

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
 Data File : BF142379.D
 Acq On : 14 May 2025 21:35
 Operator : RC/JU
 Sample : Q2004-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCK

Quant Time: May 15 01:05:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

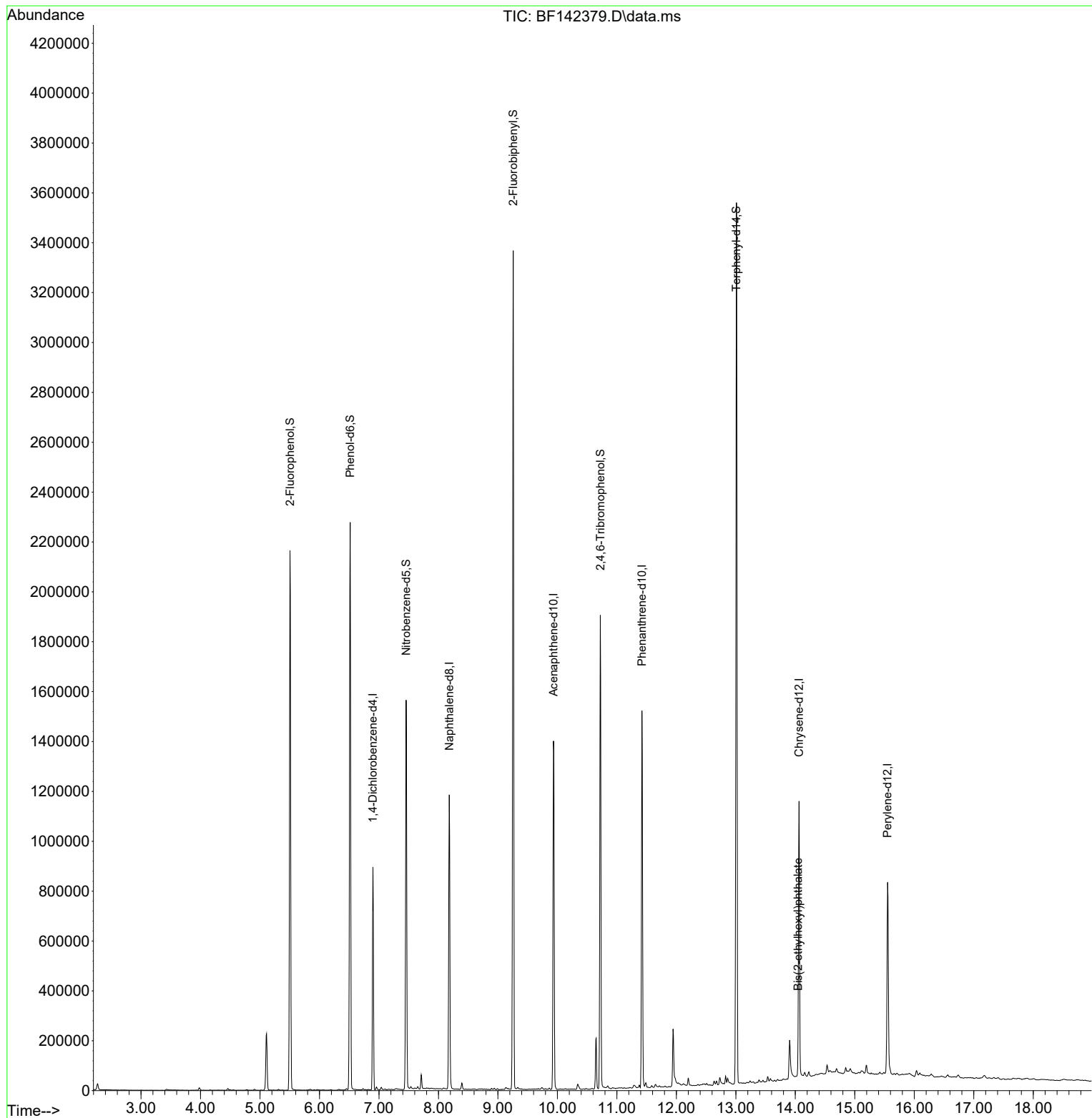
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	190119	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	751594	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	434455	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	777687	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	527172	20.000	ng	0.00
86) Perylene-d12	15.551	264	453790	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	838712	75.308	ng	0.00
7) Phenol-d6	6.516	99	1077900	78.692	ng	0.00
23) Nitrobenzene-d5	7.457	82	658988	53.473	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	338624	80.729	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1524287	50.027	ng	0.00
79) Terphenyl-d14	13.010	244	1754546	49.261	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.045	149	4817	4.483	ng	Qvalue # 96

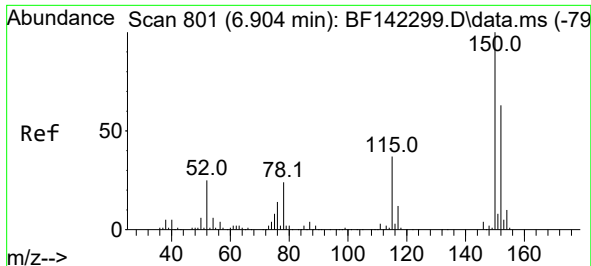
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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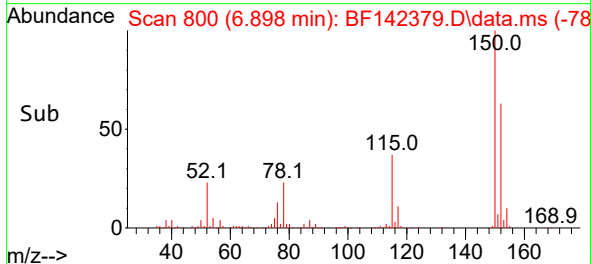
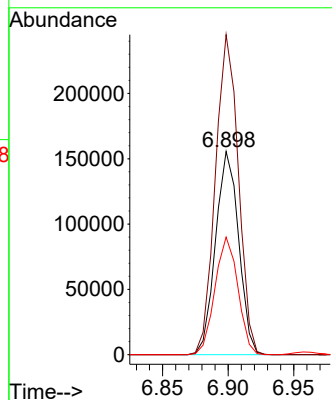
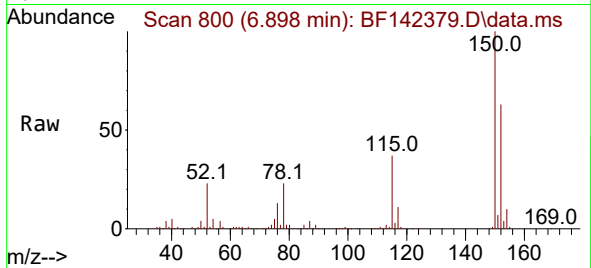




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142379.D
Acq: 14 May 2025 21:35

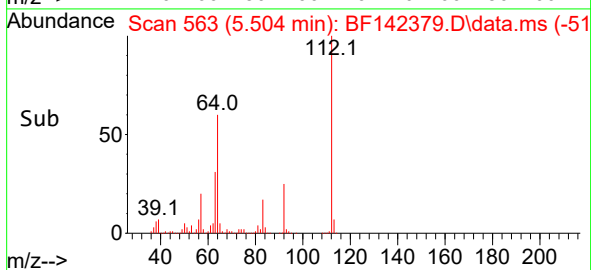
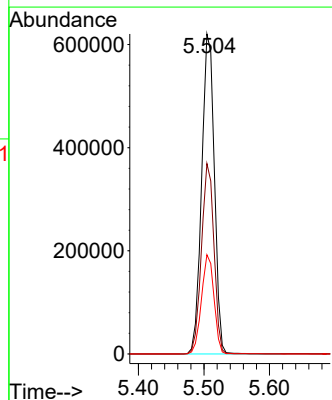
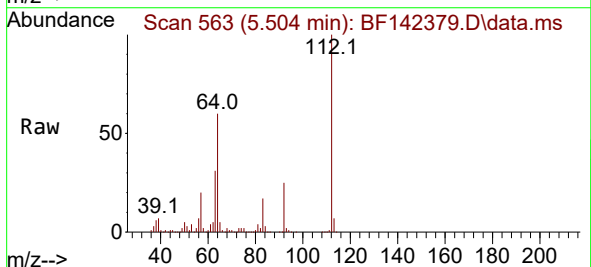
Instrument :
BNA_F
ClientSampleId :
SOIL-STOCK

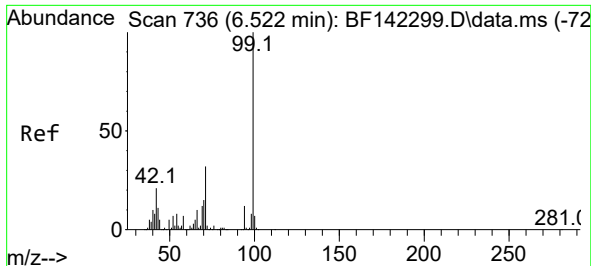
Tgt Ion:152 Resp: 190119
Ion Ratio Lower Upper
152 100
150 157.5 126.6 190.0
115 57.9 47.3 70.9



#5
2-Fluorophenol
Concen: 75.308 ng
RT: 5.504 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF142379.D
Acq: 14 May 2025 21:35

Tgt Ion:112 Resp: 838712
Ion Ratio Lower Upper
112 100
64 59.5 48.9 73.3
63 31.0 25.6 38.4

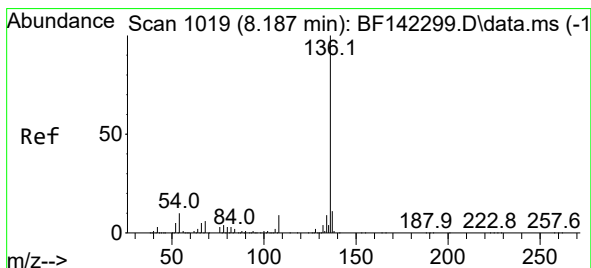
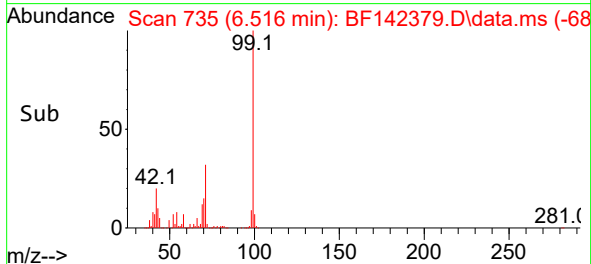
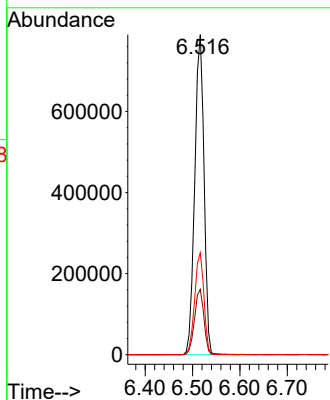
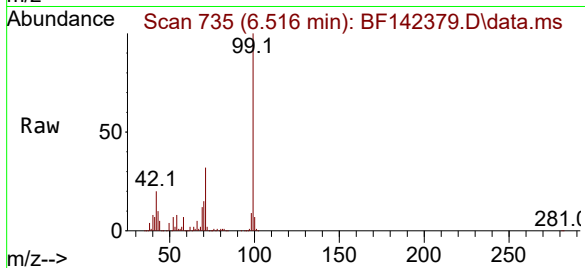




#7
Phenol-d6
Concen: 78.692 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142379.D
Acq: 14 May 2025 21:35

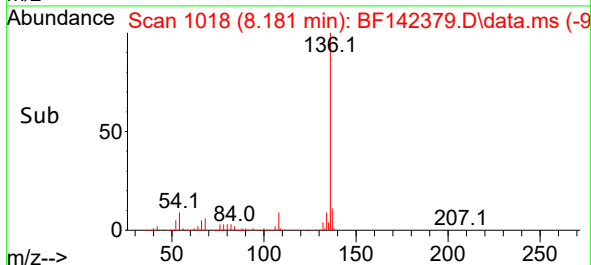
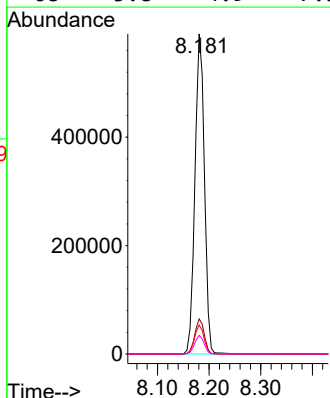
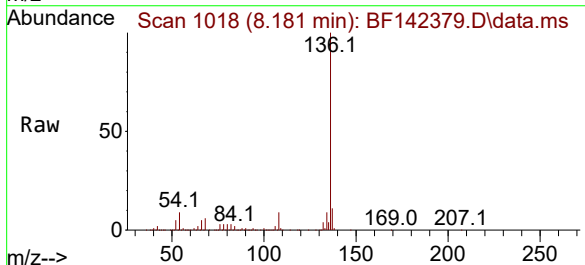
Instrument :
BNA_F
ClientSampleId :
SOIL-STOCK

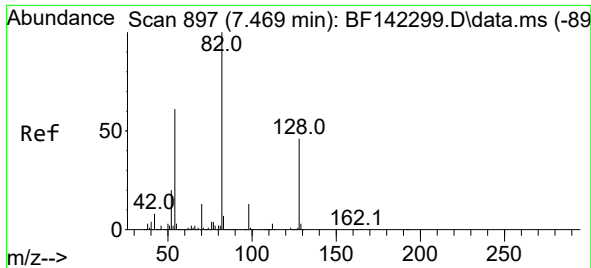
Tgt Ion: 99 Resp: 1077900
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.4
71 31.9 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142379.D
Acq: 14 May 2025 21:35

Tgt Ion: 136 Resp: 751594
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.1 7.7 11.5
68 5.8 4.9 7.3

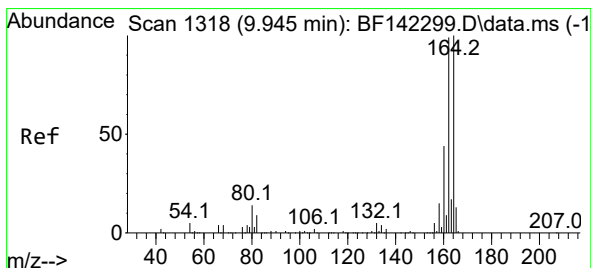
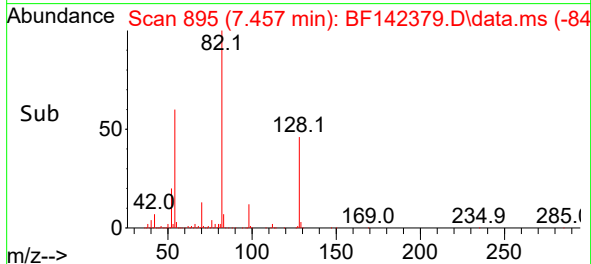
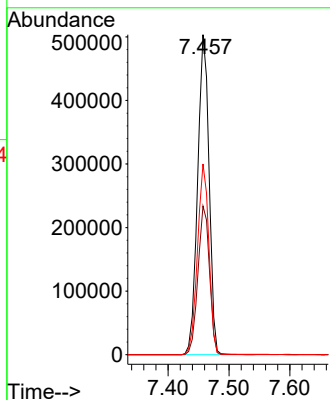
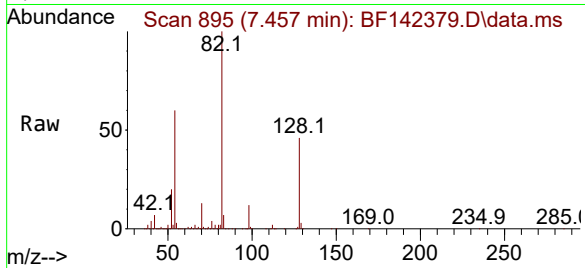




#23
Nitrobenzene-d5
Concen: 53.473 ng
RT: 7.457 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF142379.D
Acq: 14 May 2025 21:35

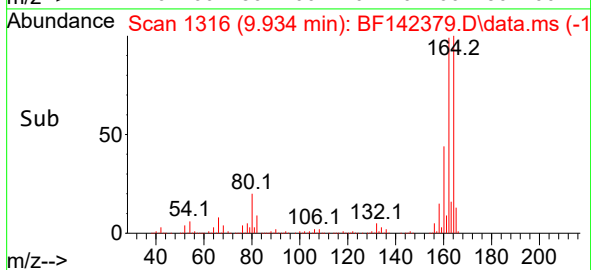
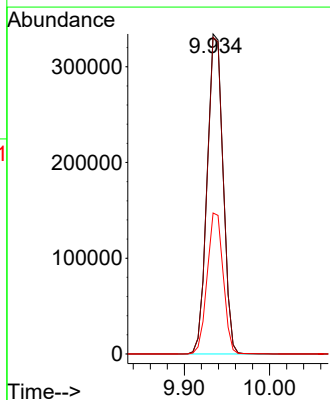
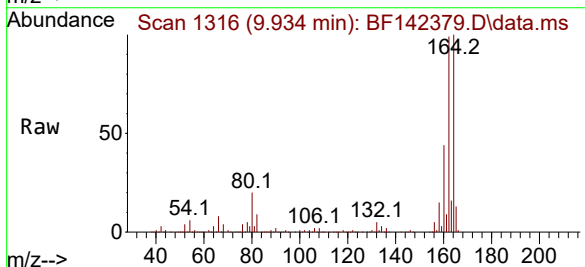
Instrument :
BNA_F
ClientSampleId :
SOIL-STOCK

Tgt Ion: 82 Resp: 658988
Ion Ratio Lower Upper
82 100
128 46.5 37.0 55.6
54 59.6 48.6 73.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1316
Delta R.T. -0.011 min
Lab File: BF142379.D
Acq: 14 May 2025 21:35

Tgt Ion: 164 Resp: 434455
Ion Ratio Lower Upper
164 100
162 98.9 79.2 118.8
160 44.1 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 80.729 ng

RT: 10.722 min Scan# 1450

Delta R.T. -0.012 min

Lab File: BF142379.D

Acq: 14 May 2025 21:35

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCK

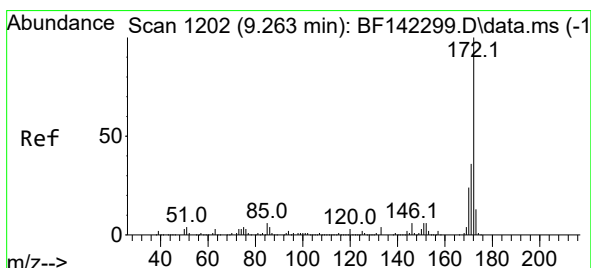
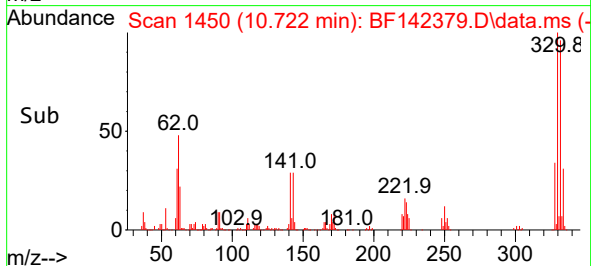
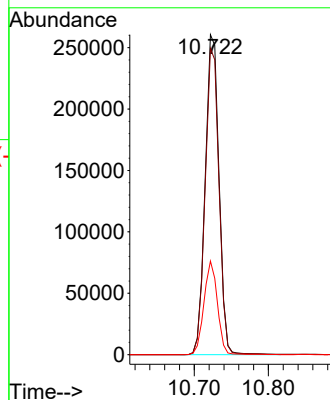
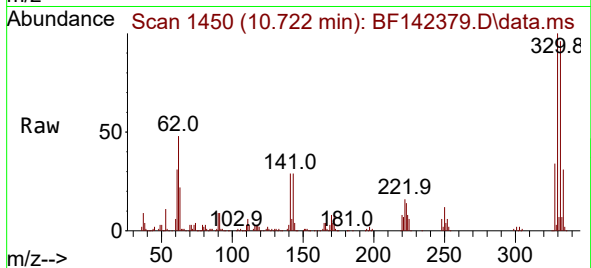
Tgt Ion:330 Resp: 338624

Ion Ratio Lower Upper

330 100

332 95.6 76.8 115.2

141 28.5 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 50.027 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF142379.D

Acq: 14 May 2025 21:35

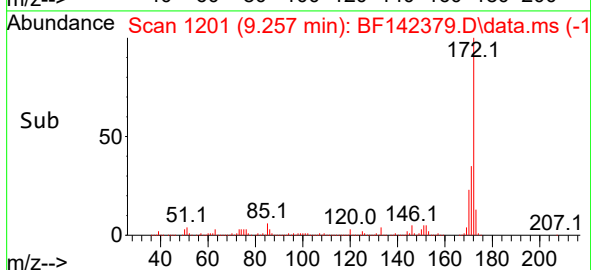
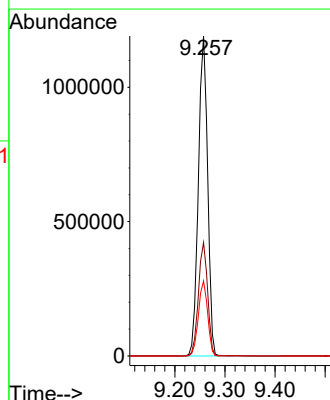
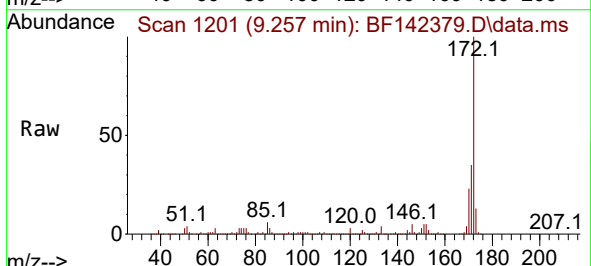
Tgt Ion:172 Resp: 1524287

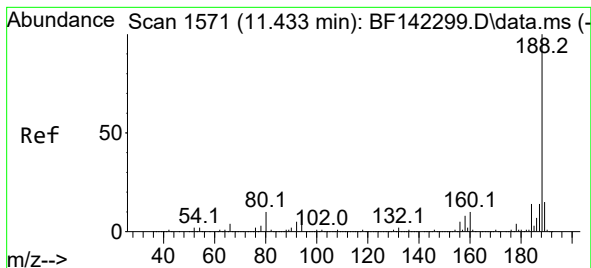
Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 23.4 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142379.D

Acq: 14 May 2025 21:35

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCK

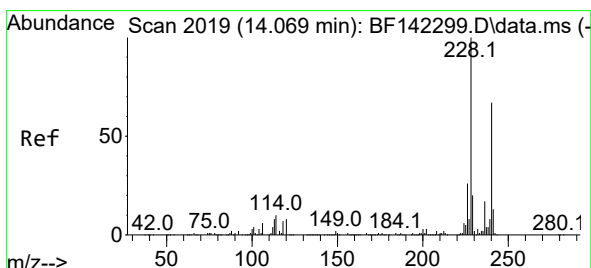
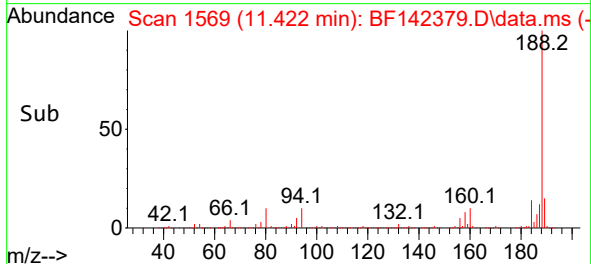
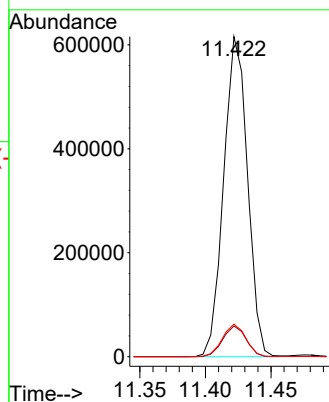
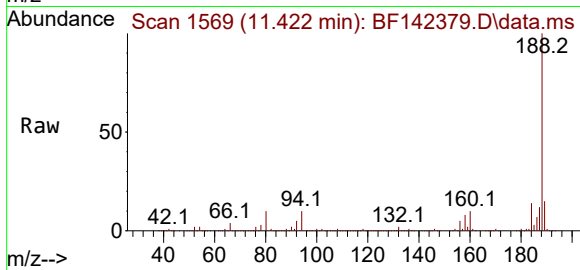
Tgt Ion:188 Resp: 777687

Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

80 10.2 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF142379.D

Acq: 14 May 2025 21:35

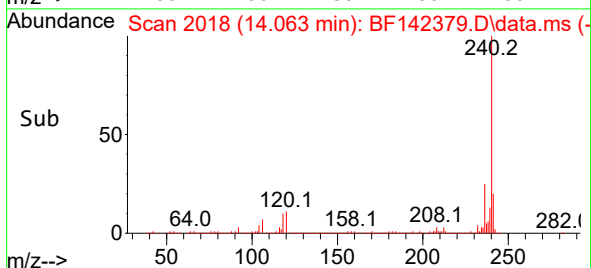
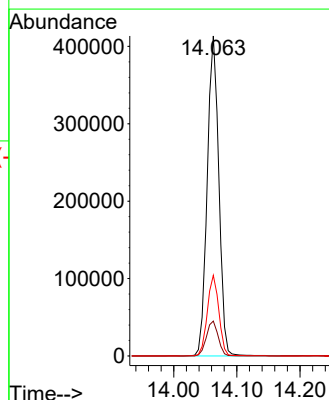
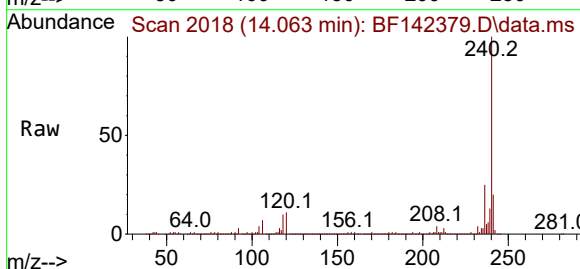
Tgt Ion:240 Resp: 527172

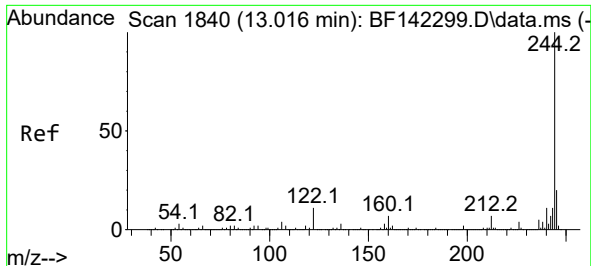
Ion Ratio Lower Upper

240 100

120 10.9 9.7 14.5

236 25.2 20.0 30.0

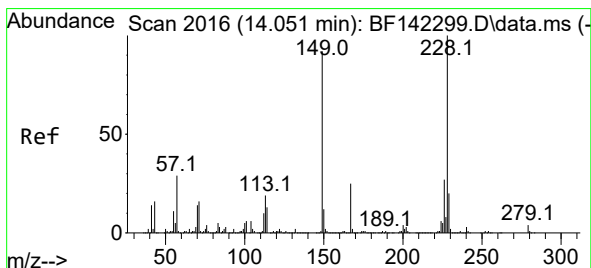
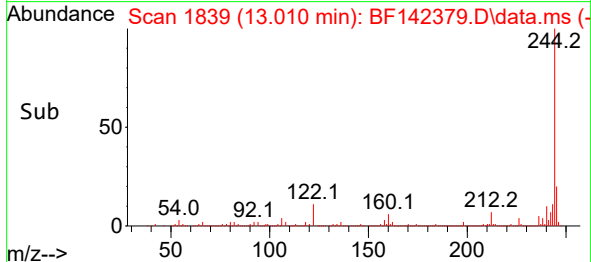
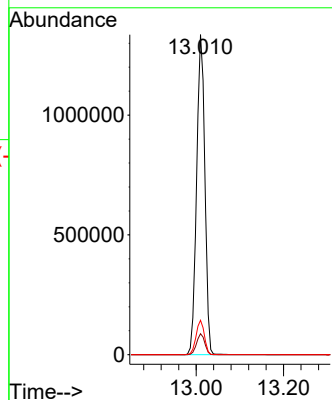
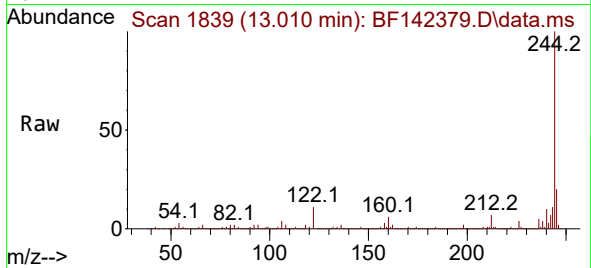




#79
 Terphenyl-d14
 Concen: 49.261 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142379.D
 Acq: 14 May 2025 21:35

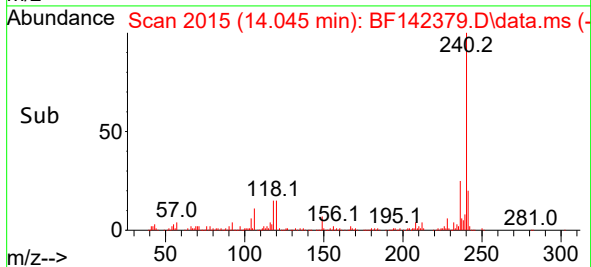
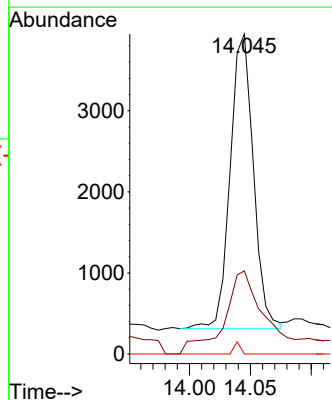
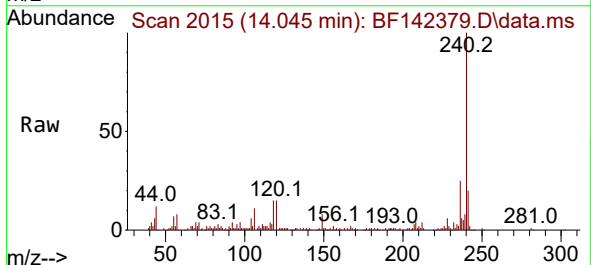
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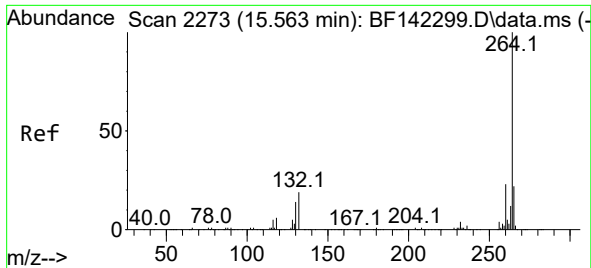
Tgt Ion:244 Resp: 1754546
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.8 9.0 13.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.483 ng
 RT: 14.045 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: BF142379.D
 Acq: 14 May 2025 21:35

Tgt Ion:149 Resp: 4817
 Ion Ratio Lower Upper
 149 100
 167 26.0 22.0 33.0
 279 0.0 3.0 4.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF142379.D
 Acq: 14 May 2025 21:35

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCK

Tgt Ion:264 Resp: 453790
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 21.3 17.5 26.3

