

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
 Data File : BF143379.D
 Acq On : 14 Aug 2025 13:55
 Operator : RC/JU
 Sample : Q2814-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-84SB-E

Quant Time: Aug 14 14:16:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	145977	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	555514	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	299536	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	474946	20.000	ng	0.00
76) Chrysene-d12	14.098	240	287392	20.000	ng	0.00
86) Perylene-d12	15.592	264	273915	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	725246	85.913	ng	0.00
7) Phenol-d6	6.563	99	686745	63.439	ng	0.00
23) Nitrobenzene-d5	7.492	82	1048688	117.559	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	444168	202.902	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1823076	103.209	ng	0.00
79) Terphenyl-d14	13.039	244	1796599	111.608	ng	0.00

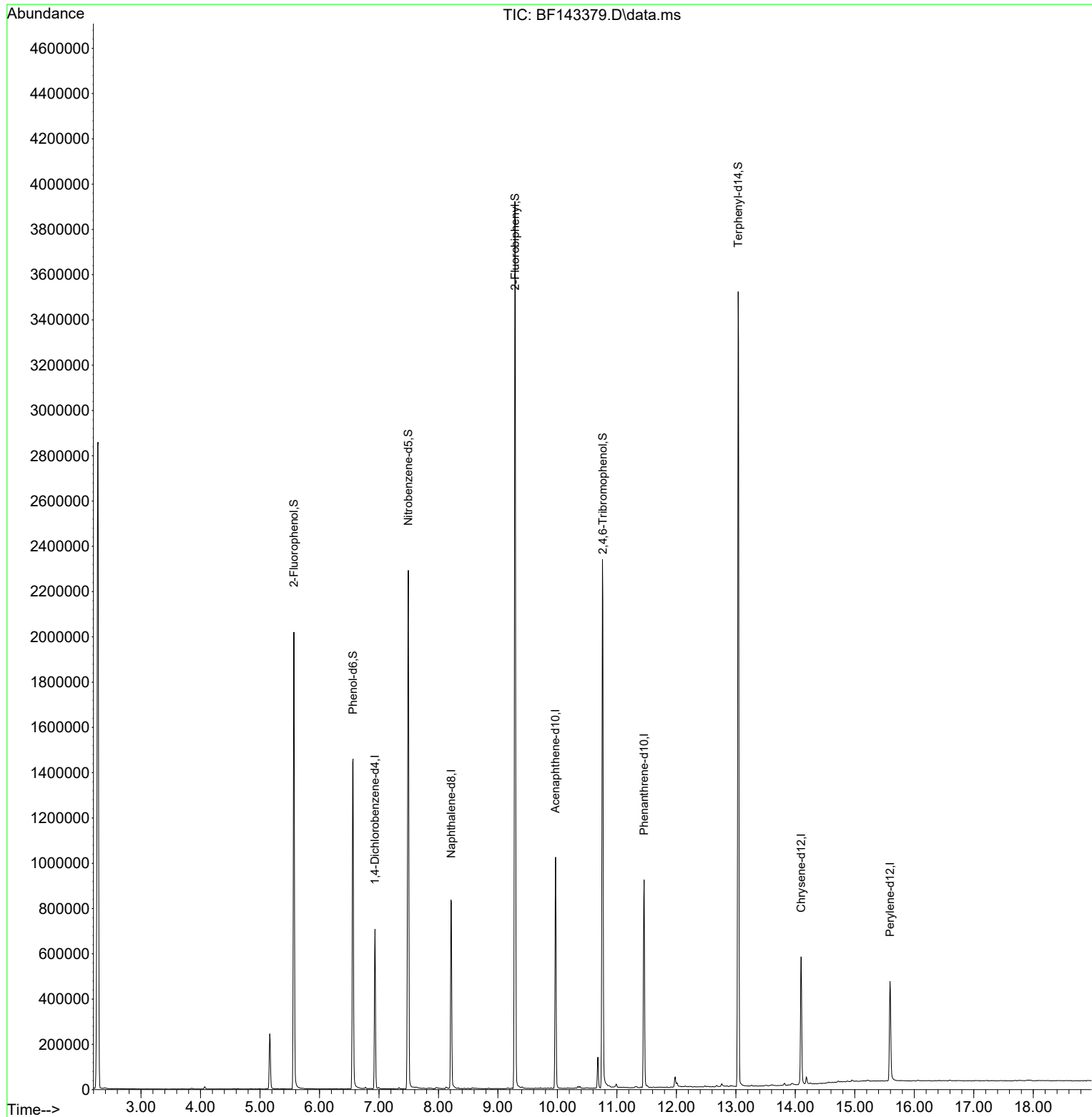
Target Compounds	Qvalue

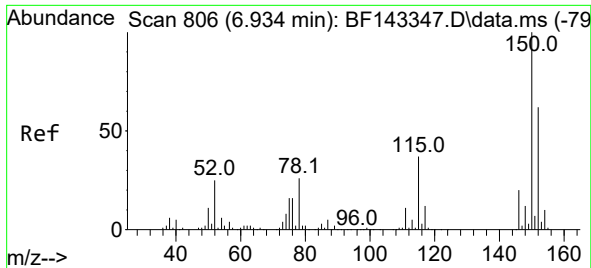
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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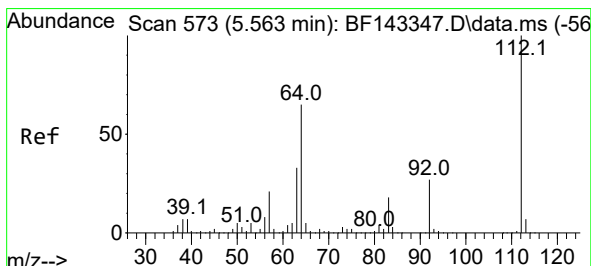
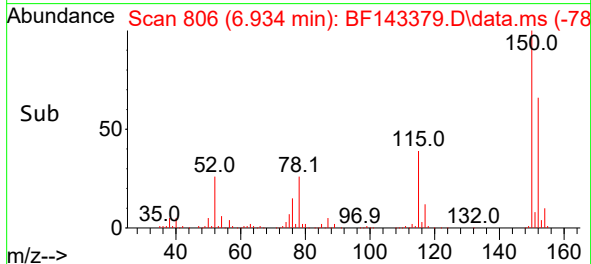
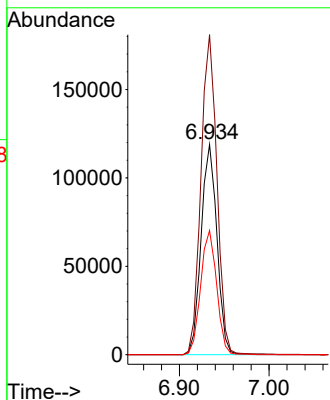
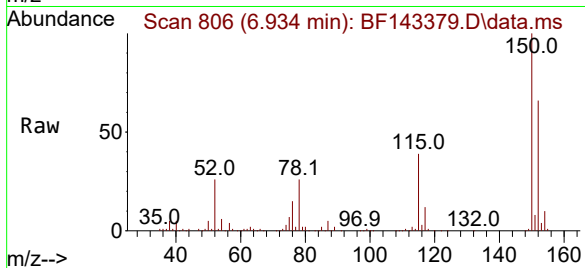




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF143379.D
Acq: 14 Aug 2025 13:55

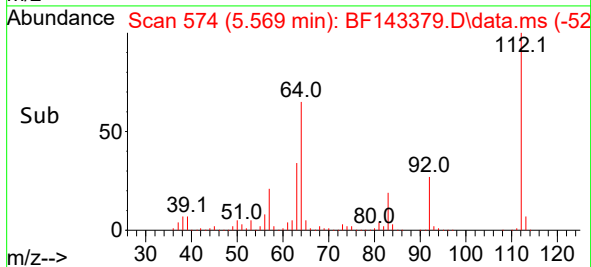
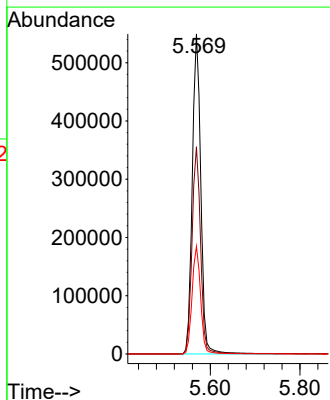
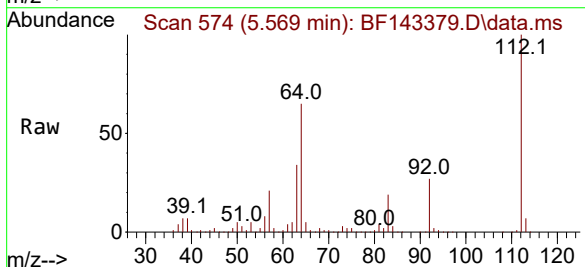
Instrument :
BNA_F
ClientSampleId :
TW-84SB-E

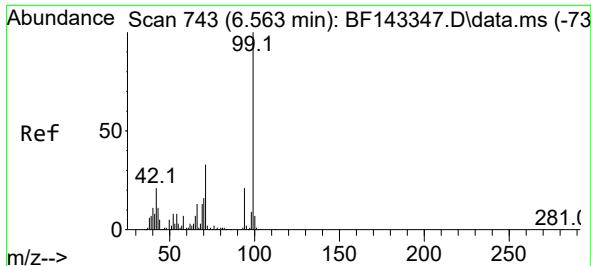
Tgt Ion:152 Resp: 145977
Ion Ratio Lower Upper
152 100
150 152.2 129.8 194.8
115 59.1 47.8 71.8



#5
2-Fluorophenol
Concen: 85.913 ng
RT: 5.569 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF143379.D
Acq: 14 Aug 2025 13:55

Tgt Ion:112 Resp: 725246
Ion Ratio Lower Upper
112 100
64 64.8 52.1 78.1
63 33.7 26.6 39.8

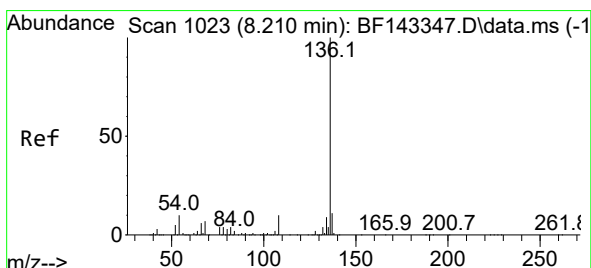
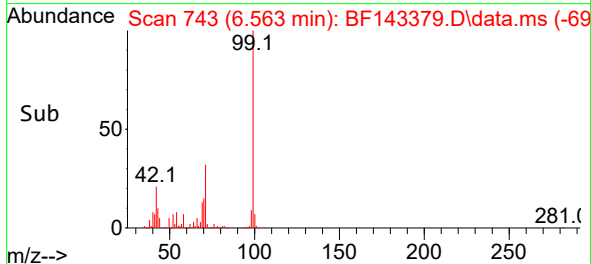
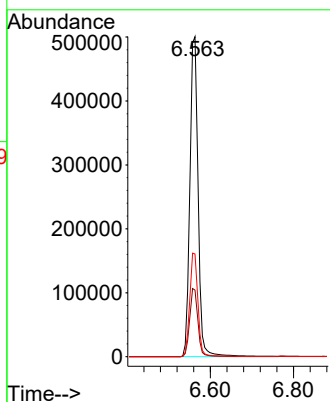
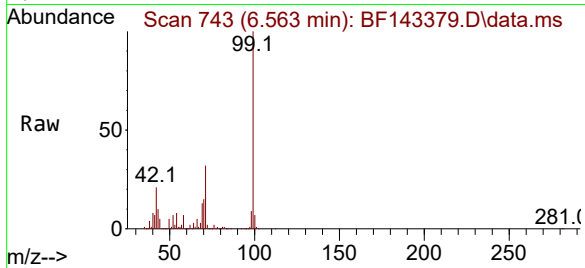




#7
Phenol-d6
Concen: 63.439 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF143379.D
Acq: 14 Aug 2025 13:55

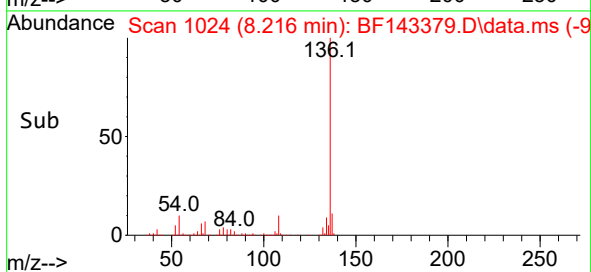
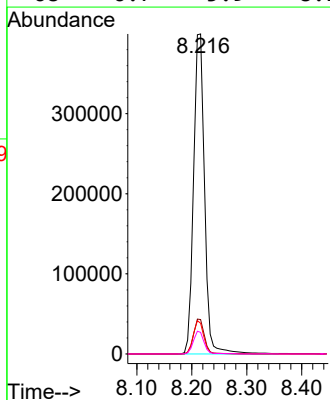
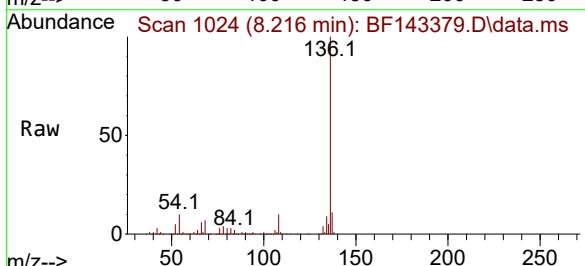
Instrument :
BNA_F
ClientSampleId :
TW-84SB-E

Tgt Ion: 99 Resp: 686745
Ion Ratio Lower Upper
99 100
42 20.8 16.6 25.0
71 32.1 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF143379.D
Acq: 14 Aug 2025 13:55

Tgt Ion: 136 Resp: 555514
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.6 8.4 12.6
68 6.7 5.9 8.9





#23

Nitrobenzene-d5

Concen: 117.559 ng

RT: 7.492 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF143379.D

Acq: 14 Aug 2025 13:55

Instrument :

BNA_F

ClientSampleId :

TW-84SB-E

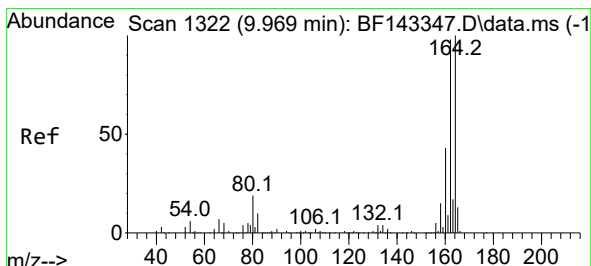
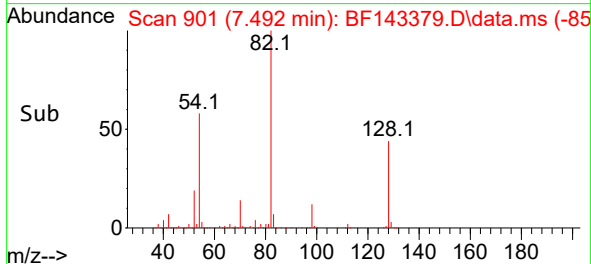
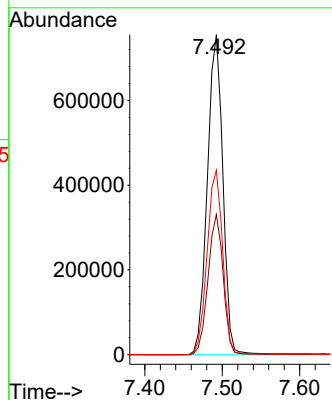
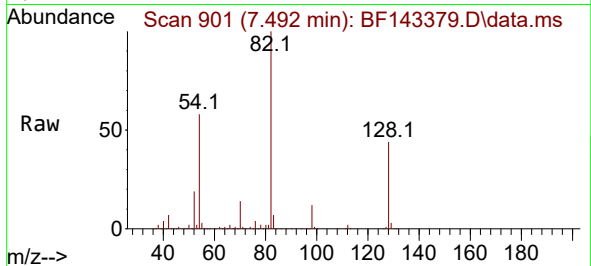
Tgt Ion: 82 Resp: 1048688

Ion Ratio Lower Upper

82 100

128 43.8 33.5 50.3

54 57.7 46.7 70.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF143379.D

Acq: 14 Aug 2025 13:55

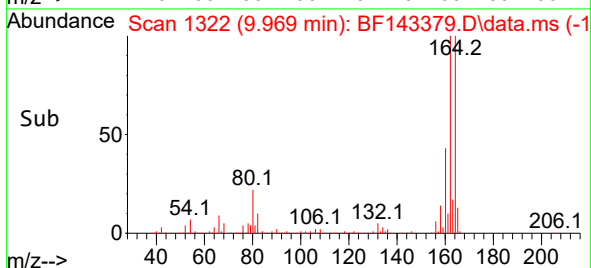
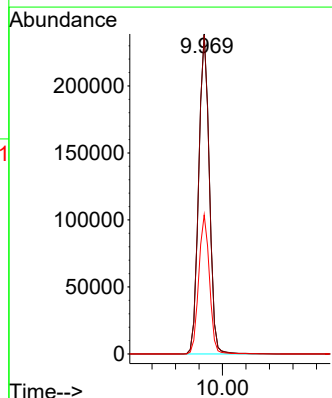
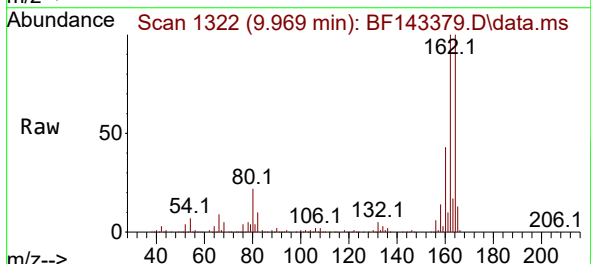
Tgt Ion:164 Resp: 299536

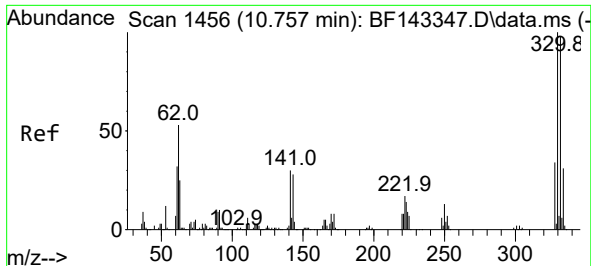
Ion Ratio Lower Upper

164 100

162 99.7 78.6 118.0

160 43.5 34.4 51.6

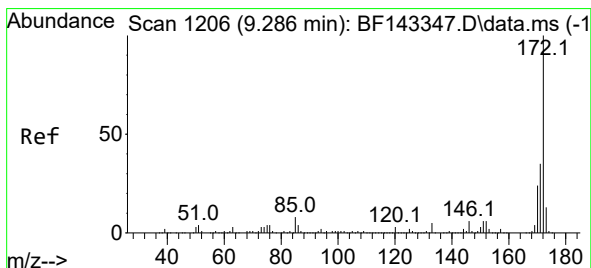
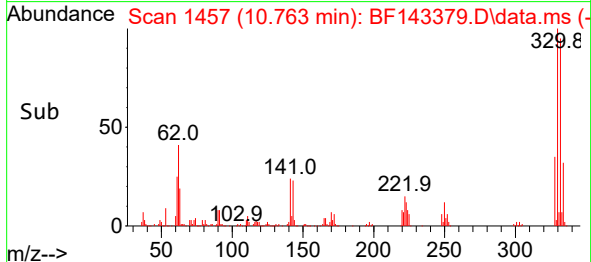
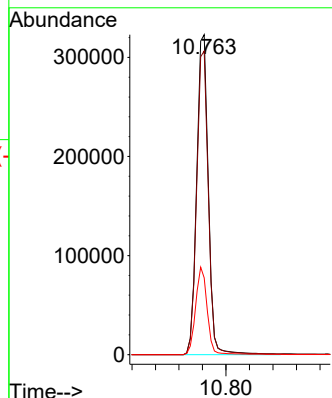
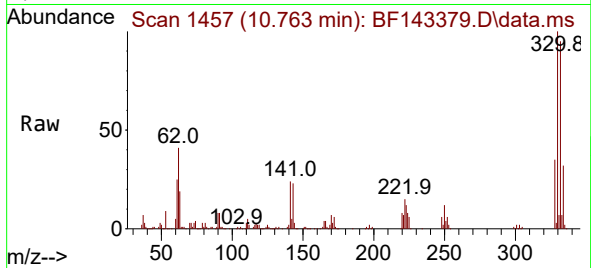




#42
2,4,6-Tribromophenol
Concen: 202.902 ng
RT: 10.763 min Scan# 1456
Delta R.T. 0.006 min
Lab File: BF143379.D
Acq: 14 Aug 2025 13:55

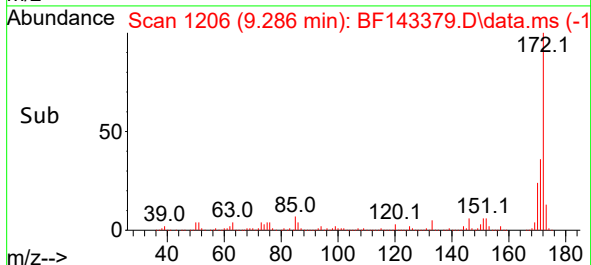
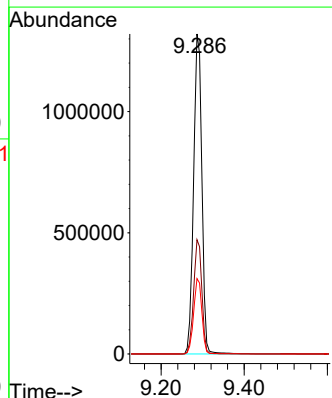
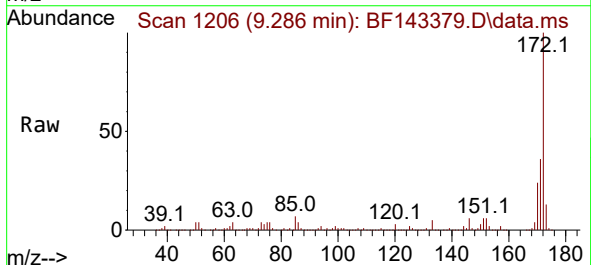
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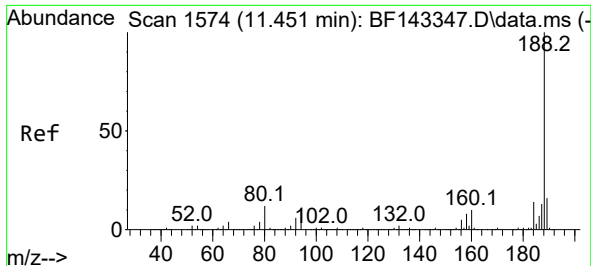
Tgt Ion:330 Resp: 444168
Ion Ratio Lower Upper
330 100
332 95.4 78.1 117.1
141 27.5 25.4 38.0



#45
2-Fluorobiphenyl
Concen: 103.209 ng
RT: 9.286 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF143379.D
Acq: 14 Aug 2025 13:55

Tgt Ion:172 Resp: 1823076
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.6 19.1 28.7

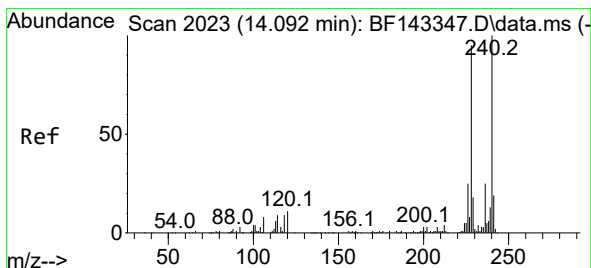
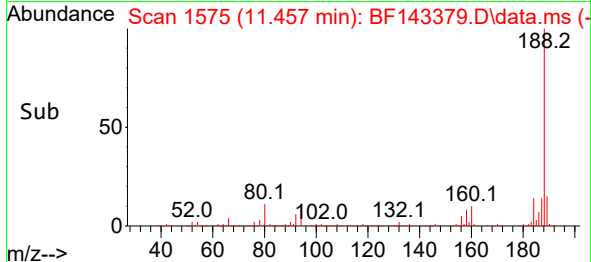
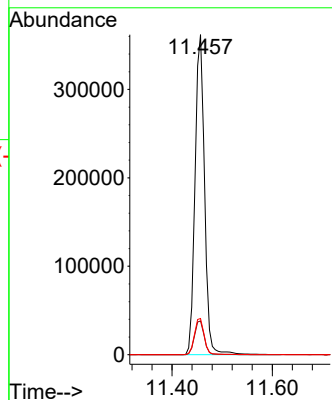
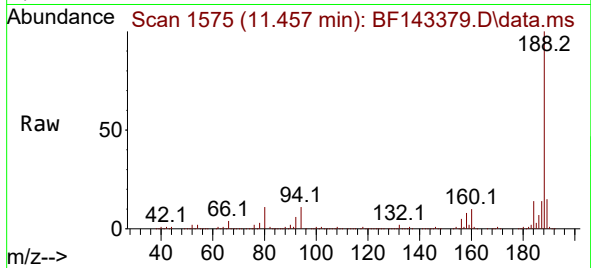




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143379.D
Acq: 14 Aug 2025 13:55

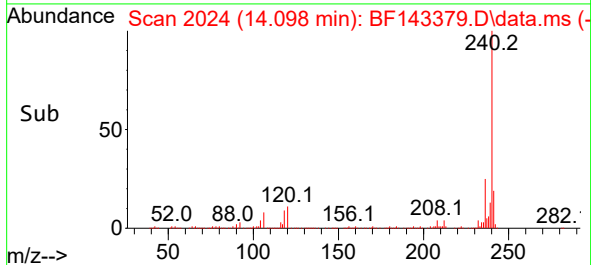
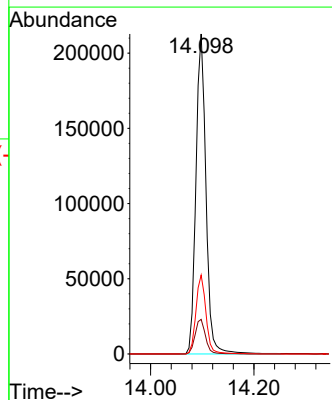
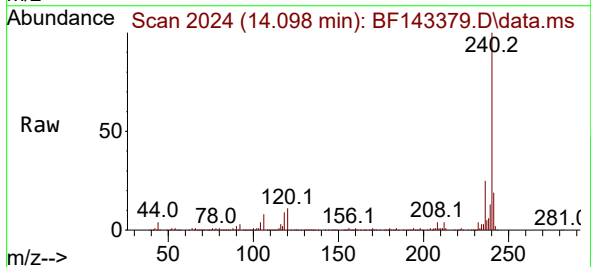
Instrument :
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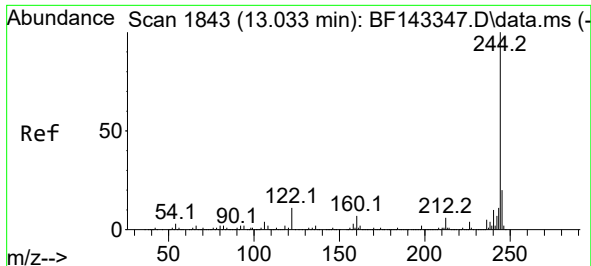
Tgt Ion:188 Resp: 474946
Ion Ratio Lower Upper
188 100
94 10.5 8.8 13.2
80 11.3 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF143379.D
Acq: 14 Aug 2025 13:55

Tgt Ion:240 Resp: 287392
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.6
236 24.7 19.9 29.9

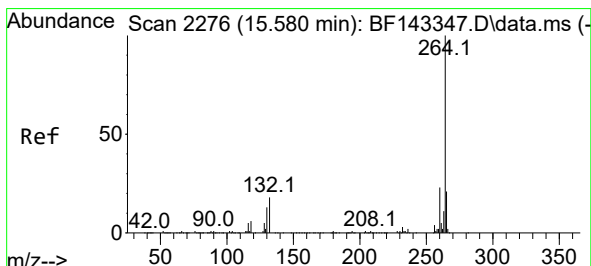
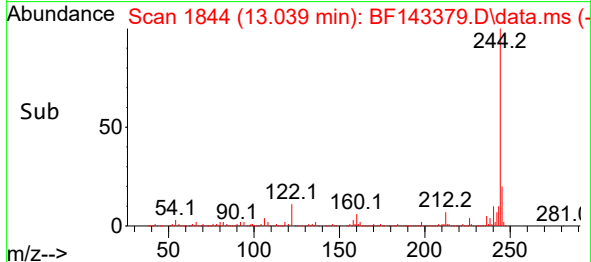
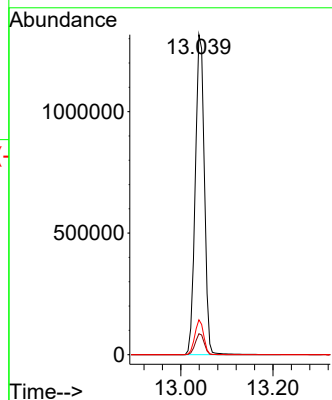
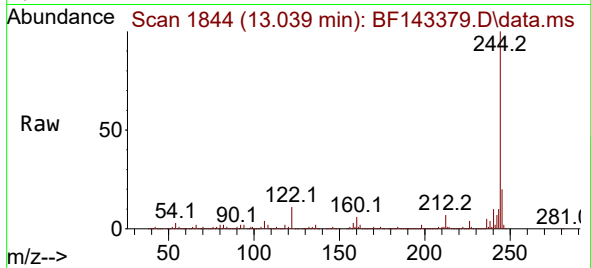




#79
 Terphenyl-d14
 Concen: 111.608 ng
 RT: 13.039 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF143379.D
 Acq: 14 Aug 2025 13:55

Instrument :
 BNA_F
 ClientSampleId :
 TW-84SB-E

Tgt Ion:244 Resp: 1796599
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 10.9 8.9 13.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.592 min Scan# 2278
 Delta R.T. 0.012 min
 Lab File: BF143379.D
 Acq: 14 Aug 2025 13:55

Tgt Ion:264 Resp: 273915
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 22.1 17.2 25.8

