

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
 Data File : BF143547.D
 Acq On : 22 Aug 2025 00:23
 Operator : RC/JU
 Sample : Q2903-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1B-081925

Quant Time: Aug 22 01:05:19 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	6.922	152	109377	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	406187	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	209908	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	278634	20.000	ng	0.00
76) Chrysene-d12	14.092	240	223458	20.000	ng	-0.01
86) Perylene-d12	15.592	264	240426	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	439976	70.240	ng	0.00
7) Phenol-d6	6.557	99	363011	46.947	ng	-0.02
23) Nitrobenzene-d5	7.487	82	665294	95.579	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	240130	122.896	ng	-0.01
45) 2-Fluorobiphenyl	9.281	172	1151080	90.628	ng	0.00
79) Terphenyl-d14	13.033	244	847141	66.155	ng	0.00

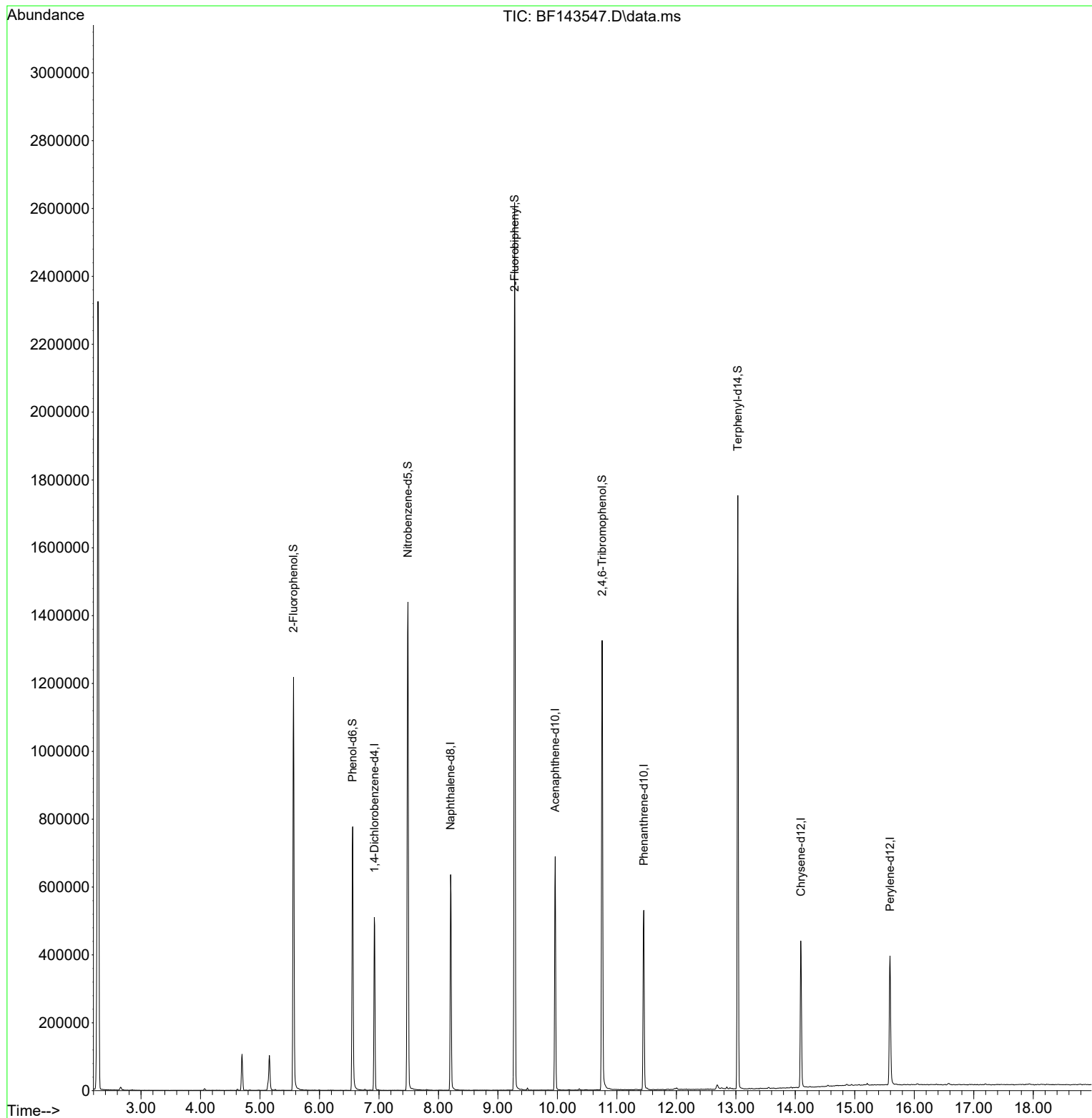
Target Compounds	Qvalue

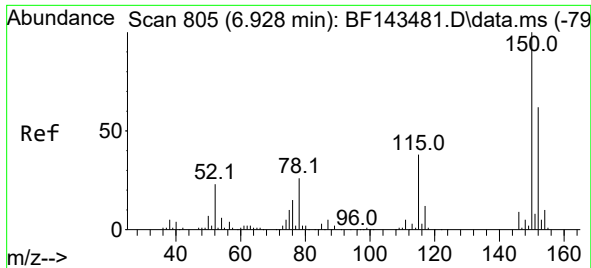
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143547.D
Acq On : 22 Aug 2025 00:23
Operator : RC/JU
Sample : Q2903-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1B-081925

Quant Time: Aug 22 01:05:19 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

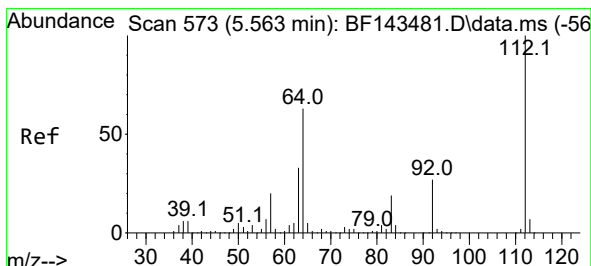
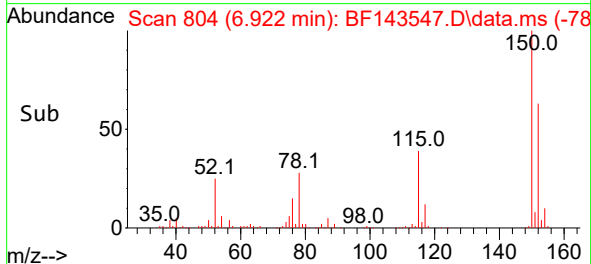
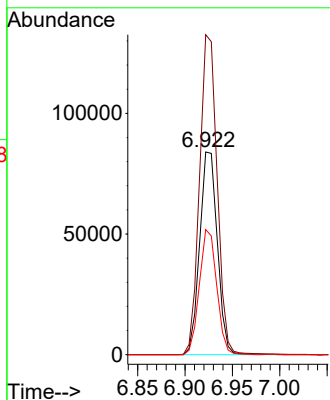
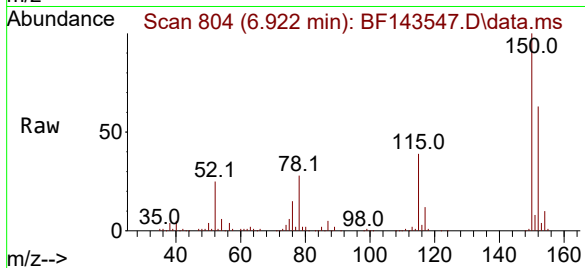




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.922 min Scan# 805
 Delta R.T. -0.006 min
 Lab File: BF143547.D
 Acq: 22 Aug 2025 00:23

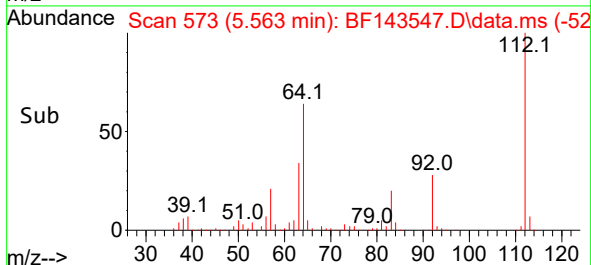
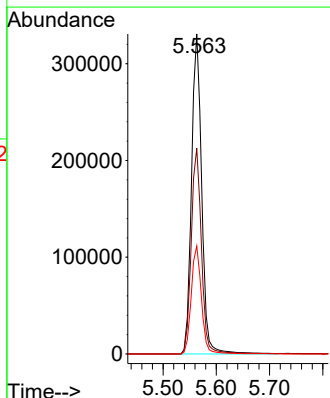
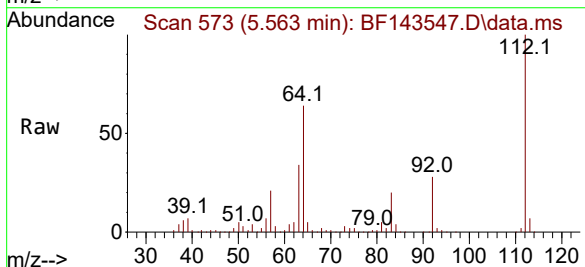
Instrument :
 BNA_F
 ClientSampleId :
 MW-1B-081925

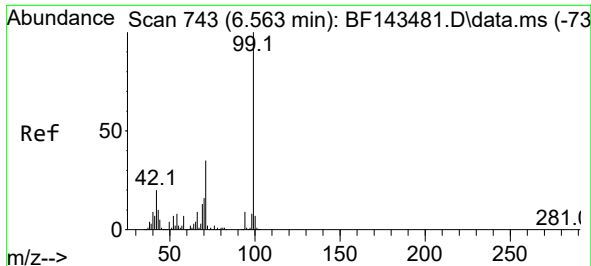
Tgt Ion:152 Resp: 109377
 Ion Ratio Lower Upper
 152 100
 150 157.8 128.9 193.3
 115 61.7 49.2 73.8



#5
 2-Fluorophenol
 Concen: 70.240 ng
 RT: 5.563 min Scan# 573
 Delta R.T. -0.000 min
 Lab File: BF143547.D
 Acq: 22 Aug 2025 00:23

Tgt Ion:112 Resp: 439976
 Ion Ratio Lower Upper
 112 100
 64 64.3 50.4 75.6
 63 33.8 26.4 39.6

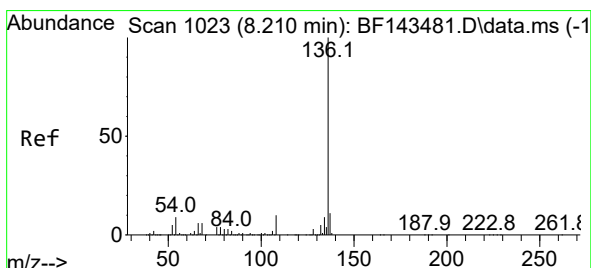
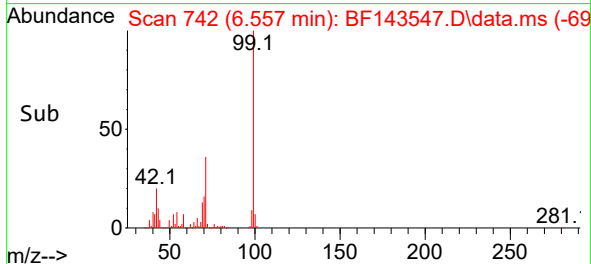
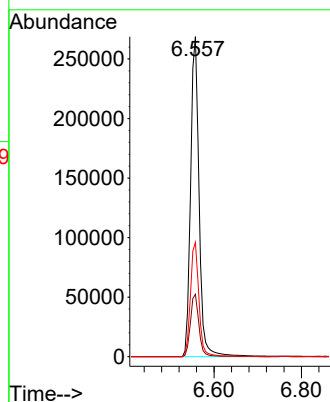
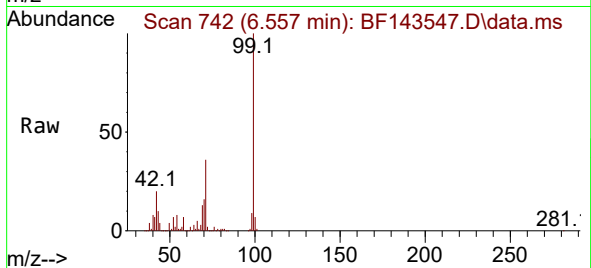




#7
Phenol-d6
Concen: 46.947 ng
RT: 6.557 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF143547.D
Acq: 22 Aug 2025 00:23

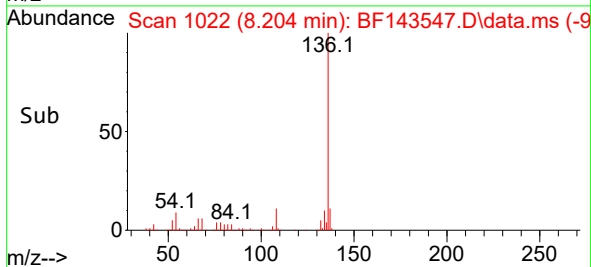
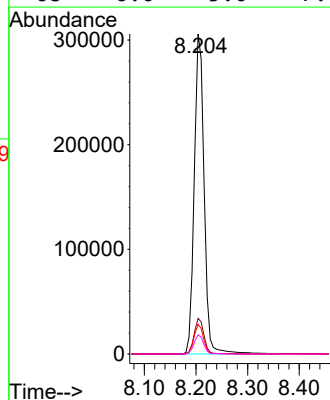
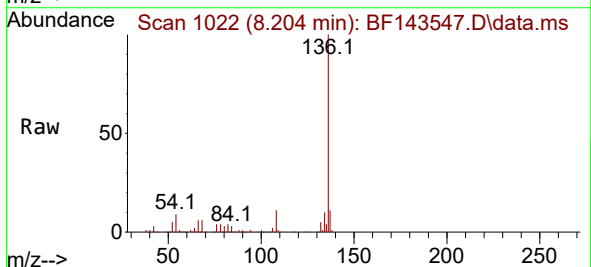
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925

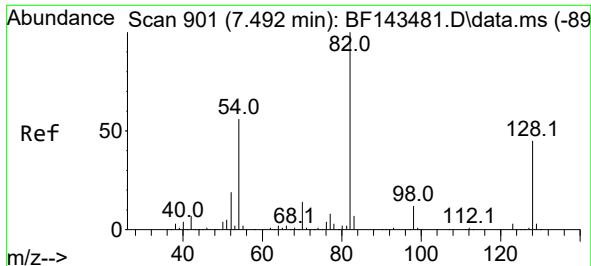
Tgt Ion: 99 Resp: 363011
Ion Ratio Lower Upper
99 100
42 19.5 16.3 24.5
71 35.7 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143547.D
Acq: 22 Aug 2025 00:23

Tgt Ion: 136 Resp: 406187
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 9.3 7.4 11.2
68 6.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 95.579 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.012 min

Lab File: BF143547.D

Acq: 22 Aug 2025 00:23

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925

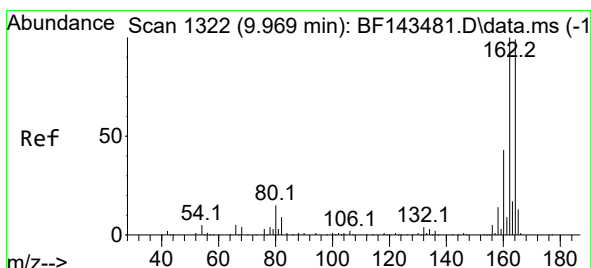
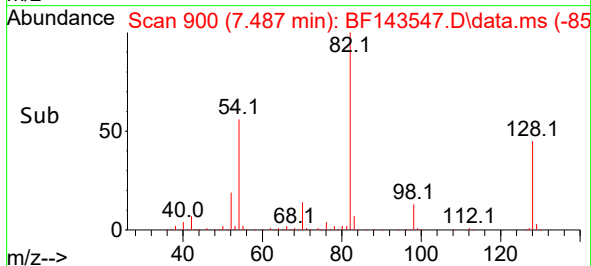
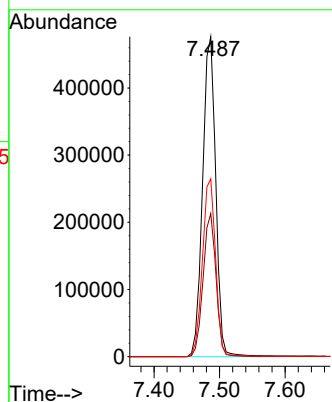
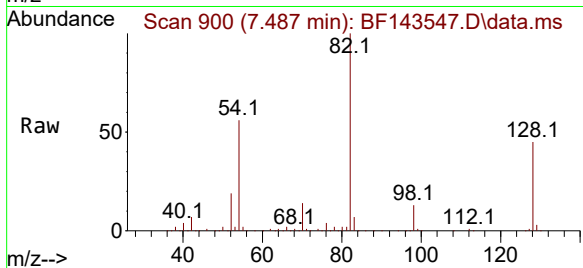
Tgt Ion: 82 Resp: 665294

Ion Ratio Lower Upper

82 100

128 44.7 35.5 53.3

54 55.6 44.3 66.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF143547.D

Acq: 22 Aug 2025 00:23

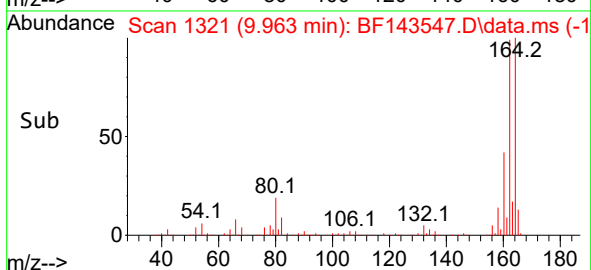
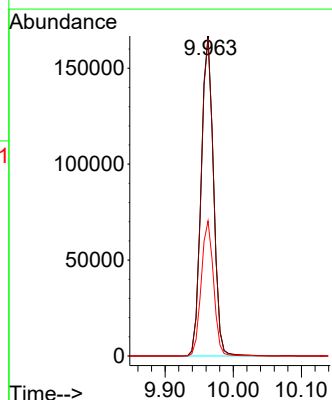
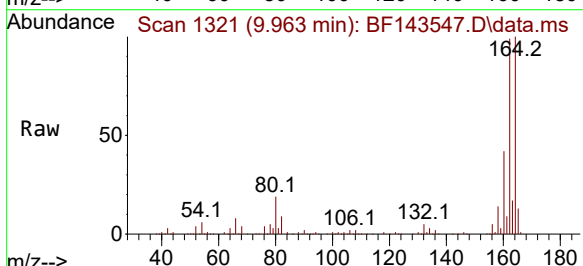
Tgt Ion: 164 Resp: 209908

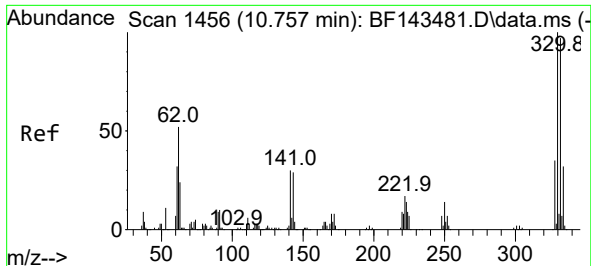
Ion Ratio Lower Upper

164 100

162 99.3 80.5 120.7

160 42.2 34.3 51.5

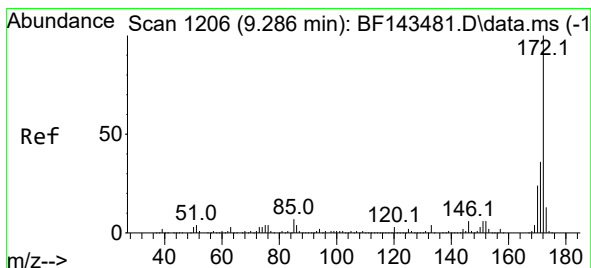
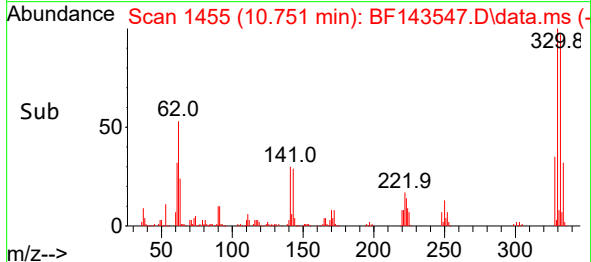
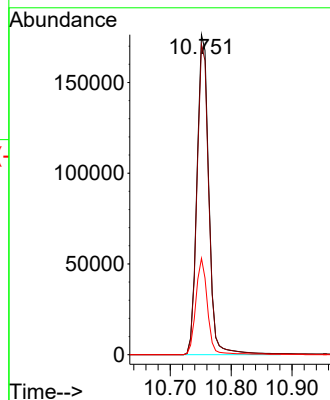
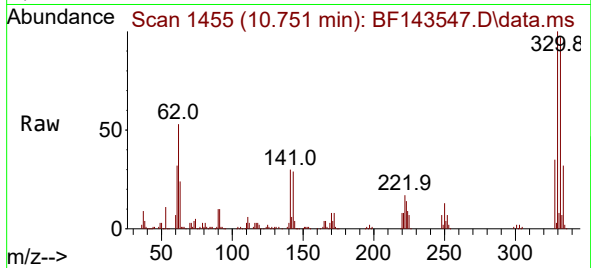




#42
2,4,6-Tribromophenol
Concen: 122.896 ng
RT: 10.751 min Scan# 1456
Delta R.T. -0.012 min
Lab File: BF143547.D
Acq: 22 Aug 2025 00:23

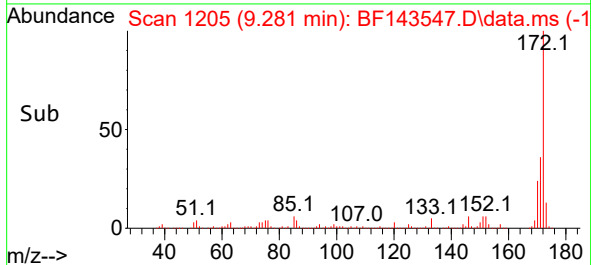
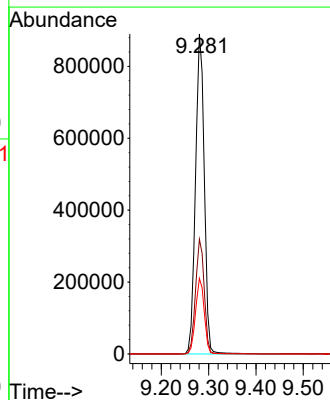
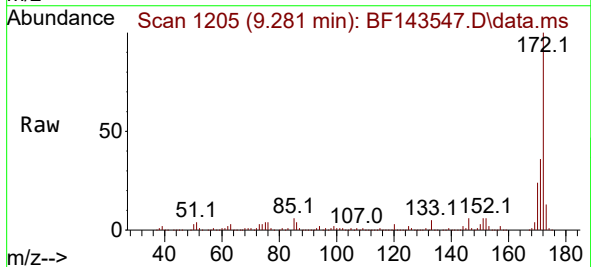
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925

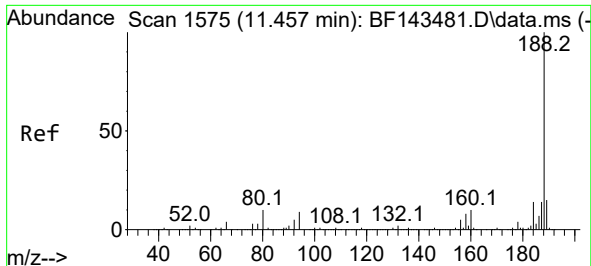
Tgt Ion:330 Resp: 240130
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 29.8 23.7 35.5



#45
2-Fluorobiphenyl
Concen: 90.628 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143547.D
Acq: 22 Aug 2025 00:23

Tgt Ion:172 Resp: 1151080
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.6 18.8 28.2

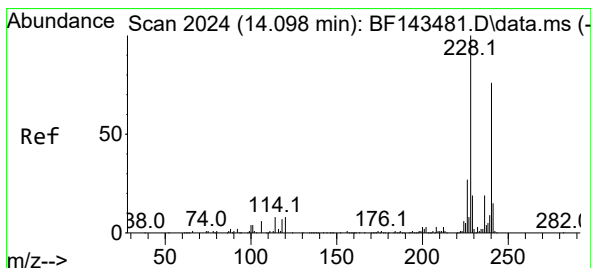
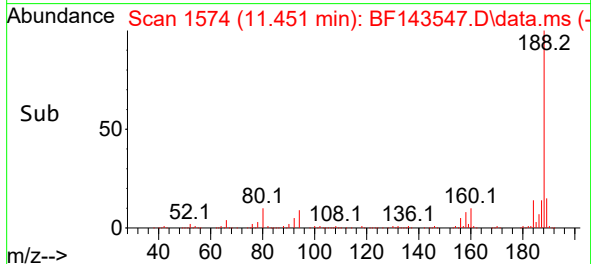
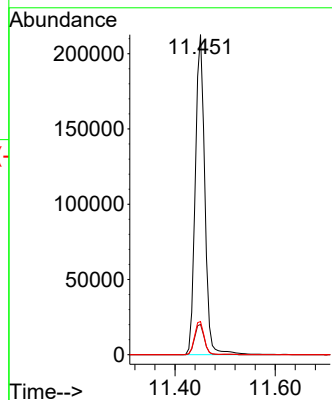
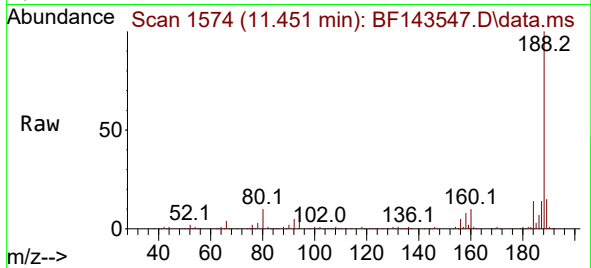




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143547.D
Acq: 22 Aug 2025 00:23

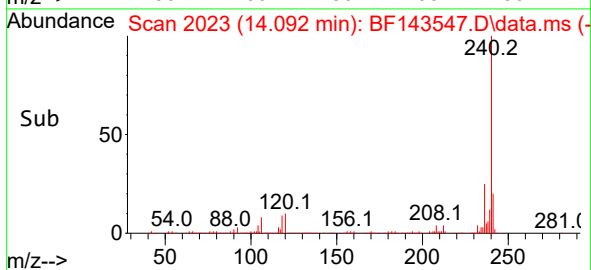
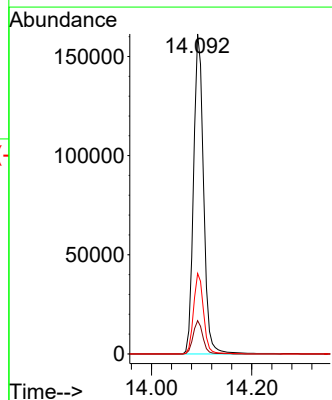
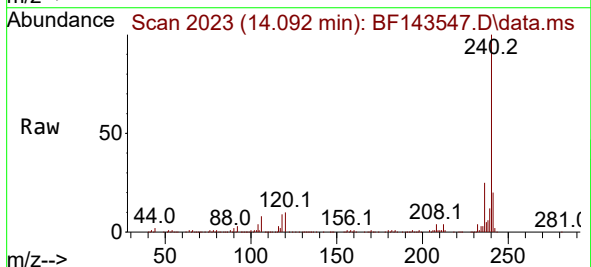
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925

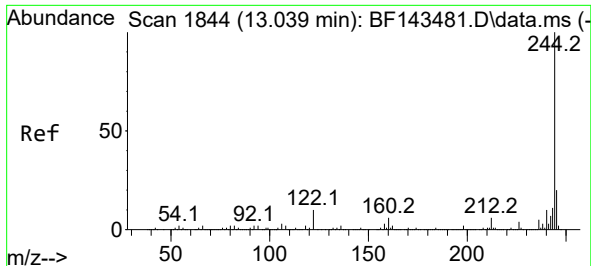
Tgt Ion:188 Resp: 278634
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.3 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF143547.D
Acq: 22 Aug 2025 00:23

Tgt Ion:240 Resp: 223458
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 25.2 20.4 30.6

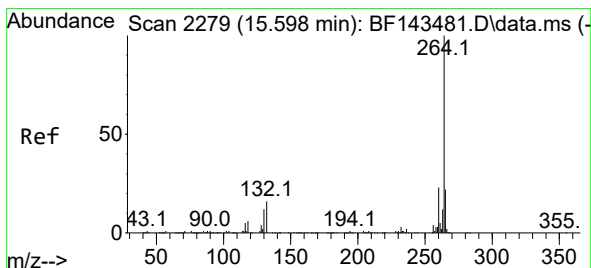
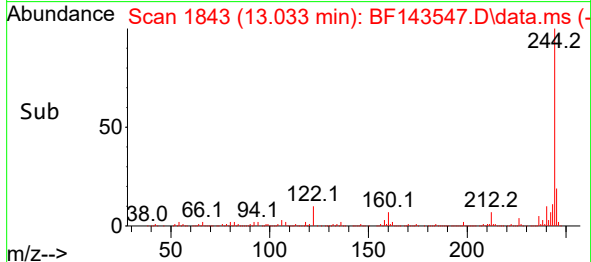
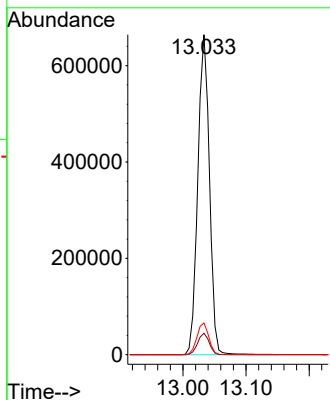
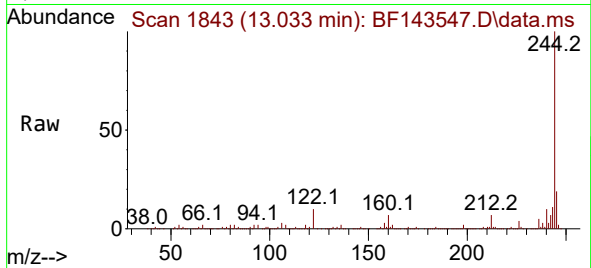




#79
 Terphenyl-d14
 Concen: 66.155 ng
 RT: 13.033 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF143547.D
 Acq: 22 Aug 2025 00:23

Instrument :
 BNA_F
 ClientSampleId :
 MW-1B-081925

Tgt Ion:244 Resp: 847141
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.2 7.8
 122 9.9 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: BF143547.D
 Acq: 22 Aug 2025 00:23

Tgt Ion:264 Resp: 240426
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 21.7 17.6 26.4

