

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
 Data File : BF143529.D
 Acq On : 21 Aug 2025 14:42
 Operator : RC/JU
 Sample : Q2900-05DL2 100X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11C-081825DL2

Quant Time: Aug 21 15:23:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 21 06:12:21 2025
 Response via : Initial Calibration

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

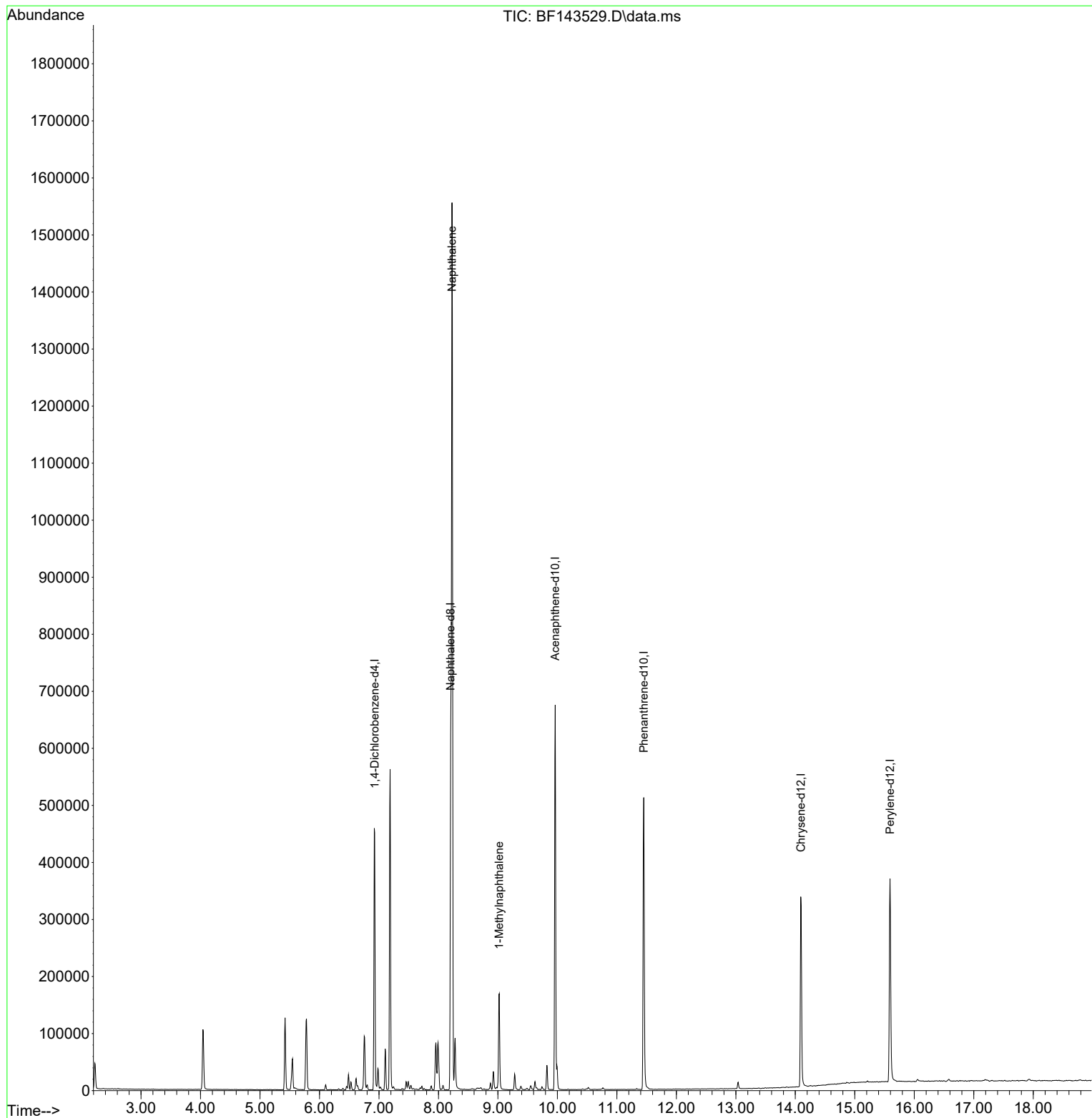
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	101432	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	390858	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	202413	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	279024	20.000	ng	0.00
76) Chrysene-d12	14.092	240	183510	20.000	ng	-0.01
86) Perylene-d12	15.592	264	231339	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	3138	0.540	ng	0.02
7) Phenol-d6	6.598	99	1944	0.271	ng	0.02
23) Nitrobenzene-d5	7.492	82	6059	0.905	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	1084	0.575	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	16397	1.339	ng	0.00
79) Terphenyl-d14	13.039	244	9335	0.888	ng	0.00
Target Compounds						
31) Naphthalene	8.228	128	940099	50.098	ng	99
38) 1-Methylnaphthalene	9.022	142	68359	5.702	ng	98

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

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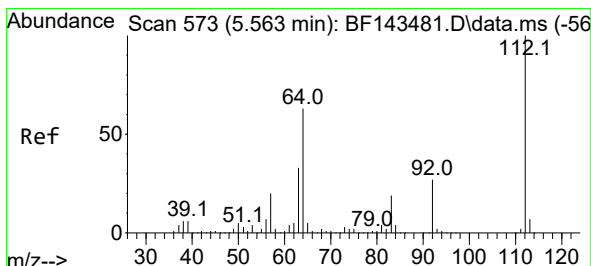
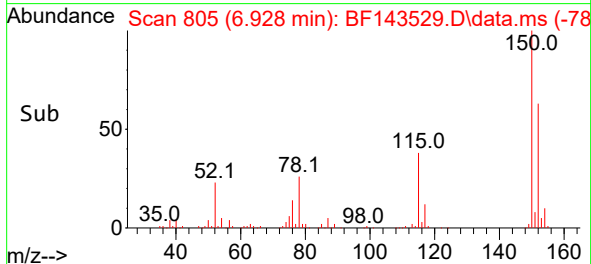
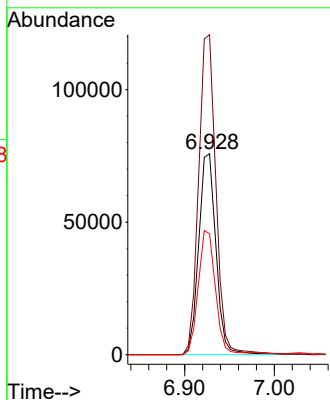
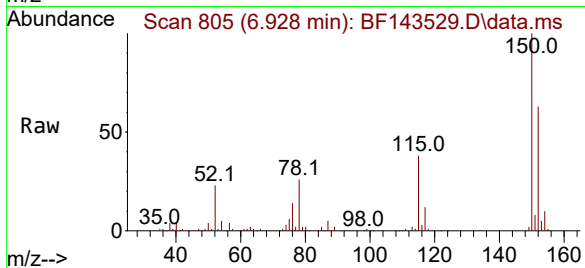




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF143529.D
Acq: 21 Aug 2025 14:42

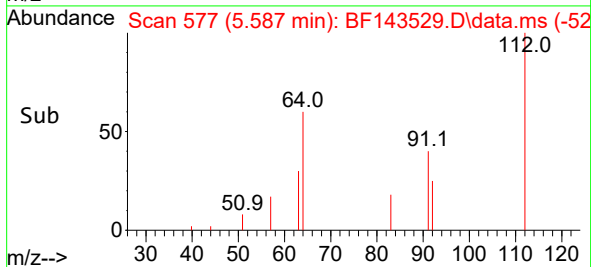
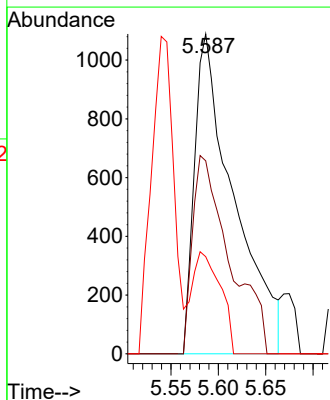
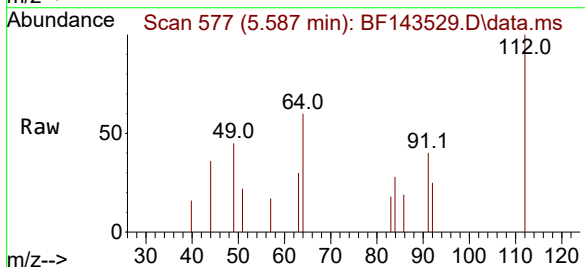
Instrument :
BNA_F
ClientSampleId :
MW-11C-081825DL2

Tgt Ion:152 Resp: 101432
Ion Ratio Lower Upper
152 100
150 159.2 128.9 193.3
115 60.2 49.2 73.8



#5
2-Fluorophenol
Concen: 0.540 ng
RT: 5.587 min Scan# 577
Delta R.T. 0.024 min
Lab File: BF143529.D
Acq: 21 Aug 2025 14:42

Tgt Ion:112 Resp: 3138
Ion Ratio Lower Upper
112 100
64 60.3 50.4 75.6
63 30.4 26.4 39.6

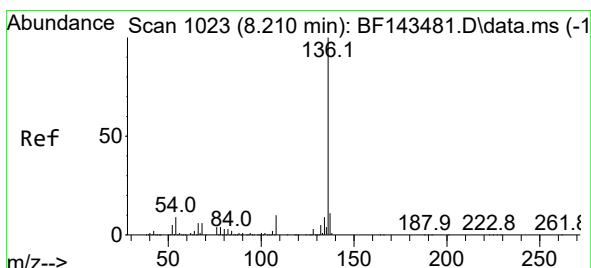
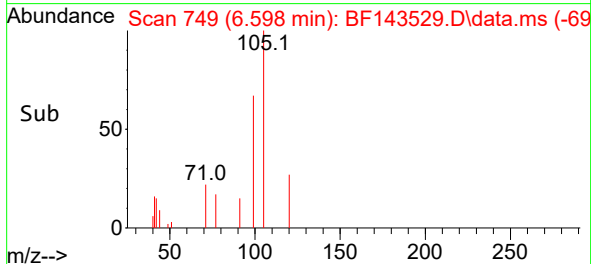
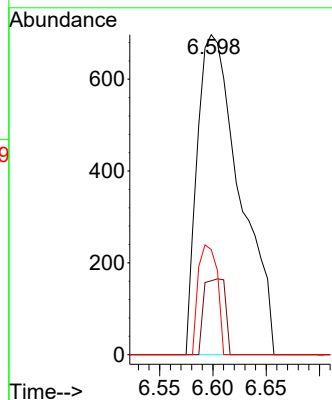
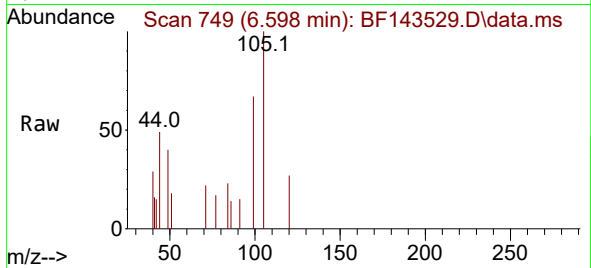




#7
Phenol-d6
Concen: 0.271 ng
RT: 6.598 min Scan# 743
Delta R.T. 0.023 min
Lab File: BF143529.D
Acq: 21 Aug 2025 14:42

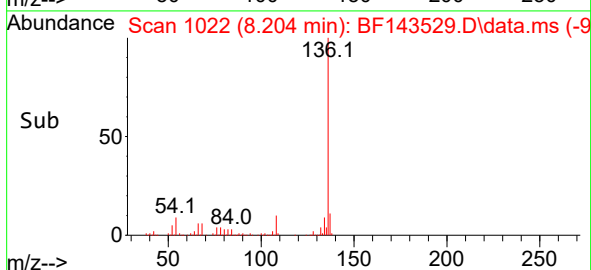
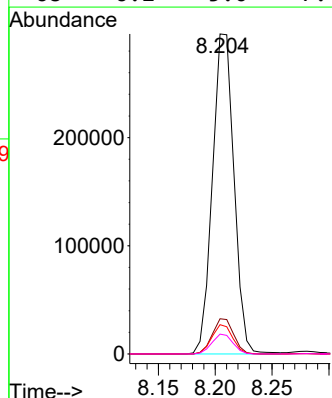
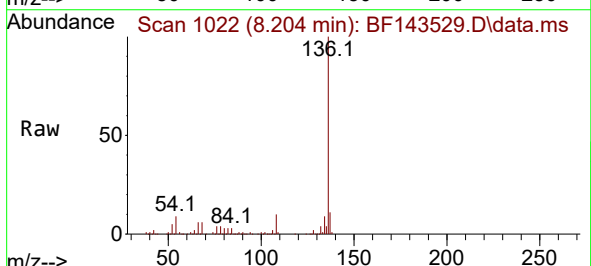
Instrument :
BNA_F
ClientSampleId :
MW-11C-081825DL2

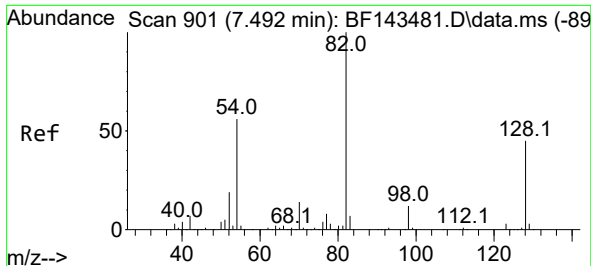
Tgt Ion: 99 Resp: 1944
Ion Ratio Lower Upper
99 100
42 23.1 16.3 24.5
71 32.9 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143529.D
Acq: 21 Aug 2025 14:42

Tgt Ion: 136 Resp: 390858
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.2 7.4 11.2
68 6.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 0.905 ng

RT: 7.492 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF143529.D

Acq: 21 Aug 2025 14:42

Instrument :

BNA_F

ClientSampleId :

MW-11C-081825DL2

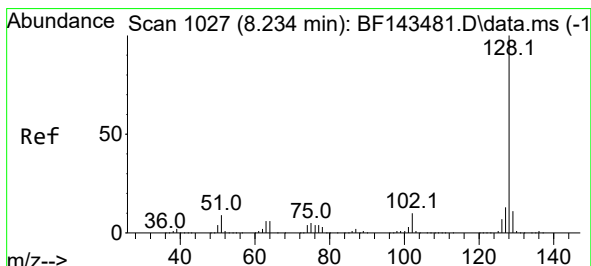
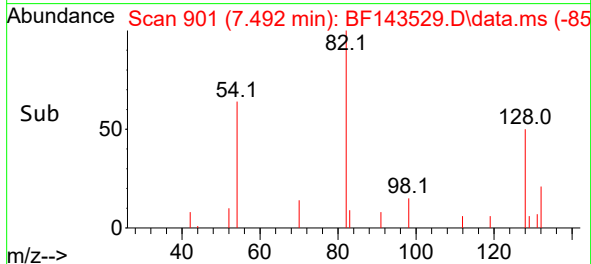
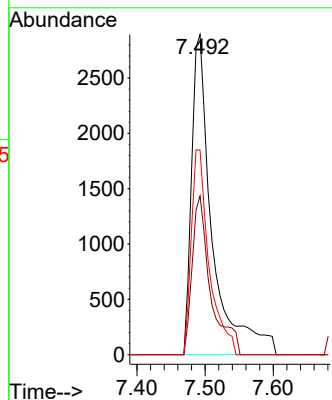
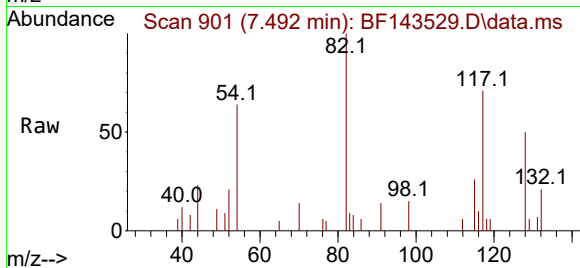
Tgt Ion: 82 Resp: 6059

Ion Ratio Lower Upper

82 100

128 49.6 35.5 53.3

54 63.9 44.3 66.5



#31

Naphthalene

Concen: 50.098 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF143529.D

Acq: 21 Aug 2025 14:42

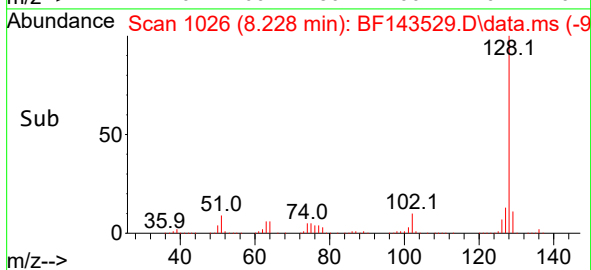
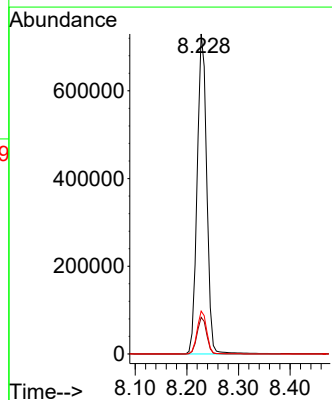
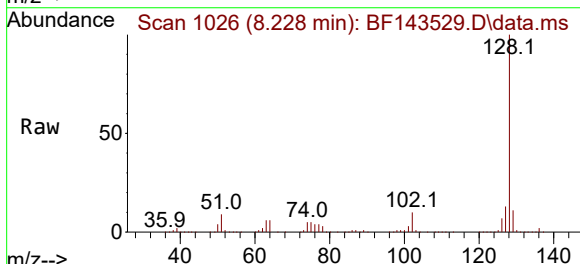
Tgt Ion:128 Resp: 940099

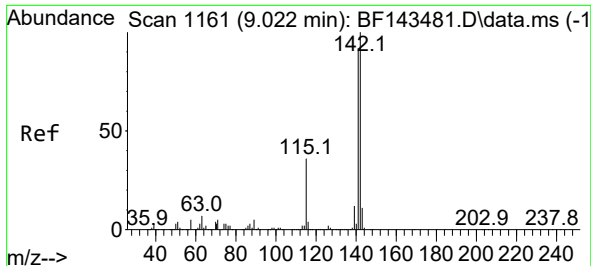
Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

127 13.4 10.6 16.0

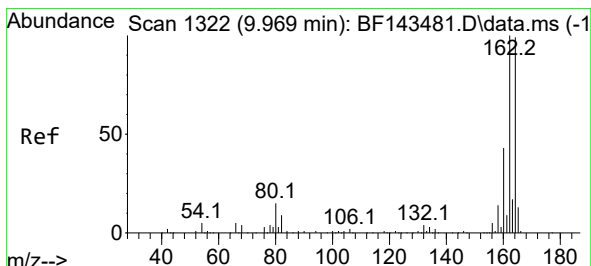
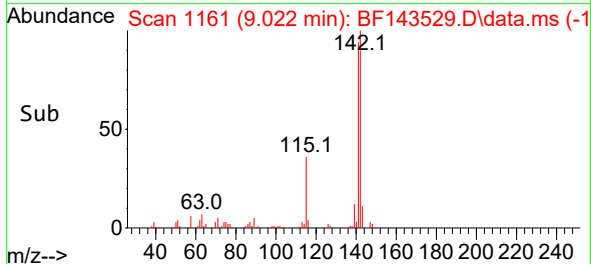
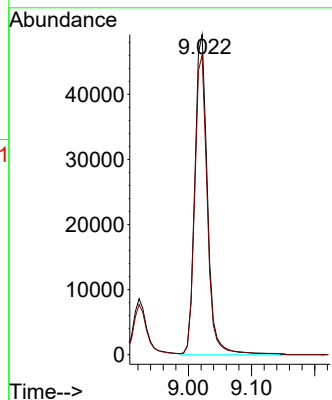
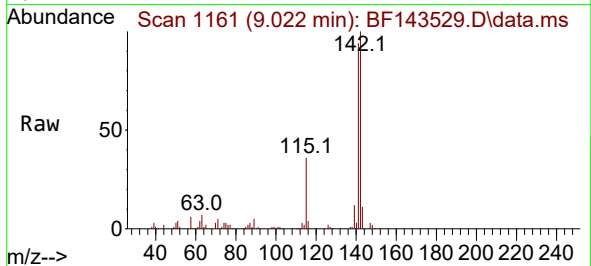




#38
1-Methylnaphthalene
Concen: 5.702 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143529.D
Acq: 21 Aug 2025 14:42

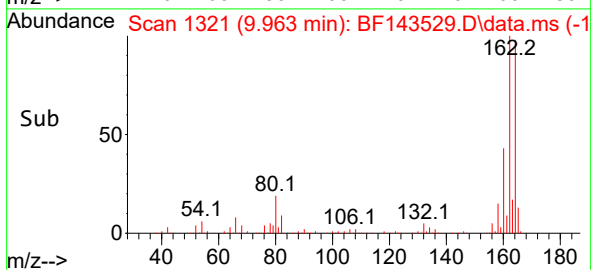
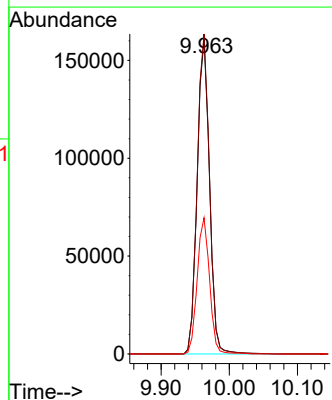
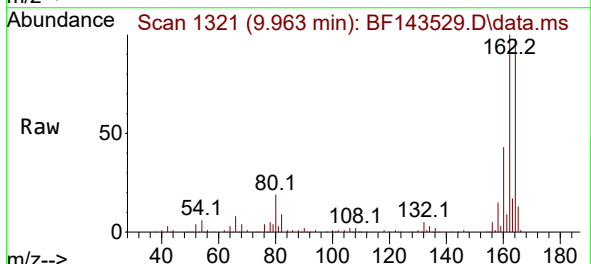
Instrument :
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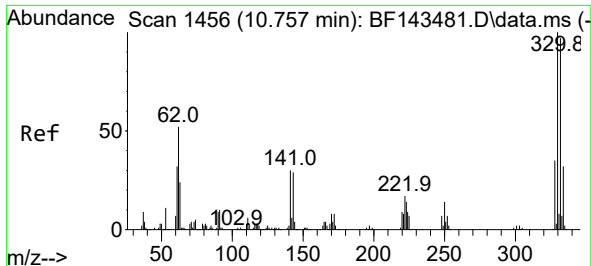
Tgt Ion:142 Resp: 68359
Ion Ratio Lower Upper
142 100
141 93.6 73.3 109.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF143529.D
Acq: 21 Aug 2025 14:42

Tgt Ion:164 Resp: 202413
Ion Ratio Lower Upper
164 100
162 101.7 80.5 120.7
160 43.3 34.3 51.5

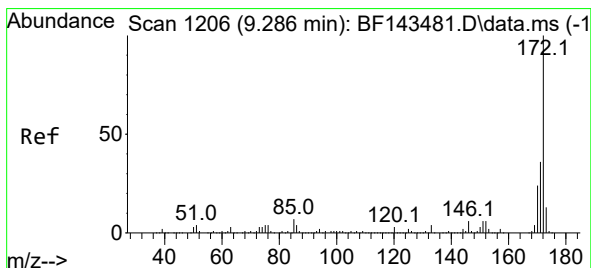
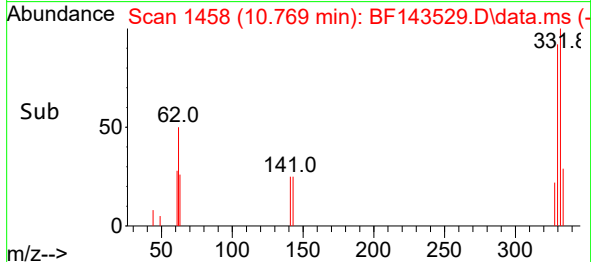
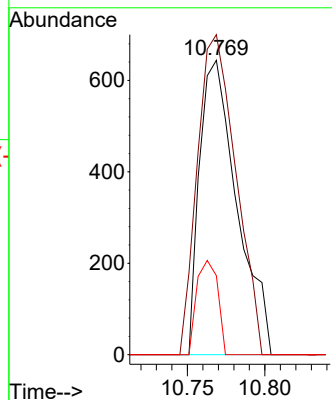
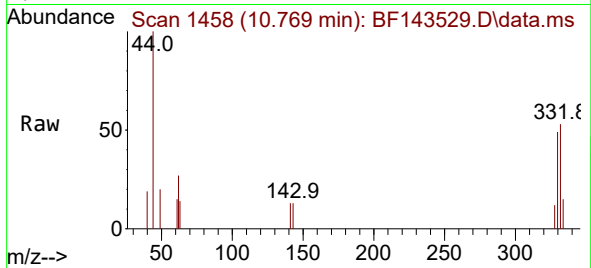




#42
2,4,6-Tribromophenol
Concen: 0.575 ng
RT: 10.769 min Scan# 1456
Delta R.T. 0.006 min
Lab File: BF143529.D
Acq: 21 Aug 2025 14:42

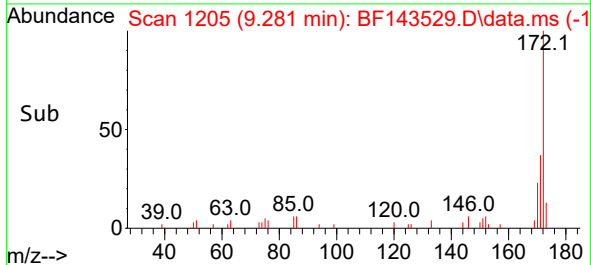
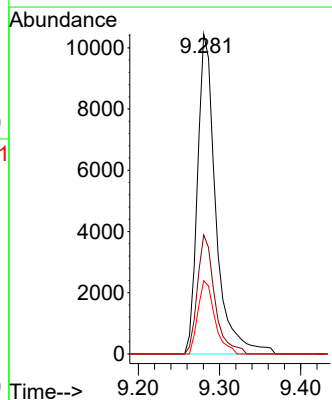
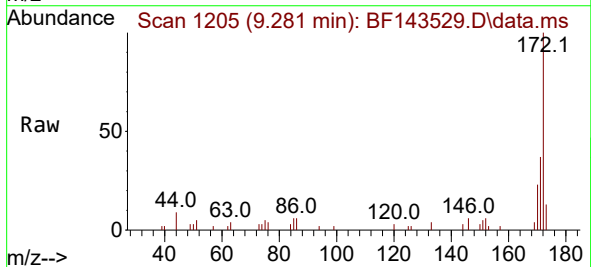
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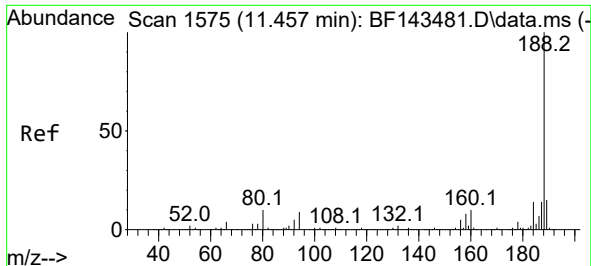
Tgt Ion: 330 Resp: 1084
Ion Ratio Lower Upper
330 100
332 111.5 78.0 117.0
141 17.9 23.7 35.5#



#45
2-Fluorobiphenyl
Concen: 1.339 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143529.D
Acq: 21 Aug 2025 14:42

Tgt Ion: 172 Resp: 16397
Ion Ratio Lower Upper
172 100
171 37.2 28.8 43.2
170 22.9 18.8 28.2

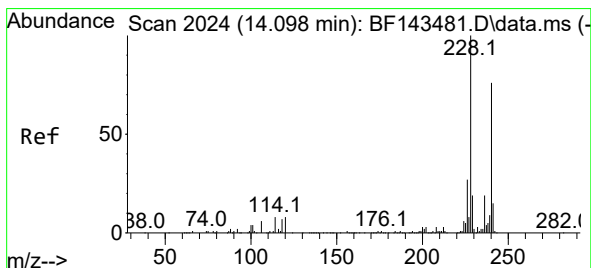
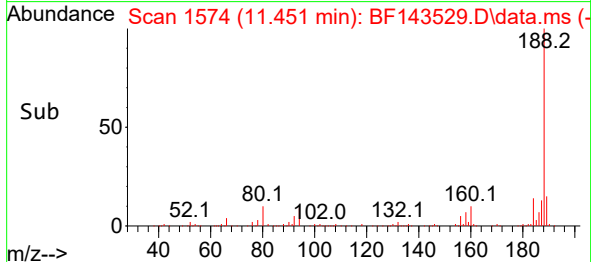
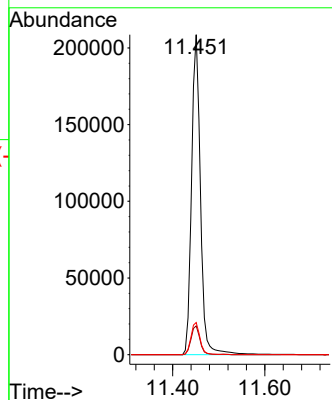
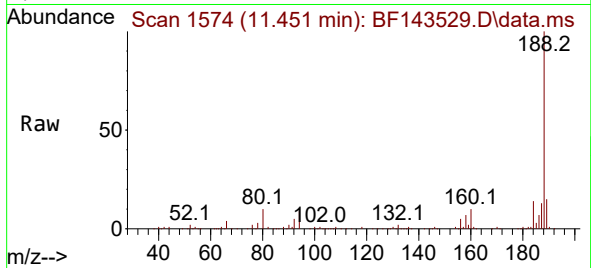




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143529.D
Acq: 21 Aug 2025 14:42

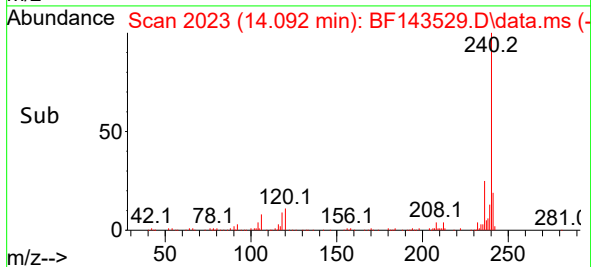
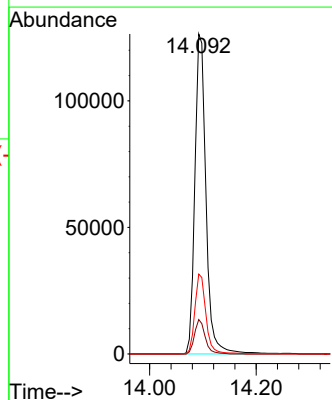
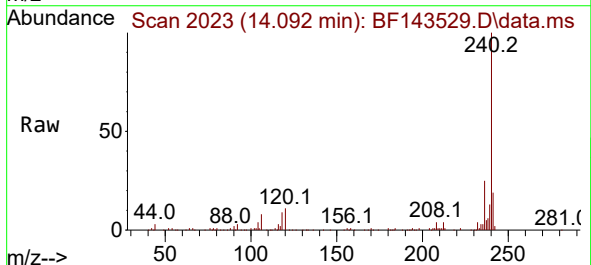
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MW-11C-081825DL2

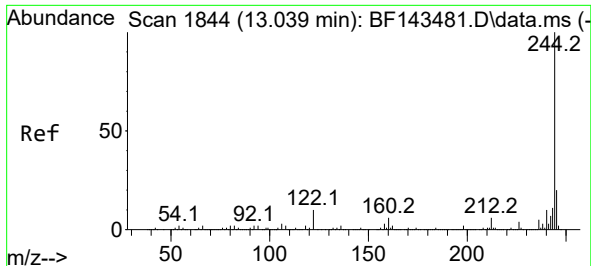
Tgt Ion:188 Resp: 279024
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 10.0 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF143529.D
Acq: 21 Aug 2025 14:42

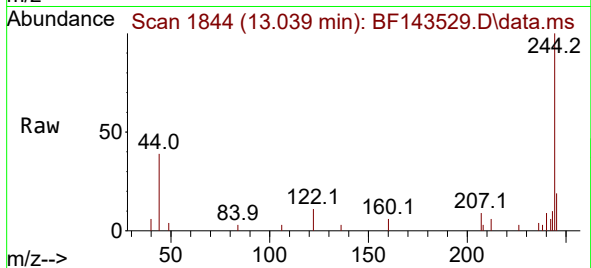
Tgt Ion:240 Resp: 183510
Ion Ratio Lower Upper
240 100
120 10.7 8.6 12.8
236 25.0 20.4 30.6



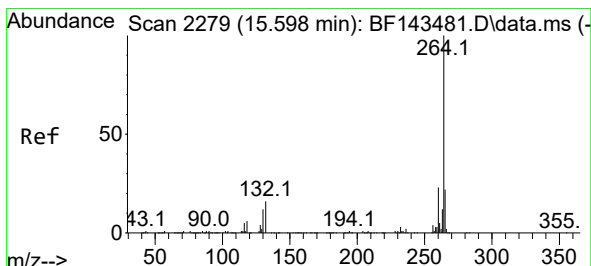
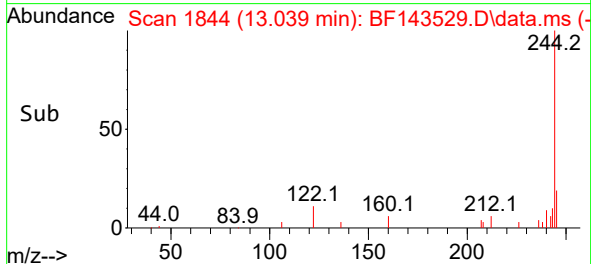
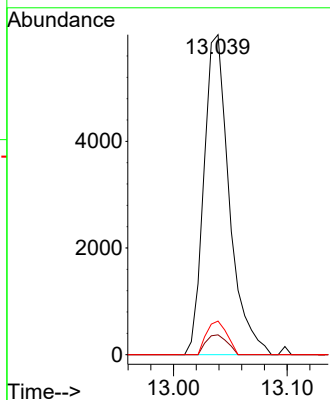


#79
 Terphenyl-d14
 Concen: 0.888 ng
 RT: 13.039 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF143529.D
 Acq: 21 Aug 2025 14:42

Instrument :
 BNA_F
 ClientSampleId :
 MW-11C-081825DL2



Tgt Ion:244 Resp: 9335
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.2 7.8
 122 10.5 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.592 min Scan# 2278
 Delta R.T. -0.006 min
 Lab File: BF143529.D
 Acq: 21 Aug 2025 14:42

Tgt Ion:264 Resp: 231339
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 21.0 17.6 26.4

