

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
 Data File : BF143121.D
 Acq On : 16 Jul 2025 21:39
 Operator : RC/JU
 Sample : Q2592-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-20250711

Quant Time: Jul 17 03:45:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 15 17:53:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	137278	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	517786	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	265739	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	451811	20.000	ng	0.00
76) Chrysene-d12	14.127	240	249471	20.000	ng	0.00
86) Perylene-d12	15.633	264	227071	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	892422	102.709	ng	0.02
7) Phenol-d6	6.581	99	1049480	96.090	ng	0.00
23) Nitrobenzene-d5	7.522	82	748497	81.094	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	322134	135.952	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1394625	69.762	ng	0.00
79) Terphenyl-d14	13.075	244	1268948	74.356	ng	0.00

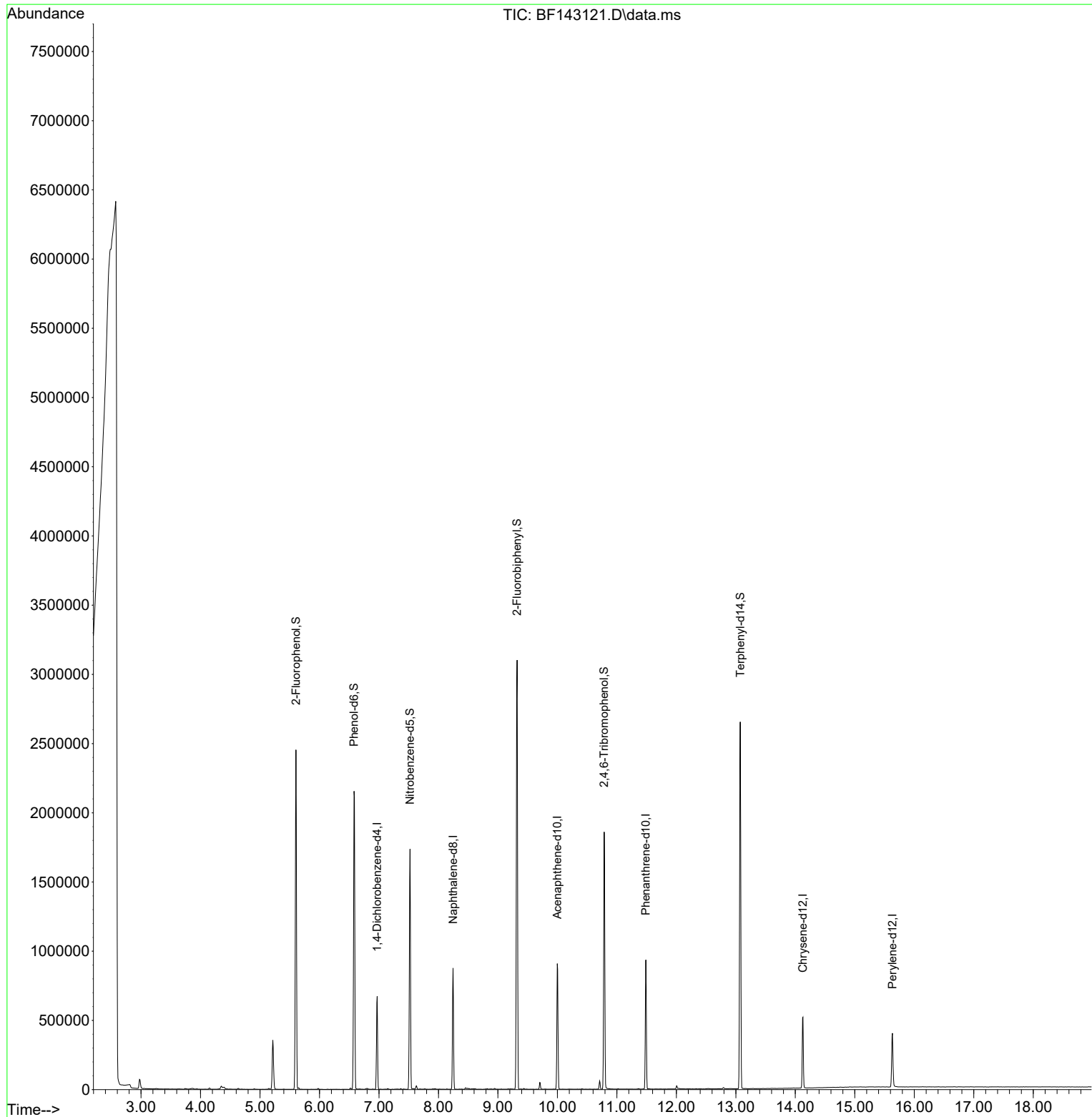
Target Compounds	Qvalue

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

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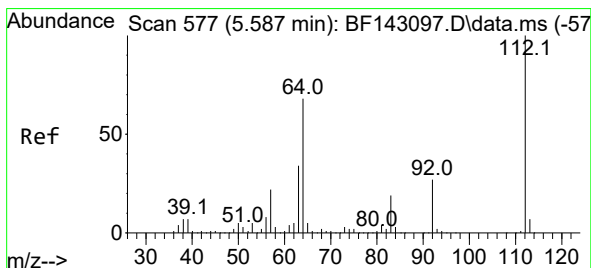
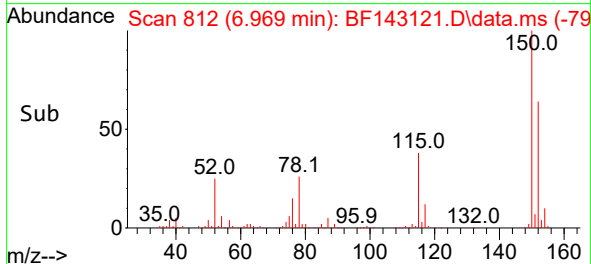
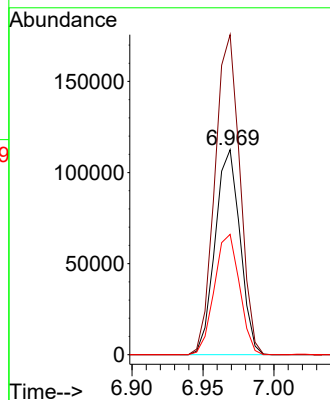
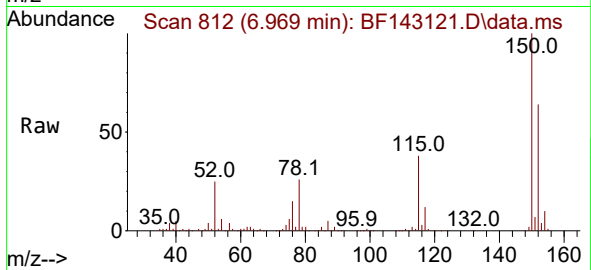




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF143121.D
Acq: 16 Jul 2025 21:39

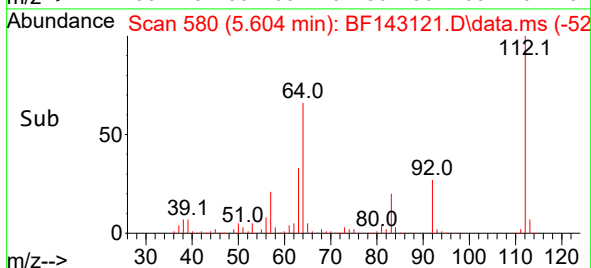
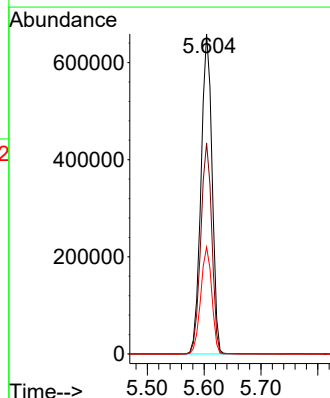
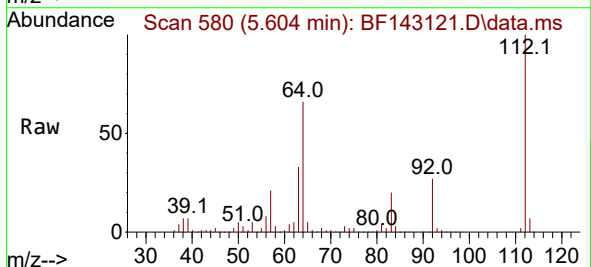
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20250711

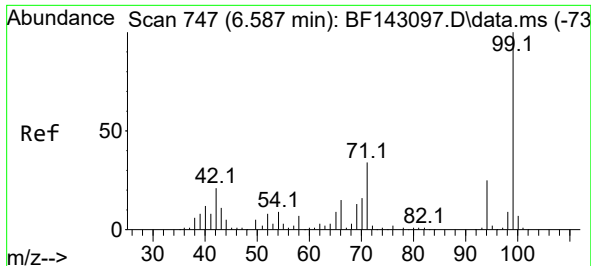
Tgt Ion:152 Resp: 137278
Ion Ratio Lower Upper
152 100
150 156.1 126.5 189.7
115 58.7 47.0 70.6



#5
2-Fluorophenol
Concen: 102.709 ng
RT: 5.604 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF143121.D
Acq: 16 Jul 2025 21:39

Tgt Ion:112 Resp: 892422
Ion Ratio Lower Upper
112 100
64 66.0 54.6 82.0
63 33.4 27.3 40.9

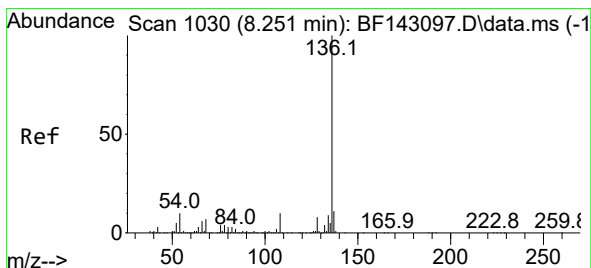
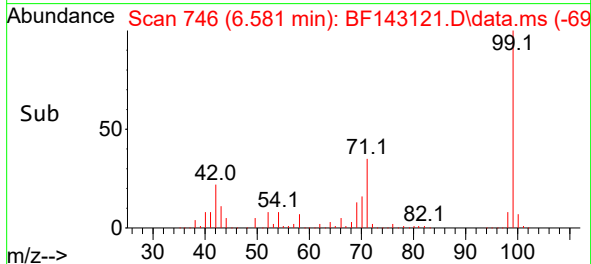
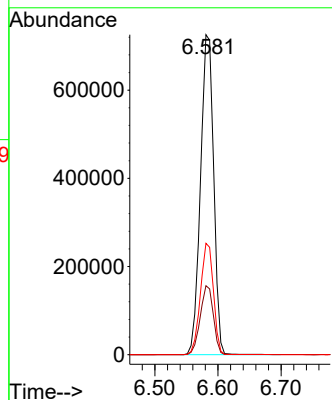
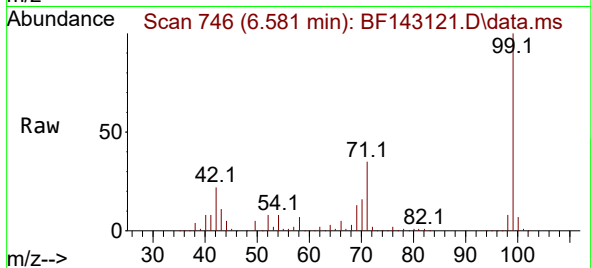




#7
Phenol-d6
Concen: 96.090 ng
RT: 6.581 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143121.D
Acq: 16 Jul 2025 21:39

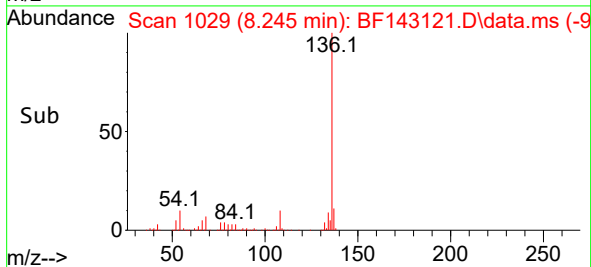
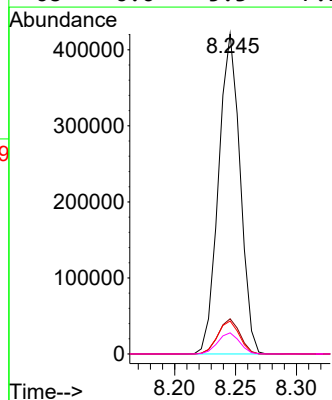
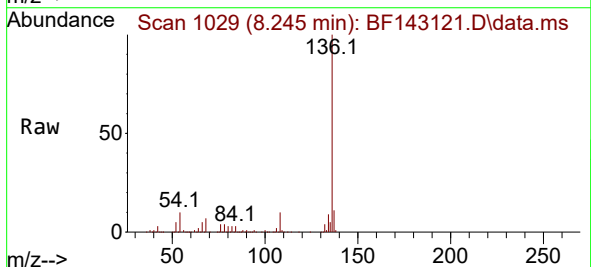
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20250711

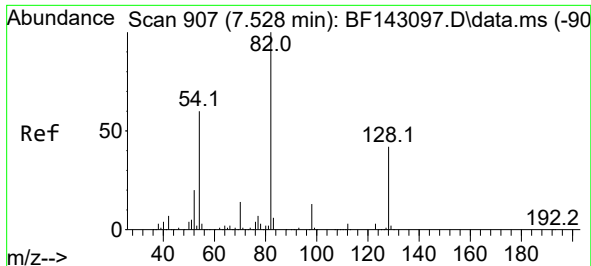
Tgt Ion: 99 Resp: 1049480
Ion Ratio Lower Upper
99 100
42 21.6 17.2 25.8
71 34.8 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF143121.D
Acq: 16 Jul 2025 21:39

Tgt Ion: 136 Resp: 517786
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 10.3 8.3 12.5
68 6.6 5.3 7.9





#23

Nitrobenzene-d5

Concen: 81.094 ng

RT: 7.522 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF143121.D

Acq: 16 Jul 2025 21:39

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20250711

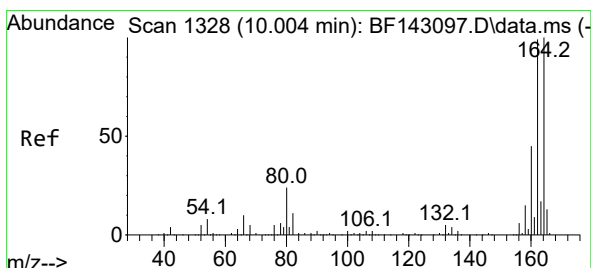
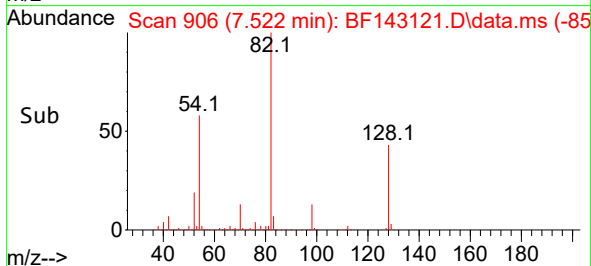
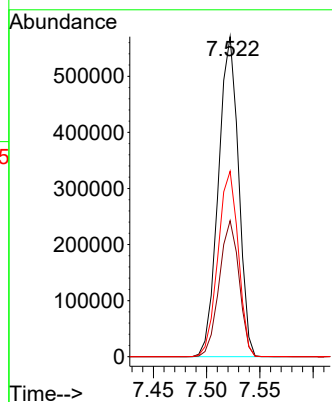
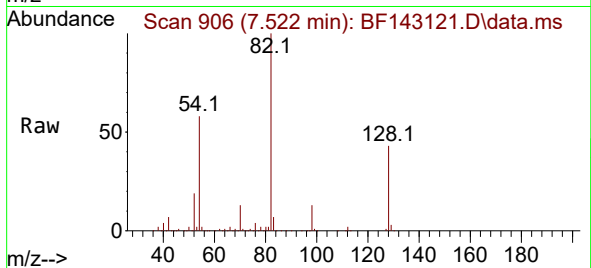
Tgt Ion: 82 Resp: 748497

Ion Ratio Lower Upper

82 100

128 42.5 33.3 49.9

54 58.0 47.4 71.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF143121.D

Acq: 16 Jul 2025 21:39

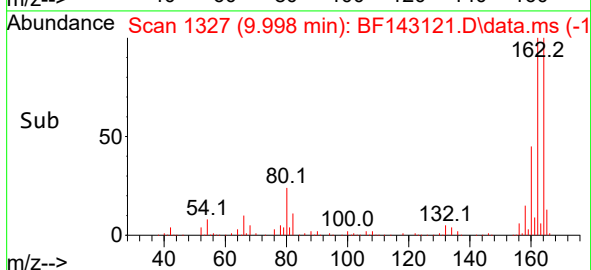
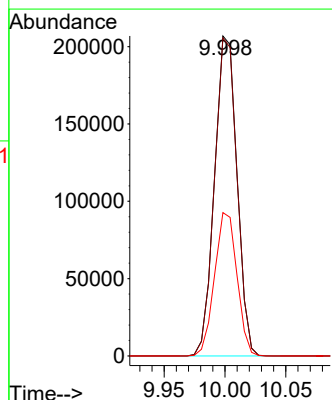
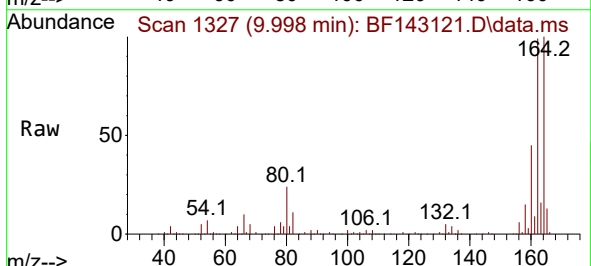
Tgt Ion: 164 Resp: 265739

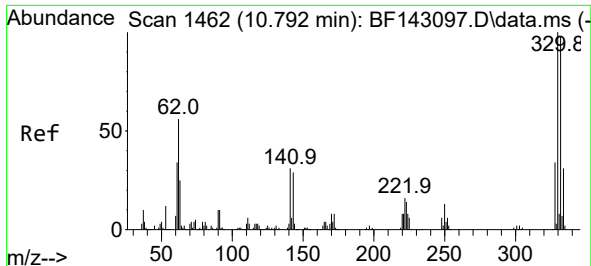
Ion Ratio Lower Upper

164 100

162 99.4 79.0 118.6

160 44.8 35.8 53.6

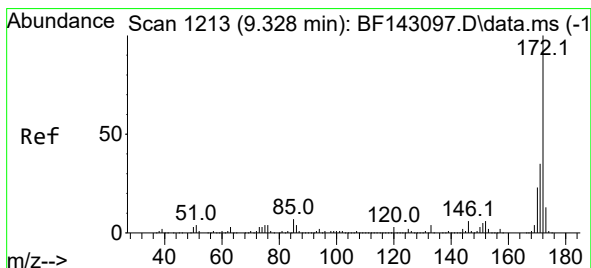
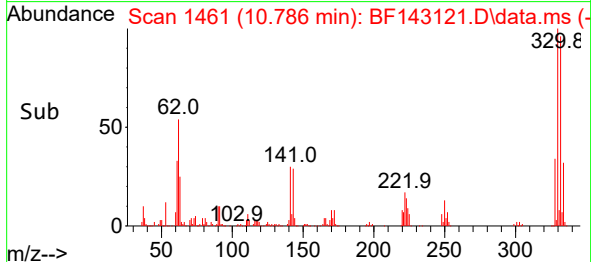
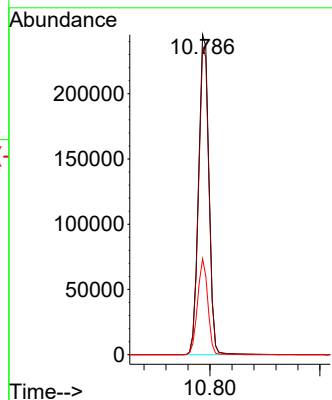
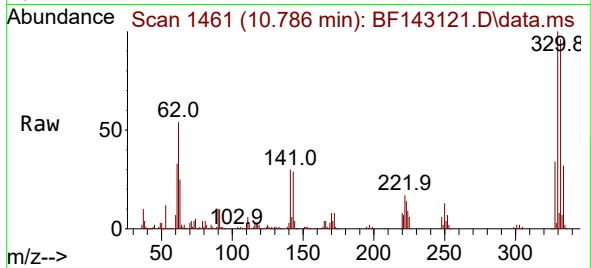




#42
 2,4,6-Tribromophenol
 Concen: 135.952 ng
 RT: 10.786 min Scan# 1461
 Delta R.T. -0.006 min
 Lab File: BF143121.D
 Acq: 16 Jul 2025 21:39

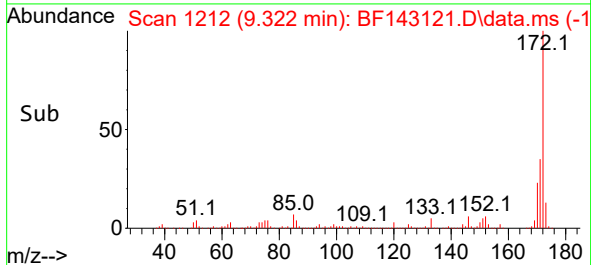
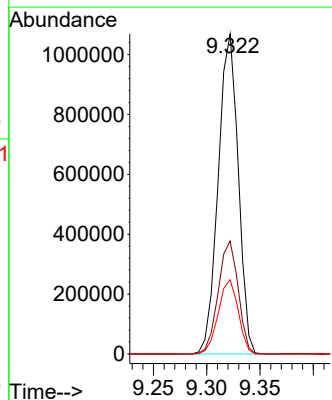
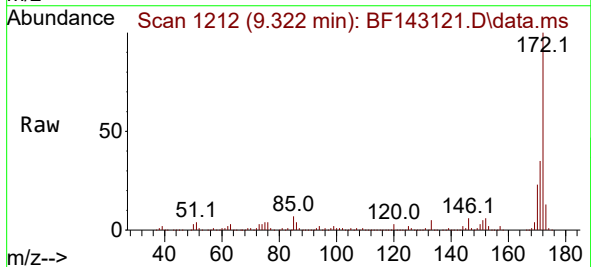
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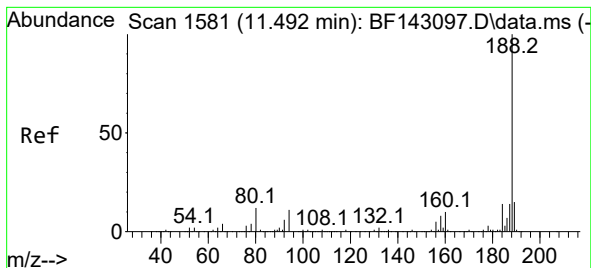
Tgt Ion:330 Resp: 322134
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.9 116.9
 141 29.4 25.9 38.9



#45
 2-Fluorobiphenyl
 Concen: 69.762 ng
 RT: 9.322 min Scan# 1212
 Delta R.T. -0.006 min
 Lab File: BF143121.D
 Acq: 16 Jul 2025 21:39

Tgt Ion:172 Resp: 1394625
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.2 42.4
 170 23.2 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143121.D

Acq: 16 Jul 2025 21:39

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20250711

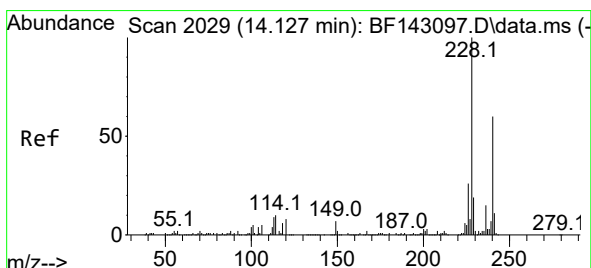
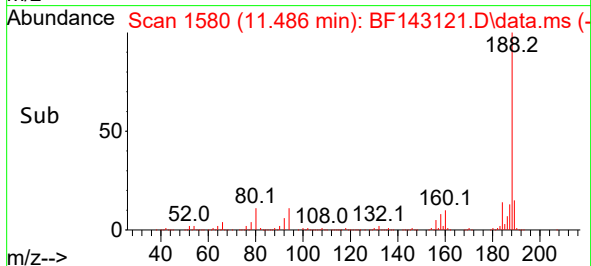
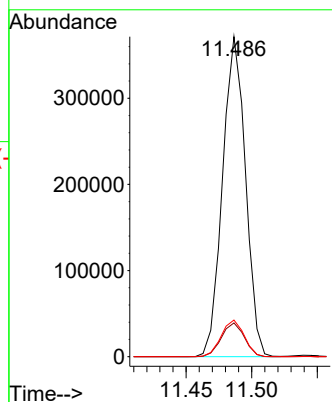
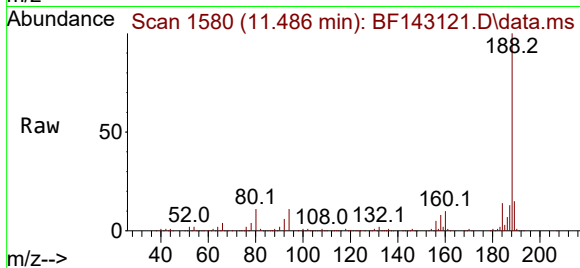
Tgt Ion:188 Resp: 451811

Ion Ratio Lower Upper

188 100

94 10.6 8.6 13.0

80 11.5 9.3 13.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF143121.D

Acq: 16 Jul 2025 21:39

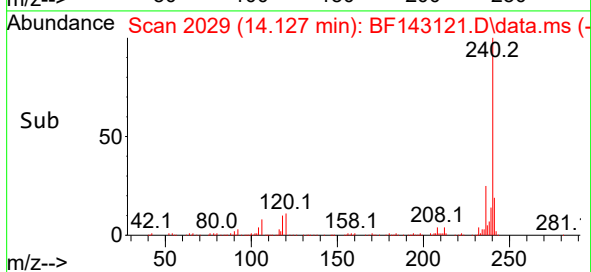
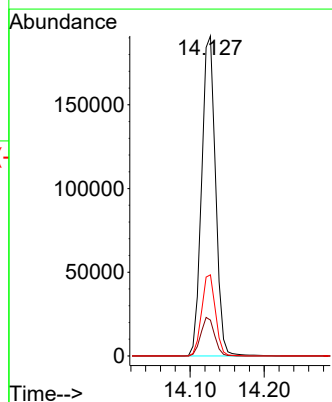
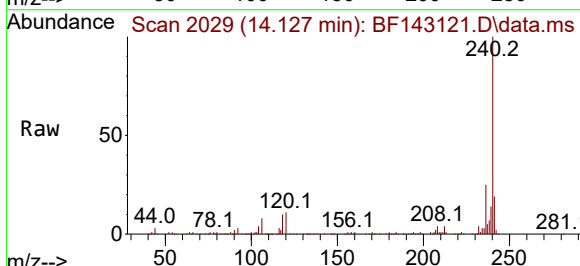
Tgt Ion:240 Resp: 249471

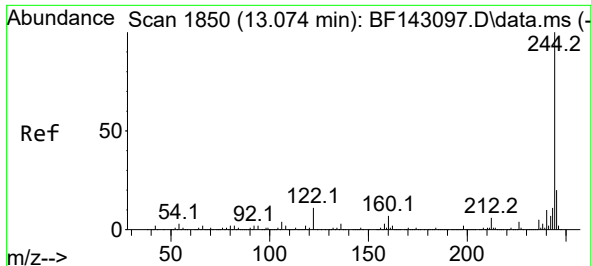
Ion Ratio Lower Upper

240 100

120 11.2 10.0 15.0

236 25.3 20.0 30.0

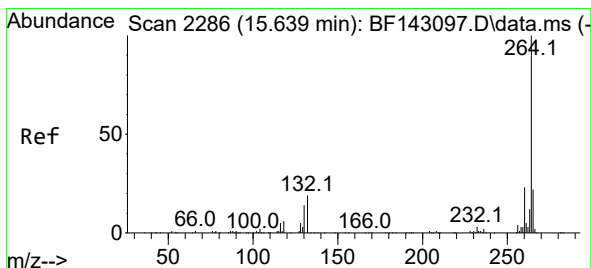
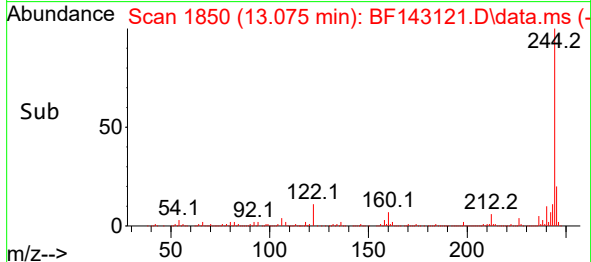
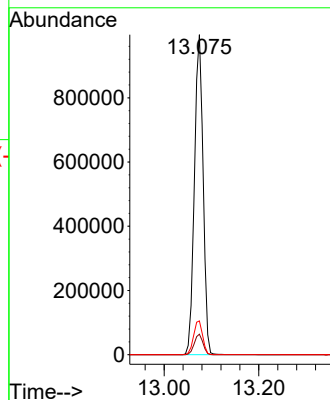
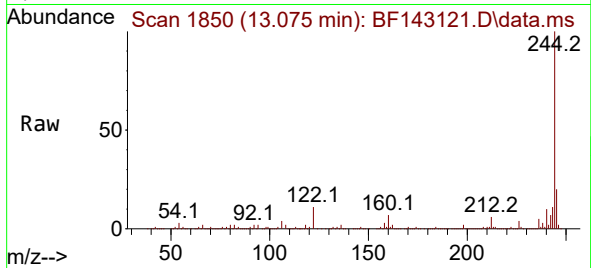




#79
Terphenyl-d14
Concen: 74.356 ng
RT: 13.075 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BF143121.D
Acq: 16 Jul 2025 21:39

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 1268948
Ion Ratio Lower Upper
244 100
212 6.4 5.2 7.8
122 10.5 8.8 13.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BF143121.D
Acq: 16 Jul 2025 21:39

Tgt Ion:264 Resp: 227071
Ion Ratio Lower Upper
264 100
260 23.0 18.5 27.7
265 21.1 17.5 26.3

