

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
 Data File : BF143505.D
 Acq On : 21 Aug 2025 01:27
 Operator : RC/JU
 Sample : Q2819-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 17M-W

Quant Time: Aug 21 02:09:26 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	142193	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	527282	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	285511	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	446327	20.000	ng	0.00
76) Chrysene-d12	14.092	240	240120	20.000	ng	-0.01
86) Perylene-d12	15.592	264	275939	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	628153	77.139	ng	0.00
7) Phenol-d6	6.557	99	798950	79.479	ng	-0.02
23) Nitrobenzene-d5	7.481	82	509751	56.415	ng	-0.02
42) 2,4,6-Tribromophenol	10.751	330	211995	79.767	ng	-0.01
45) 2-Fluorobiphenyl	9.280	172	939057	54.357	ng	0.00
79) Terphenyl-d14	13.033	244	700158	50.883	ng	0.00

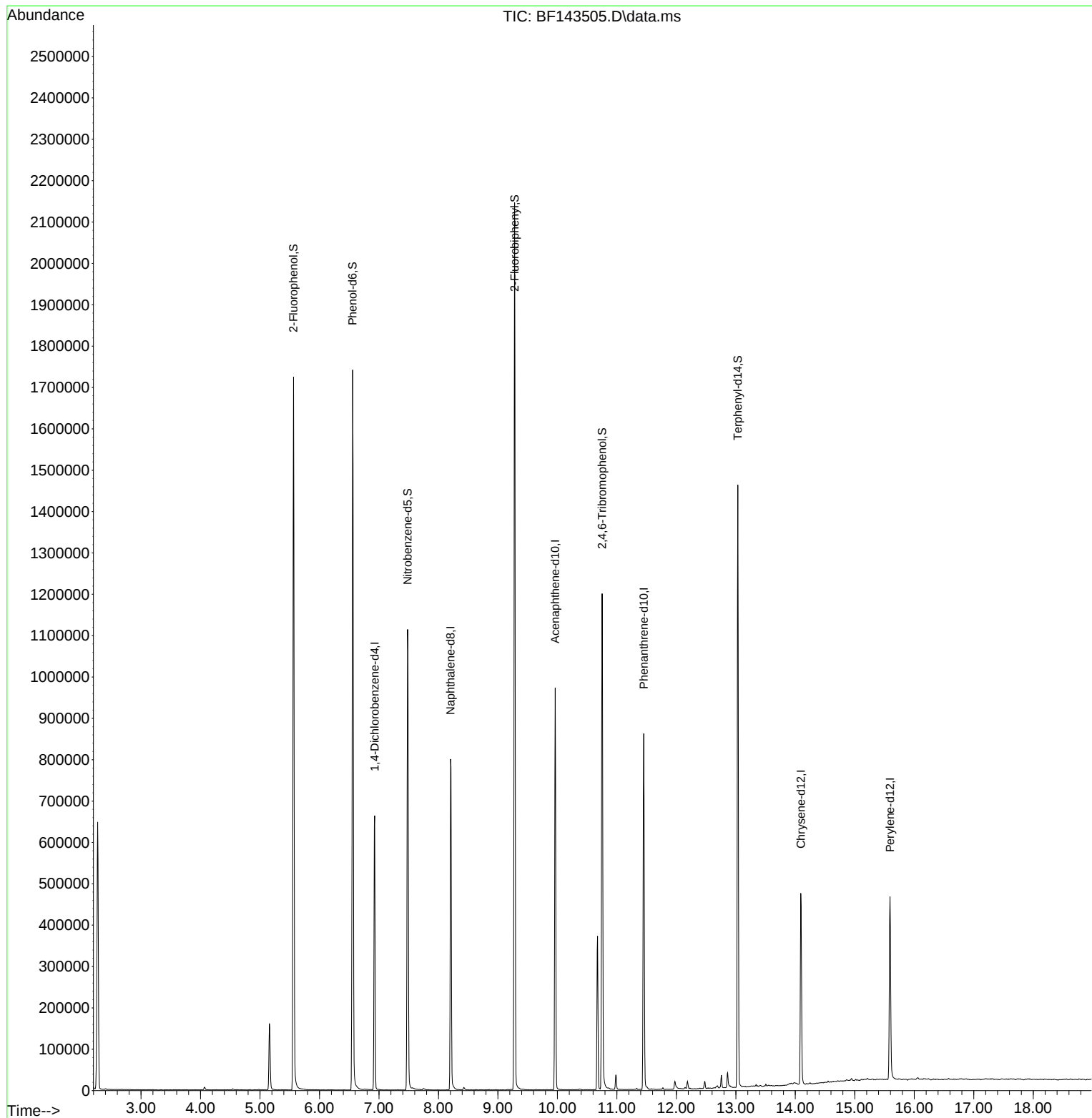
Target Compounds	Qvalue

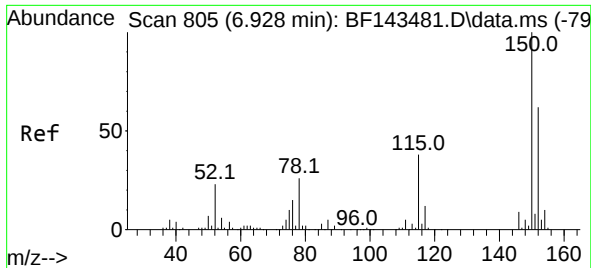
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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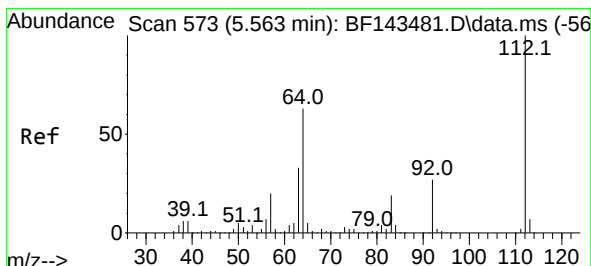
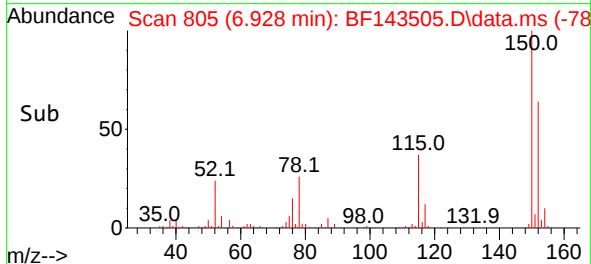
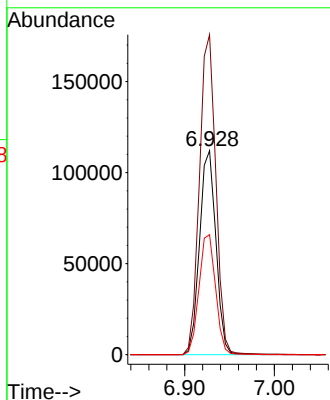
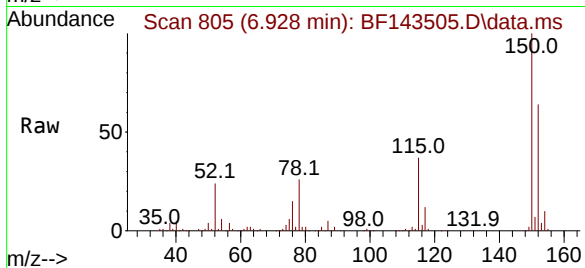




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF143505.D
Acq: 21 Aug 2025 01:27

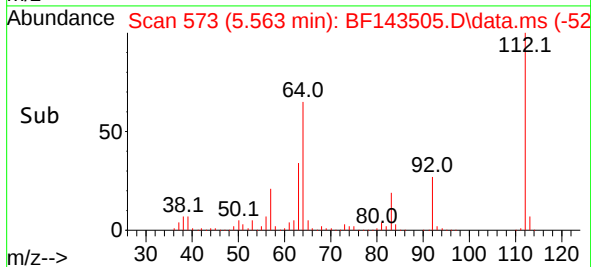
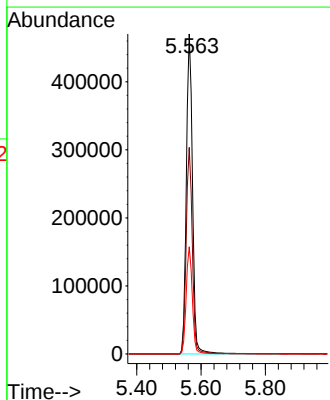
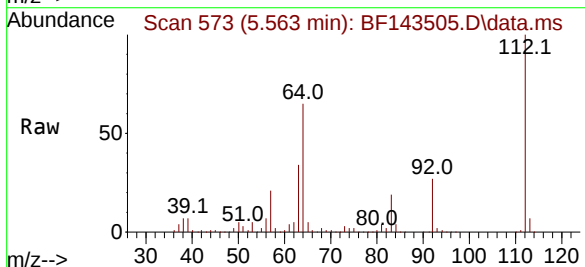
Instrument :
BNA_F
ClientSampleId :
17M-W

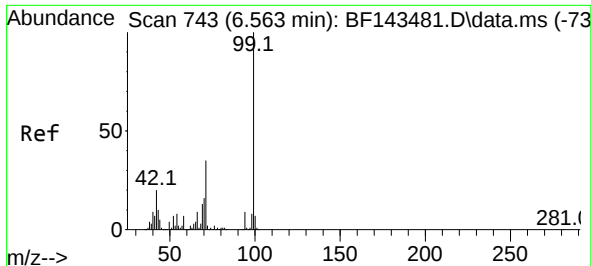
Tgt Ion:152 Resp: 142193
Ion Ratio Lower Upper
152 100
150 156.9 128.9 193.3
115 58.8 49.2 73.8



#5
2-Fluorophenol
Concen: 77.139 ng
RT: 5.563 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF143505.D
Acq: 21 Aug 2025 01:27

Tgt Ion:112 Resp: 628153
Ion Ratio Lower Upper
112 100
64 64.6 50.4 75.6
63 33.5 26.4 39.6

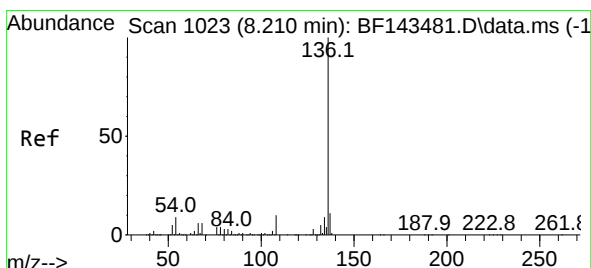
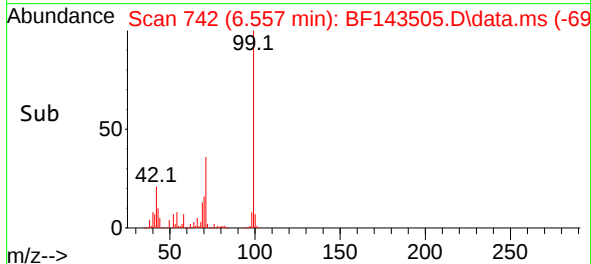
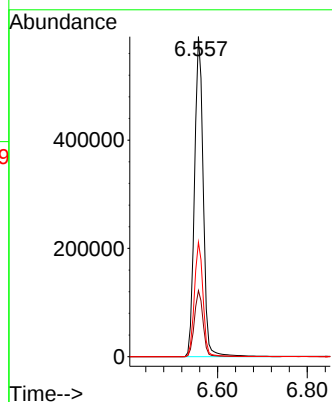
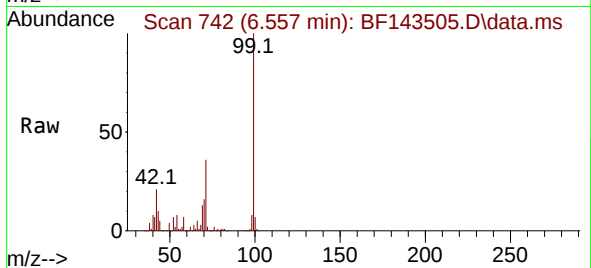




#7
Phenol-d6
Concen: 79.479 ng
RT: 6.557 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF143505.D
Acq: 21 Aug 2025 01:27

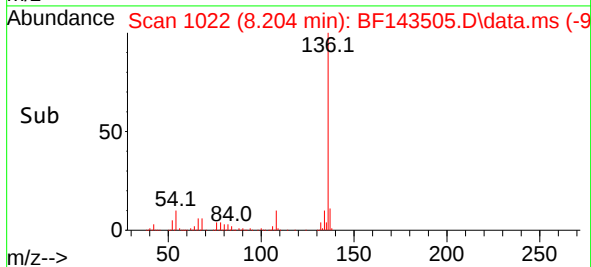
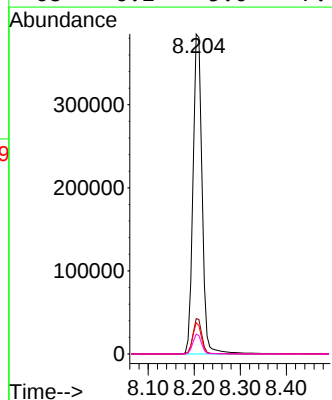
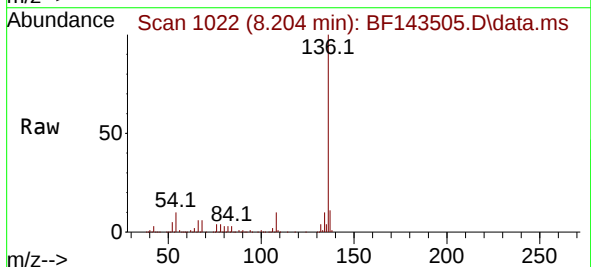
Instrument :
BNA_F
ClientSampleId :
17M-W

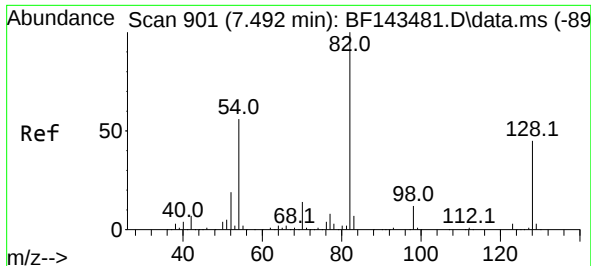
Tgt Ion: 99 Resp: 798950
Ion Ratio Lower Upper
99 100
42 20.6 16.3 24.5
71 35.8 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143505.D
Acq: 21 Aug 2025 01:27

Tgt Ion: 136 Resp: 527282
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 9.8 7.4 11.2
68 6.2 5.0 7.4

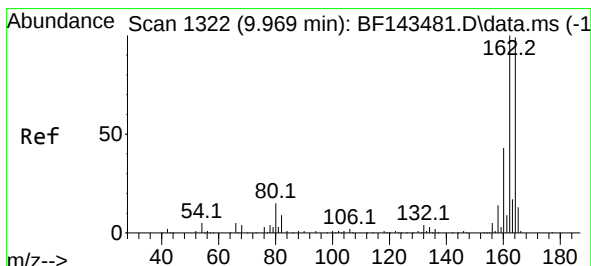
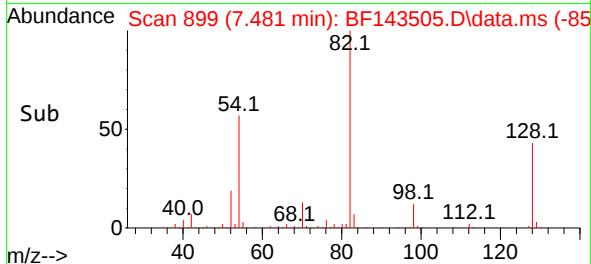
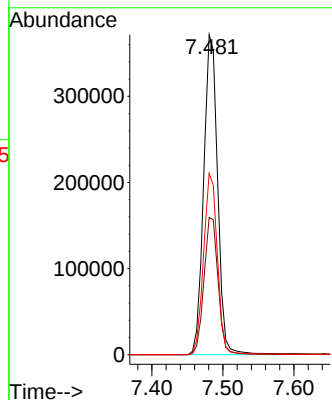
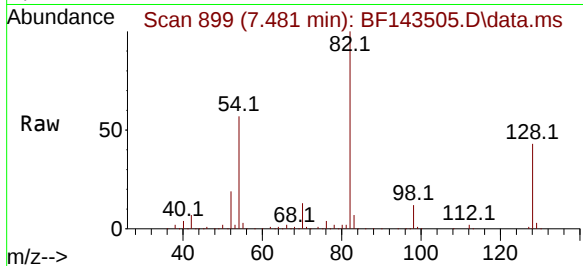




#23
 Nitrobenzene-d5
 Concen: 56.415 ng
 RT: 7.481 min Scan# 899
 Delta R.T. -0.018 min
 Lab File: BF143505.D
 Acq: 21 Aug 2025 01:27

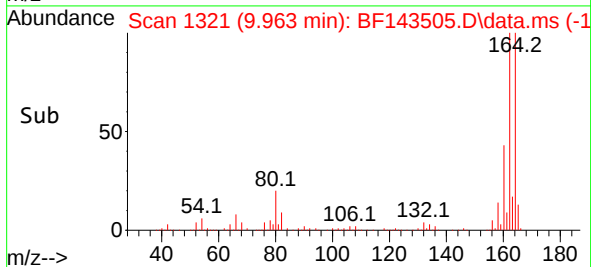
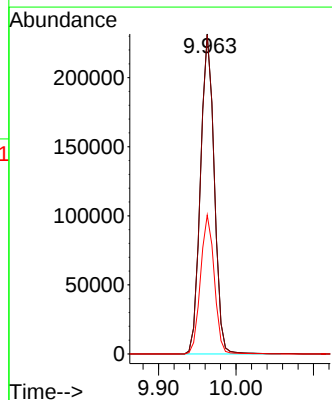
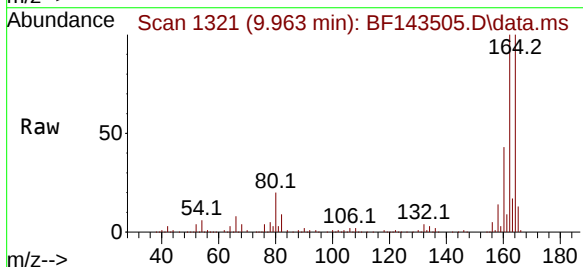
Instrument :
 BNA_F
 ClientSampleId :
 17M-W

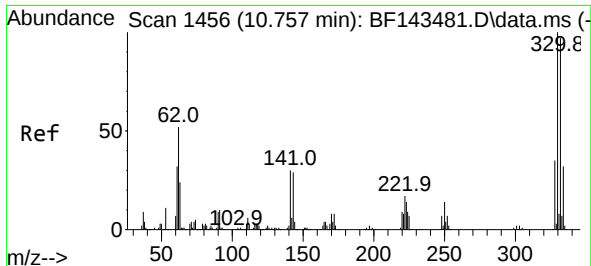
Tgt Ion: 82 Resp: 509751
 Ion Ratio Lower Upper
 82 100
 128 42.9 35.5 53.3
 54 56.7 44.3 66.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.963 min Scan# 1321
 Delta R.T. -0.006 min
 Lab File: BF143505.D
 Acq: 21 Aug 2025 01:27

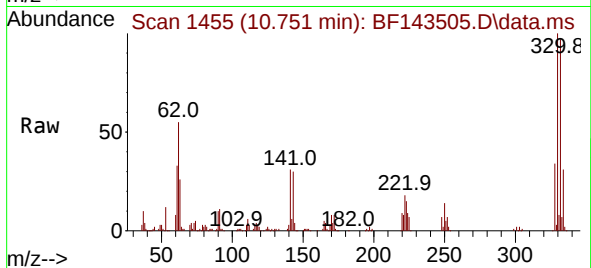
Tgt Ion: 164 Resp: 285511
 Ion Ratio Lower Upper
 164 100
 162 99.8 80.5 120.7
 160 43.4 34.3 51.5



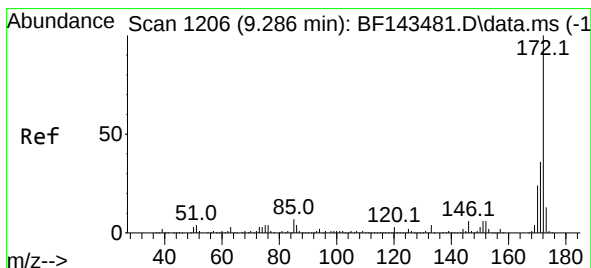
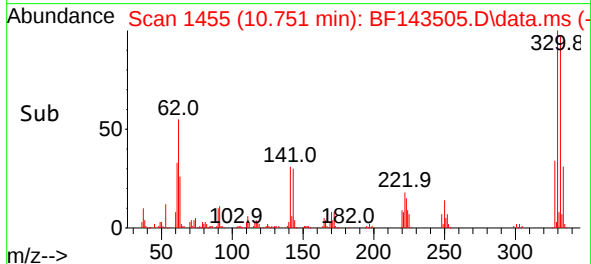
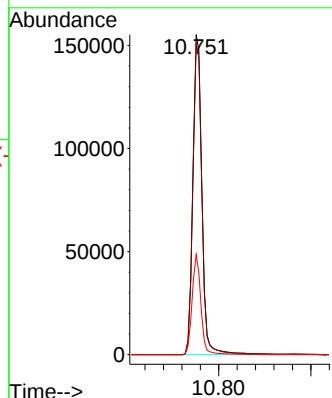


#42
2,4,6-Tribromophenol
Concen: 79.767 ng
RT: 10.751 min Scan# 1456
Delta R.T. -0.012 min
Lab File: BF143505.D
Acq: 21 Aug 2025 01:27

Instrument :
BNA_F
ClientSampleId :
17M-W

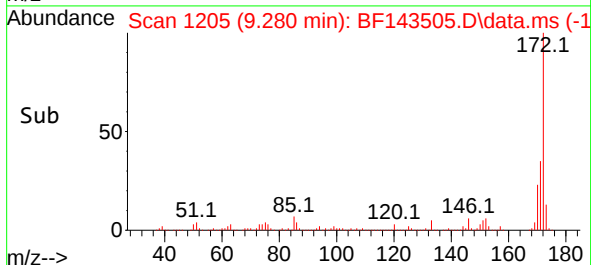
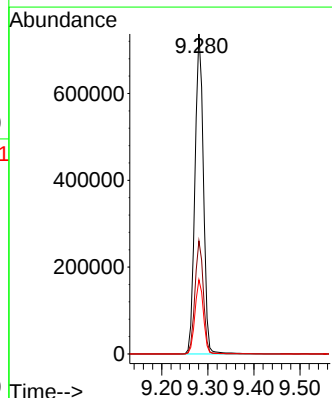
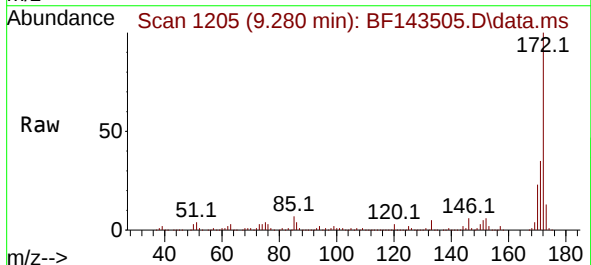


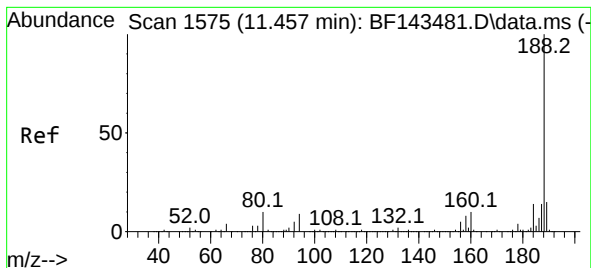
Tgt Ion:330 Resp: 211995
Ion Ratio Lower Upper
330 100
332 97.1 78.0 117.0
141 30.4 23.7 35.5



#45
2-Fluorobiphenyl
Concen: 54.357 ng
RT: 9.280 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143505.D
Acq: 21 Aug 2025 01:27

Tgt Ion:172 Resp: 939057
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.2 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: BF143505.D

Acq: 21 Aug 2025 01:27

Instrument :

BNA_F

ClientSampleId :

17M-W

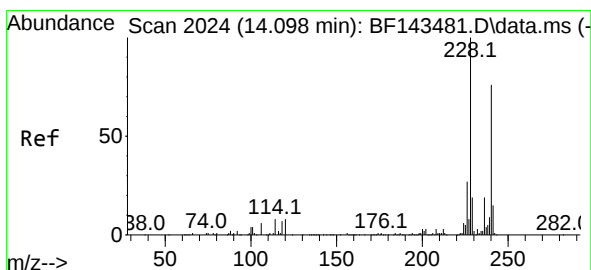
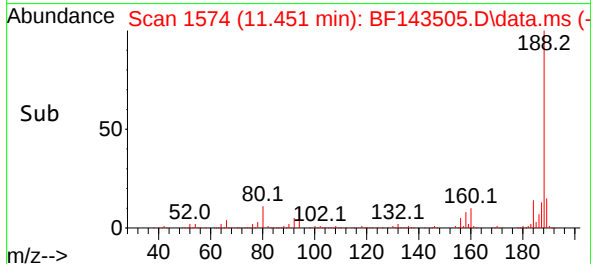
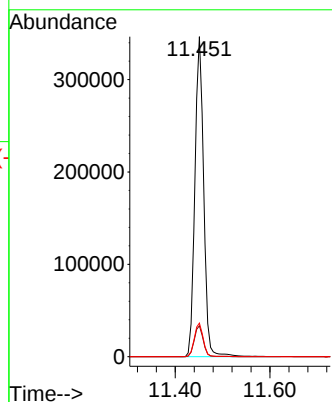
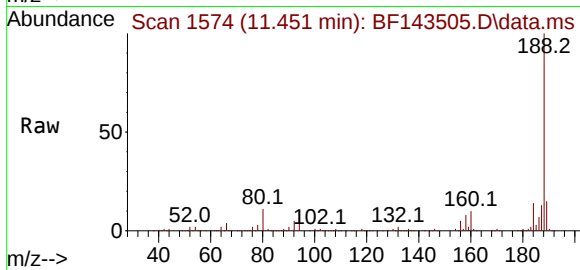
Tgt Ion:188 Resp: 446327

Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.2

80 10.5 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: BF143505.D

Acq: 21 Aug 2025 01:27

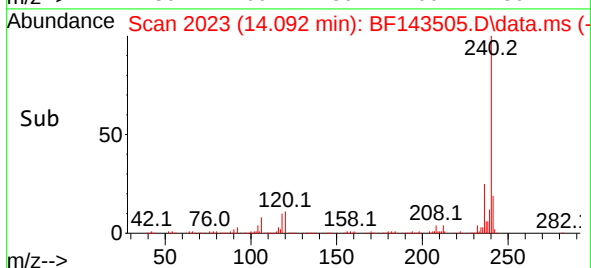
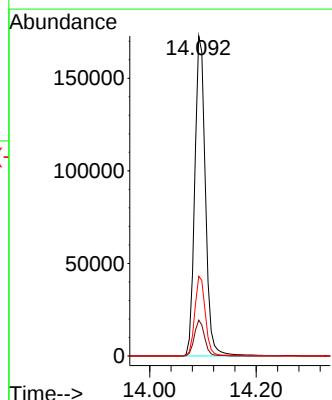
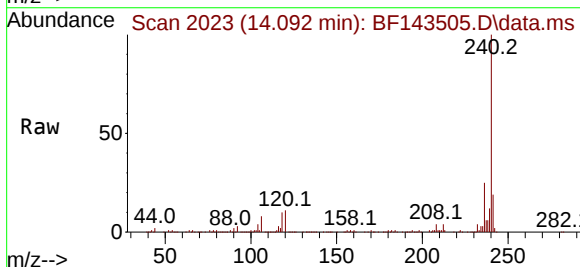
Tgt Ion:240 Resp: 240120

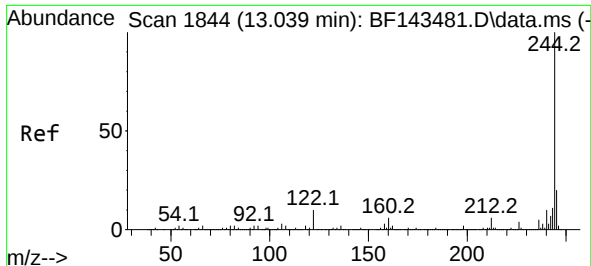
Ion Ratio Lower Upper

240 100

120 11.2 8.6 12.8

236 24.9 20.4 30.6

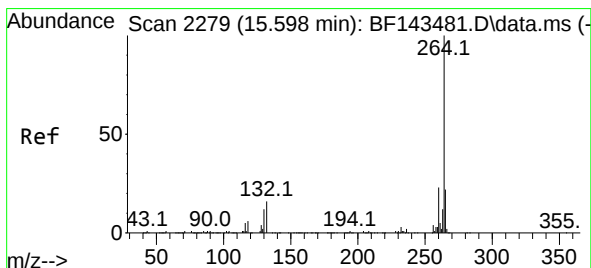
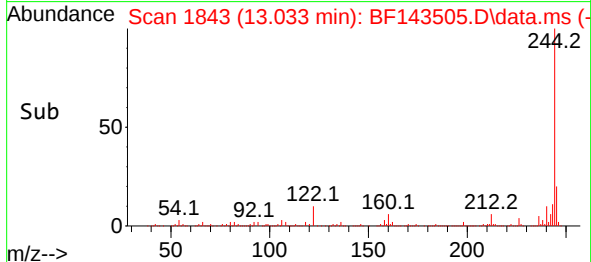
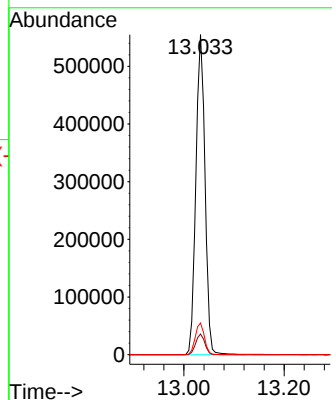
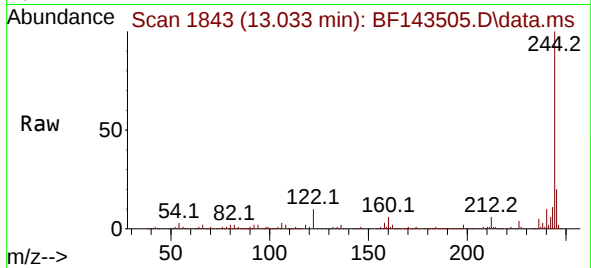




#79
 Terphenyl-d14
 Concen: 50.883 ng
 RT: 13.033 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF143505.D
 Acq: 21 Aug 2025 01:27

Instrument :
 BNA_F
 ClientSampleId :
 17M-W

Tgt Ion:244 Resp: 700158
 Ion Ratio Lower Upper
 244 100
 212 6.5 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: BF143505.D
 Acq: 21 Aug 2025 01:27

Tgt Ion:264 Resp: 275939
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 21.3 17.6 26.4

