

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
 Data File : BF143519.D
 Acq On : 21 Aug 2025 09:50
 Operator : RC/JU
 Sample : PB169299BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169299BL

Quant Time: Aug 21 11:45:53 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	121954	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	468339	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	262036	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	399655	20.000	ng	0.00
76) Chrysene-d12	14.092	240	226856	20.000	ng	-0.01
86) Perylene-d12	15.592	264	267304	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	880523	126.075	ng	0.01
7) Phenol-d6	6.563	99	1103156	127.954	ng	-0.01
23) Nitrobenzene-d5	7.487	82	745057	92.834	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	301628	123.660	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1392632	87.834	ng	0.00
79) Terphenyl-d14	13.033	244	1221998	93.999	ng	0.00

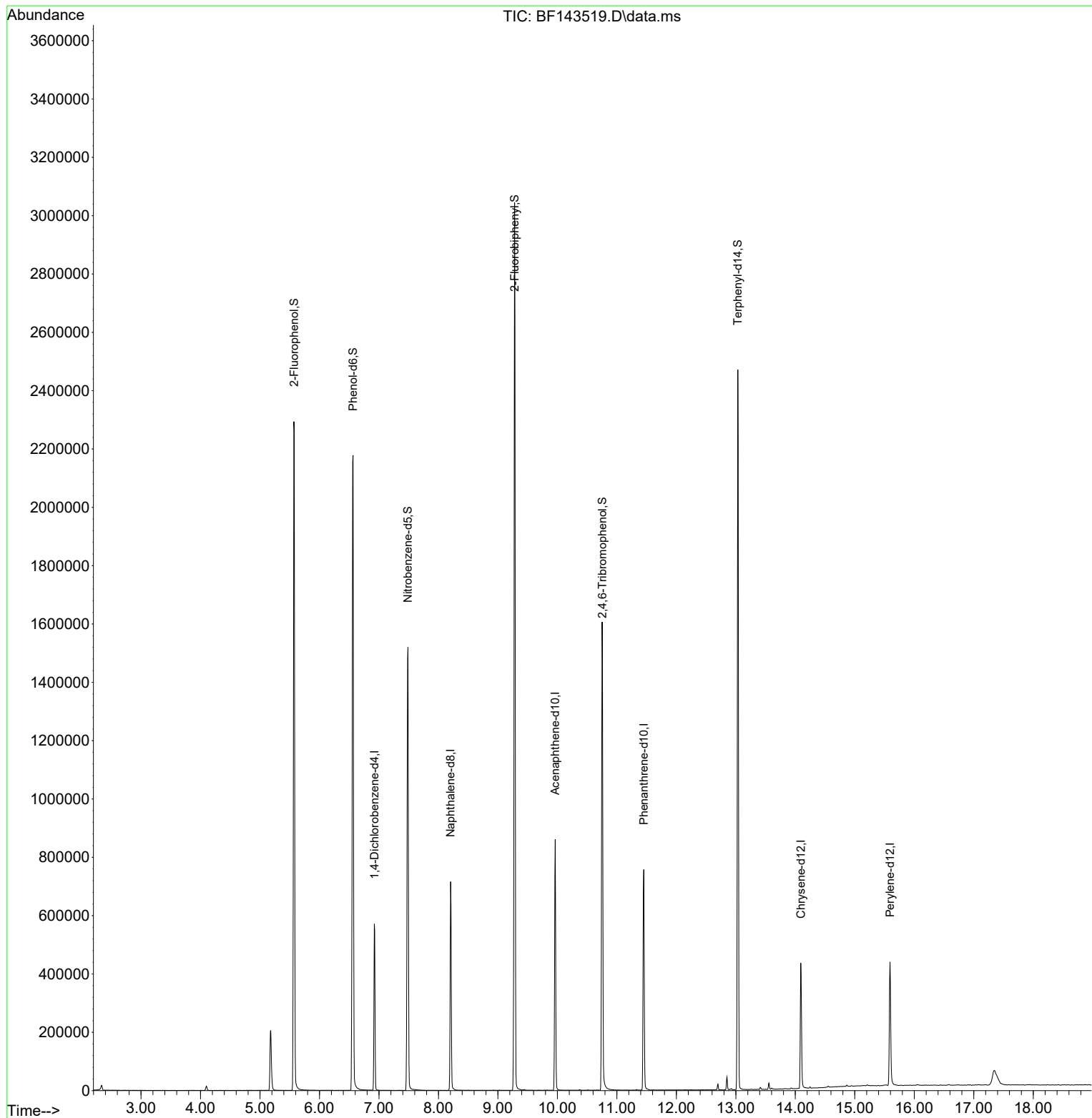
Target Compounds	Qvalue

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

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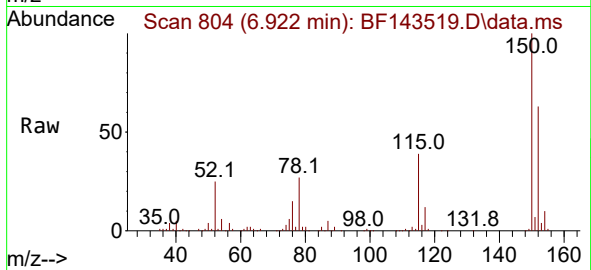
Quant Time: Aug 21 11:45:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
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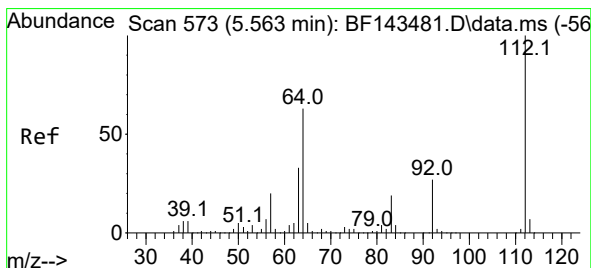
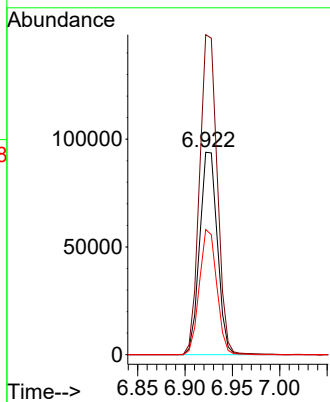
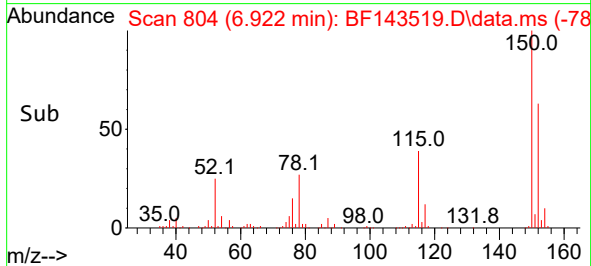


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF143519.D
Acq: 21 Aug 2025 09:50

Instrument :
BNA_F
ClientSampleId :
PB169299BL

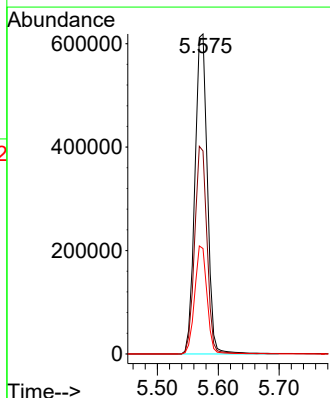
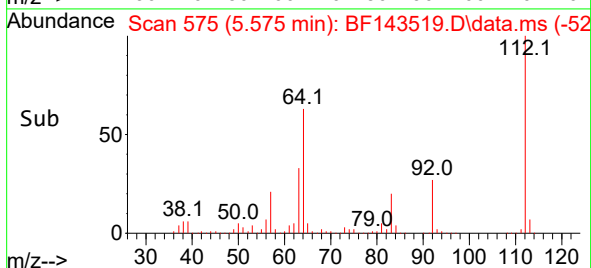
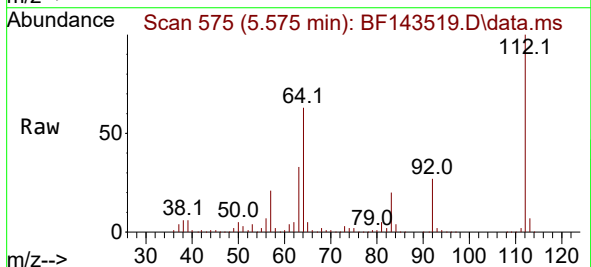


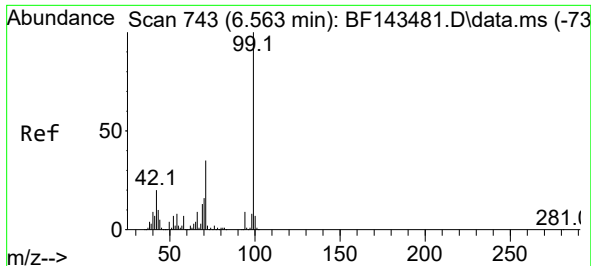
Tgt Ion:152 Resp: 121954
Ion Ratio Lower Upper
152 100
150 158.1 128.9 193.3
115 61.9 49.2 73.8



#5
2-Fluorophenol
Concen: 126.075 ng
RT: 5.575 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF143519.D
Acq: 21 Aug 2025 09:50

Tgt Ion:112 Resp: 880523
Ion Ratio Lower Upper
112 100
64 63.4 50.4 75.6
63 33.0 26.4 39.6

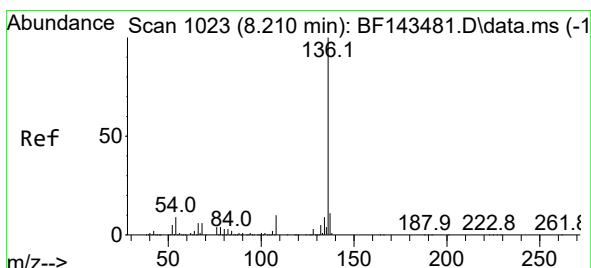
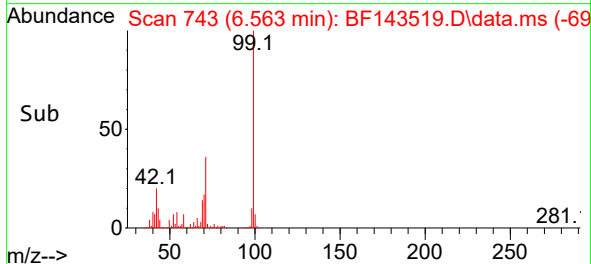
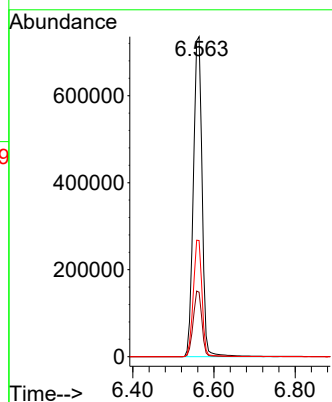
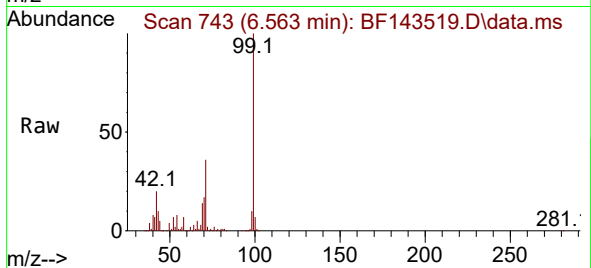




#7
Phenol-d6
Concen: 127.954 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF143519.D
Acq: 21 Aug 2025 09:50

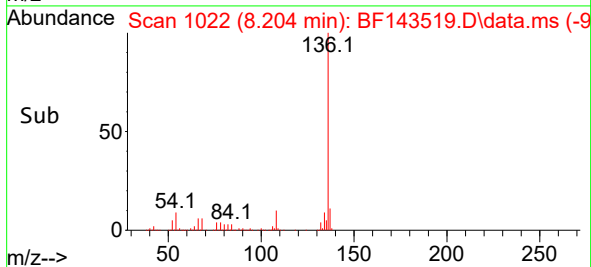
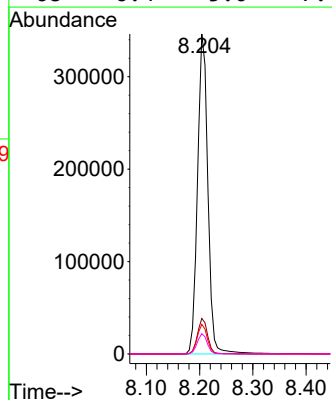
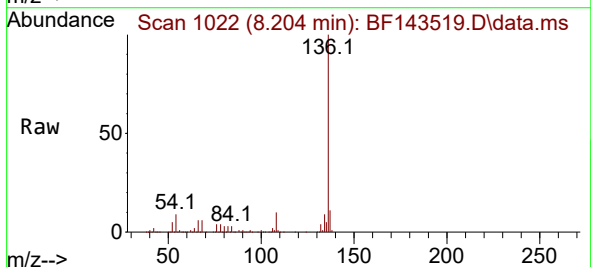
Instrument :
BNA_F
ClientSampleId :
PB169299BL

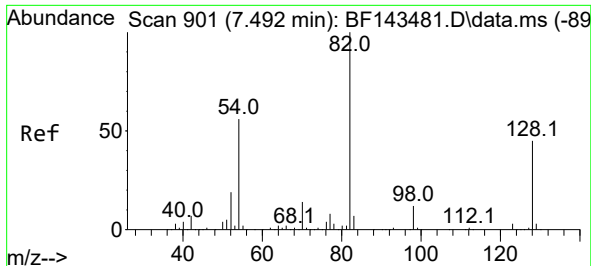
Tgt Ion: 99 Resp: 1103156
Ion Ratio Lower Upper
99 100
42 20.1 16.3 24.5
71 36.3 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143519.D
Acq: 21 Aug 2025 09:50

Tgt Ion: 136 Resp: 468339
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 9.3 7.4 11.2
68 6.4 5.0 7.4

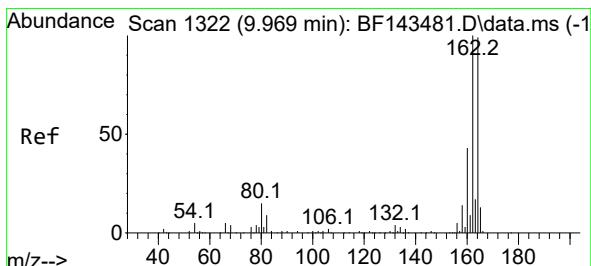
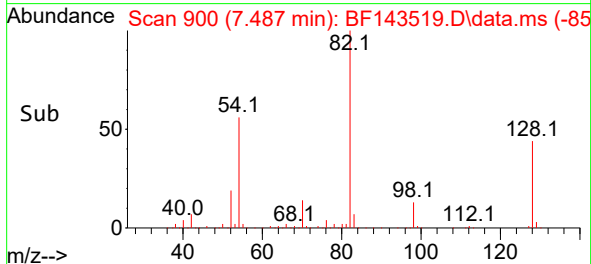
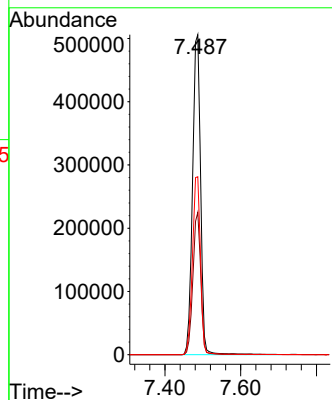
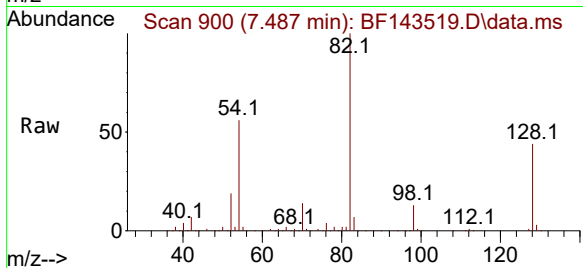




#23
 Nitrobenzene-d5
 Concen: 92.834 ng
 RT: 7.487 min Scan# 901
 Delta R.T. -0.012 min
 Lab File: BF143519.D
 Acq: 21 Aug 2025 09:50

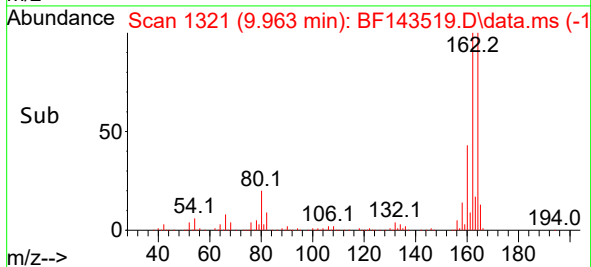
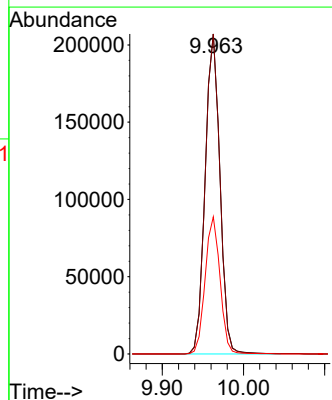
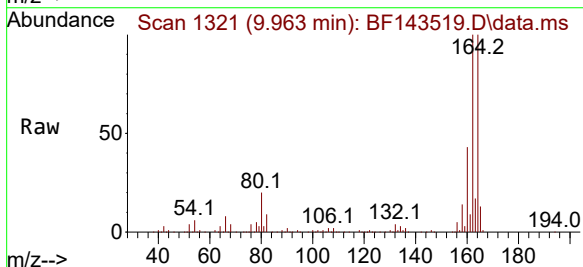
Instrument :
 BNA_F
 ClientSampleId :
 PB169299BL

Tgt Ion: 82 Resp: 745057
 Ion Ratio Lower Upper
 82 100
 128 44.5 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: BF143519.D
 Acq: 21 Aug 2025 09:50

Tgt Ion:164 Resp: 262036
 Ion Ratio Lower Upper
 164 100
 162 100.0 80.5 120.7
 160 42.9 34.3 51.5

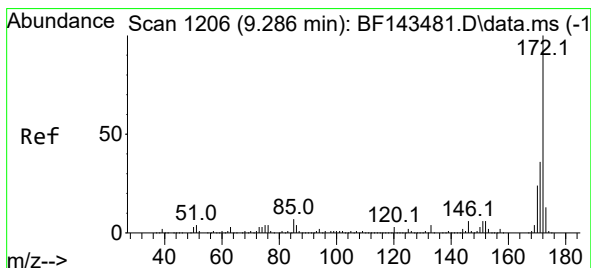
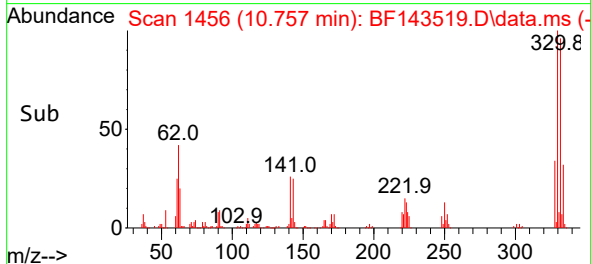
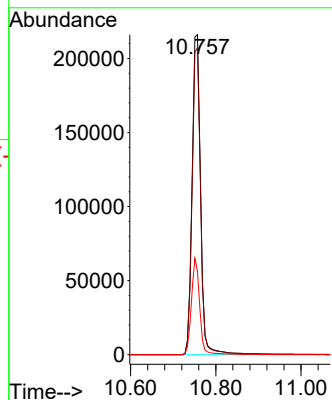
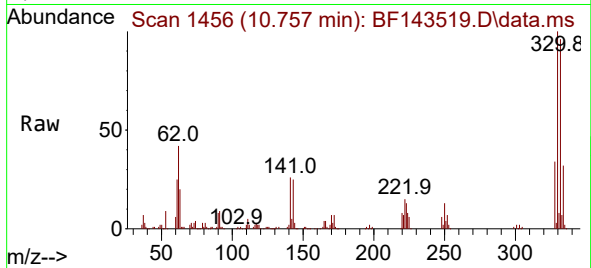




#42
2,4,6-Tribromophenol
Concen: 123.660 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143519.D
Acq: 21 Aug 2025 09:50

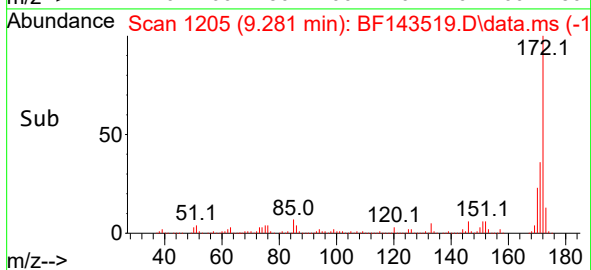
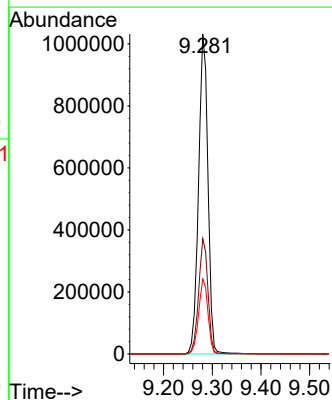
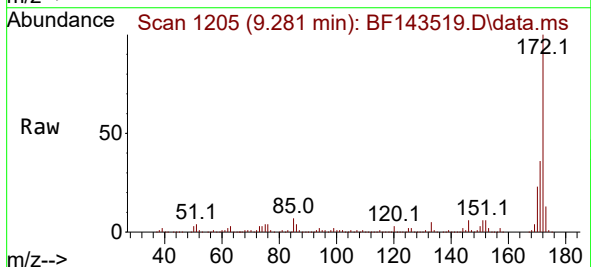
Instrument :
BNA_F
ClientSampleId :
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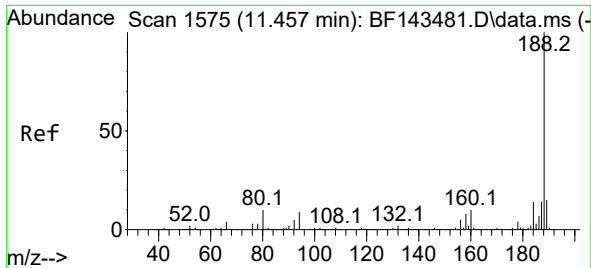
Tgt Ion:330 Resp: 301628
Ion Ratio Lower Upper
330 100
332 95.1 78.0 117.0
141 29.0 23.7 35.5



#45
2-Fluorobiphenyl
Concen: 87.834 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143519.D
Acq: 21 Aug 2025 09:50

Tgt Ion:172 Resp: 1392632
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.4 18.8 28.2

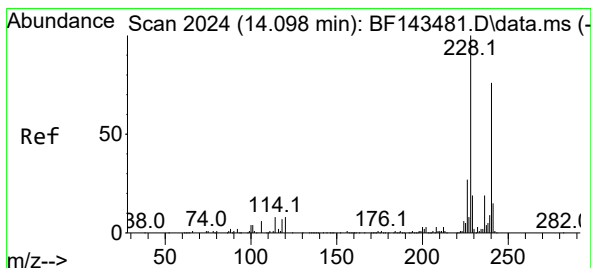
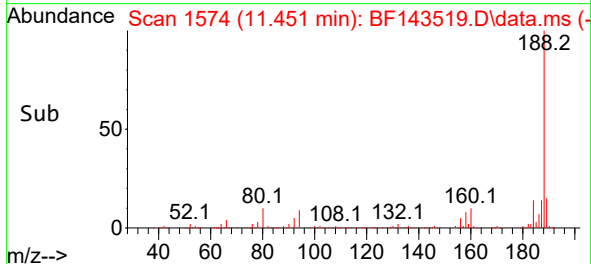
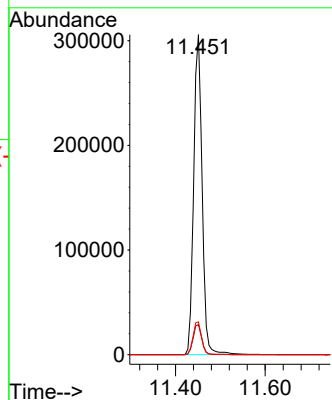
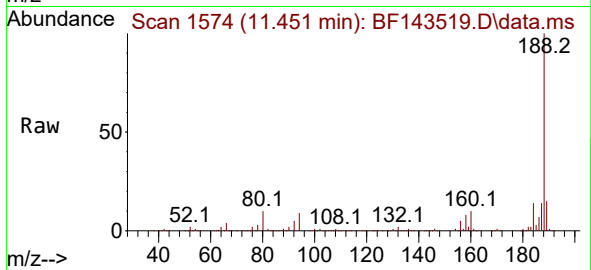




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143519.D
Acq: 21 Aug 2025 09:50

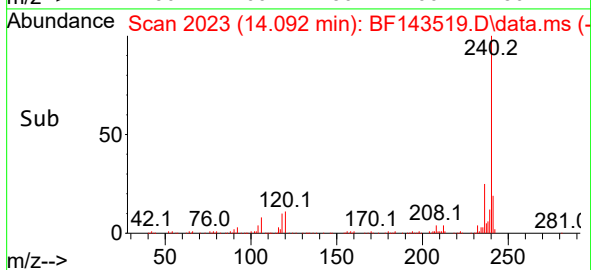
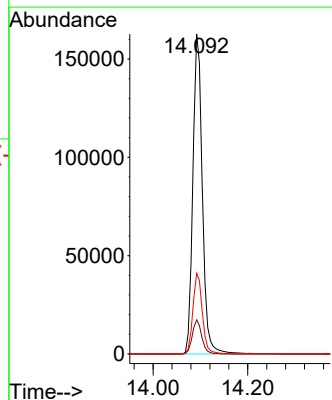
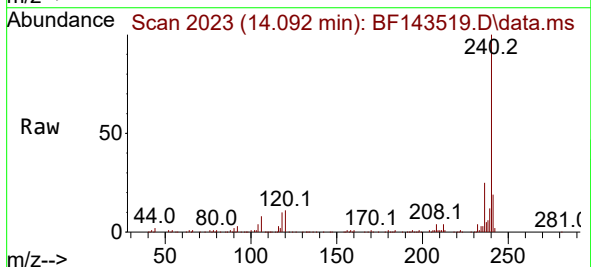
Instrument :
BNA_F
ClientSampleId :
PB169299BL

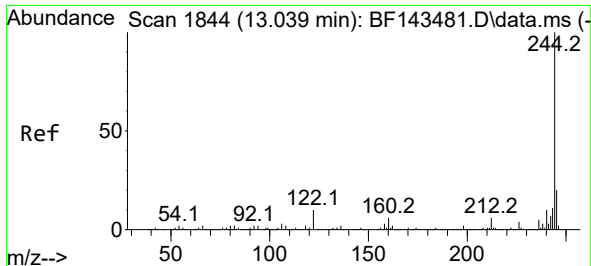
Tgt Ion:188 Resp: 399655
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.3 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF143519.D
Acq: 21 Aug 2025 09:50

Tgt Ion:240 Resp: 226856
Ion Ratio Lower Upper
240 100
120 10.7 8.6 12.8
236 25.2 20.4 30.6

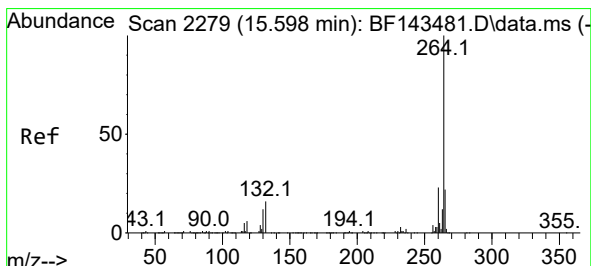
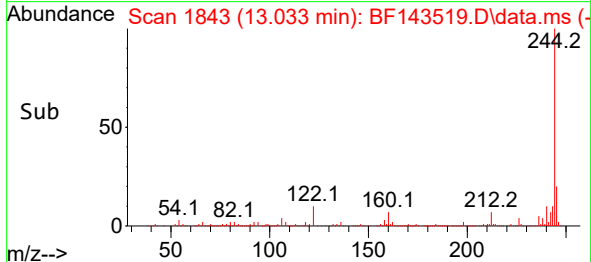
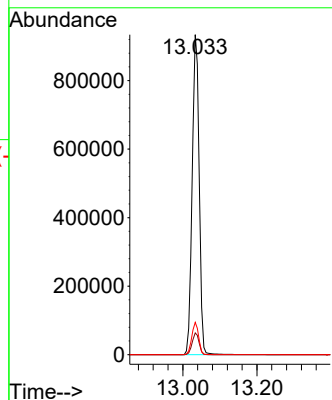
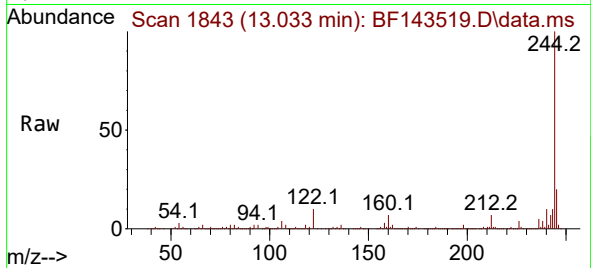




#79
 Terphenyl-d14
 Concen: 93.999 ng
 RT: 13.033 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF143519.D
 Acq: 21 Aug 2025 09:50

Instrument :
 BNA_F
 ClientSampleId :
 PB169299BL

Tgt Ion:244 Resp: 1221998
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.2 7.8
 122 10.1 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: BF143519.D
 Acq: 21 Aug 2025 09:50

Tgt Ion:264 Resp: 267304
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 20.6 17.6 26.4

