

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
 Data File : BF143385.D
 Acq On : 14 Aug 2025 16:55
 Operator : RC/JU
 Sample : Q2814-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-518R-W

Quant Time: Aug 14 17:15:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 2025
 Response via : Initial Calibration

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

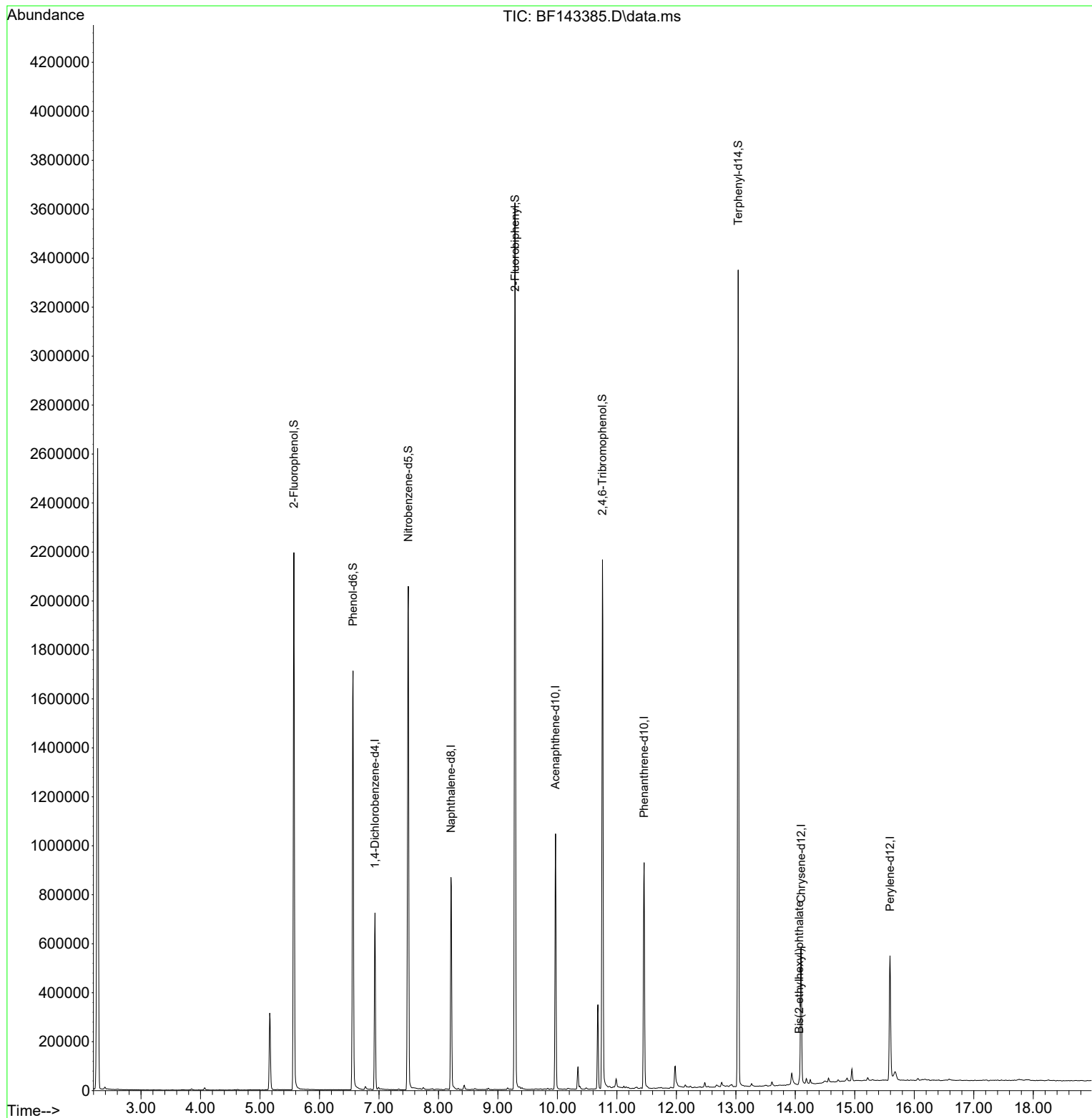
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	148956	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	569970	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	306937	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	479204	20.000	ng	0.00
76) Chrysene-d12	14.098	240	289175	20.000	ng	0.00
86) Perylene-d12	15.592	264	311077	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	791199	91.852	ng	0.00
7) Phenol-d6	6.563	99	792272	71.724	ng	0.00
23) Nitrobenzene-d5	7.492	82	967340	105.689	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	399785	178.224	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1640032	90.608	ng	0.00
79) Terphenyl-d14	13.039	244	1642362	101.398	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.068	149	9125	5.176	ng	Qvalue 96

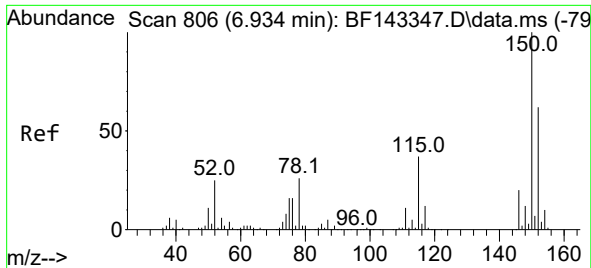
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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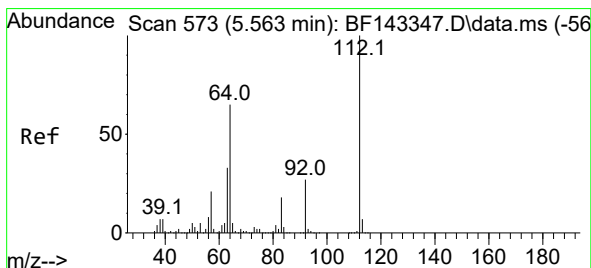
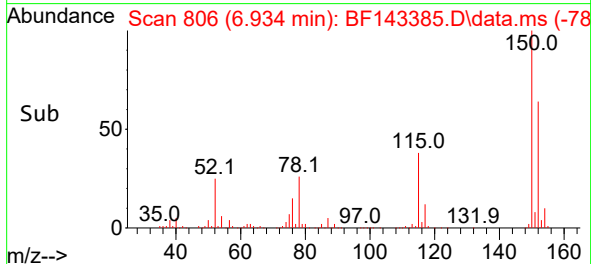
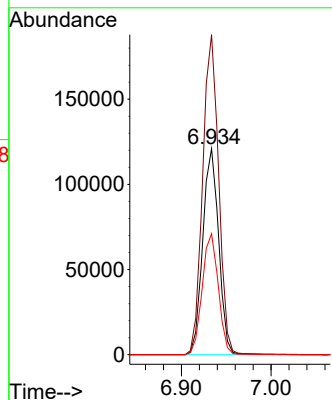
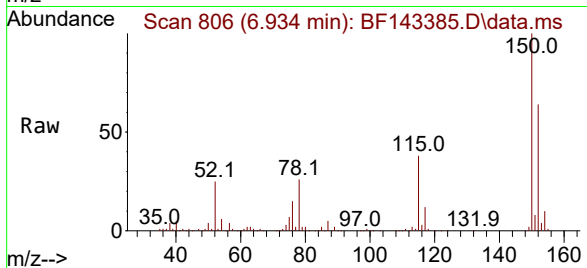




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF143385.D
Acq: 14 Aug 2025 16:55

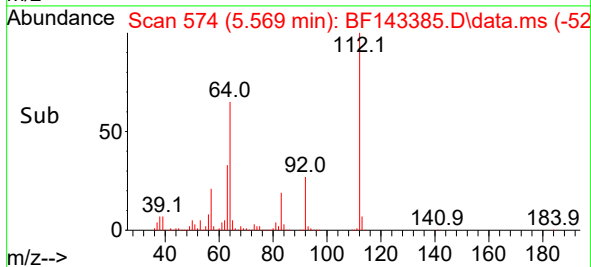
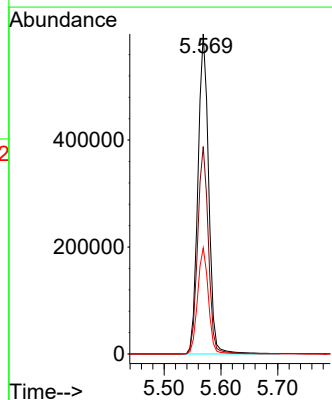
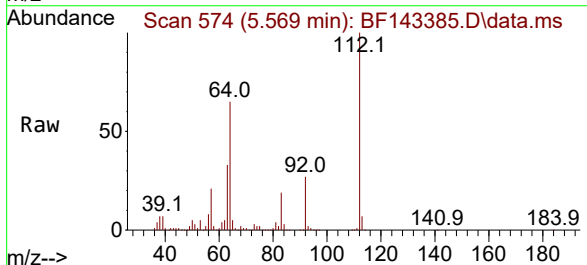
Instrument :
BNA_F
ClientSampleId :
TW-518R-W

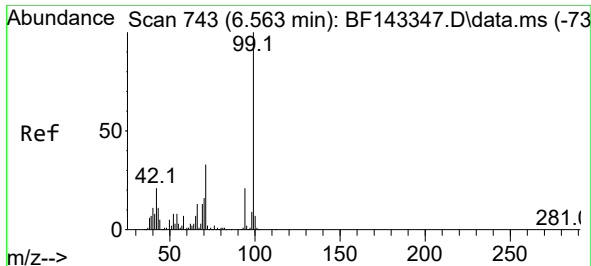
Tgt Ion:152 Resp: 148956
Ion Ratio Lower Upper
152 100
150 155.3 129.8 194.8
115 58.7 47.8 71.8



#5
2-Fluorophenol
Concen: 91.852 ng
RT: 5.569 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF143385.D
Acq: 14 Aug 2025 16:55

Tgt Ion:112 Resp: 791199
Ion Ratio Lower Upper
112 100
64 64.8 52.1 78.1
63 33.2 26.6 39.8

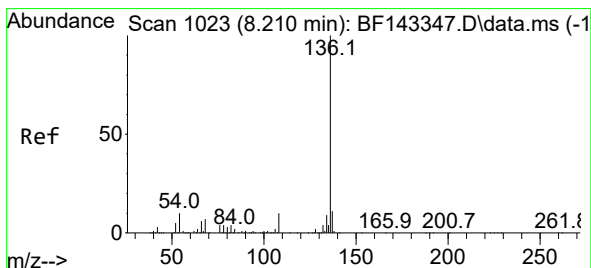
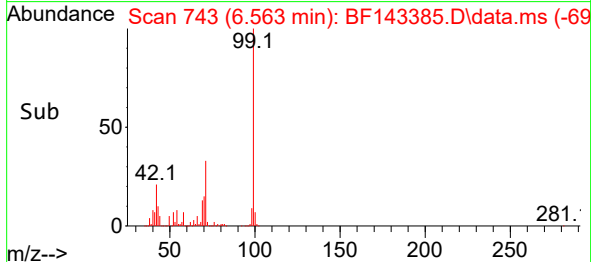
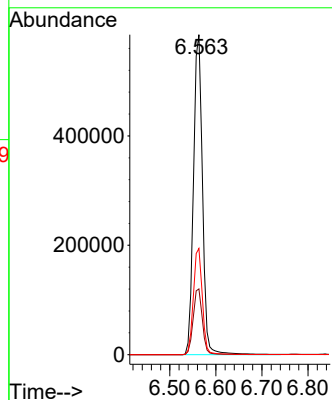
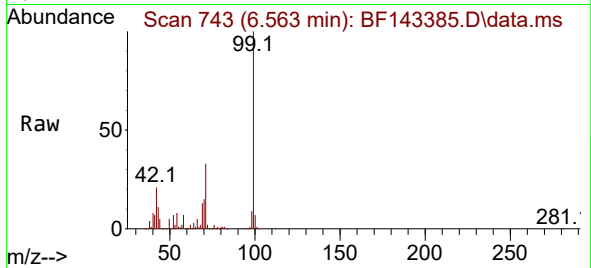




#7
Phenol-d6
Concen: 71.724 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF143385.D
Acq: 14 Aug 2025 16:55

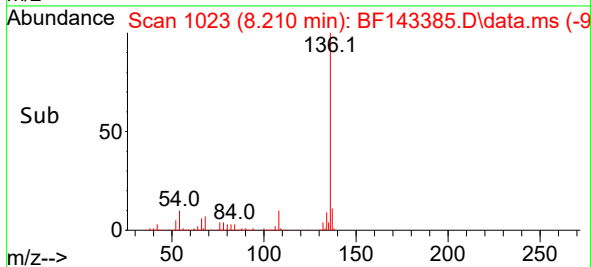
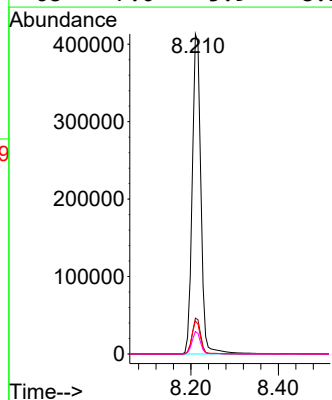
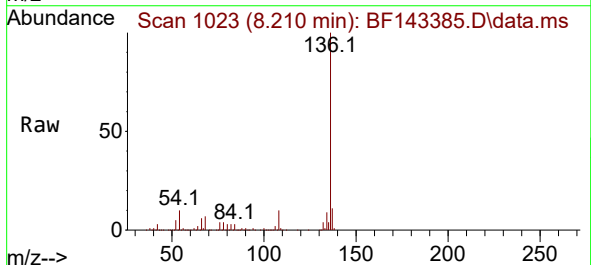
Instrument :
BNA_F
ClientSampleId :
TW-518R-W

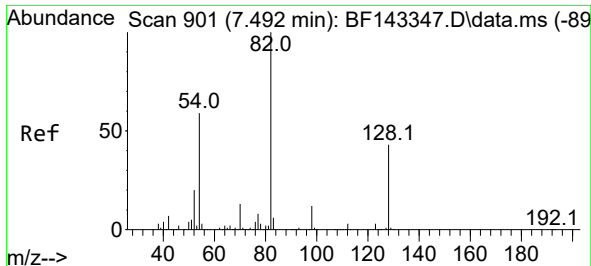
Tgt Ion: 99 Resp: 792272
Ion Ratio Lower Upper
99 100
42 20.6 16.6 25.0
71 33.2 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143385.D
Acq: 14 Aug 2025 16:55

Tgt Ion: 136 Resp: 569970
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 10.3 8.4 12.6
68 7.0 5.9 8.9





#23

Nitrobenzene-d5

Concen: 105.689 ng

RT: 7.492 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF143385.D

Acq: 14 Aug 2025 16:55

Instrument :

BNA_F

ClientSampleId :

TW-518R-W

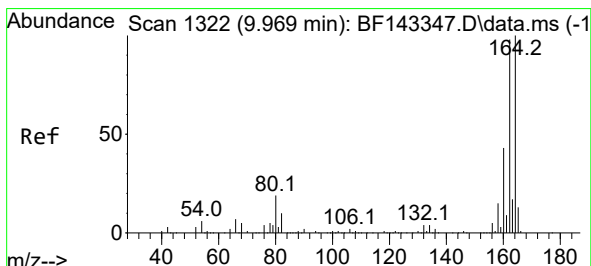
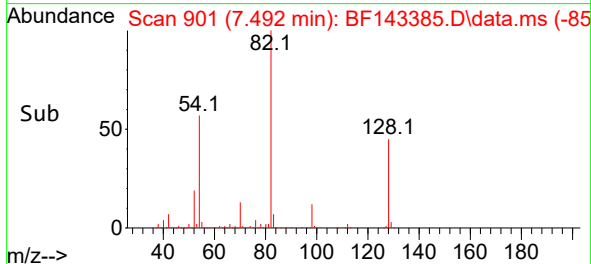
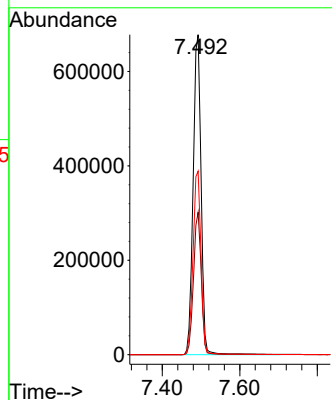
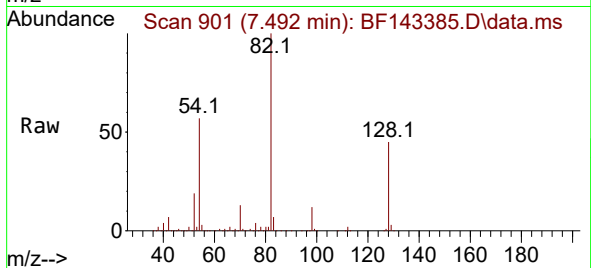
Tgt Ion: 82 Resp: 967340

Ion Ratio Lower Upper

82 100

128 44.5 33.5 50.3

54 57.4 46.7 70.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF143385.D

Acq: 14 Aug 2025 16:55

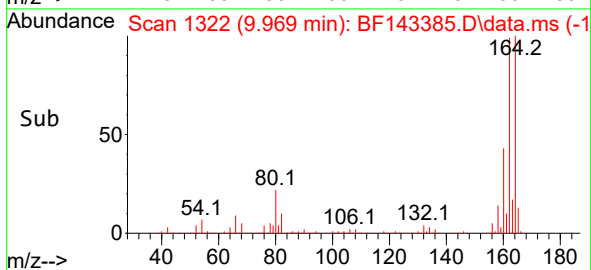
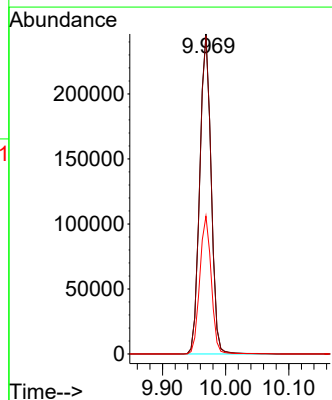
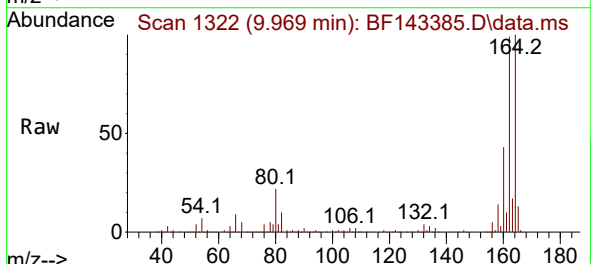
Tgt Ion: 164 Resp: 306937

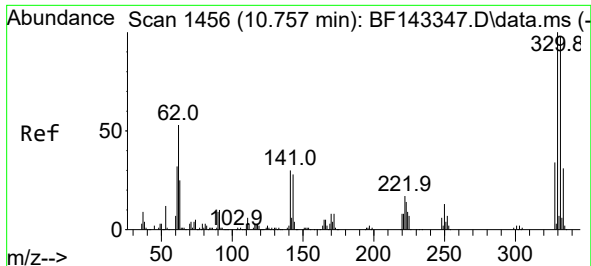
Ion Ratio Lower Upper

164 100

162 99.4 78.6 118.0

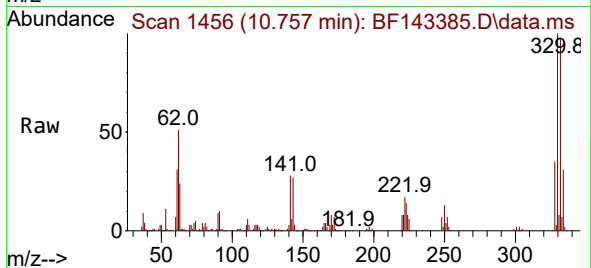
160 43.1 34.4 51.6



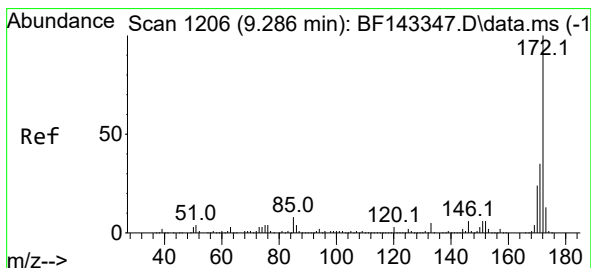
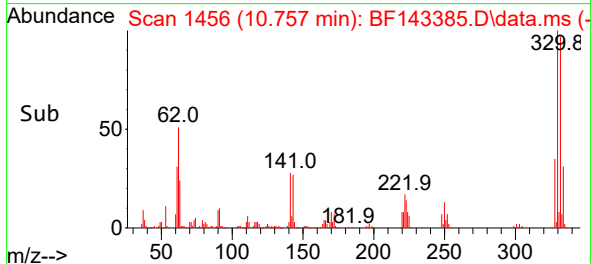
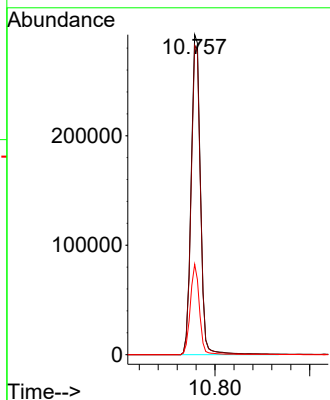


#42
2,4,6-Tribromophenol
Concen: 178.224 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF143385.D
Acq: 14 Aug 2025 16:55

Instrument :
BNA_F
ClientSampleId :
TW-518R-W

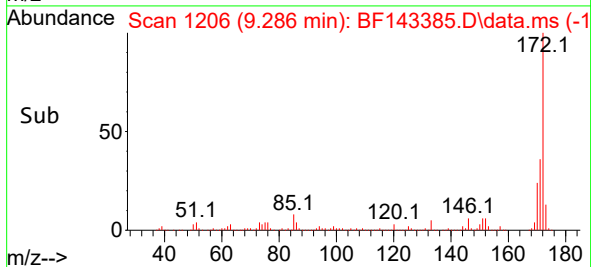
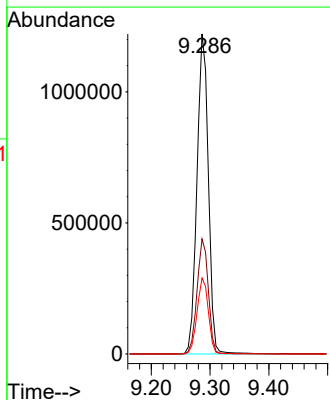
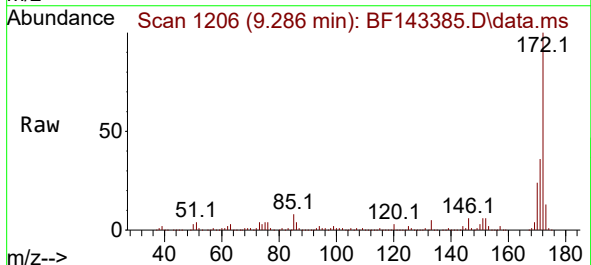


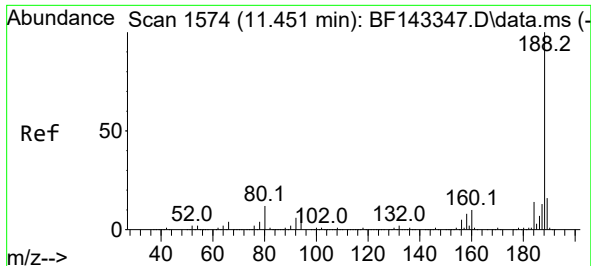
Tgt Ion:330 Resp: 399785
Ion Ratio Lower Upper
330 100
332 96.9 78.1 117.1
141 27.8 25.4 38.0



#45
2-Fluorobiphenyl
Concen: 90.608 ng
RT: 9.286 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF143385.D
Acq: 14 Aug 2025 16:55

Tgt Ion:172 Resp: 1640032
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 23.8 19.1 28.7

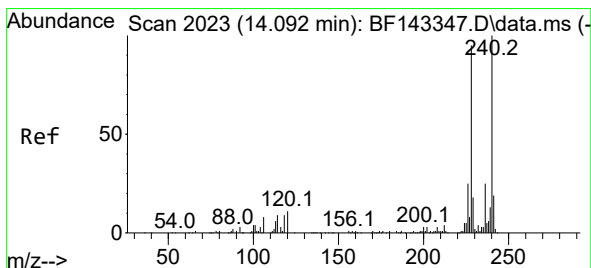
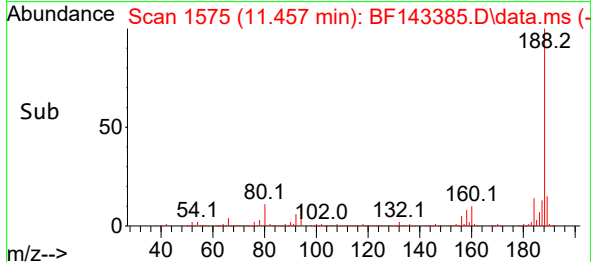
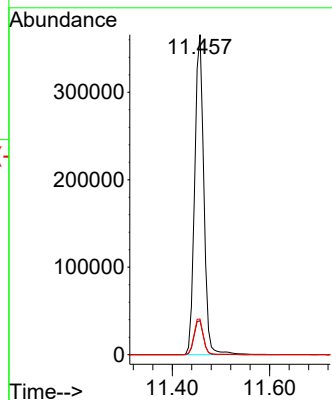
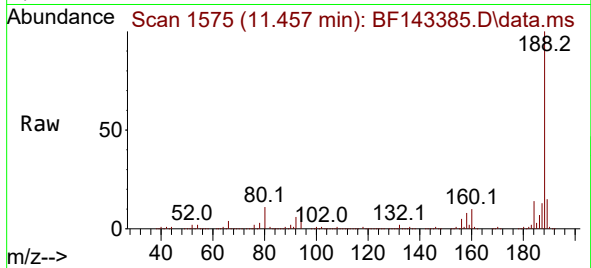




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143385.D
Acq: 14 Aug 2025 16:55

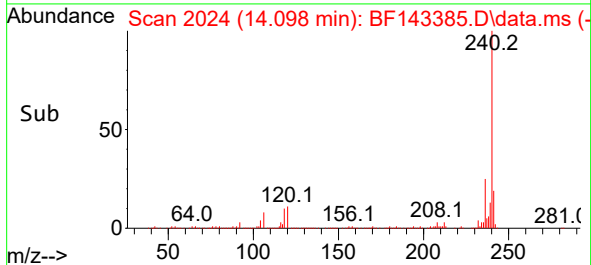
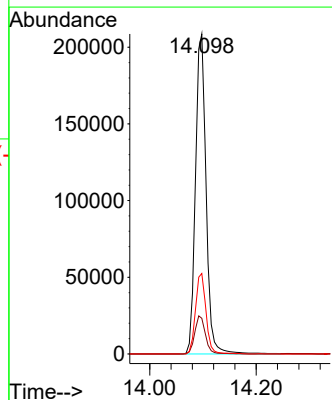
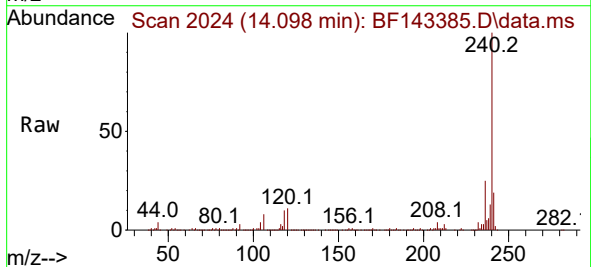
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ClientSampleId :
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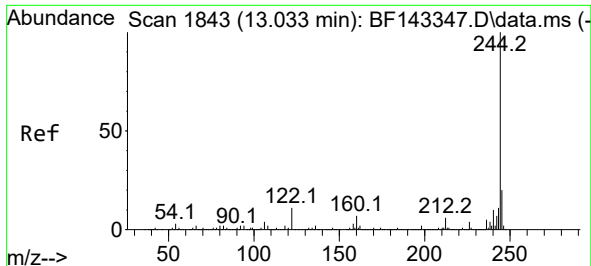
Tgt Ion:188 Resp: 479204
Ion Ratio Lower Upper
188 100
94 10.6 8.8 13.2
80 11.1 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF143385.D
Acq: 14 Aug 2025 16:55

Tgt Ion:240 Resp: 289175
Ion Ratio Lower Upper
240 100
120 11.2 9.0 13.6
236 25.1 19.9 29.9

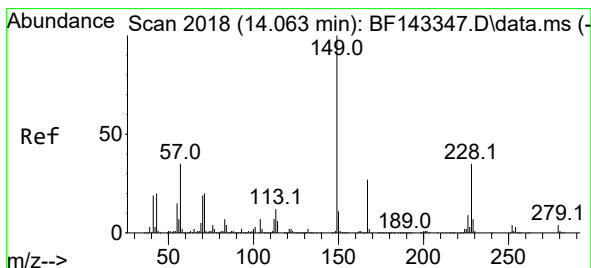
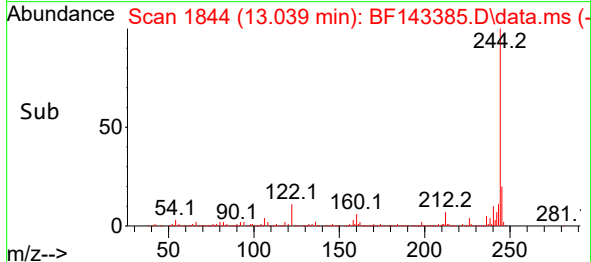
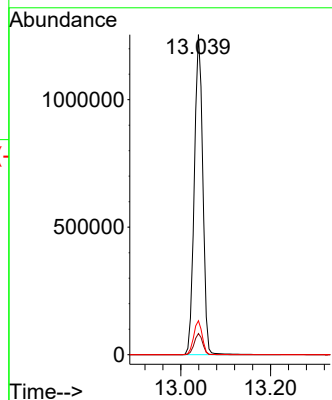
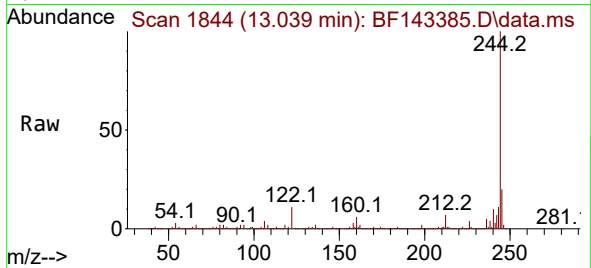




#79
 Terphenyl-d14
 Concen: 101.398 ng
 RT: 13.039 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF143385.D
 Acq: 14 Aug 2025 16:55

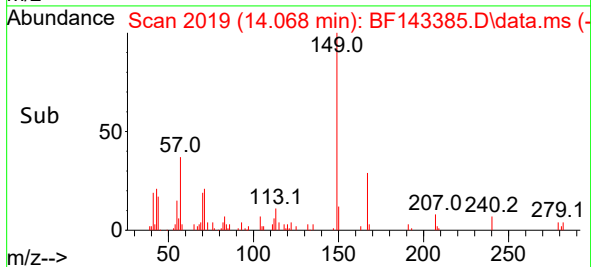
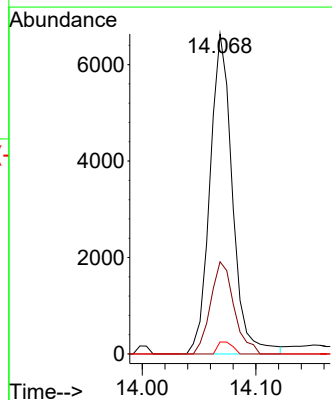
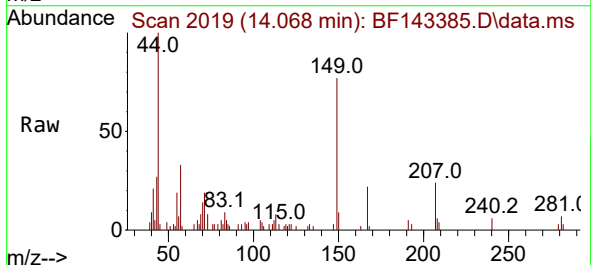
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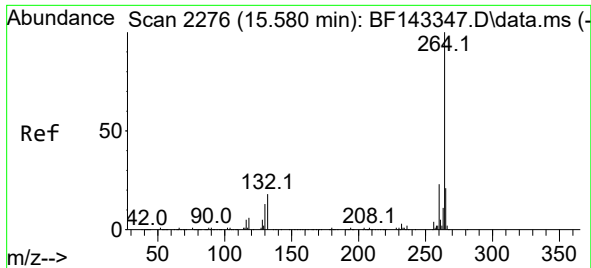
Tgt Ion:244 Resp: 1642362
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 10.6 8.9 13.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.176 ng
 RT: 14.068 min Scan# 2019
 Delta R.T. 0.005 min
 Lab File: BF143385.D
 Acq: 14 Aug 2025 16:55

Tgt Ion:149 Resp: 9125
 Ion Ratio Lower Upper
 149 100
 167 28.8 21.4 32.0
 279 3.7 3.2 4.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.592 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF143385.D
 Acq: 14 Aug 2025 16:55

Instrument :
 BNA_F
 ClientSampleId :
 TW-518R-W

Tgt Ion:264 Resp: 311077
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 21.6 17.2 25.8

