

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
 Data File : BF143503.D
 Acq On : 21 Aug 2025 00:29
 Operator : RC/JU
 Sample : Q2900-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MN-9C-081825

Quant Time: Aug 21 02:09:00 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	128002	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	499284	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	269714	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	422264	20.000	ng	0.00
76) Chrysene-d12	14.092	240	236275	20.000	ng	-0.01
86) Perylene-d12	15.592	264	262288	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	476323	64.978	ng	0.00
7) Phenol-d6	6.557	99	388990	42.987	ng	-0.02
23) Nitrobenzene-d5	7.487	82	801302	93.654	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	350300	139.526	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1430709	87.667	ng	0.00
79) Terphenyl-d14	13.033	244	1173538	86.673	ng	0.00

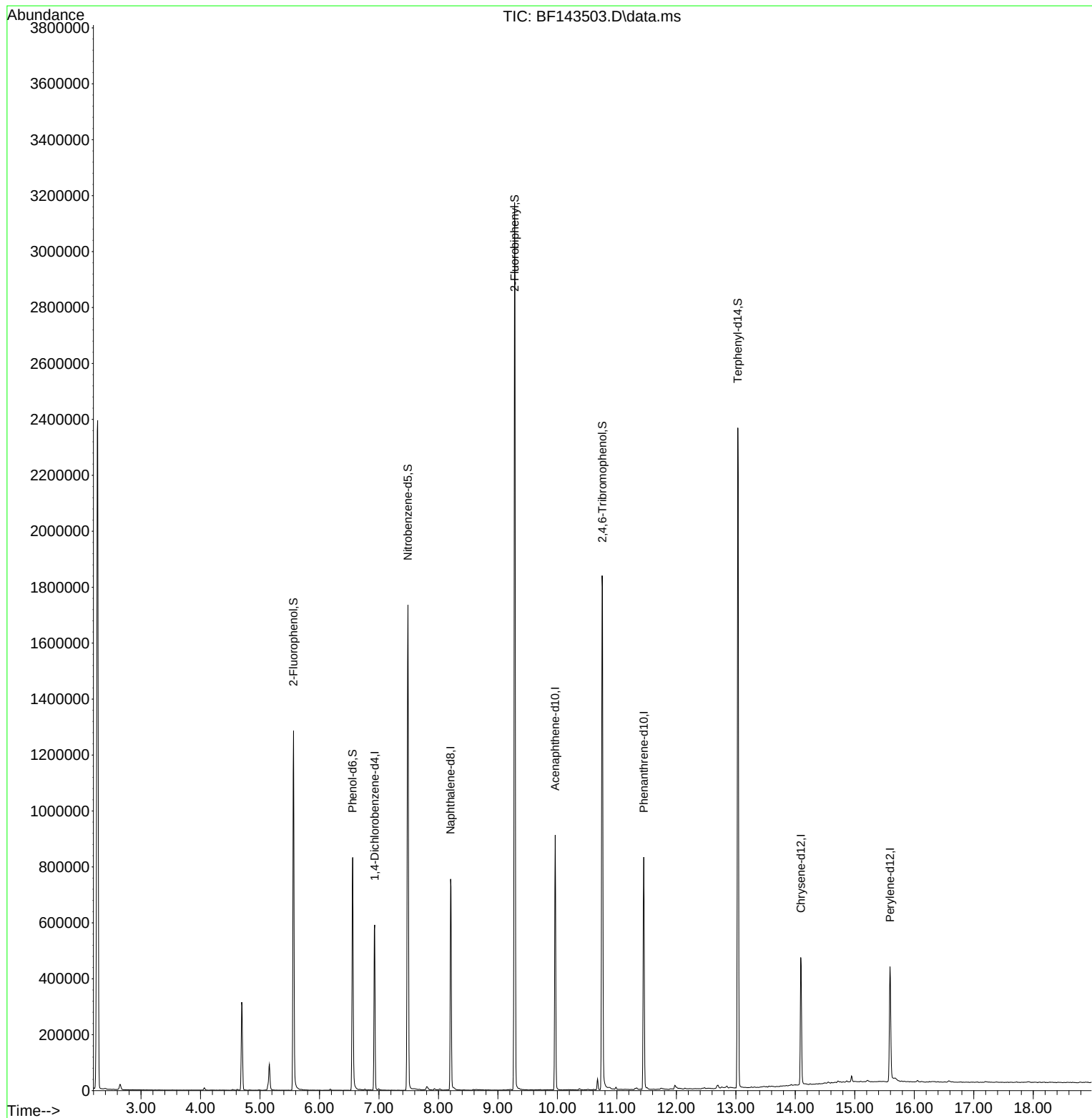
Target Compounds	Qvalue

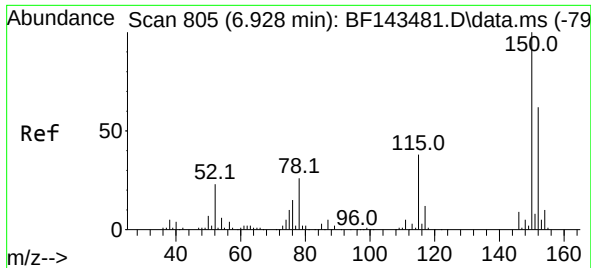
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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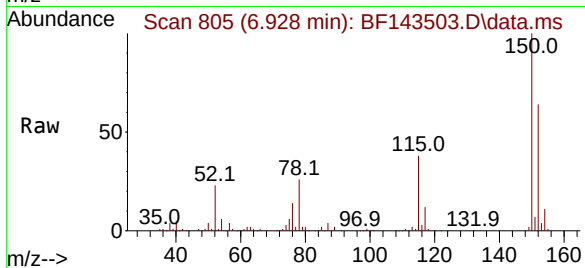
Quant Time: Aug 21 02:09:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
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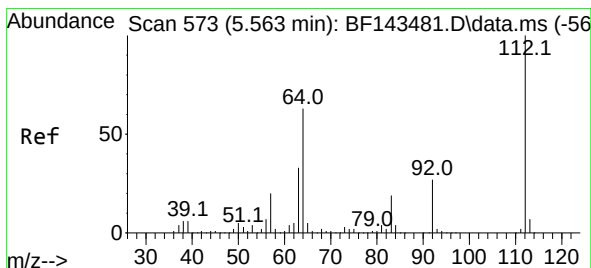
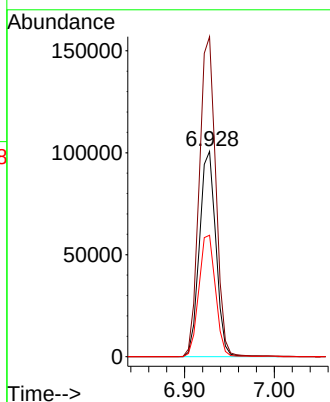
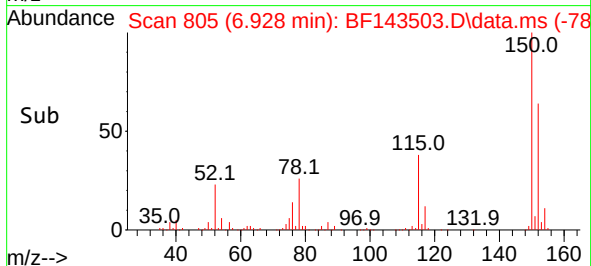


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF143503.D
Acq: 21 Aug 2025 00:29

Instrument :
BNA_F
ClientSampleId :
MN-9C-081825

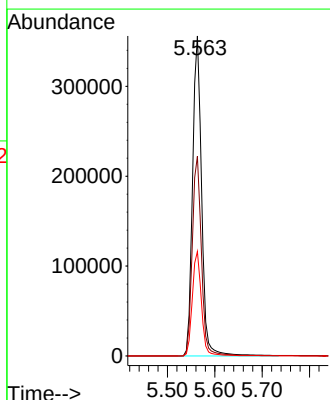
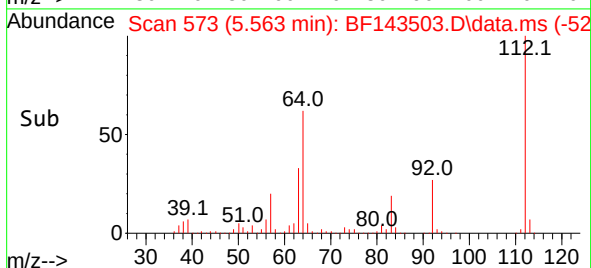
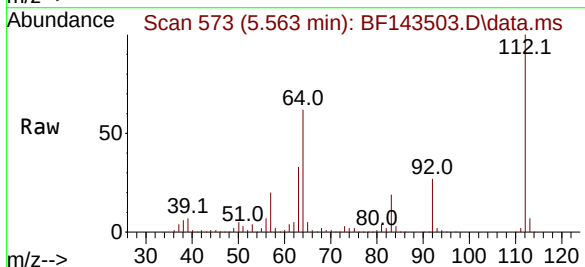


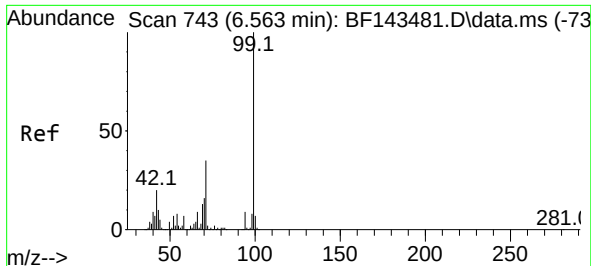
Tgt Ion:152 Resp: 128002
Ion Ratio Lower Upper
152 100
150 155.8 128.9 193.3
115 59.1 49.2 73.8



#5
2-Fluorophenol
Concen: 64.978 ng
RT: 5.563 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF143503.D
Acq: 21 Aug 2025 00:29

Tgt Ion:112 Resp: 476323
Ion Ratio Lower Upper
112 100
64 62.4 50.4 75.6
63 32.6 26.4 39.6

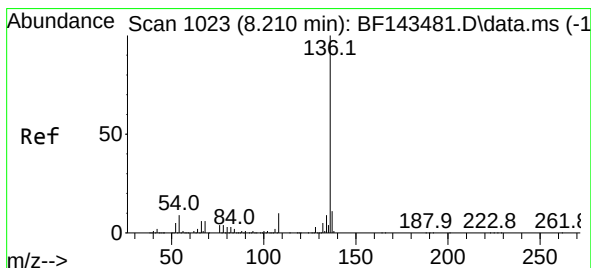
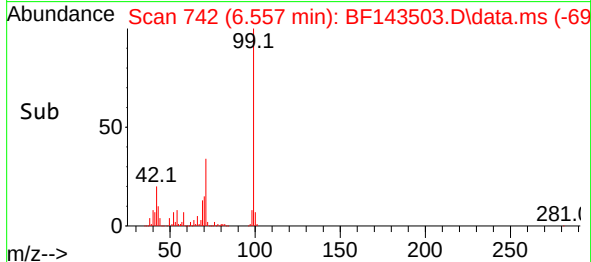
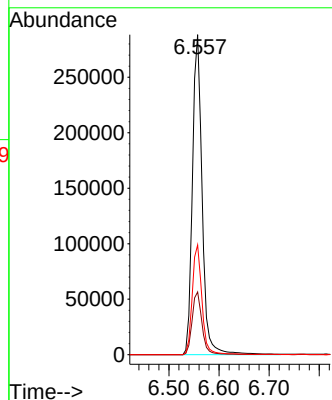
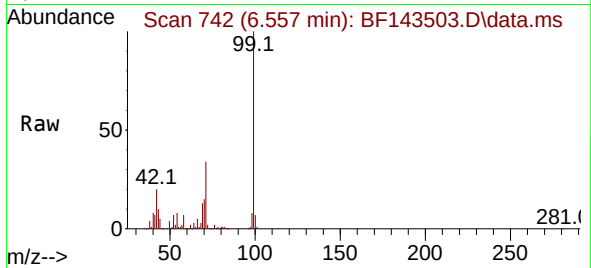




#7
Phenol-d6
Concen: 42.987 ng
RT: 6.557 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF143503.D
Acq: 21 Aug 2025 00:29

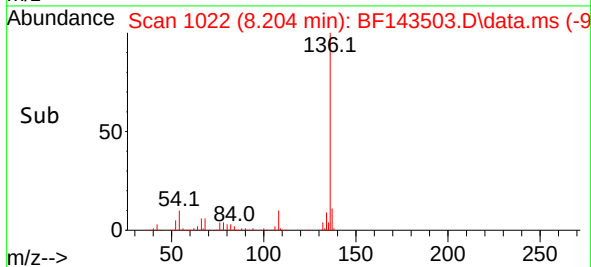
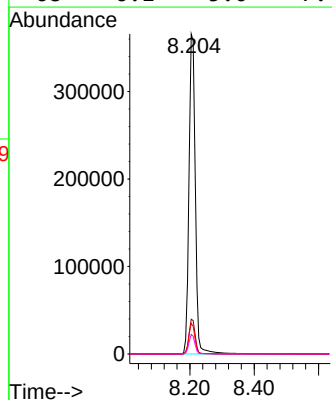
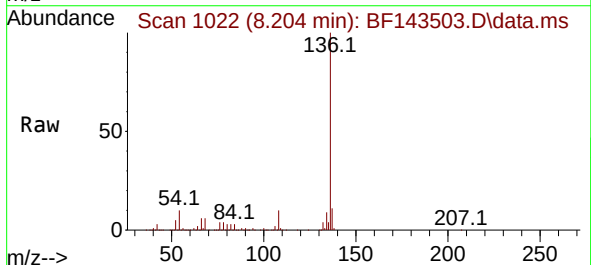
Instrument :
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ClientSampleId :
MN-9C-081825

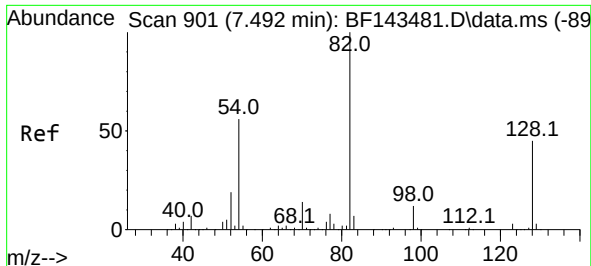
Tgt Ion: 99 Resp: 388990
Ion Ratio Lower Upper
99 100
42 19.6 16.3 24.5
71 34.3 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143503.D
Acq: 21 Aug 2025 00:29

Tgt Ion: 136 Resp: 499284
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 9.5 7.4 11.2
68 6.1 5.0 7.4

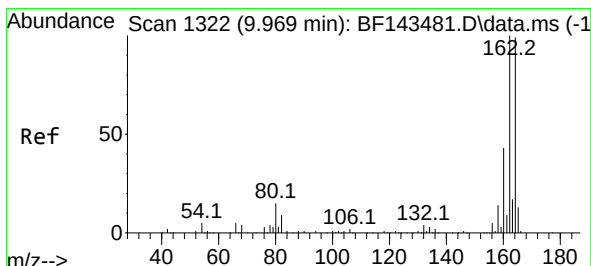
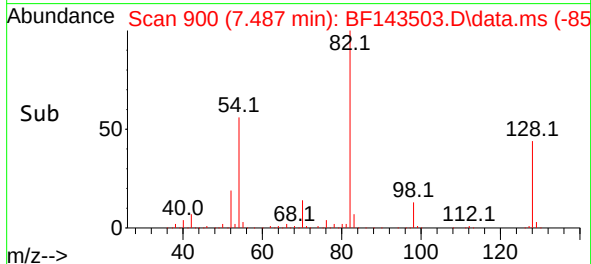
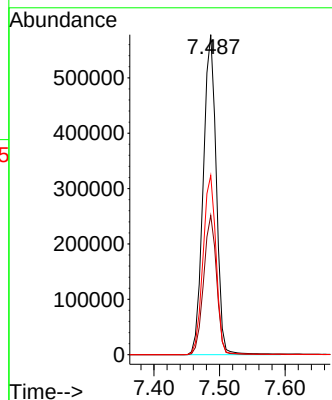
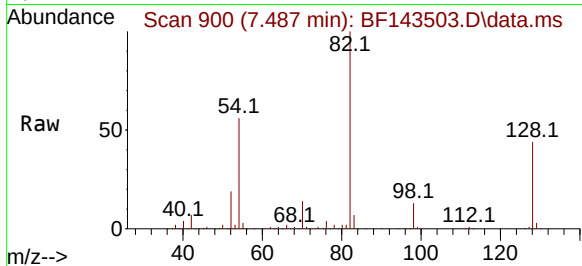




#23
 Nitrobenzene-d5
 Concen: 93.654 ng
 RT: 7.487 min Scan# 901
 Delta R.T. -0.012 min
 Lab File: BF143503.D
 Acq: 21 Aug 2025 00:29

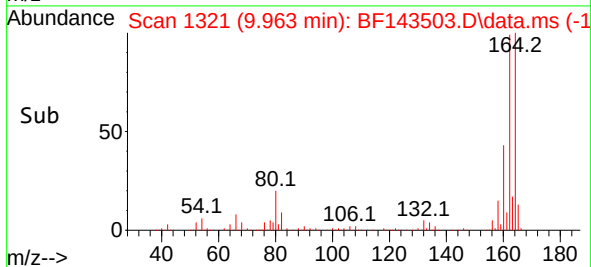
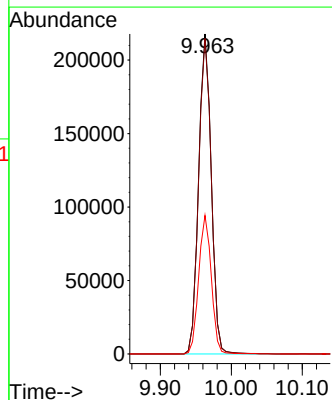
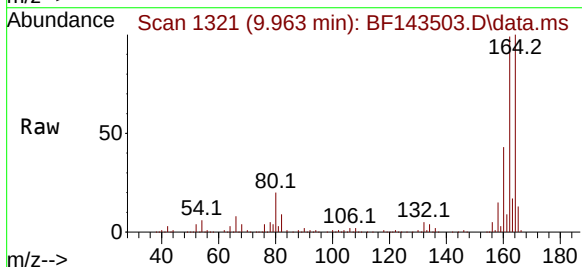
Instrument :
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 ClientSampleId :
 MN-9C-081825

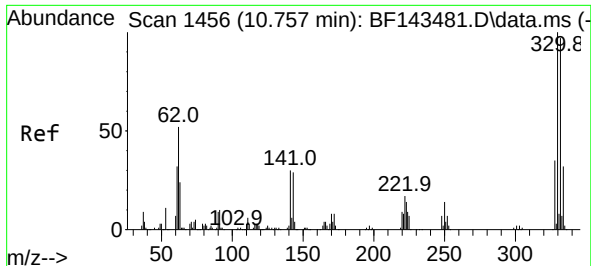
Tgt Ion: 82 Resp: 801302
 Ion Ratio Lower Upper
 82 100
 128 43.5 35.5 53.3
 54 56.0 44.3 66.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.963 min Scan# 1321
 Delta R.T. -0.006 min
 Lab File: BF143503.D
 Acq: 21 Aug 2025 00:29

Tgt Ion:164 Resp: 269714
 Ion Ratio Lower Upper
 164 100
 162 98.6 80.5 120.7
 160 43.3 34.3 51.5

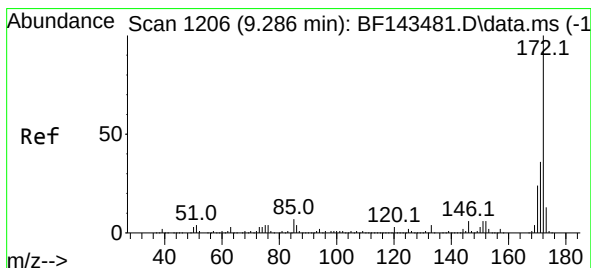
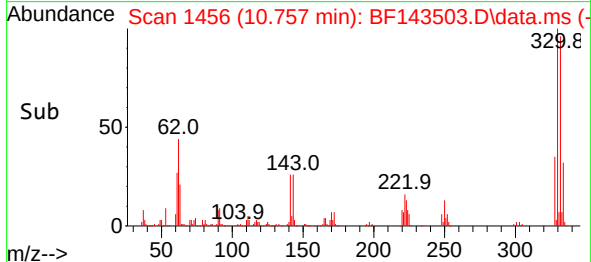
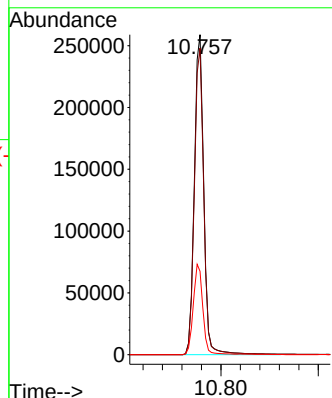
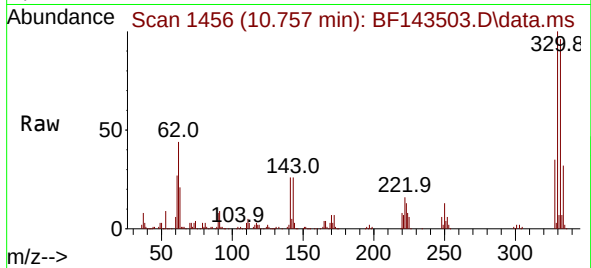




#42
2,4,6-Tribromophenol
Concen: 139.526 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143503.D
Acq: 21 Aug 2025 00:29

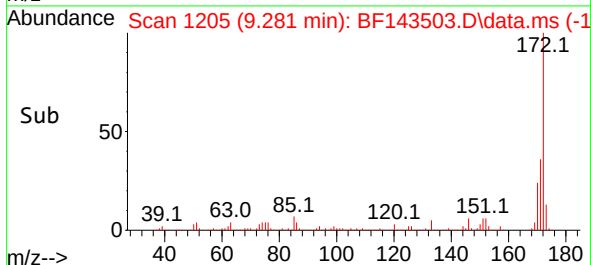
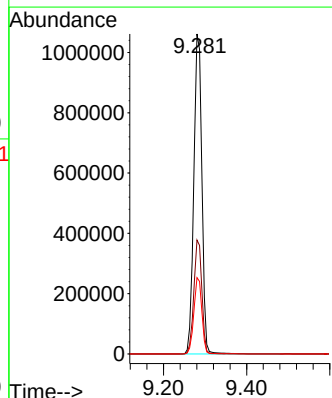
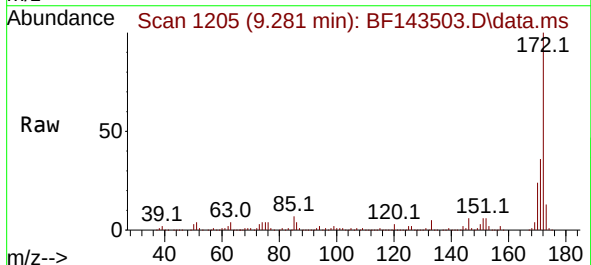
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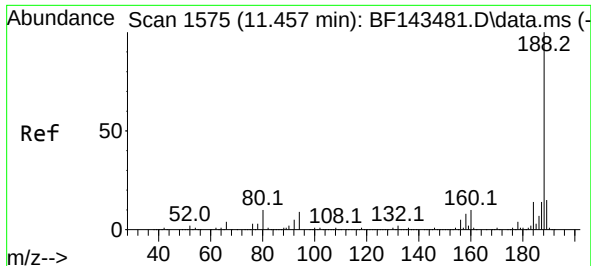
Tgt Ion:330 Resp: 350300
Ion Ratio Lower Upper
330 100
332 95.9 78.0 117.0
141 28.9 23.7 35.5



#45
2-Fluorobiphenyl
Concen: 87.667 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143503.D
Acq: 21 Aug 2025 00:29

Tgt Ion:172 Resp: 1430709
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.9 18.8 28.2

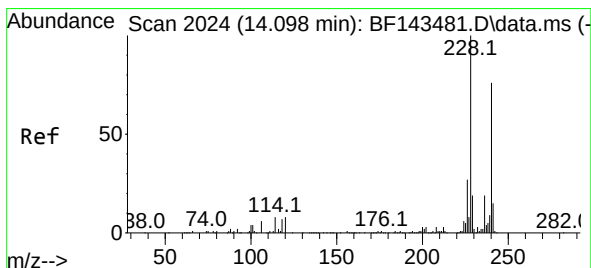
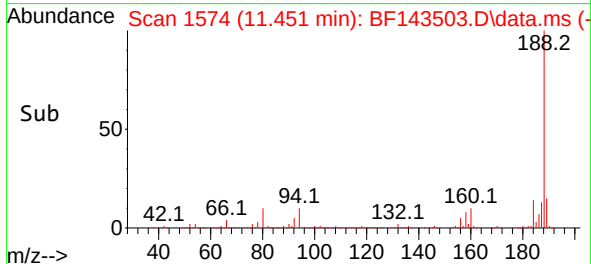
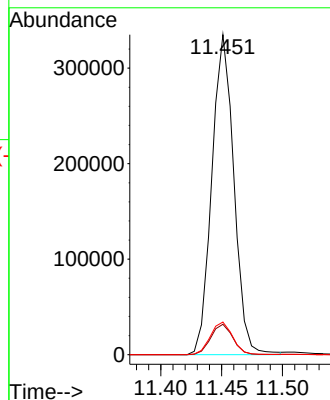
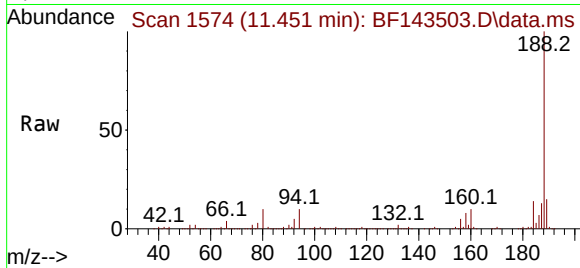




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143503.D
Acq: 21 Aug 2025 00:29

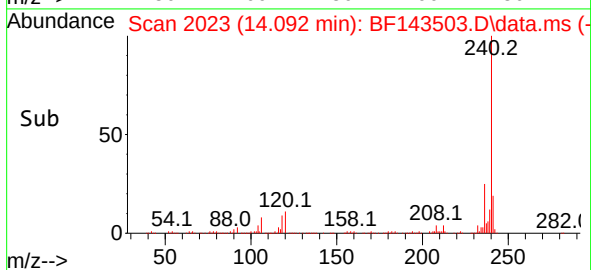
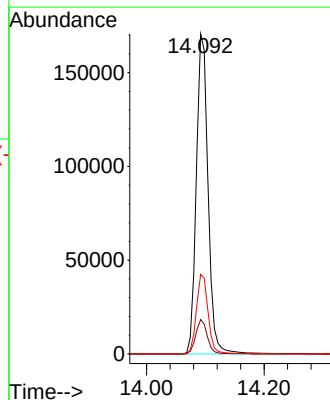
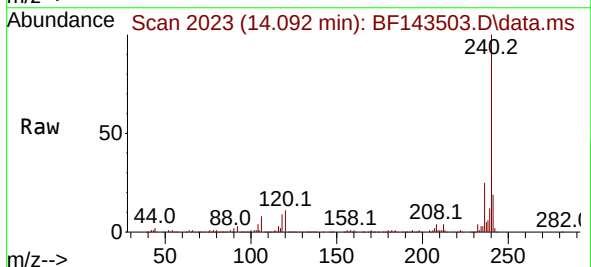
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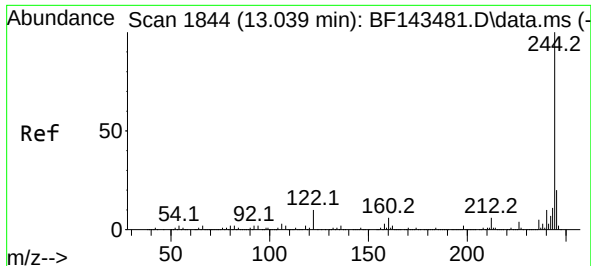
Tgt Ion:188 Resp: 422264
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.2 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF143503.D
Acq: 21 Aug 2025 00:29

Tgt Ion:240 Resp: 236275
Ion Ratio Lower Upper
240 100
120 10.8 8.6 12.8
236 24.8 20.4 30.6

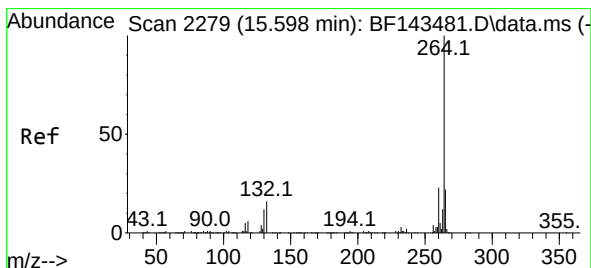
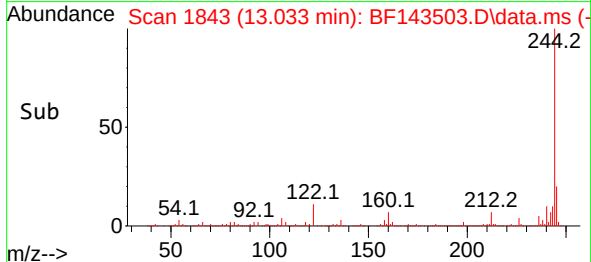
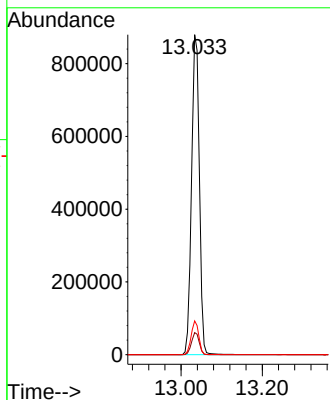
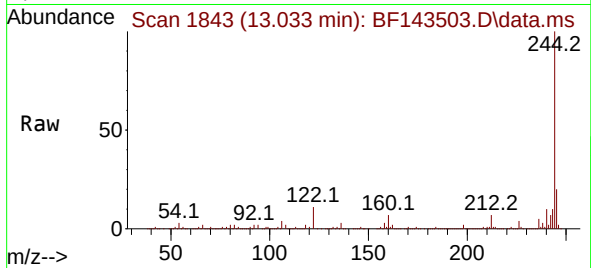




#79
 Terphenyl-d14
 Concen: 86.673 ng
 RT: 13.033 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF143503.D
 Acq: 21 Aug 2025 00:29

Instrument :
 BNA_F
 ClientSampleId :
 MN-9C-081825

Tgt Ion:244 Resp: 1173538
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.2 7.8
 122 10.6 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: BF143503.D
 Acq: 21 Aug 2025 00:29

Tgt Ion:264 Resp: 262288
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 20.9 17.6 26.4

