

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
 Data File : BF143381.D
 Acq On : 14 Aug 2025 14:55
 Operator : RC/JU
 Sample : Q2814-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-17M-W

Quant Time: Aug 14 15:16:03 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	152471	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	588451	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	306946	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	467839	20.000	ng	0.00
76) Chrysene-d12	14.098	240	268746	20.000	ng	0.00
86) Perylene-d12	15.592	264	301101	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	784325	88.955	ng	0.00
7) Phenol-d6	6.563	99	774788	68.524	ng	0.00
23) Nitrobenzene-d5	7.492	82	1083323	114.644	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	434351	193.628	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1810980	100.049	ng	0.00
79) Terphenyl-d14	13.039	244	1663007	110.477	ng	0.00

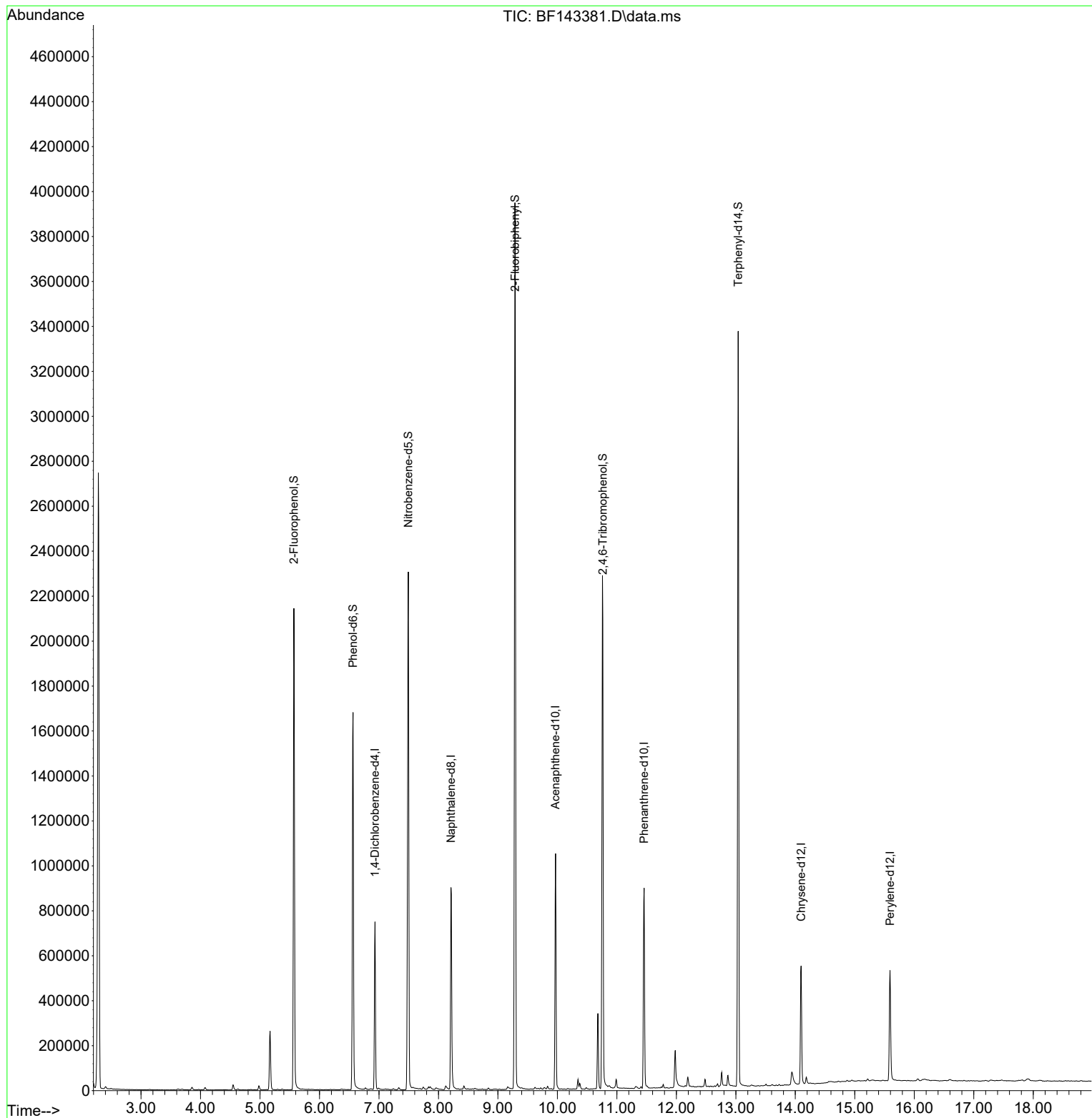
Target Compounds	Qvalue

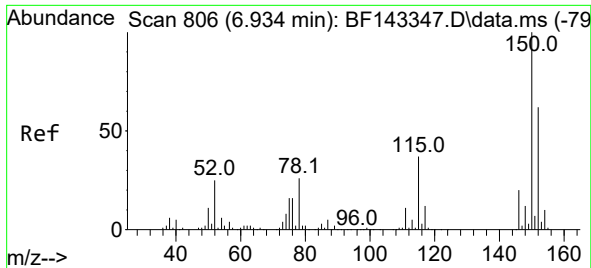
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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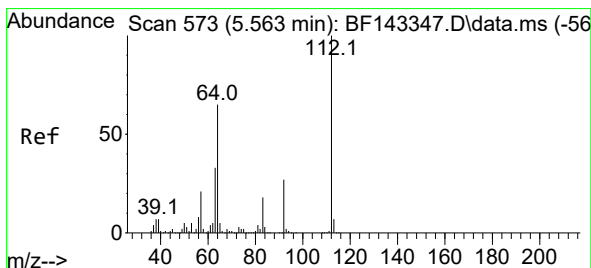
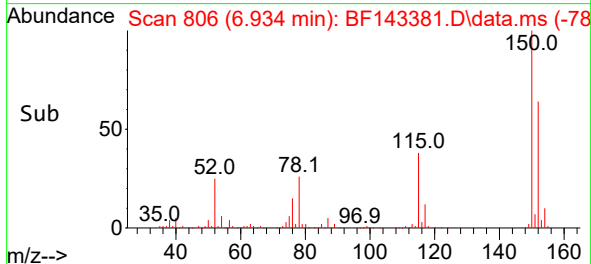
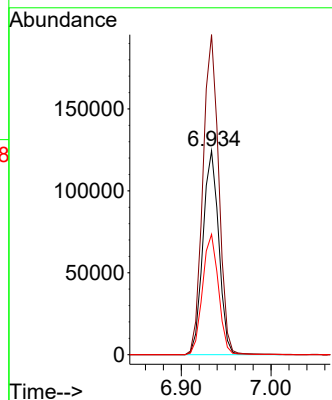
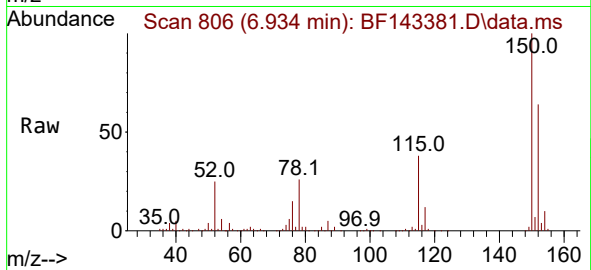




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF143381.D
Acq: 14 Aug 2025 14:55

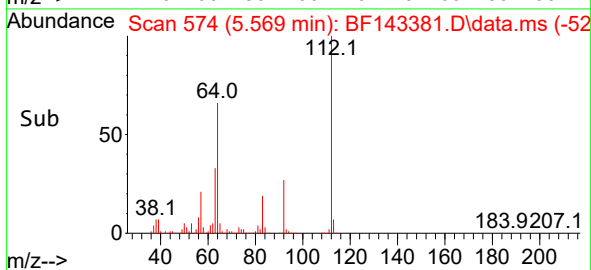
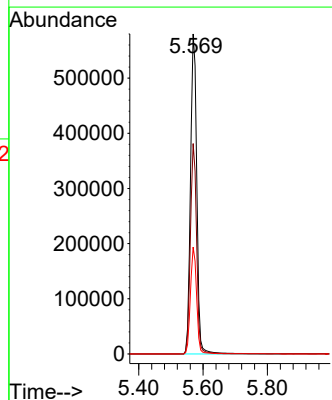
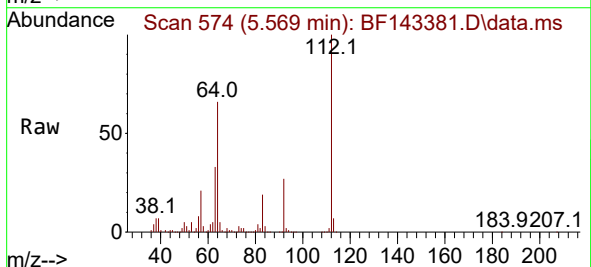
Instrument :
BNA_F
ClientSampleId :
TW-17M-W

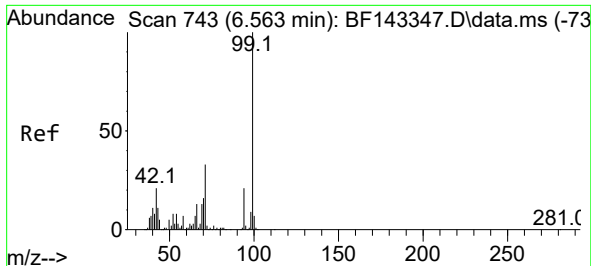
Tgt Ion:152 Resp: 152471
Ion Ratio Lower Upper
152 100
150 156.9 129.8 194.8
115 59.0 47.8 71.8



#5
2-Fluorophenol
Concen: 88.955 ng
RT: 5.569 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF143381.D
Acq: 14 Aug 2025 14:55

Tgt Ion:112 Resp: 784325
Ion Ratio Lower Upper
112 100
64 65.7 52.1 78.1
63 33.4 26.6 39.8

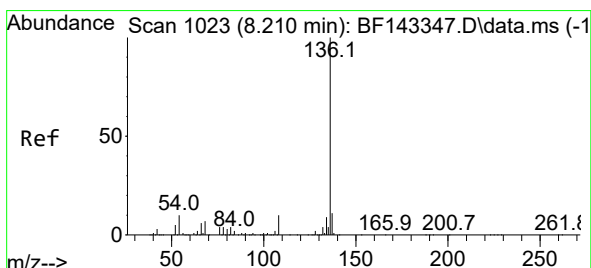
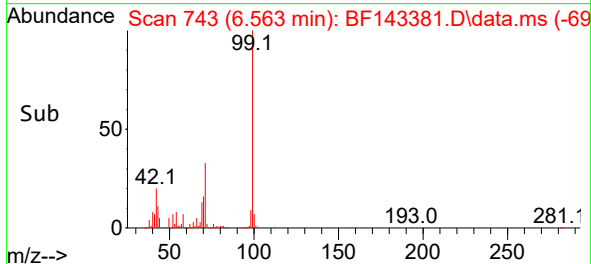
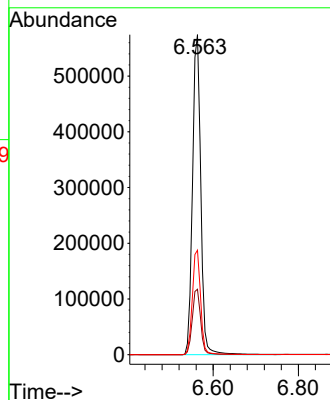
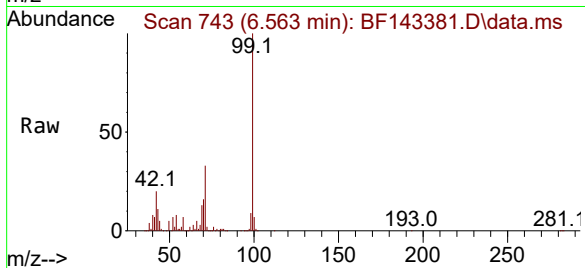




#7
Phenol-d6
Concen: 68.524 ng
RT: 6.563 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF143381.D
Acq: 14 Aug 2025 14:55

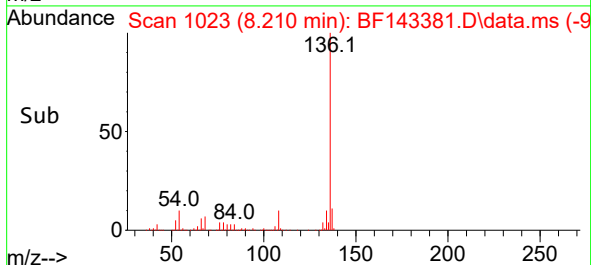
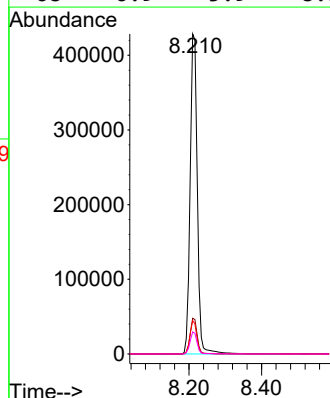
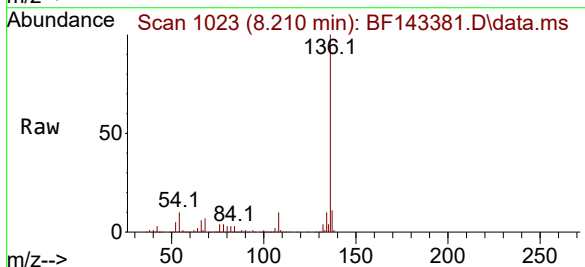
Instrument :
BNA_F
ClientSampleId :
TW-17M-W

Tgt Ion: 99 Resp: 774788
Ion Ratio Lower Upper
99 100
42 20.5 16.6 25.0
71 32.6 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143381.D
Acq: 14 Aug 2025 14:55

Tgt Ion: 136 Resp: 588451
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 10.4 8.4 12.6
68 6.9 5.9 8.9





#23

Nitrobenzene-d5

Concen: 114.644 ng

RT: 7.492 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF143381.D

Acq: 14 Aug 2025 14:55

Instrument :

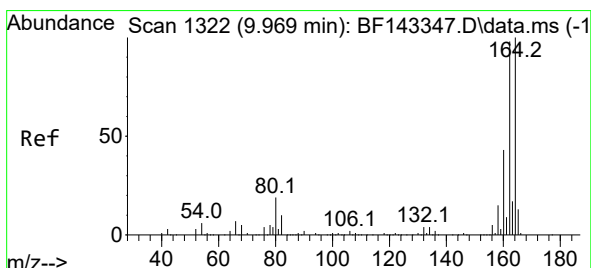
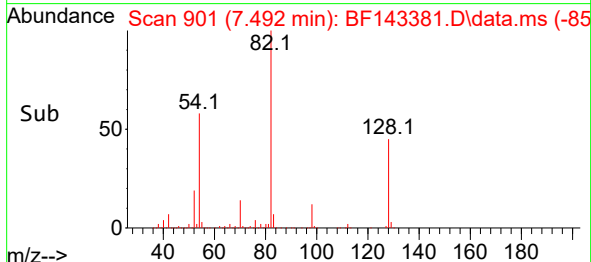
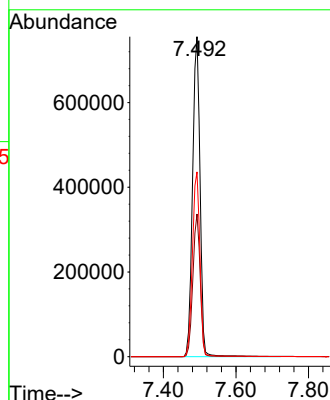
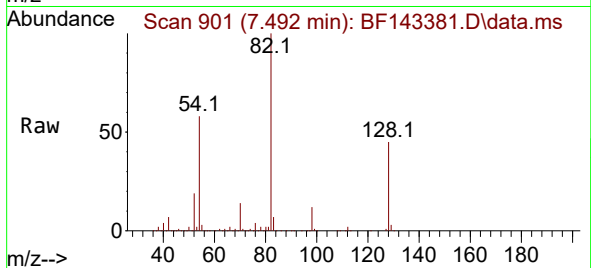
BNA_F

ClientSampleId :

TW-17M-W

Tgt Ion: 82 Resp: 1083323

Ion	Ratio	Lower	Upper
82	100		
128	44.6	33.5	50.3
54	57.7	46.7	70.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1322

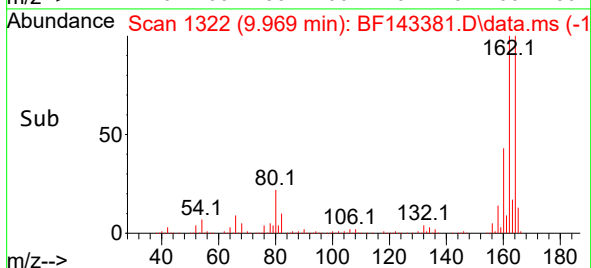
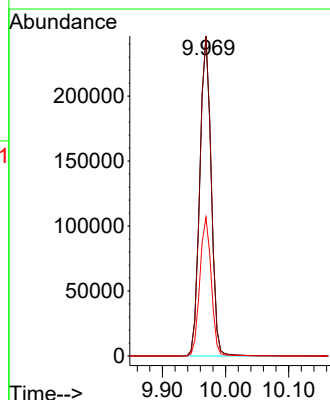
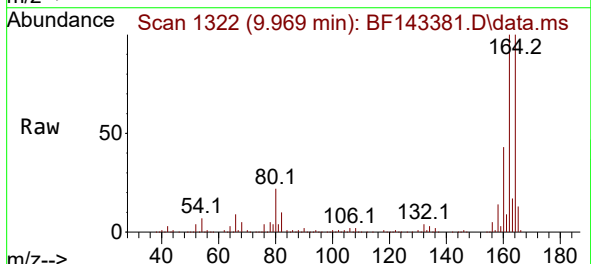
Delta R.T. -0.000 min

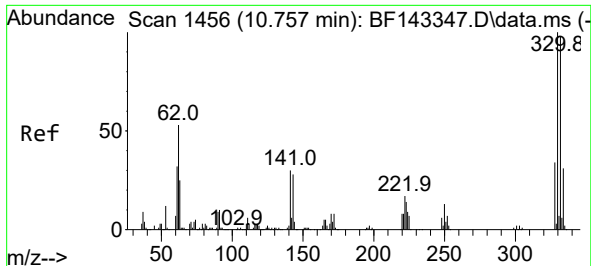
Lab File: BF143381.D

Acq: 14 Aug 2025 14:55

Tgt Ion: 164 Resp: 306946

Ion	Ratio	Lower	Upper
164	100		
162	100.3	78.6	118.0
160	43.4	34.4	51.6

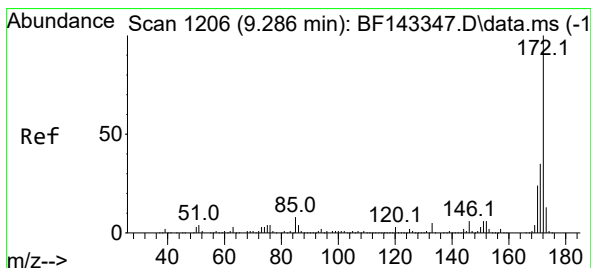
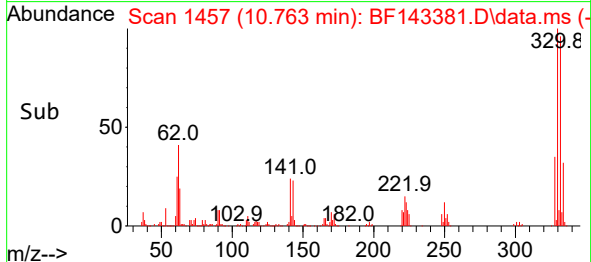
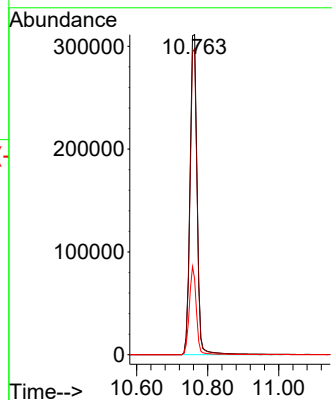
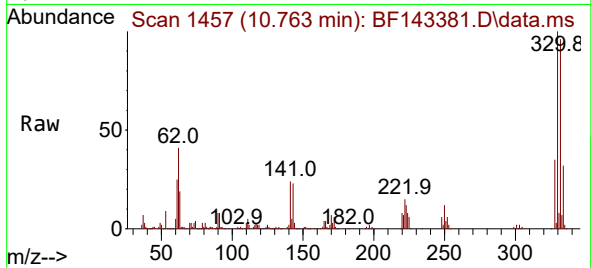




#42
2,4,6-Tribromophenol
Concen: 193.628 ng
RT: 10.763 min Scan# 1456
Delta R.T. 0.006 min
Lab File: BF143381.D
Acq: 14 Aug 2025 14:55

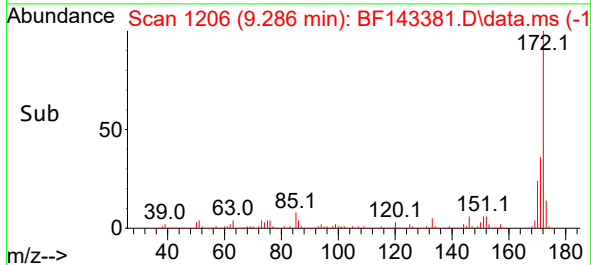
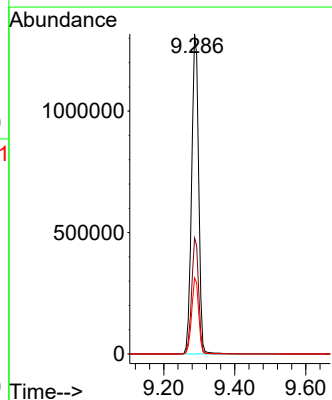
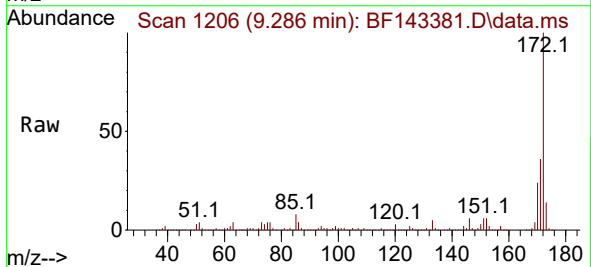
Instrument :
BNA_F
ClientSampleId :
TW-17M-W

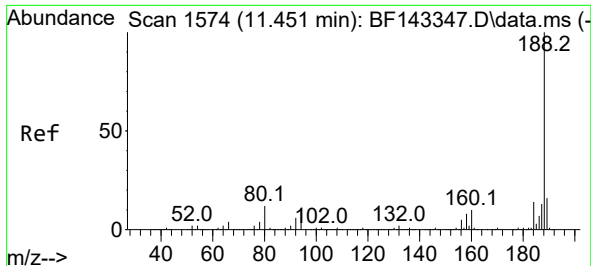
Tgt Ion:330 Resp: 434351
Ion Ratio Lower Upper
330 100
332 94.7 78.1 117.1
141 27.0 25.4 38.0



#45
2-Fluorobiphenyl
Concen: 100.049 ng
RT: 9.286 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF143381.D
Acq: 14 Aug 2025 14:55

Tgt Ion:172 Resp: 1810980
Ion Ratio Lower Upper
172 100
171 36.2 28.4 42.6
170 23.8 19.1 28.7

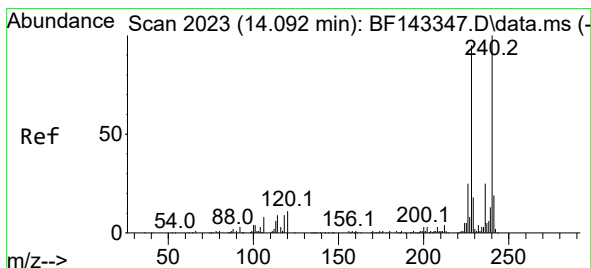
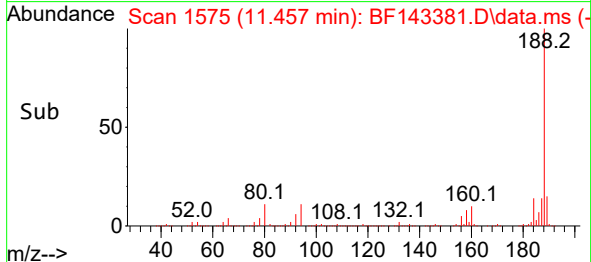
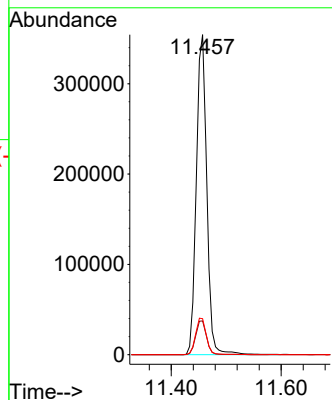
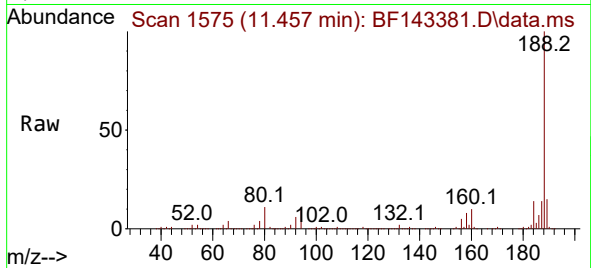




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143381.D
Acq: 14 Aug 2025 14:55

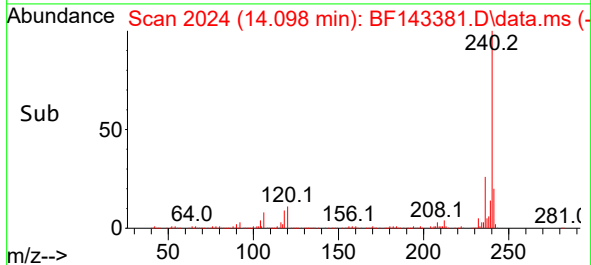
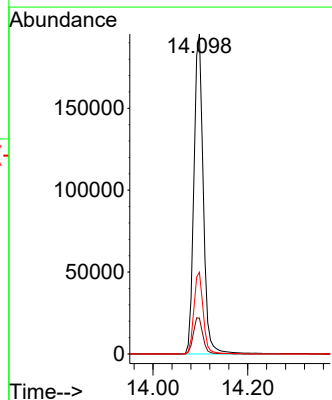
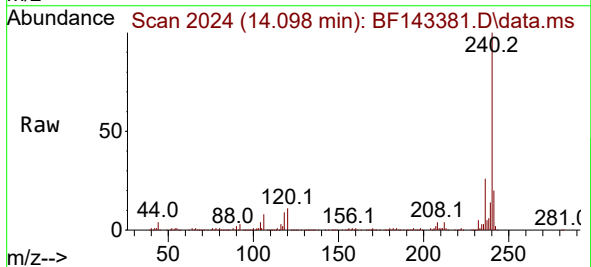
Instrument :
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ClientSampleId :
TW-17M-W

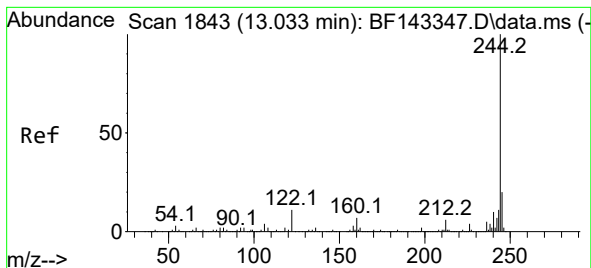
Tgt Ion:188 Resp: 467839
Ion Ratio Lower Upper
188 100
94 10.6 8.8 13.2
80 11.2 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF143381.D
Acq: 14 Aug 2025 14:55

Tgt Ion:240 Resp: 268746
Ion Ratio Lower Upper
240 100
120 11.2 9.0 13.6
236 25.6 19.9 29.9





#79

Terphenyl-d14

Concen: 110.477 ng

RT: 13.039 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF143381.D

Acq: 14 Aug 2025 14:55

Instrument :

BNA_F

ClientSampleId :

TW-17M-W

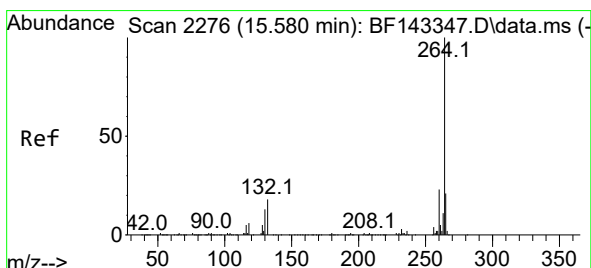
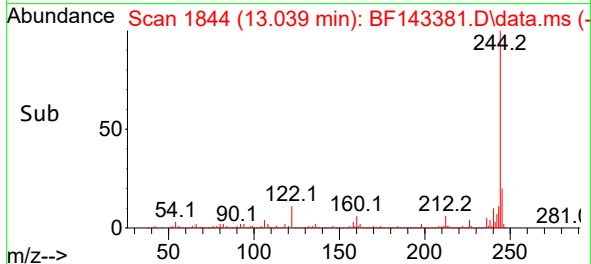
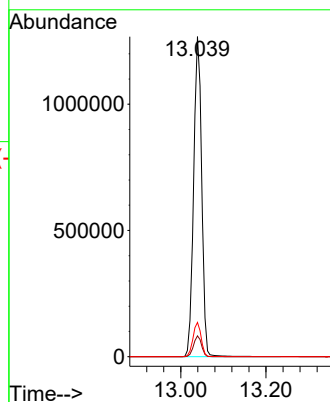
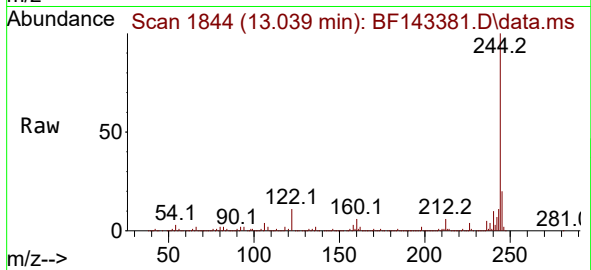
Tgt Ion:244 Resp: 1663007

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 10.7 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: BF143381.D

Acq: 14 Aug 2025 14:55

Tgt Ion:264 Resp: 301101

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.6 17.2 25.8

