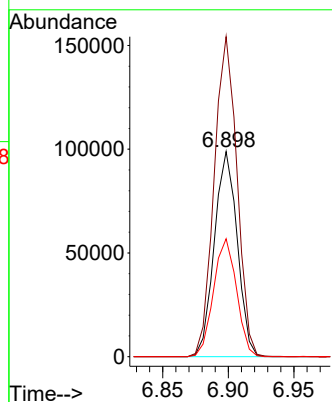
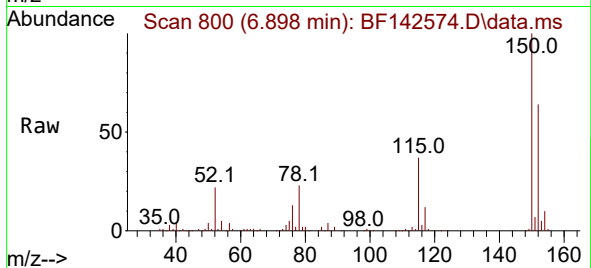




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142574.D
Acq: 30 May 2025 17:18

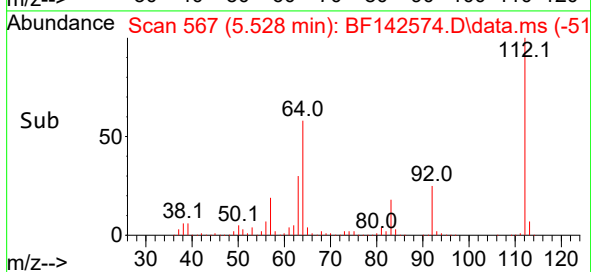
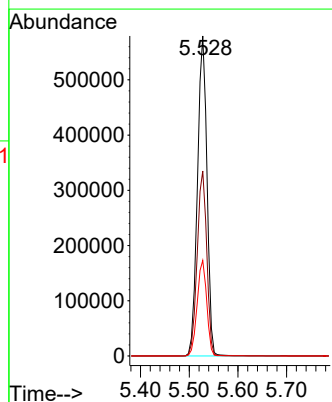
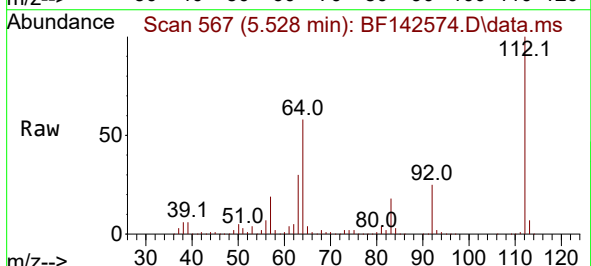
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52

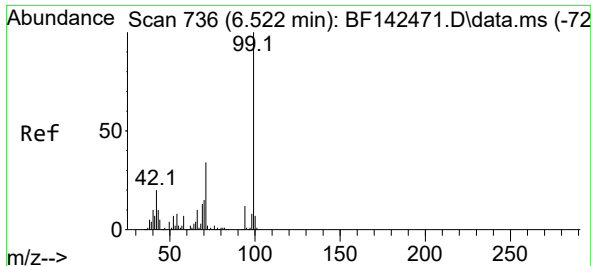
Tgt Ion:152 Resp: 119748
Ion Ratio Lower Upper
152 100
150 156.0 128.2 192.4
115 57.5 48.3 72.5



#5
2-Fluorophenol
Concen: 111.611 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142574.D
Acq: 30 May 2025 17:18

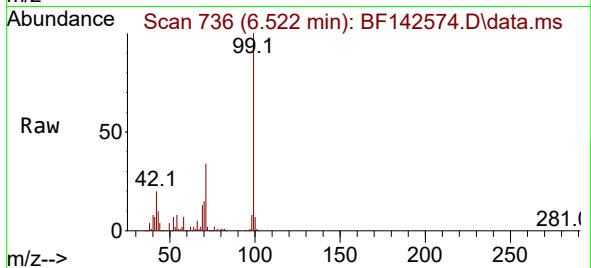
Tgt Ion:112 Resp: 793303
Ion Ratio Lower Upper
112 100
64 57.8 47.5 71.3
63 29.8 24.9 37.3



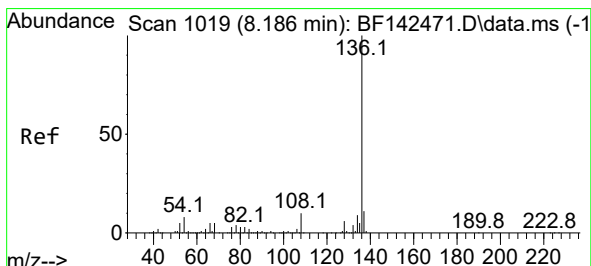
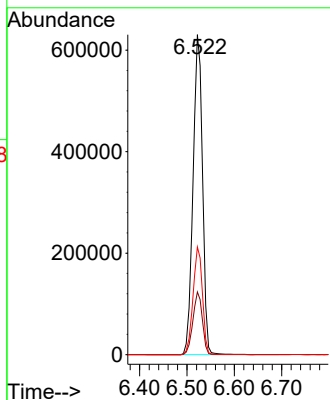
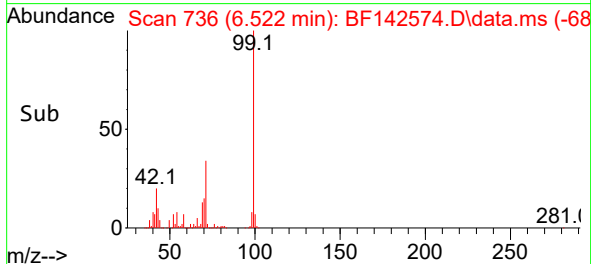


#7
Phenol-d6
Concen: 102.501 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142574.D
Acq: 30 May 2025 17:18

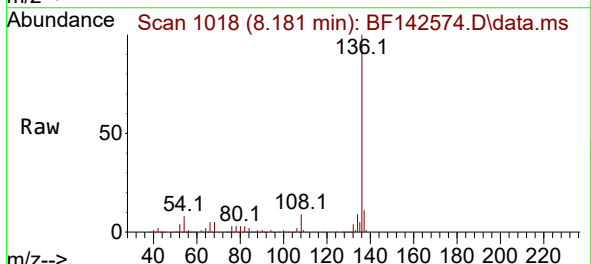
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52



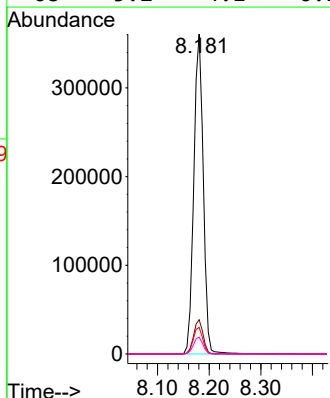
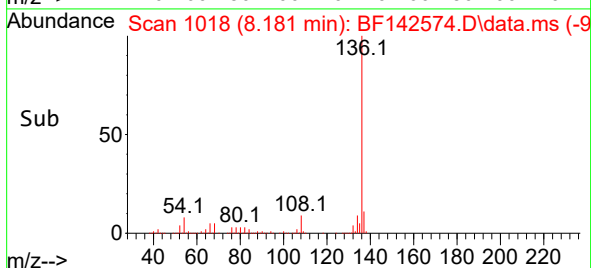
Tgt Ion: 99 Resp: 877000
Ion Ratio Lower Upper
99 100
42 19.6 16.2 24.2
71 33.6 27.3 40.9

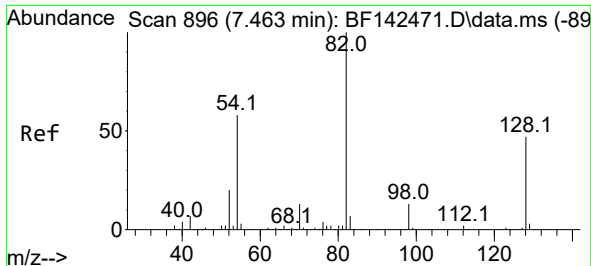


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142574.D
Acq: 30 May 2025 17:18



Tgt Ion: 136 Resp: 458492
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.3 6.6 10.0
68 5.2 4.1 6.1





#23

Nitrobenzene-d5

Concen: 75.071 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF142574.D

Acq: 30 May 2025 17:18

Instrument :

BNA_F

ClientSampleId :

OR-646-COMP-52

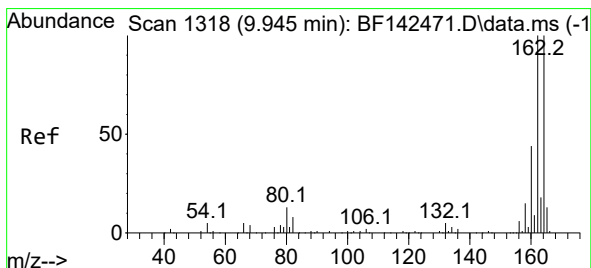
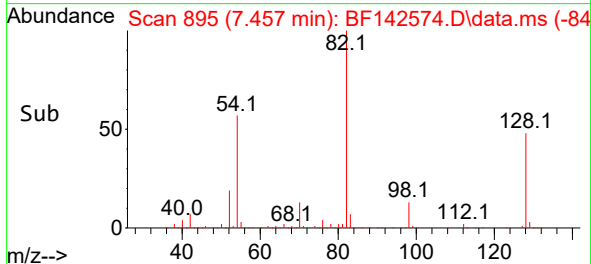
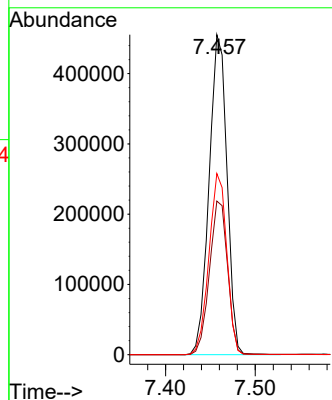
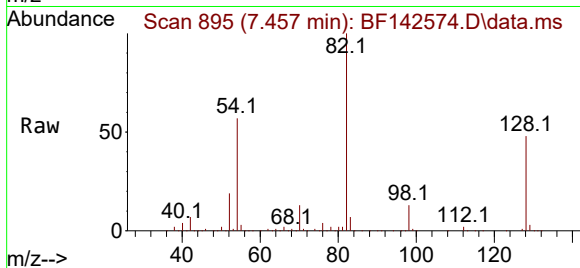
Tgt Ion: 82 Resp: 631214

Ion Ratio Lower Upper

82 100

128 48.0 37.4 56.2

54 56.6 46.6 70.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF142574.D

Acq: 30 May 2025 17:18

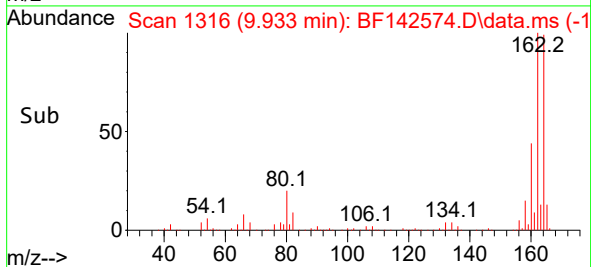
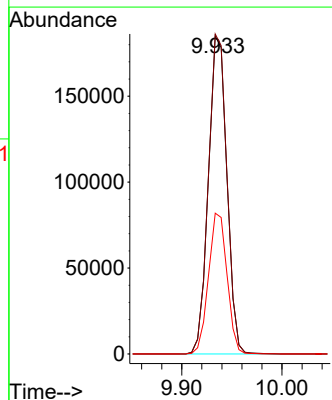
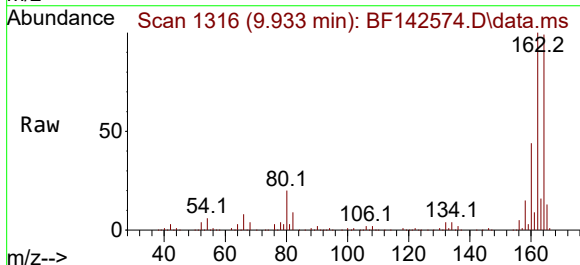
Tgt Ion:164 Resp: 237466

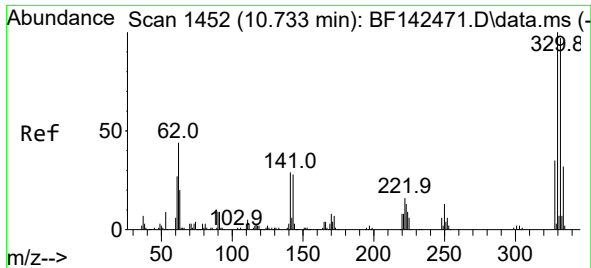
Ion Ratio Lower Upper

164 100

162 100.6 80.2 120.4

160 44.3 35.6 53.4

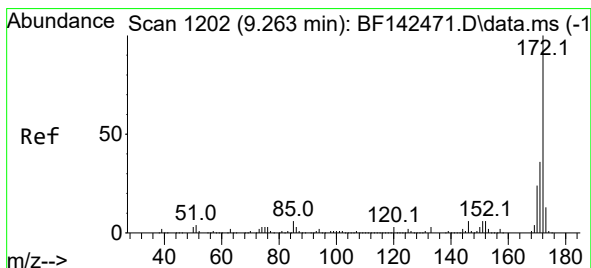
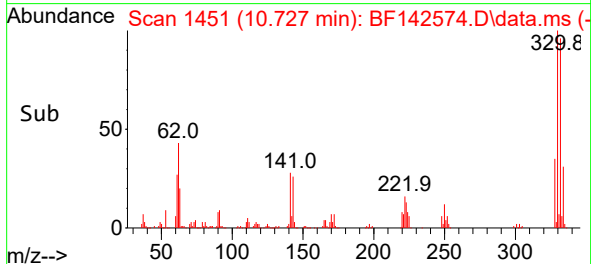
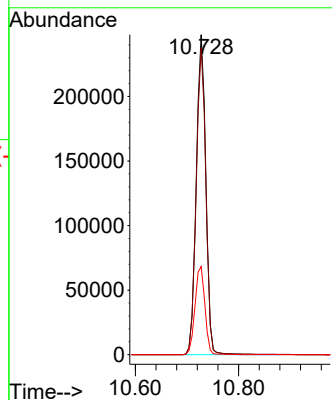
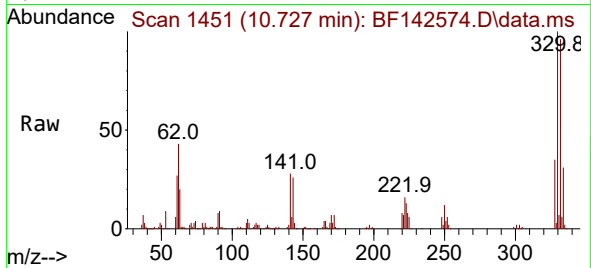




#42
2,4,6-Tribromophenol
Concen: 121.043 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142574.D
Acq: 30 May 2025 17:18

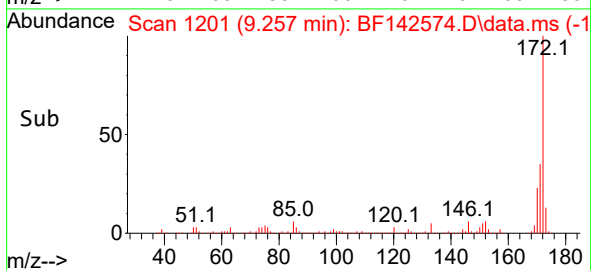
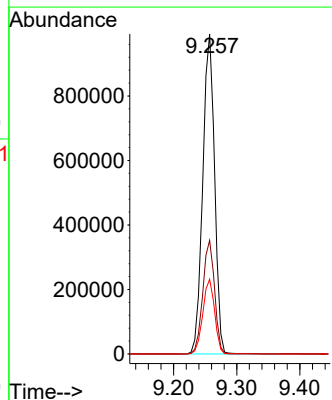
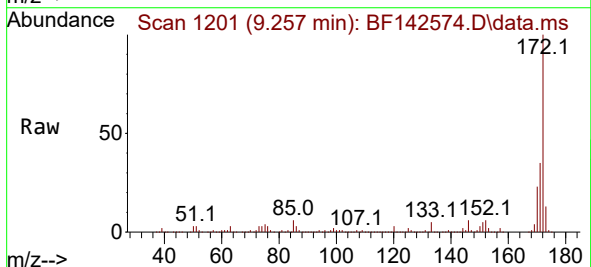
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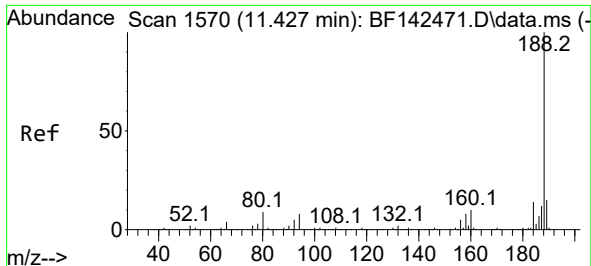
Tgt Ion: 330 Resp: 319017
Ion Ratio Lower Upper
330 100
332 96.3 77.6 116.4
141 28.5 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 73.228 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142574.D
Acq: 30 May 2025 17:18

Tgt Ion: 172 Resp: 1295893
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.3 18.9 28.3

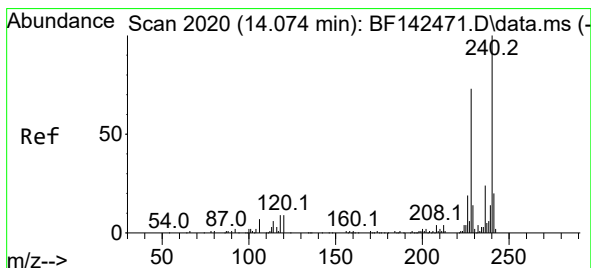
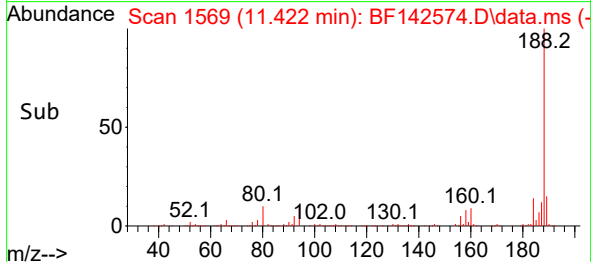
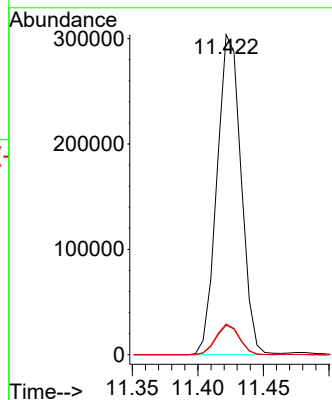
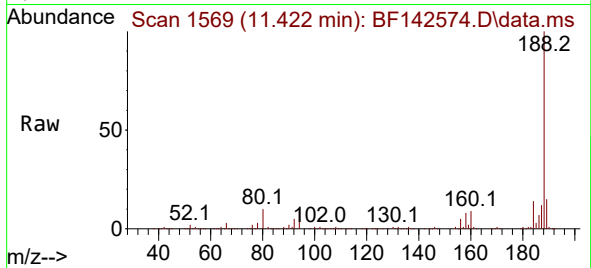




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142574.D
Acq: 30 May 2025 17:18

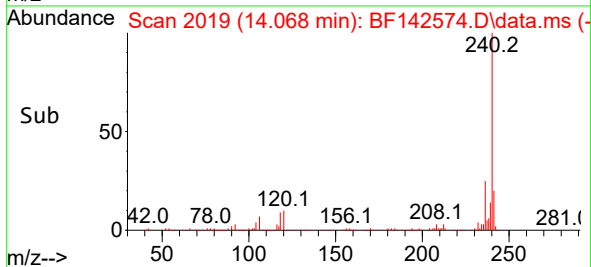
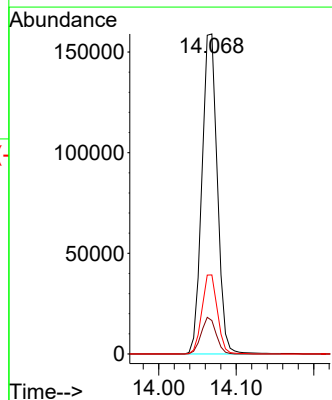
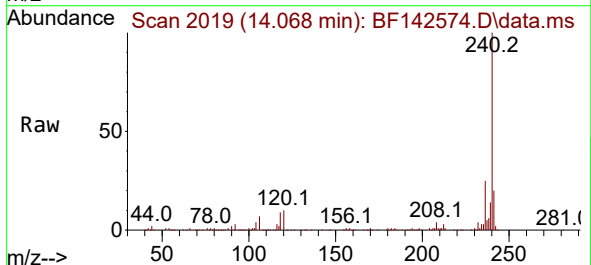
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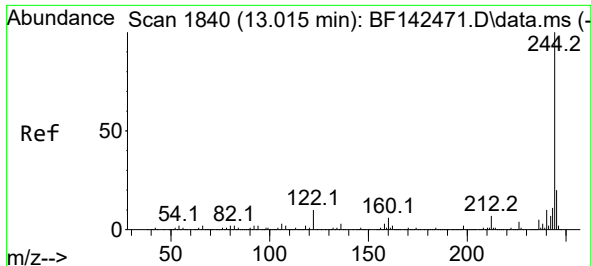
Tgt Ion:188 Resp: 387644
Ion Ratio Lower Upper
188 100
94 9.2 6.6 10.0
80 9.6 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142574.D
Acq: 30 May 2025 17:18

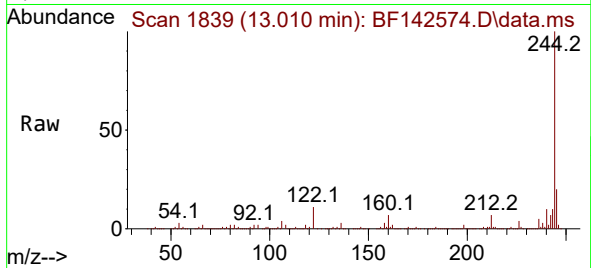
Tgt Ion:240 Resp: 219536
Ion Ratio Lower Upper
240 100
120 10.5 7.5 11.3
236 24.7 19.6 29.4



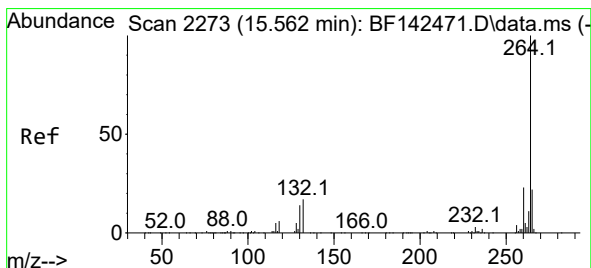
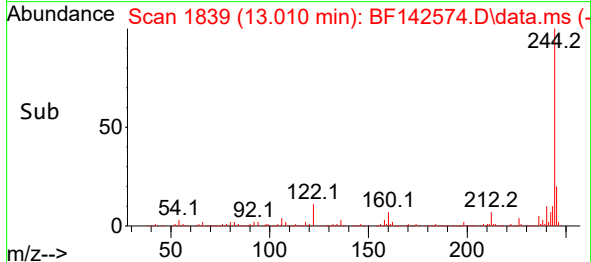
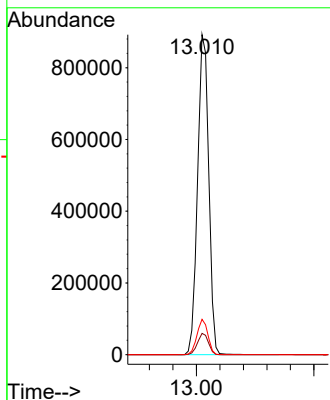


#79
Terphenyl-d14
Concen: 73.083 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142574.D
Acq: 30 May 2025 17:18

Instrument :
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Tgt Ion:244 Resp: 1174086
Ion Ratio Lower Upper
244 100
212 6.6 5.3 7.9
122 11.1 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142574.D
Acq: 30 May 2025 17:18

Tgt Ion:264 Resp: 230875
Ion Ratio Lower Upper
264 100
260 22.5 18.6 28.0
265 21.4 17.7 26.5

