

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081925\
 Data File : BF143470.D
 Acq On : 19 Aug 2025 22:48
 Operator : RC/JU
 Sample : PB169291TB
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169291TB

Quant Time: Aug 20 01:15:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 18 04:40:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	139420	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	546209	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	317168	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	553751	20.000	ng	0.00
76) Chrysene-d12	14.086	240	313579	20.000	ng	0.00
86) Perylene-d12	15.580	264	292011	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1040624	129.748	ng	0.02
7) Phenol-d6	6.563	99	1317035	130.303	ng	0.00
23) Nitrobenzene-d5	7.486	82	891151	96.813	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	417860	148.018	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1686227	89.423	ng	0.00
79) Terphenyl-d14	13.033	244	1822119	97.612	ng	0.00

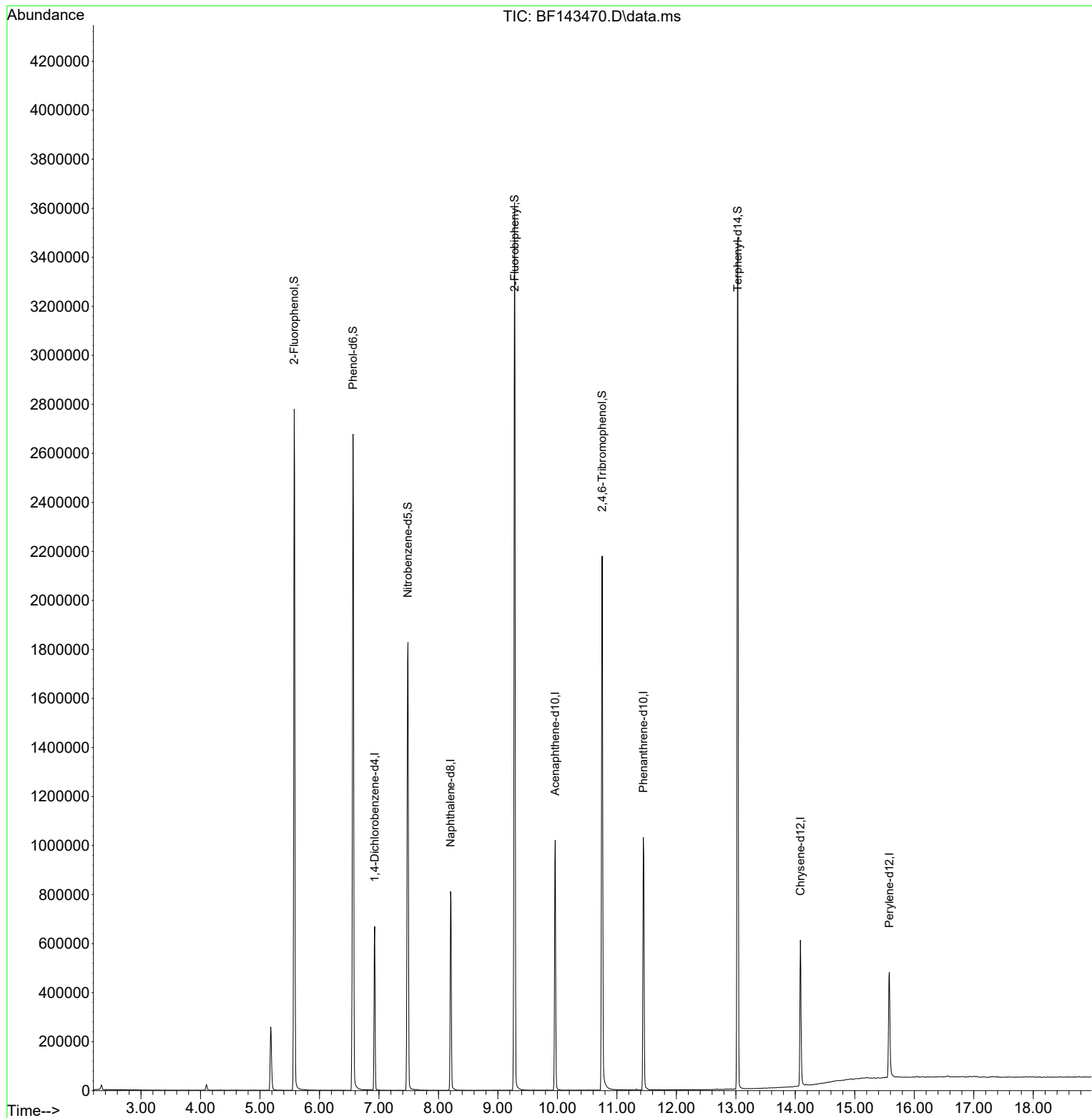
Target Compounds	Qvalue

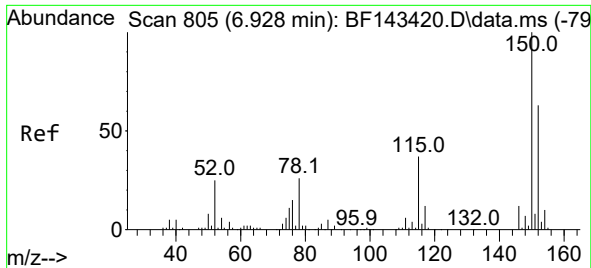
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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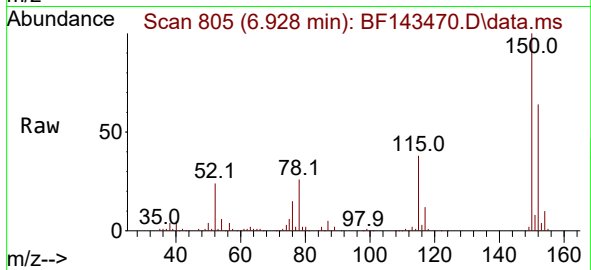
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
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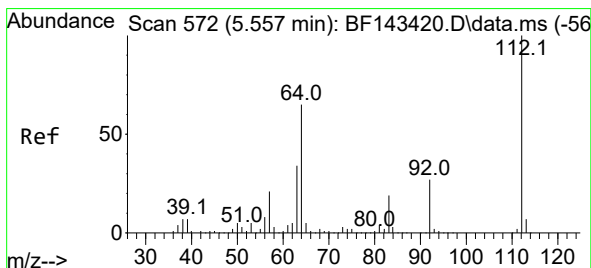
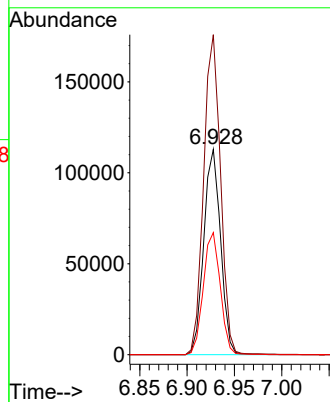
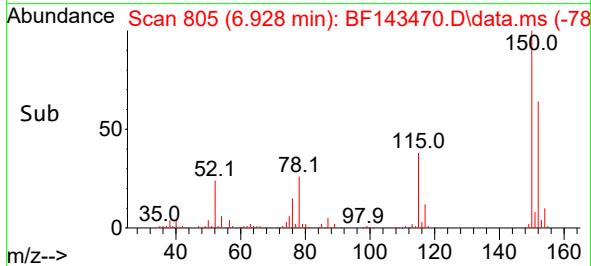


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF143470.D
Acq: 19 Aug 2025 22:48

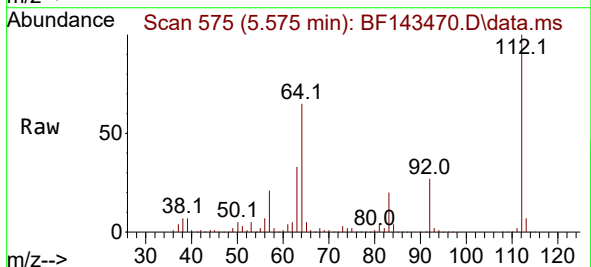
Instrument :
BNA_F
ClientSampleId :
PB169291TB



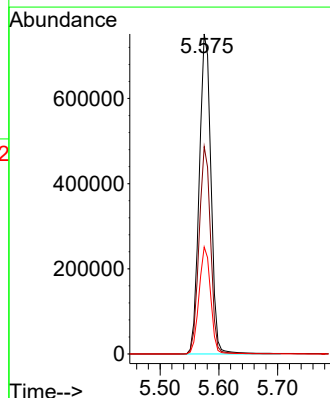
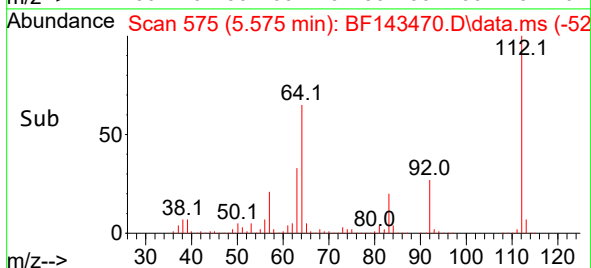
Tgt Ion:152 Resp: 139420
Ion Ratio Lower Upper
152 100
150 155.9 127.4 191.2
115 59.5 47.5 71.3

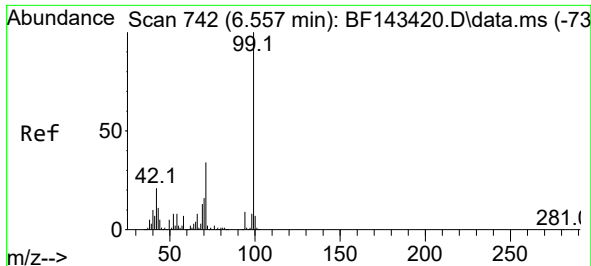


#5
2-Fluorophenol
Concen: 129.748 ng
RT: 5.575 min Scan# 575
Delta R.T. 0.017 min
Lab File: BF143470.D
Acq: 19 Aug 2025 22:48



Tgt Ion:112 Resp: 1040624
Ion Ratio Lower Upper
112 100
64 64.8 52.2 78.2
63 33.5 27.0 40.6

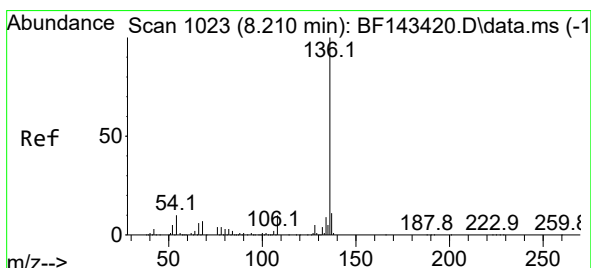
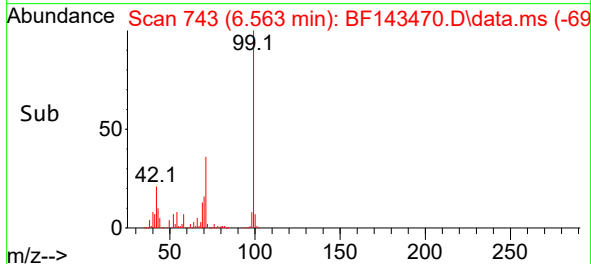
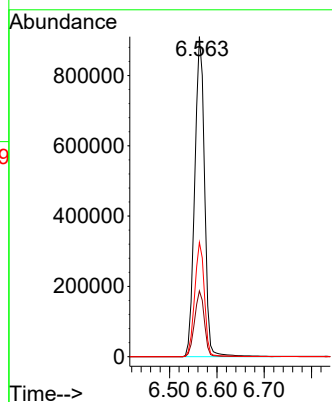
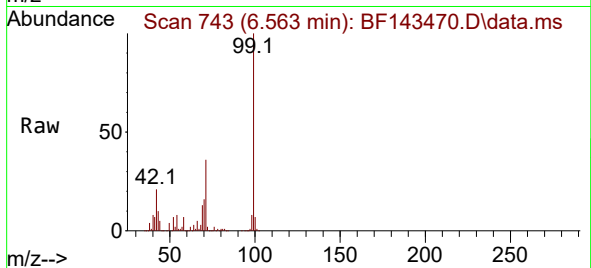




#7
Phenol-d6
Concen: 130.303 ng
RT: 6.563 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF143470.D
Acq: 19 Aug 2025 22:48

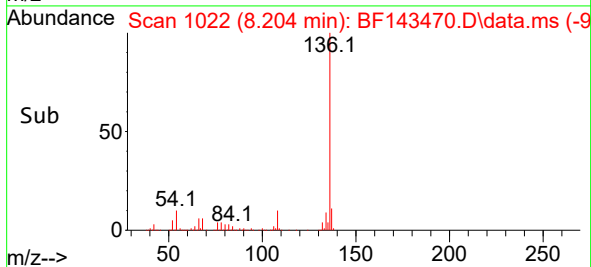
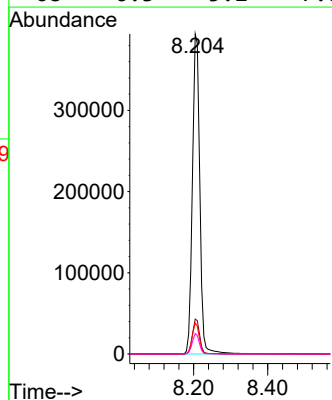
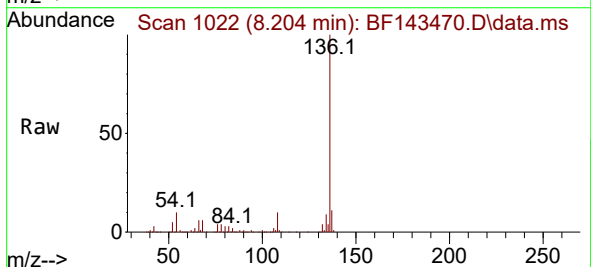
Instrument :
BNA_F
ClientSampleId :
PB169291TB

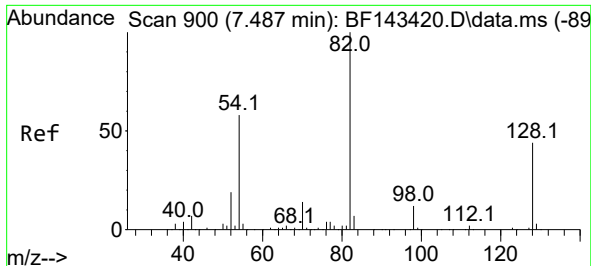
Tgt Ion: 99 Resp: 1317035
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.6
71 35.7 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143470.D
Acq: 19 Aug 2025 22:48

Tgt Ion: 136 Resp: 546209
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.7 7.8 11.8
68 6.3 5.2 7.8

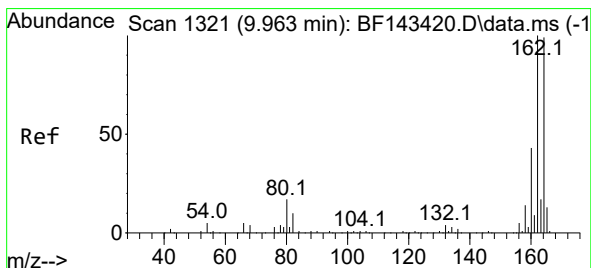
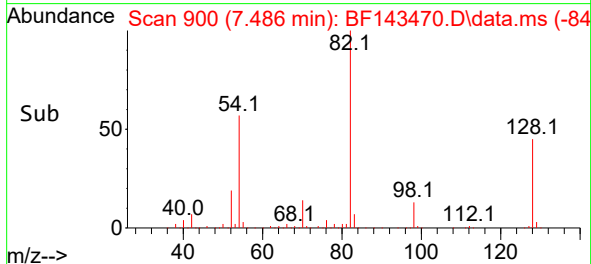
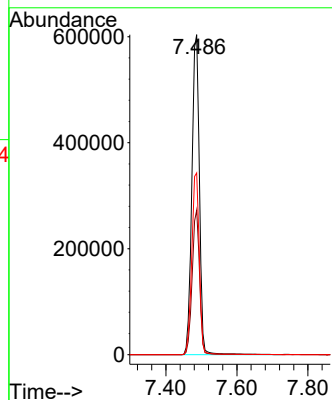
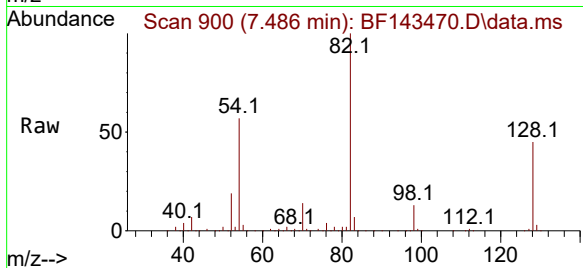




#23
 Nitrobenzene-d5
 Concen: 96.813 ng
 RT: 7.486 min Scan# 900
 Delta R.T. -0.000 min
 Lab File: BF143470.D
 Acq: 19 Aug 2025 22:48

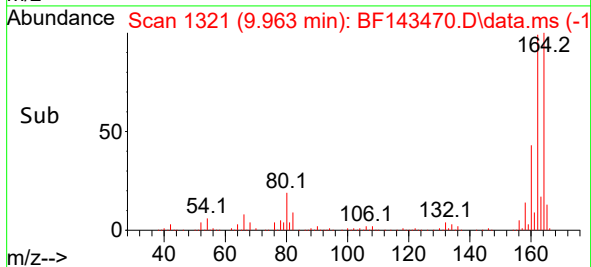
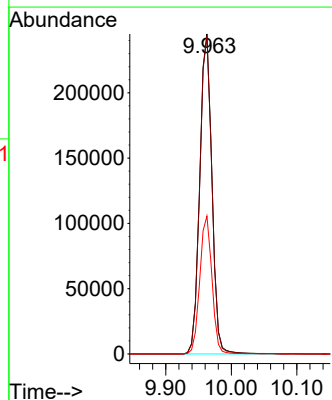
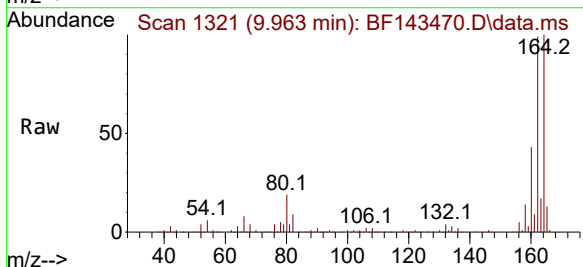
Instrument :
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 ClientSampleId :
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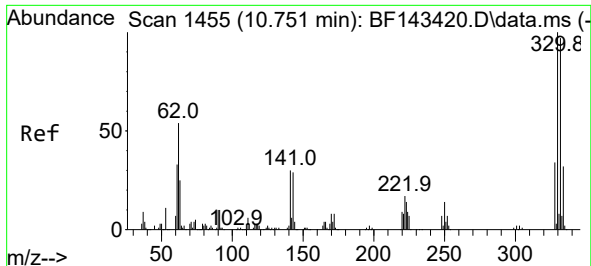
Tgt Ion: 82 Resp: 891151
 Ion Ratio Lower Upper
 82 100
 128 45.1 34.6 52.0
 54 56.8 46.0 69.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.963 min Scan# 1321
 Delta R.T. -0.000 min
 Lab File: BF143470.D
 Acq: 19 Aug 2025 22:48

Tgt Ion:164 Resp: 317168
 Ion Ratio Lower Upper
 164 100
 162 99.3 80.6 121.0
 160 43.1 34.6 51.8

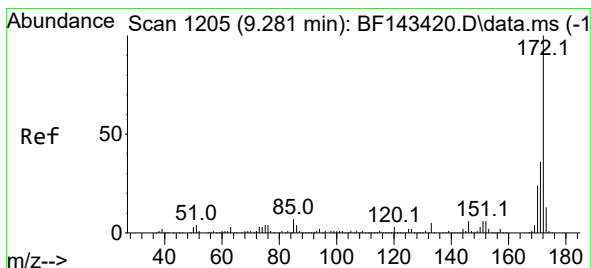
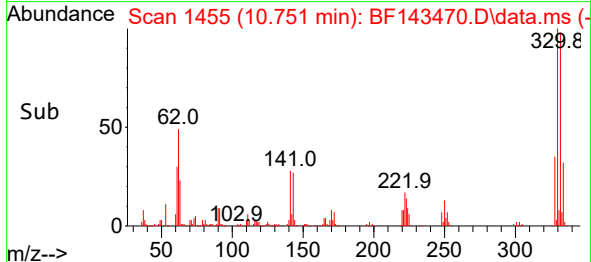
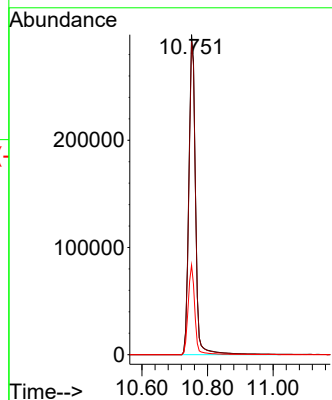
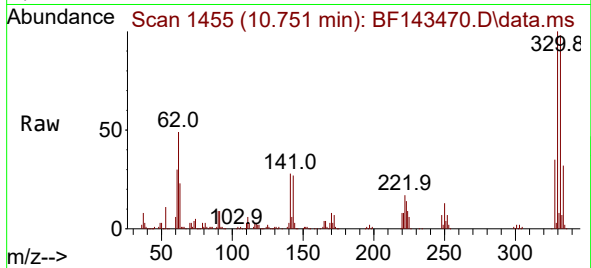




#42
 2,4,6-Tribromophenol
 Concen: 148.018 ng
 RT: 10.751 min Scan# 1455
 Delta R.T. -0.000 min
 Lab File: BF143470.D
 Acq: 19 Aug 2025 22:48

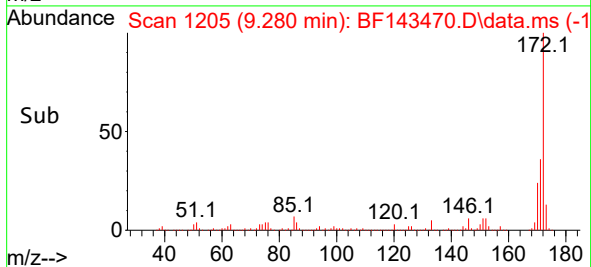
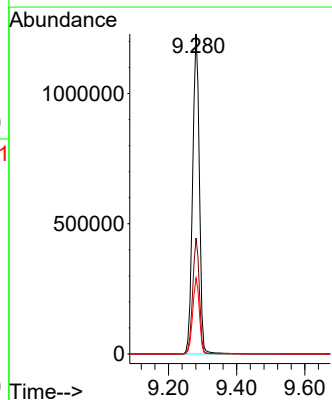
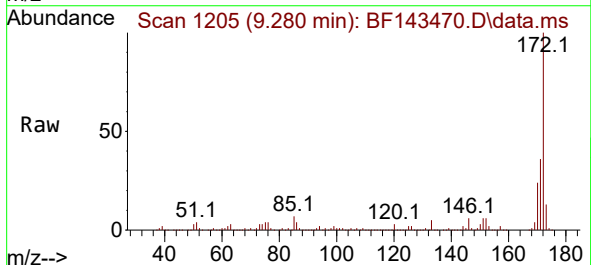
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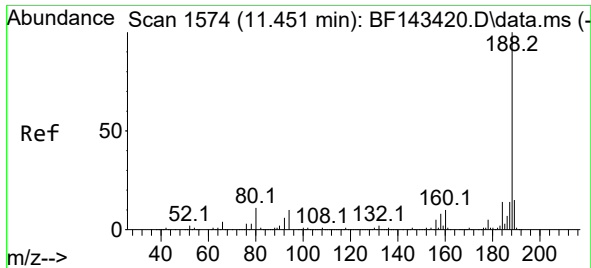
Tgt Ion:330 Resp: 417860
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 28.1 24.1 36.1



#45
 2-Fluorobiphenyl
 Concen: 89.423 ng
 RT: 9.280 min Scan# 1205
 Delta R.T. -0.000 min
 Lab File: BF143470.D
 Acq: 19 Aug 2025 22:48

Tgt Ion:172 Resp: 1686227
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.7 43.1
 170 23.7 19.0 28.6

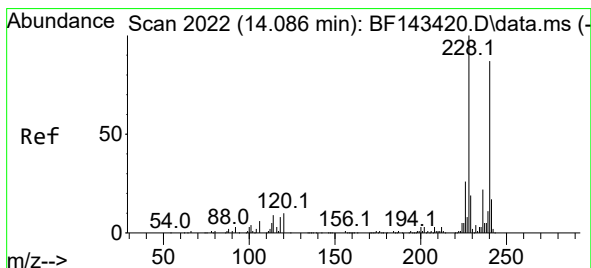
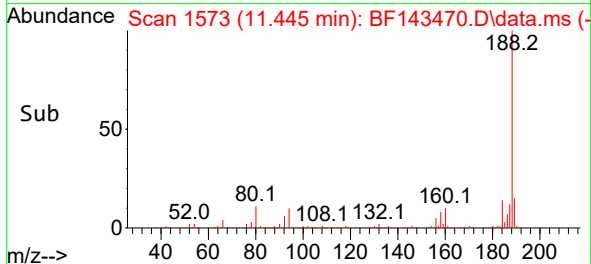
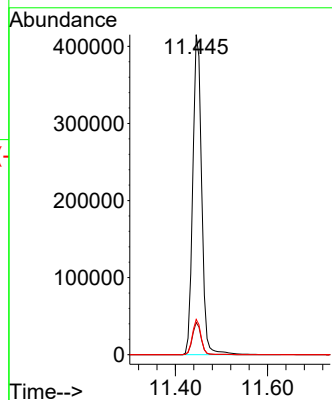
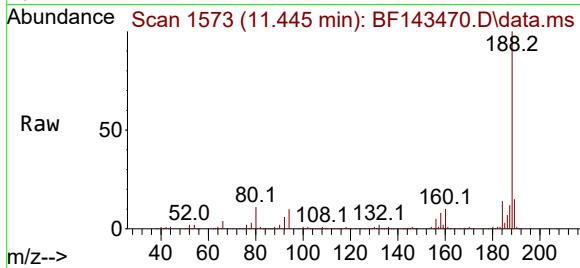




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143470.D
Acq: 19 Aug 2025 22:48

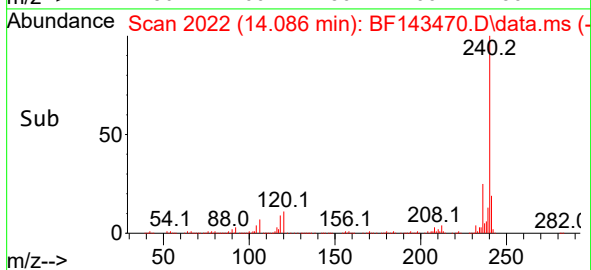
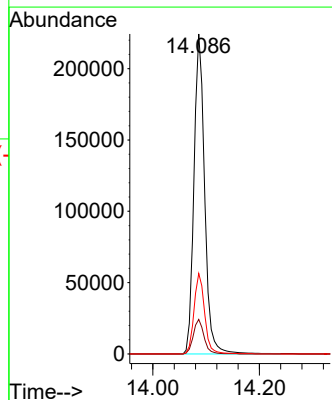
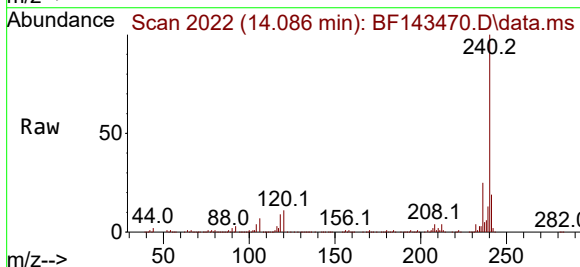
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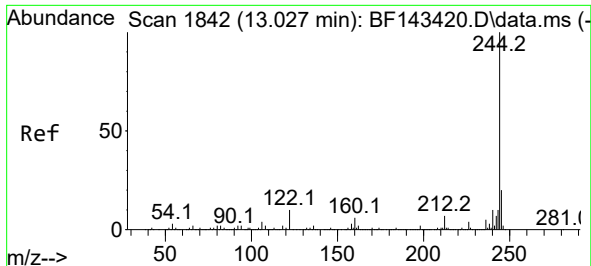
Tgt Ion:188 Resp: 553751
Ion Ratio Lower Upper
188 100
94 10.1 8.0 12.0
80 11.1 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF143470.D
Acq: 19 Aug 2025 22:48

Tgt Ion:240 Resp: 313579
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.4
236 25.2 20.2 30.2

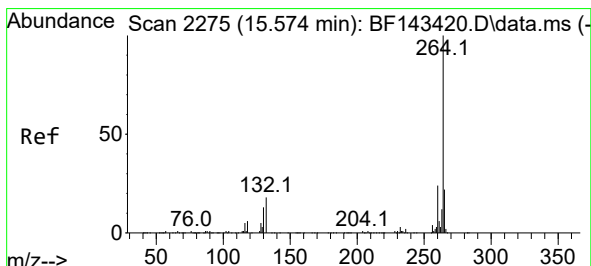
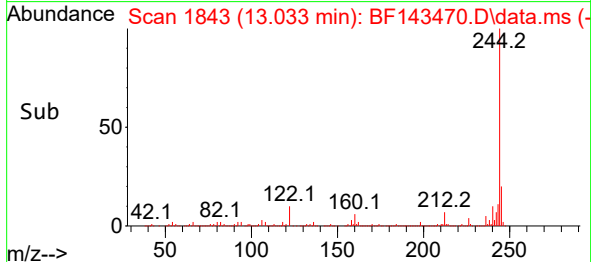
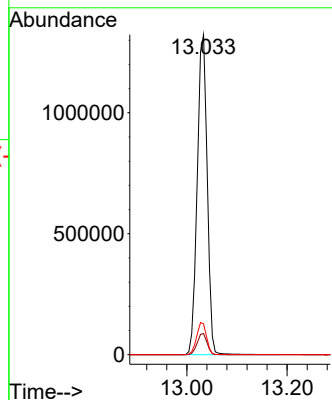
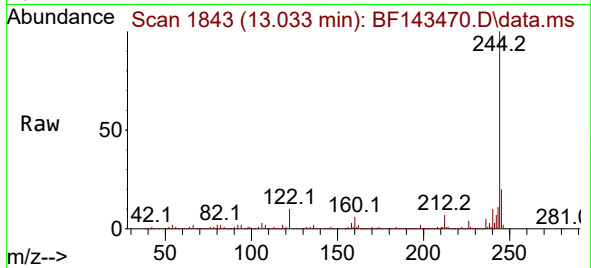




#79
 Terphenyl-d14
 Concen: 97.612 ng
 RT: 13.033 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF143470.D
 Acq: 19 Aug 2025 22:48

Instrument :
 BNA_F
 ClientSampleId :
 PB169291TB

Tgt Ion:244 Resp: 1822119
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.2 7.8
 122 9.6 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2276
 Delta R.T. 0.006 min
 Lab File: BF143470.D
 Acq: 19 Aug 2025 22:48

Tgt Ion:264 Resp: 292011
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 21.2 17.4 26.0

