

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021025\
 Data File : BF141543.D
 Acq On : 10 Feb 2025 19:01
 Operator : RC/JU
 Sample : Q1344-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-2

Quant Time: Feb 11 00:07:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	77312	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	315193	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	169743	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	304254	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	211666	20.000	ng	-0.01
86) Perylene-d12	15.410	264	163016	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	428051	86.801	ng	0.00
7) Phenol-d6	6.422	99	532817	85.485	ng	-0.02
23) Nitrobenzene-d5	7.345	82	348432	57.659	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	143436	84.120	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	636788	57.797	ng	0.00
79) Terphenyl-d14	12.892	244	726818	57.968	ng	-0.01

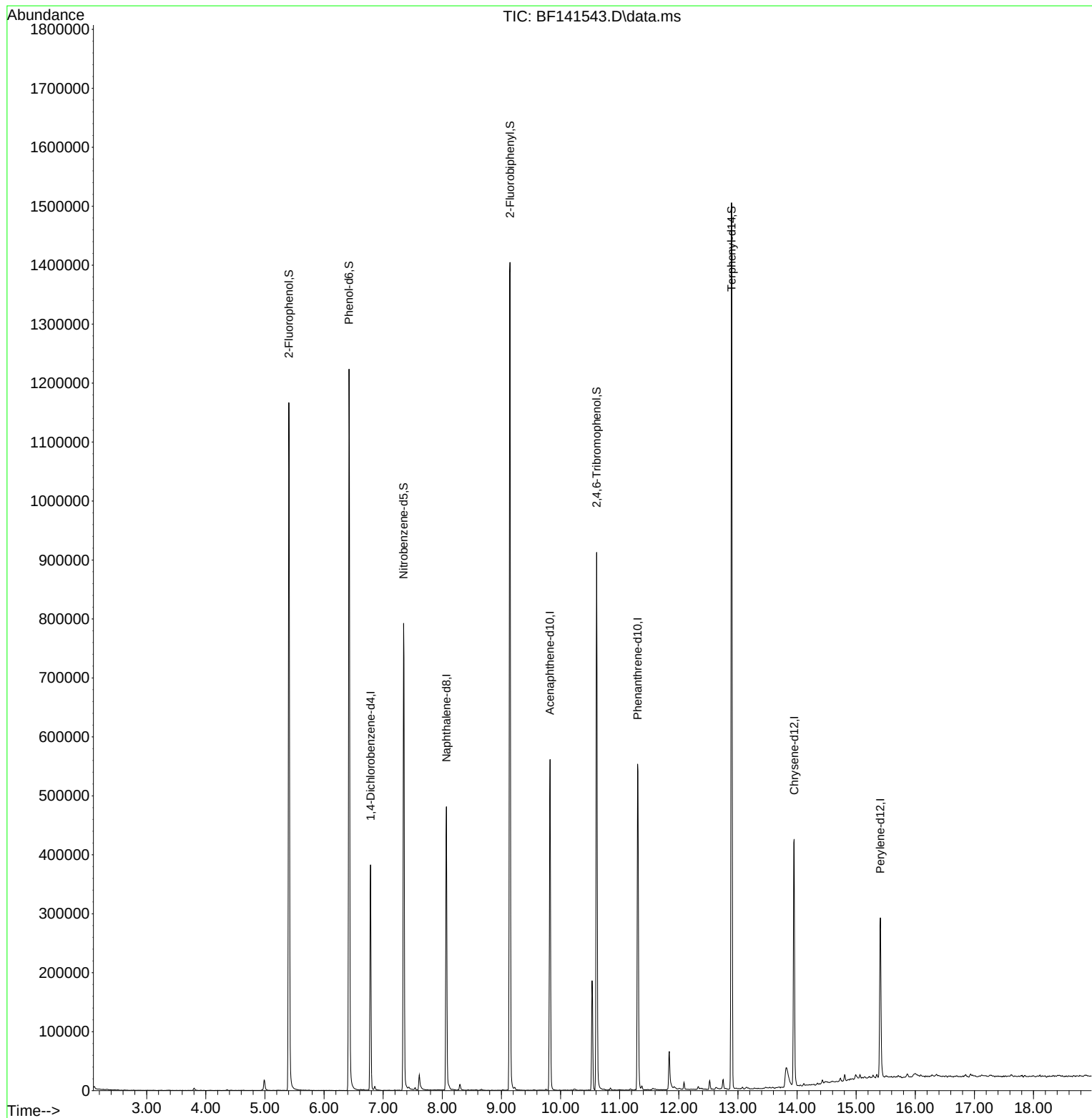
Target Compounds	Qvalue

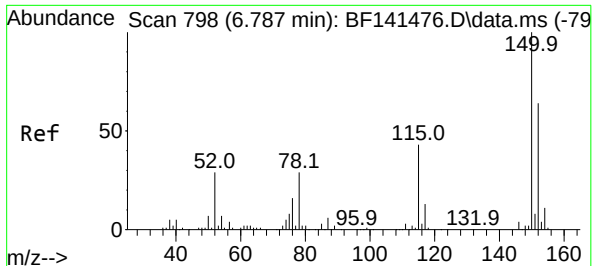
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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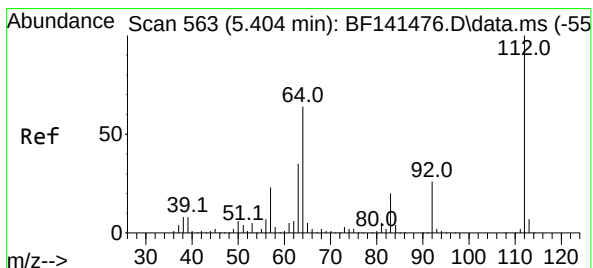
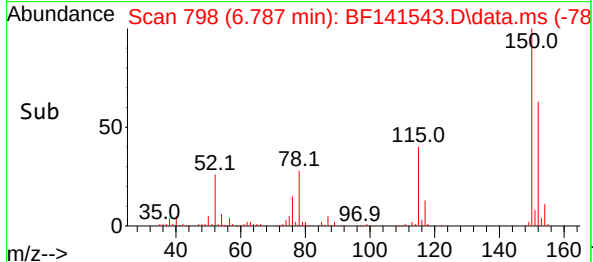
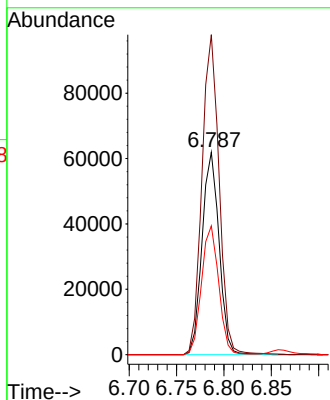
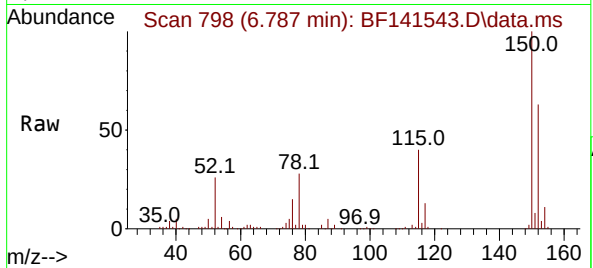




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141543.D
Acq: 10 Feb 2025 19:01

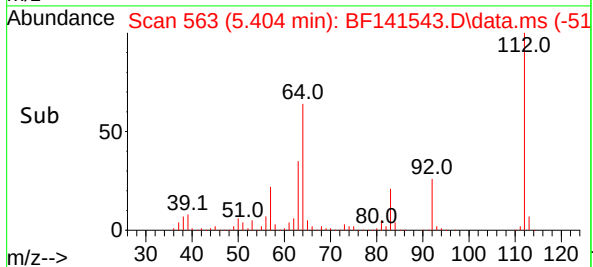
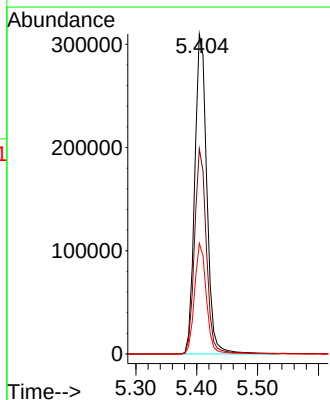
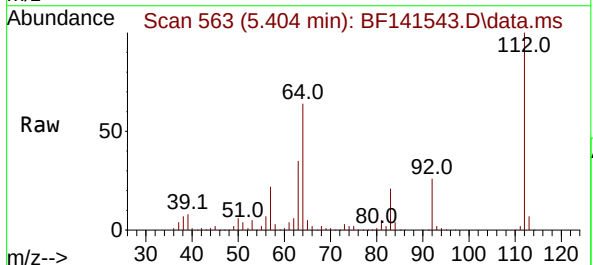
Instrument :
BNA_F
ClientSampleId :
SOIL-2

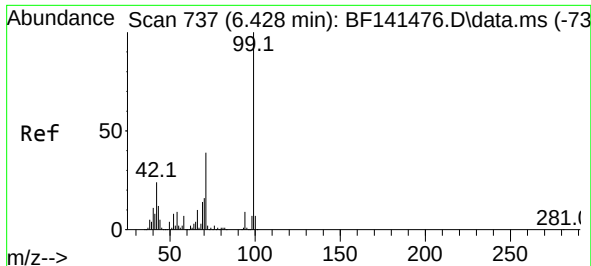
Tgt Ion:152 Resp: 77312
Ion Ratio Lower Upper
152 100
150 158.1 125.0 187.4
115 63.6 53.6 80.4



#5
2-Fluorophenol
Concen: 86.801 ng
RT: 5.404 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF141543.D
Acq: 10 Feb 2025 19:01

Tgt Ion:112 Resp: 428051
Ion Ratio Lower Upper
112 100
64 64.1 51.1 76.7
63 34.6 28.4 42.6

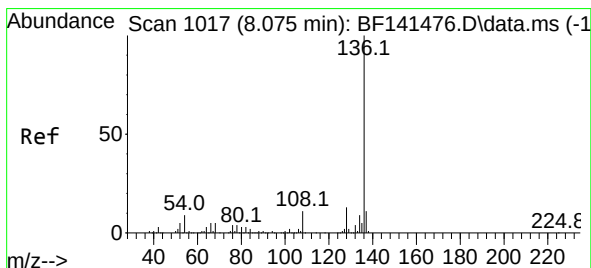
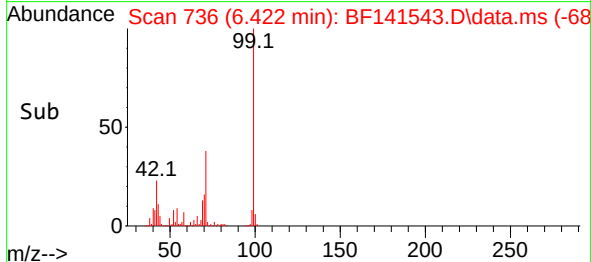
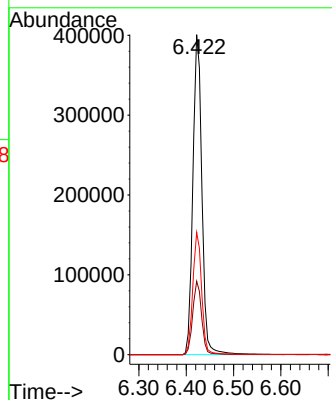
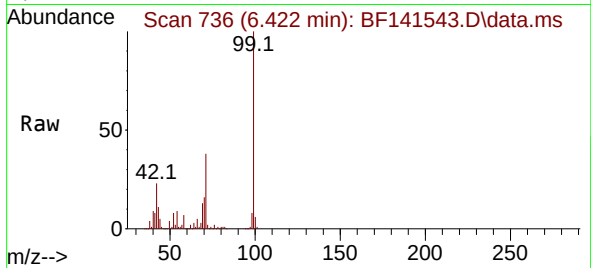




#7
Phenol-d6
Concen: 85.485 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF141543.D
Acq: 10 Feb 2025 19:01

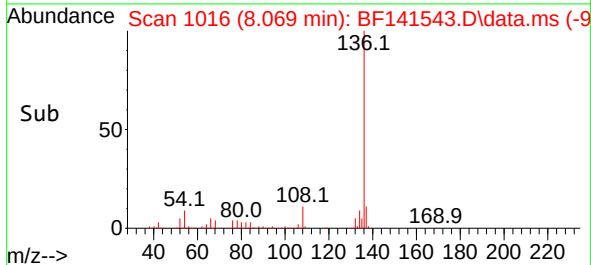
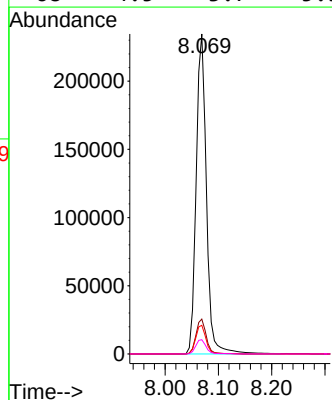
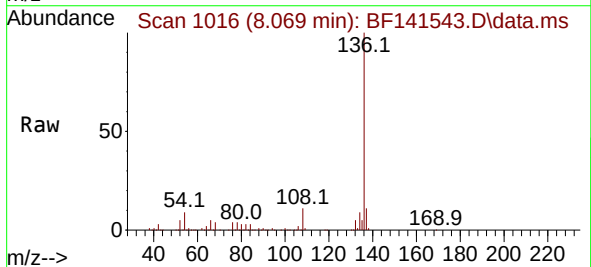
Instrument :
BNA_F
ClientSampleId :
SOIL-2

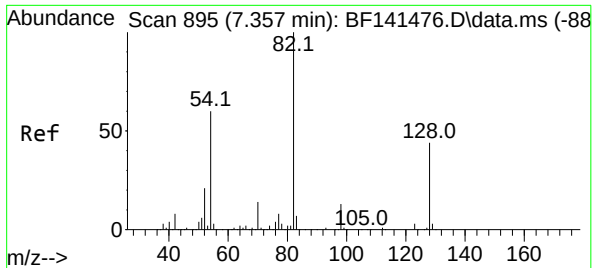
Tgt Ion: 99 Resp: 532817
Ion Ratio Lower Upper
99 100
42 22.9 19.1 28.7
71 38.2 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141543.D
Acq: 10 Feb 2025 19:01

Tgt Ion: 136 Resp: 315193
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.0 7.2 10.8
68 4.5 3.7 5.5

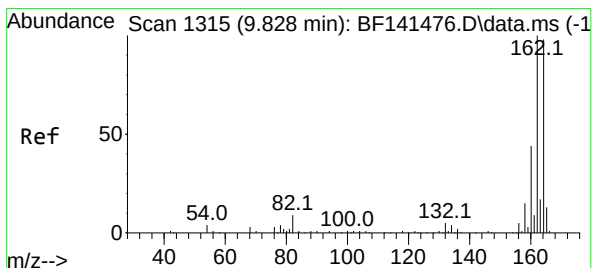
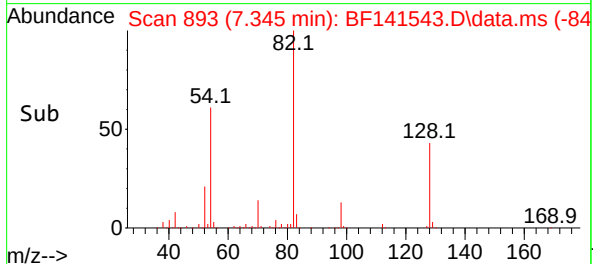
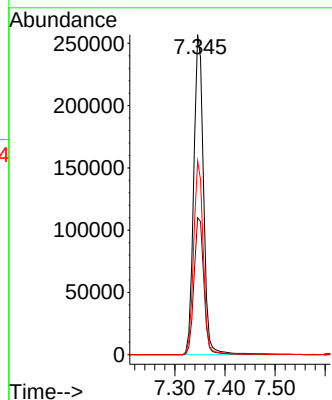
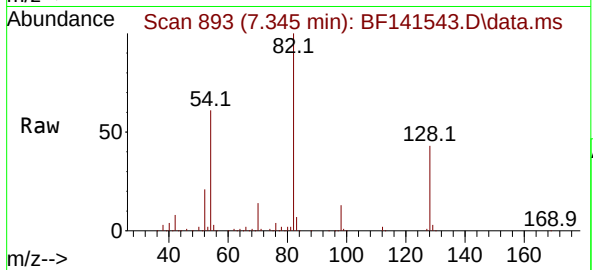




#23
Nitrobenzene-d5
Concen: 57.659 ng
RT: 7.345 min Scan# 895
Delta R.T. -0.017 min
Lab File: BF141543.D
Acq: 10 Feb 2025 19:01

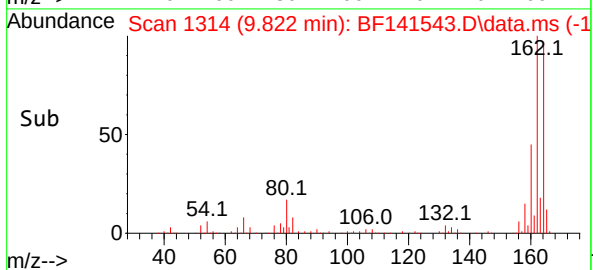
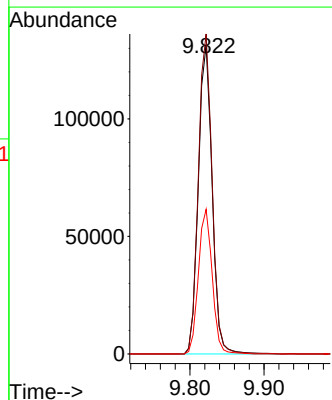
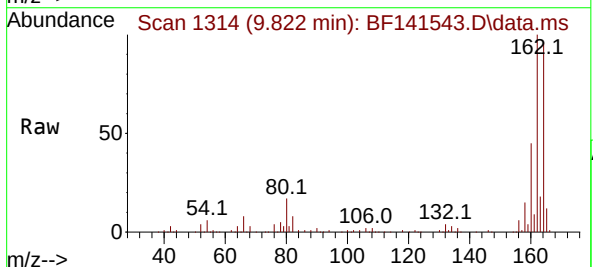
Instrument :
BNA_F
ClientSampleId :
SOIL-2

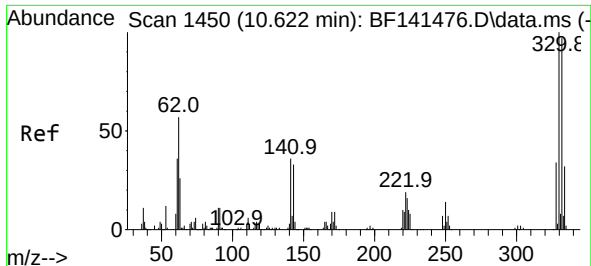
Tgt Ion: 82 Resp: 348432
Ion Ratio Lower Upper
82 100
128 42.8 34.8 52.2
54 60.5 48.2 72.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF141543.D
Acq: 10 Feb 2025 19:01

Tgt Ion: 164 Resp: 169743
Ion Ratio Lower Upper
164 100
162 103.8 81.3 121.9
160 46.9 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 84.120 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.017 min

Lab File: BF141543.D

Acq: 10 Feb 2025 19:01

Instrument :

BNA_F

ClientSampleId :

SOIL-2

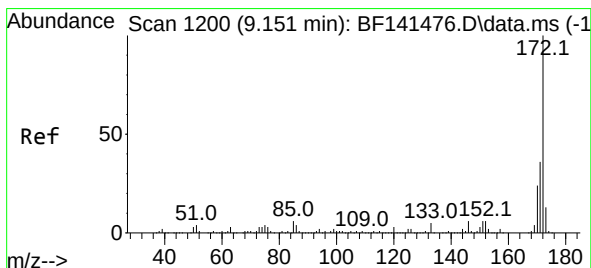
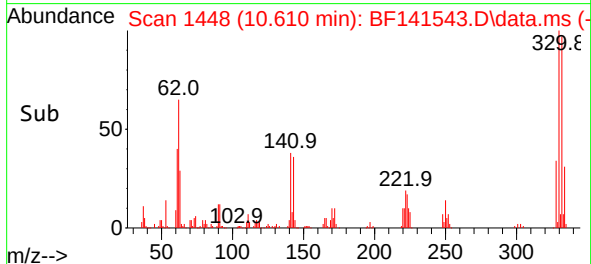
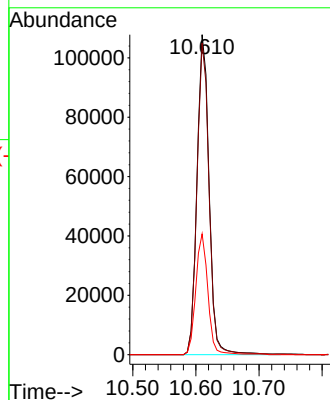
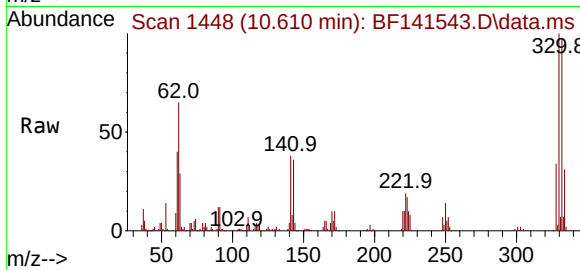
Tgt Ion:330 Resp: 143436

Ion Ratio Lower Upper

330 100

332 97.2 78.5 117.7

141 37.8 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 57.797 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141543.D

Acq: 10 Feb 2025 19:01

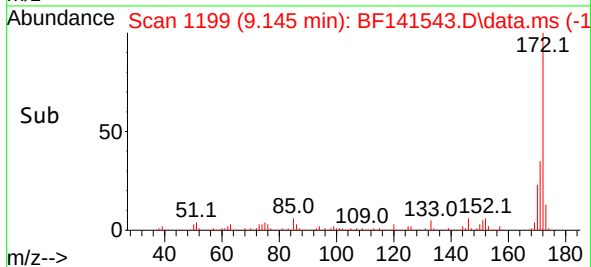
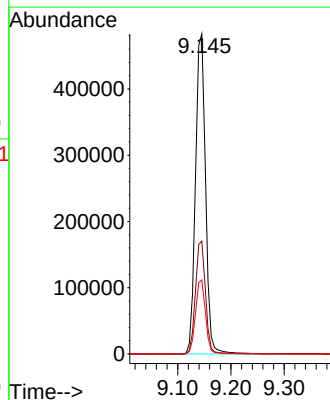
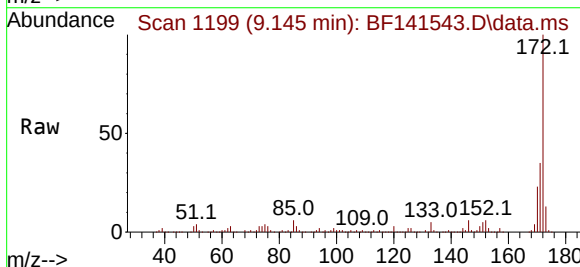
Tgt Ion:172 Resp: 636788

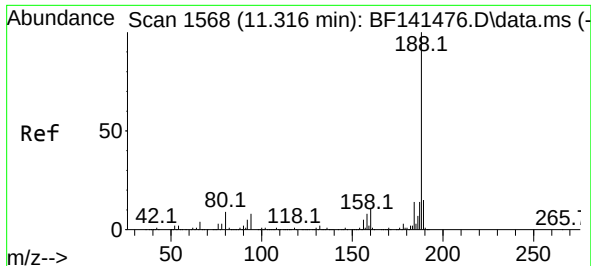
Ion Ratio Lower Upper

172 100

171 35.3 28.7 43.1

170 23.1 18.9 28.3

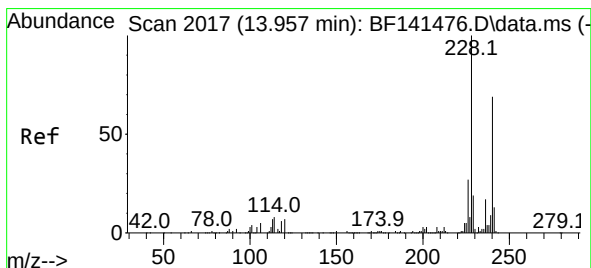
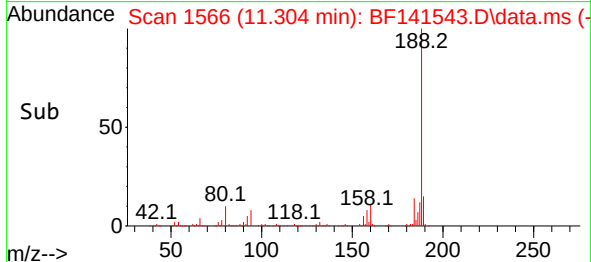
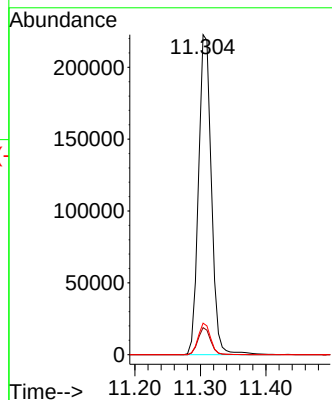
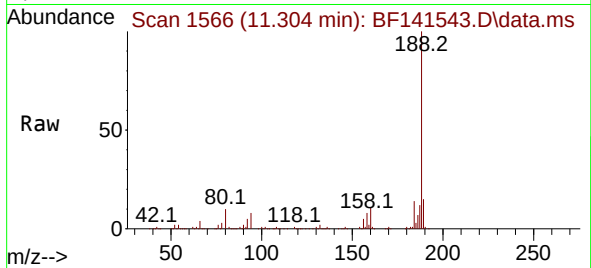




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141543.D
Acq: 10 Feb 2025 19:01

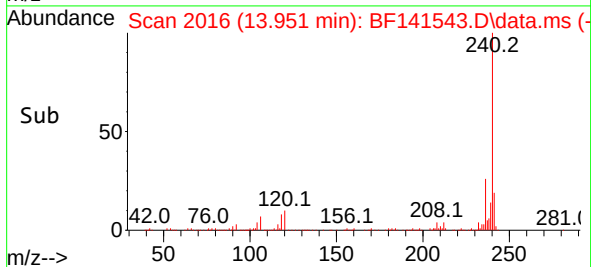
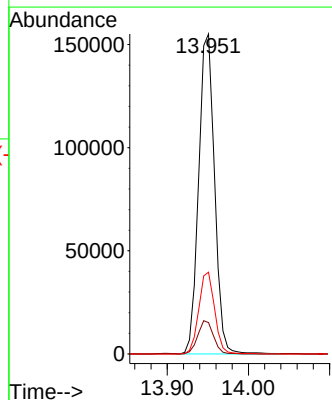
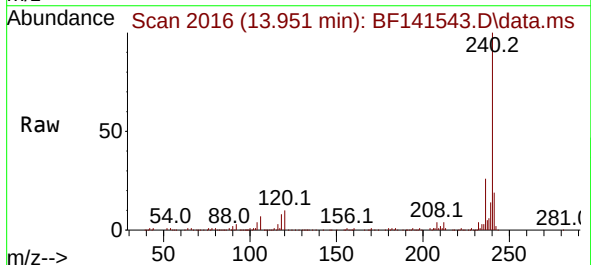
Instrument :
BNA_F
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SOIL-2

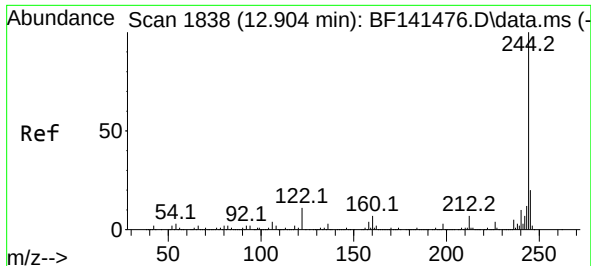
Tgt Ion:188 Resp: 304254
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.8 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141543.D
Acq: 10 Feb 2025 19:01

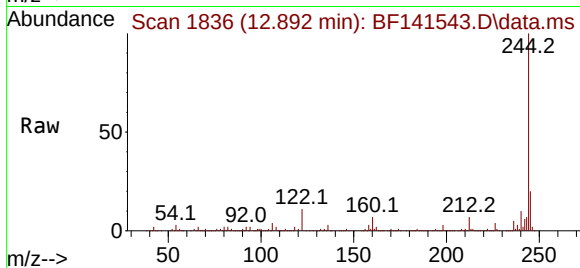
Tgt Ion:240 Resp: 211666
Ion Ratio Lower Upper
240 100
120 9.8 8.0 12.0
236 25.5 19.8 29.8



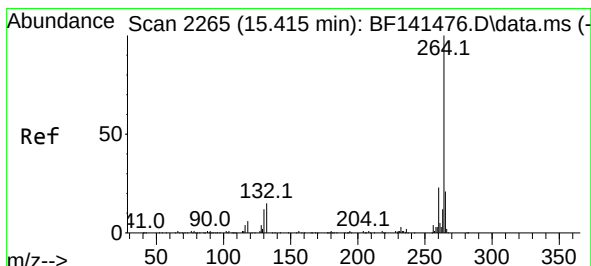
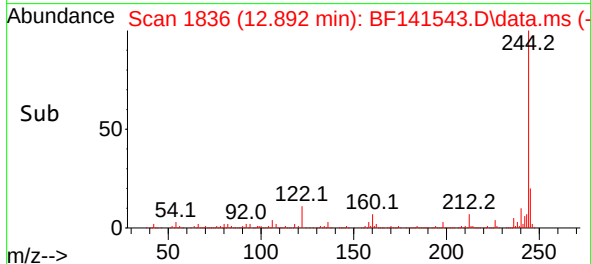
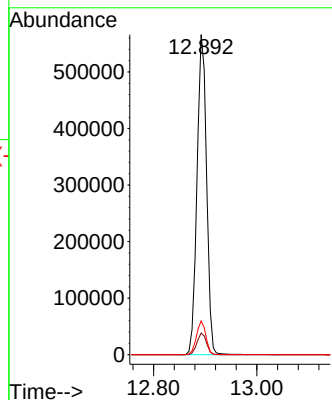


#79
 Terphenyl-d14
 Concen: 57.968 ng
 RT: 12.892 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF141543.D
 Acq: 10 Feb 2025 19:01

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-2



Tgt Ion:244 Resp: 726818
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.5 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF141543.D
 Acq: 10 Feb 2025 19:01

Tgt Ion:264 Resp: 163016
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.6 28.0
 265 21.2 17.0 25.4

