

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
 Data File : BF143494.D
 Acq On : 20 Aug 2025 19:39
 Operator : RC/JU
 Sample : Q2900-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-17C-081825

Quant Time: Aug 21 02:05:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 20 15:07:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	136964	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	522451	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	285056	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	458576	20.000	ng	0.00
76) Chrysene-d12	14.098	240	262919	20.000	ng	0.00
86) Perylene-d12	15.592	264	271441	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	547199	69.763	ng	0.00
7) Phenol-d6	6.557	99	497897	51.422	ng	-0.02
23) Nitrobenzene-d5	7.486	82	815263	91.060	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	363701	137.067	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1392067	80.708	ng	0.00
79) Terphenyl-d14	13.039	244	1210218	80.324	ng	0.00

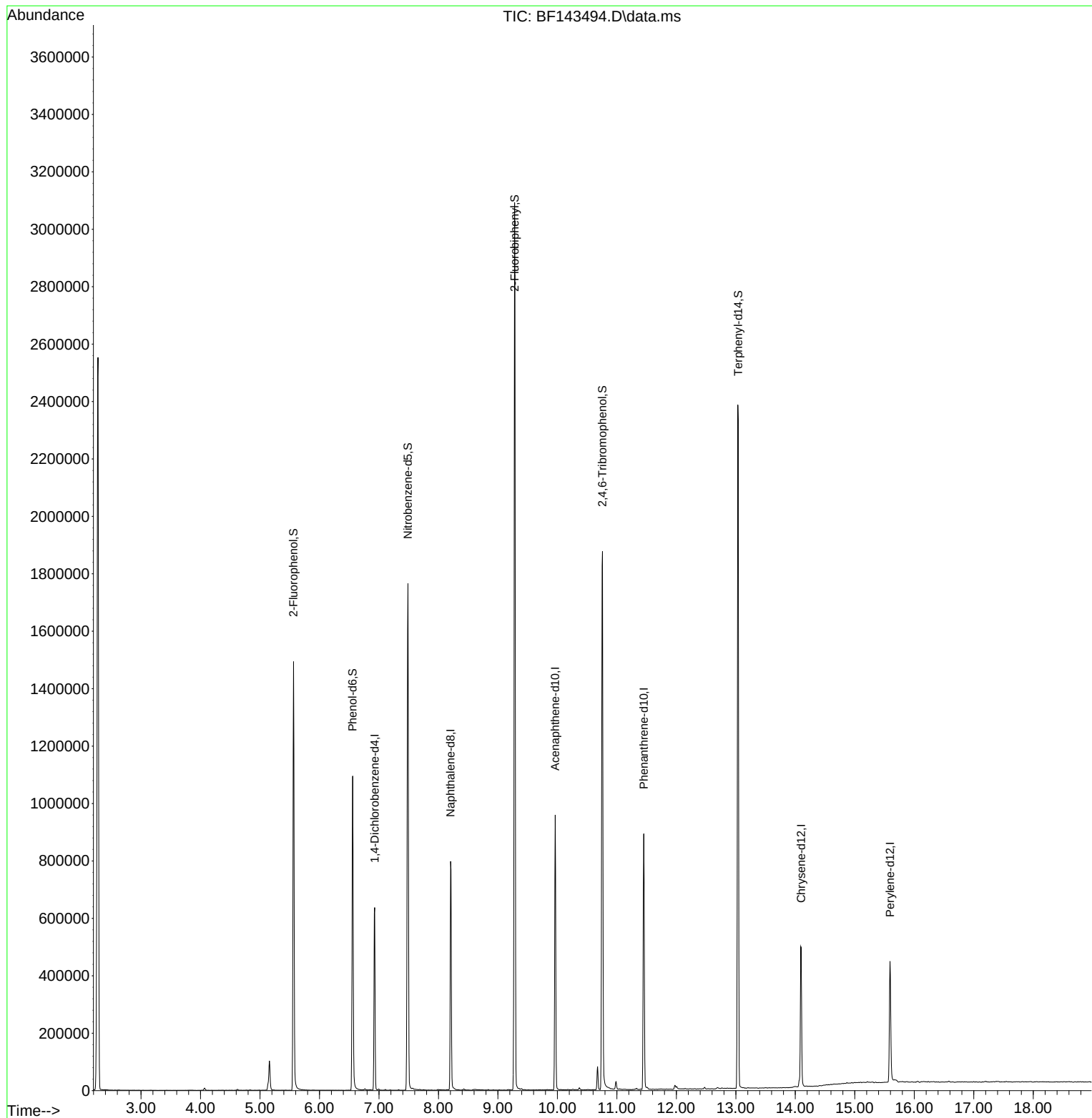
Target Compounds	Qvalue

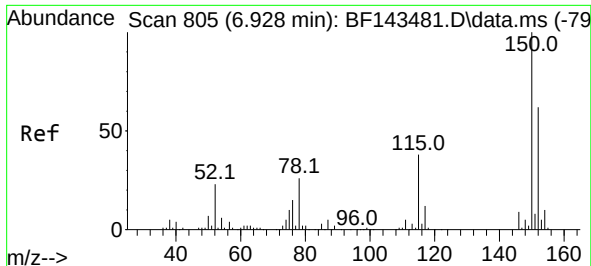
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143494.D
Acq On : 20 Aug 2025 19:39
Operator : RC/JU
Sample : Q2900-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-17C-081825

Quant Time: Aug 21 02:05:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

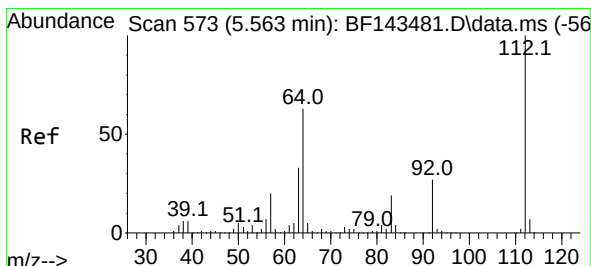
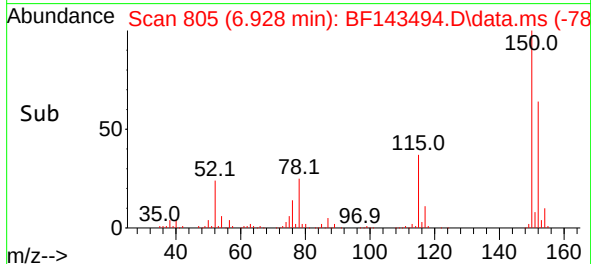
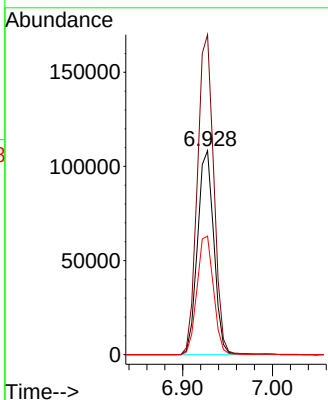
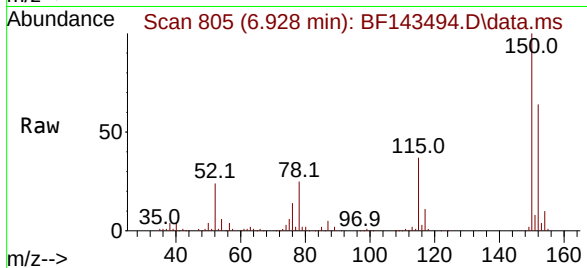




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF143494.D
Acq: 20 Aug 2025 19:39

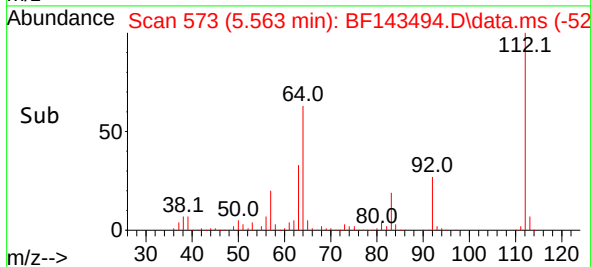
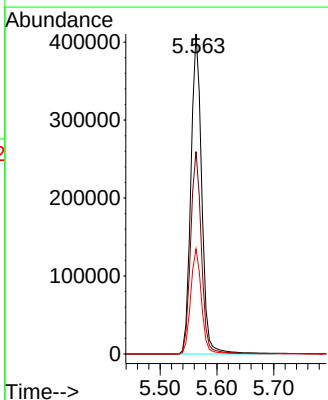
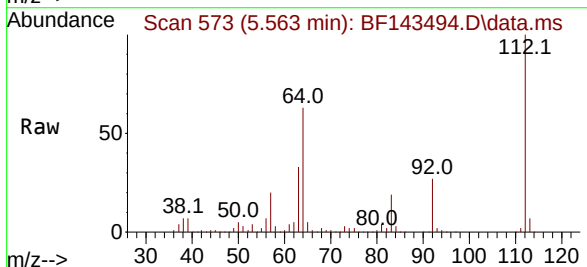
Instrument :
BNA_F
ClientSampleId :
MW-17C-081825

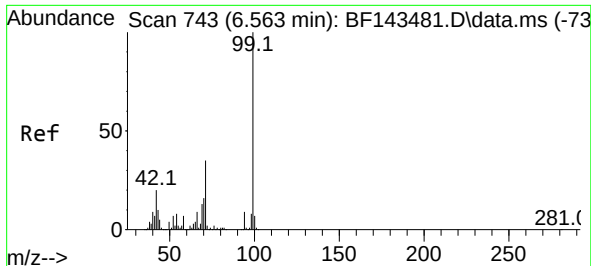
Tgt Ion:152 Resp: 136964
Ion Ratio Lower Upper
152 100
150 156.9 128.9 193.3
115 58.2 49.2 73.8



#5
2-Fluorophenol
Concen: 69.763 ng
RT: 5.563 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF143494.D
Acq: 20 Aug 2025 19:39

Tgt Ion:112 Resp: 547199
Ion Ratio Lower Upper
112 100
64 63.2 50.4 75.6
63 32.9 26.4 39.6

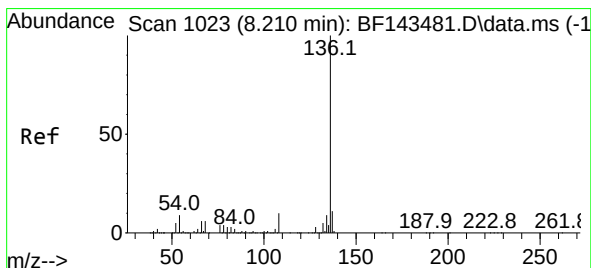
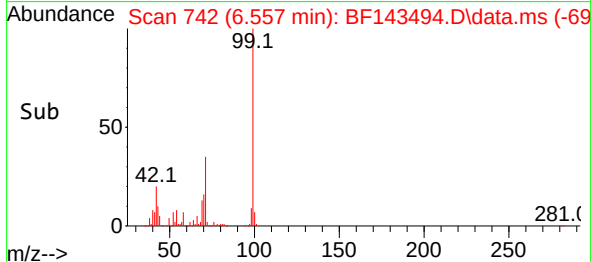
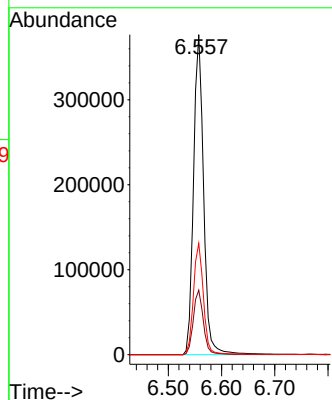
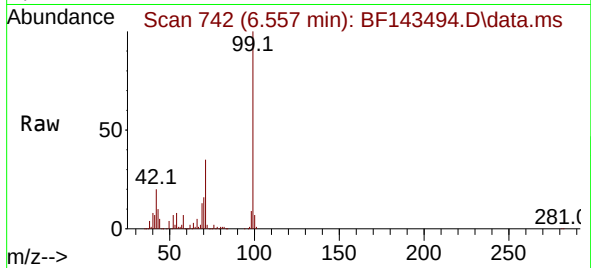




#7
Phenol-d6
Concen: 51.422 ng
RT: 6.557 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF143494.D
Acq: 20 Aug 2025 19:39

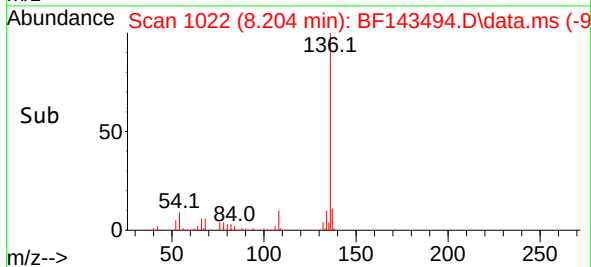
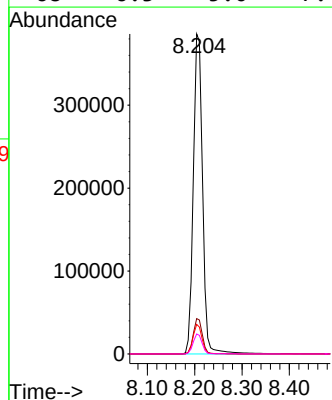
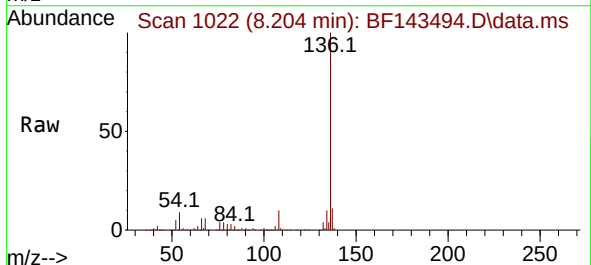
Instrument :
BNA_F
ClientSampleId :
MW-17C-081825

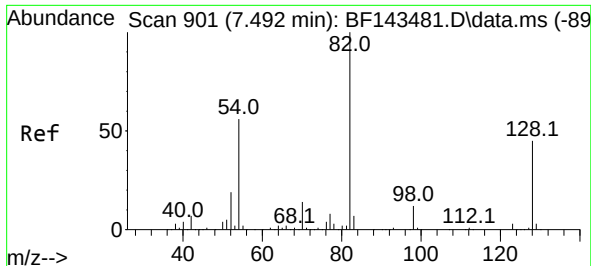
Tgt Ion: 99 Resp: 497897
Ion Ratio Lower Upper
99 100
42 20.1 16.3 24.5
71 34.8 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143494.D
Acq: 20 Aug 2025 19:39

Tgt Ion: 136 Resp: 522451
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 9.3 7.4 11.2
68 6.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 91.060 ng

RT: 7.486 min Scan# 901

Delta R.T. -0.012 min

Lab File: BF143494.D

Acq: 20 Aug 2025 19:39

Instrument :

BNA_F

ClientSampleId :

MW-17C-081825

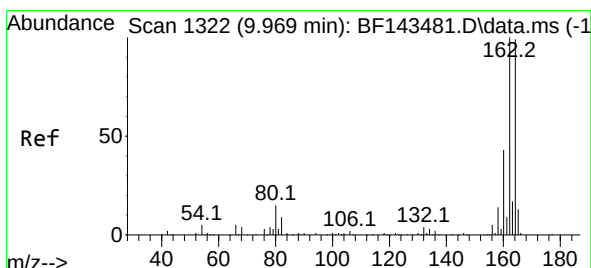
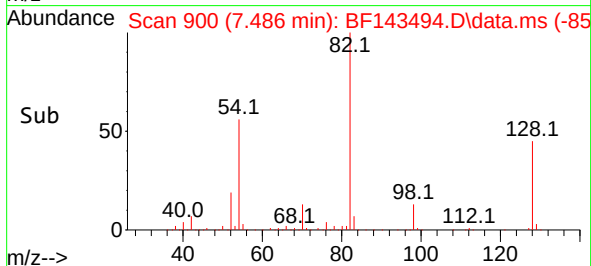
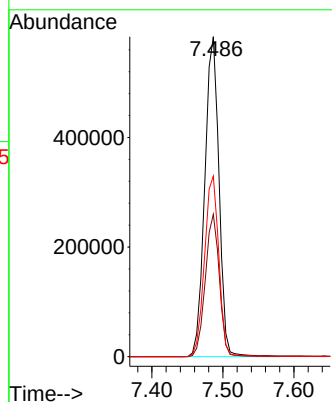
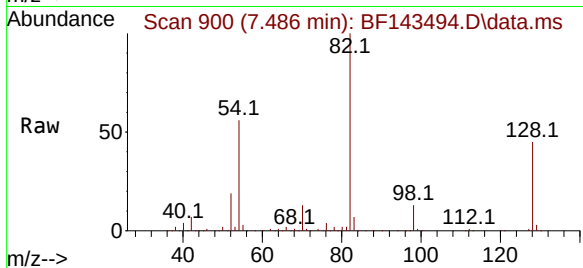
Tgt Ion: 82 Resp: 815263

Ion Ratio Lower Upper

82 100

128 44.5 35.5 53.3

54 56.4 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: BF143494.D

Acq: 20 Aug 2025 19:39

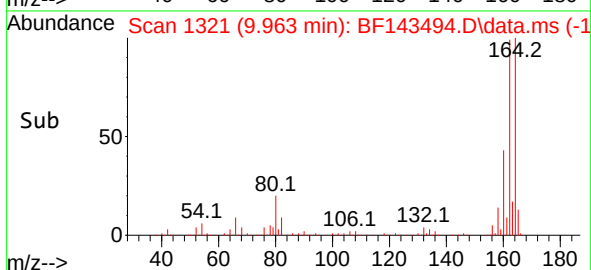
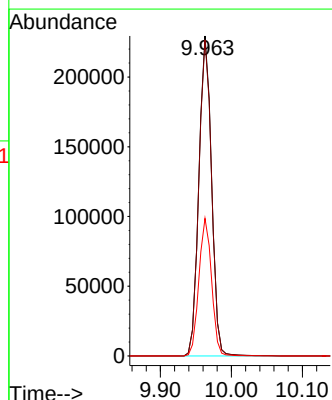
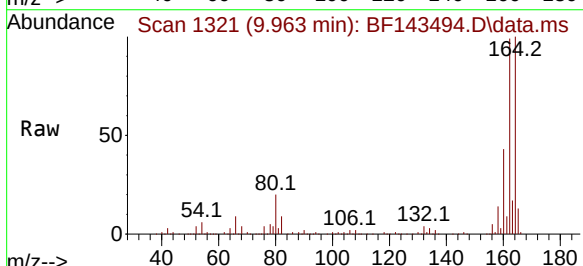
Tgt Ion: 164 Resp: 285056

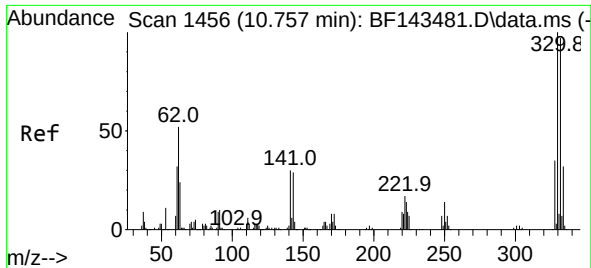
Ion Ratio Lower Upper

164 100

162 98.8 80.5 120.7

160 43.0 34.3 51.5

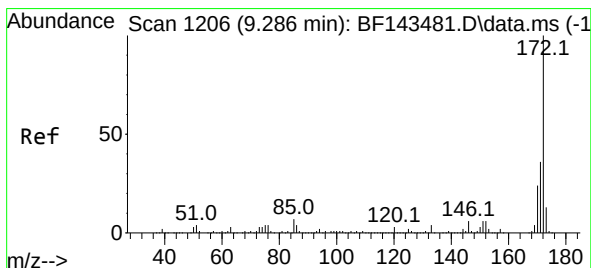
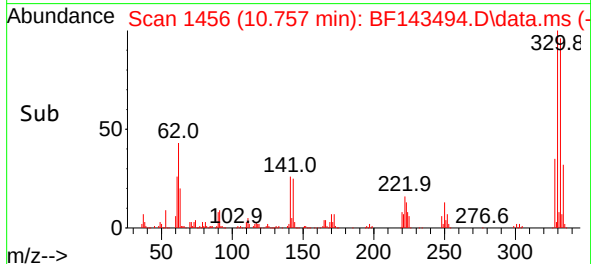
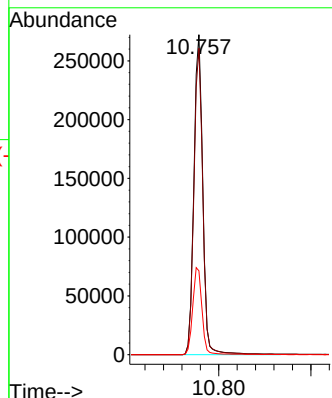
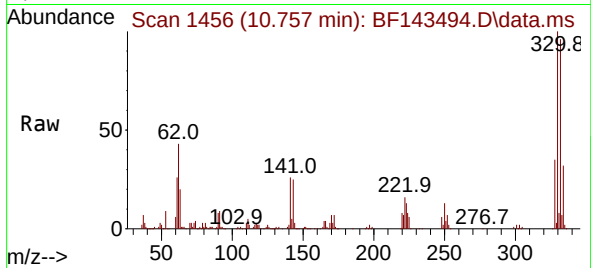




#42
2,4,6-Tribromophenol
Concen: 137.067 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143494.D
Acq: 20 Aug 2025 19:39

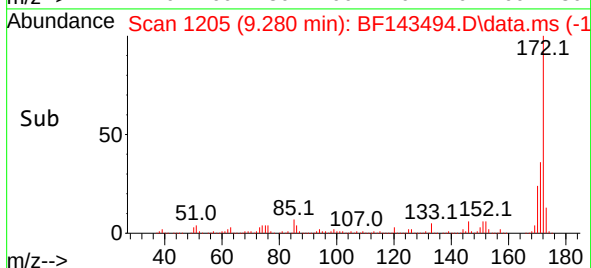
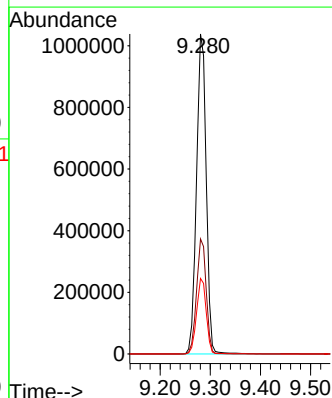
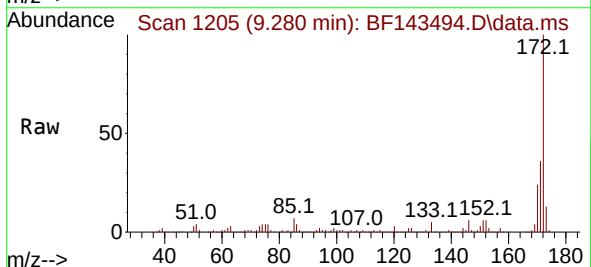
Instrument :
BNA_F
ClientSampleId :
MW-17C-081825

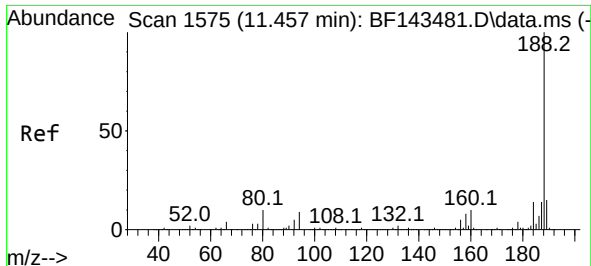
Tgt Ion:330 Resp: 363701
Ion Ratio Lower Upper
330 100
332 95.8 78.0 117.0
141 28.4 23.7 35.5



#45
2-Fluorobiphenyl
Concen: 80.708 ng
RT: 9.280 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143494.D
Acq: 20 Aug 2025 19:39

Tgt Ion:172 Resp: 1392067
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.6 18.8 28.2

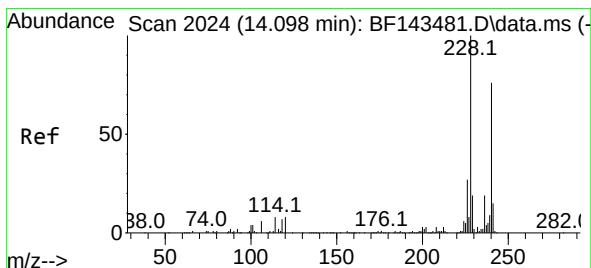
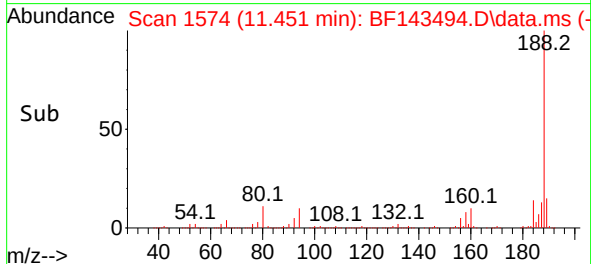
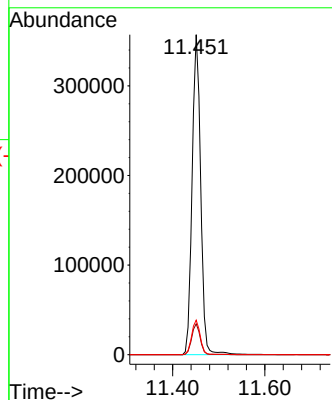
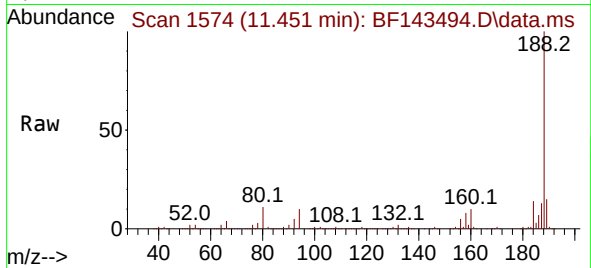




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143494.D
Acq: 20 Aug 2025 19:39

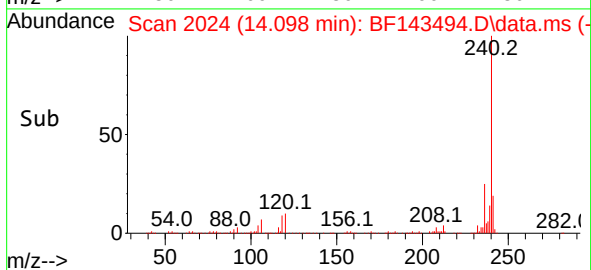
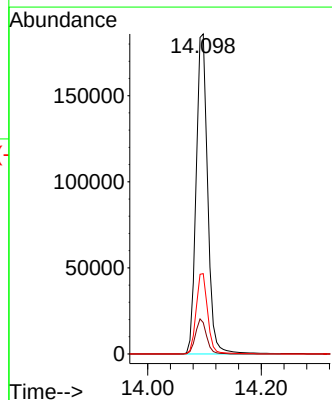
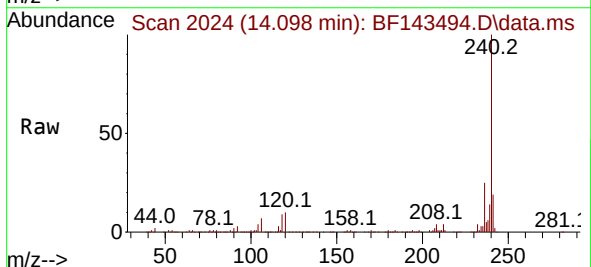
Instrument :
BNA_F
ClientSampleId :
MW-17C-081825

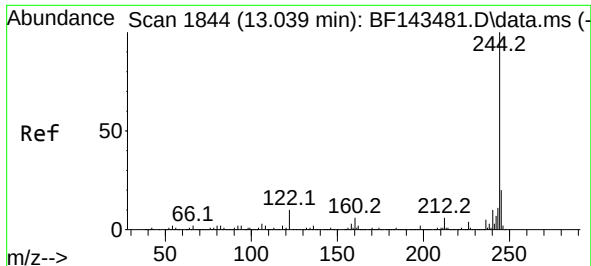
Tgt Ion:188 Resp: 458576
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.8 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143494.D
Acq: 20 Aug 2025 19:39

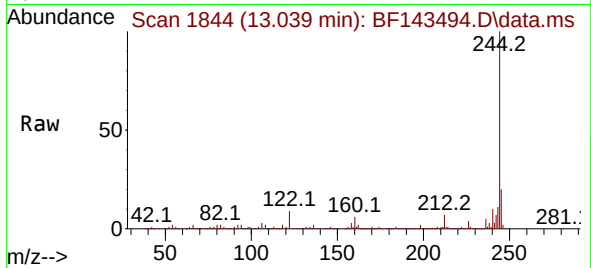
Tgt Ion:240 Resp: 262919
Ion Ratio Lower Upper
240 100
120 9.8 8.6 12.8
236 25.1 20.4 30.6



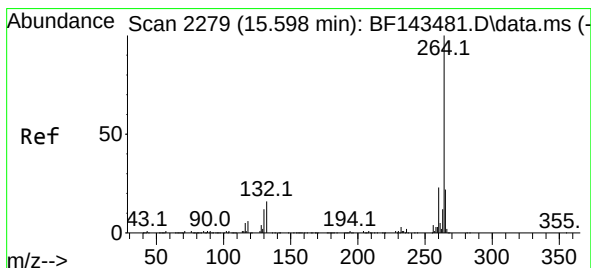
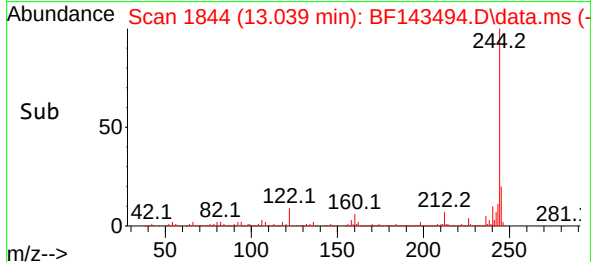
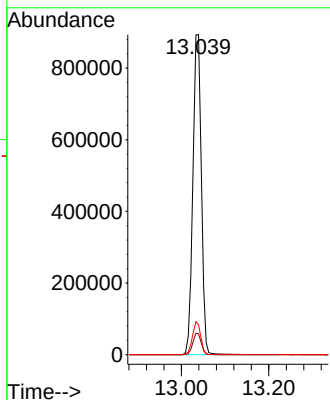


#79
Terphenyl-d14
Concen: 80.324 ng
RT: 13.039 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF143494.D
Acq: 20 Aug 2025 19:39

Instrument :
BNA_F
ClientSampleId :
MW-17C-081825



Tgt Ion:244 Resp: 1210218
Ion Ratio Lower Upper
244 100
212 6.6 5.2 7.8
122 9.4 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: BF143494.D
Acq: 20 Aug 2025 19:39

Tgt Ion:264 Resp: 271441
Ion Ratio Lower Upper
264 100
260 22.8 18.7 28.1
265 21.5 17.6 26.4

