

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024784.D
 Acq On : 23 May 2025 08:39
 Operator : RC/JU
 Sample : Q2093-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOIL-DRUM

Quant Time: May 23 08:56:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

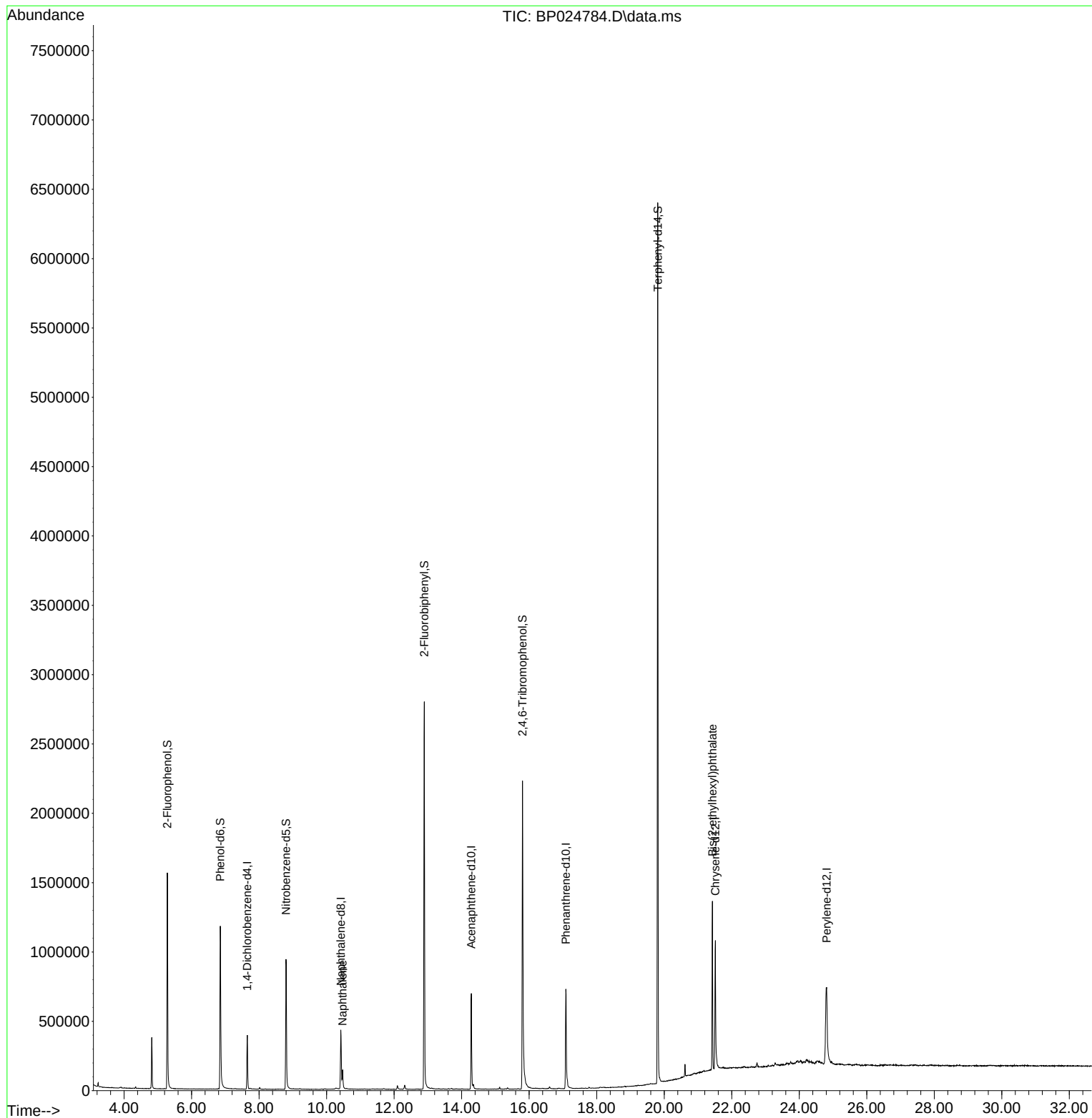
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.651	152	105758	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	398847	20.000	ng	-0.01
39) Acenaphthene-d10	14.286	164	257967	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	532259	20.000	ng	-0.01
76) Chrysene-d12	21.515	240	631295	20.000	ng	# 0.00
86) Perylene-d12	24.809	264	765740	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	709435	114.733	ng	0.00
7) Phenol-d6	6.851	99	753735	95.511	ng	0.00
23) Nitrobenzene-d5	8.798	82	543248	68.819	ng	-0.01
42) 2,4,6-Tribromophenol	15.804	330	680992	155.716	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	1492767	75.812	ng	-0.01
79) Terphenyl-d14	19.810	244	3145777	85.444	ng	0.00
Target Compounds						
31) Naphthalene	10.475	128	120851	5.847	ng	98
84) Bis(2-ethylhexyl)phtha...	21.427	149	507988	20.544	ng	99

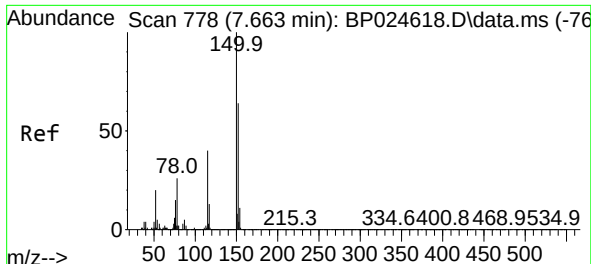
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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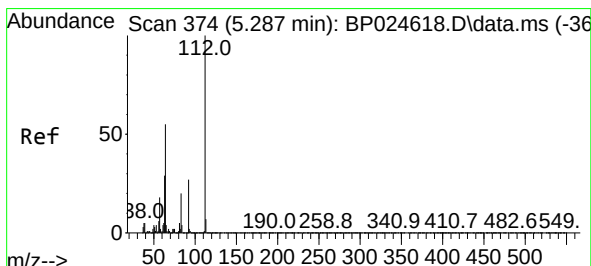
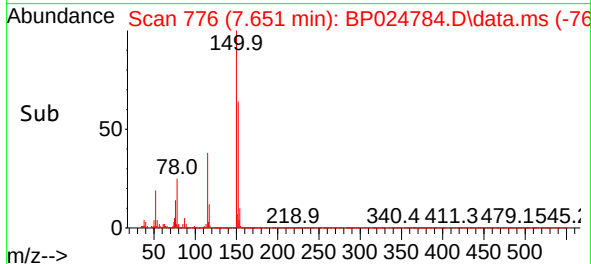
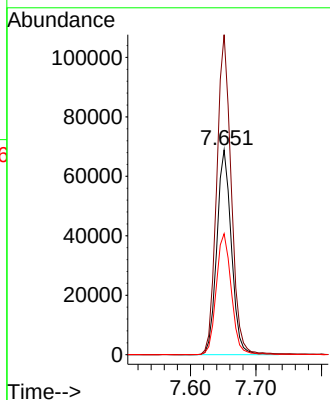
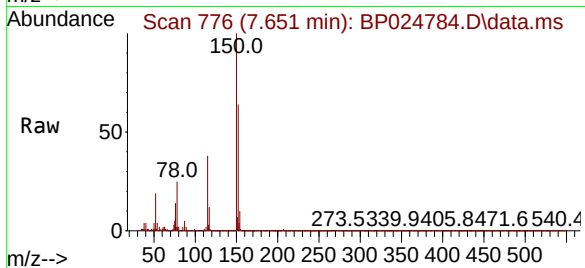




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.651 min Scan# 778
Delta R.T. -0.012 min
Lab File: BP024784.D
Acq: 23 May 2025 08:39

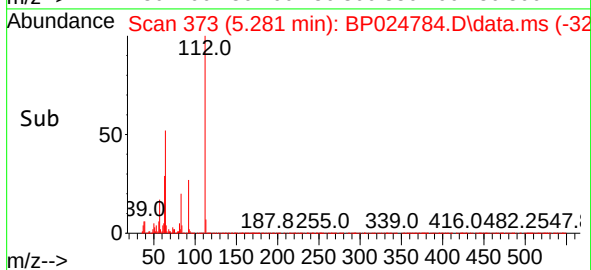
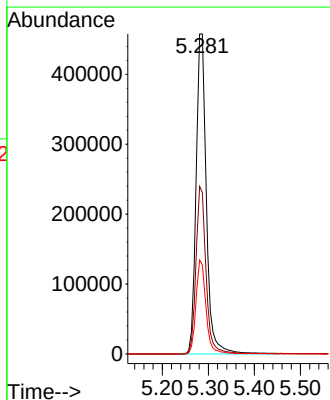
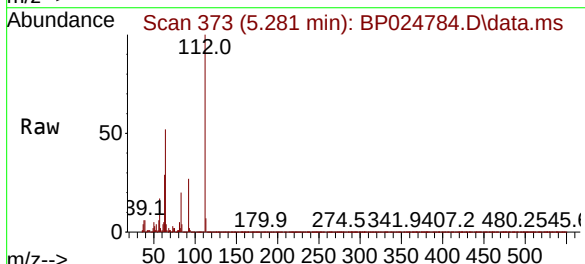
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUM

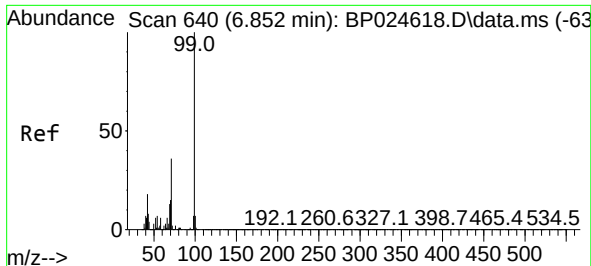
Tgt Ion:152 Resp: 105758
Ion Ratio Lower Upper
152 100
150 156.2 125.9 188.9
115 59.1 50.1 75.1



#5
2-Fluorophenol
Concen: 114.733 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP024784.D
Acq: 23 May 2025 08:39

Tgt Ion:112 Resp: 709435
Ion Ratio Lower Upper
112 100
64 52.4 44.1 66.1
63 29.4 23.5 35.3

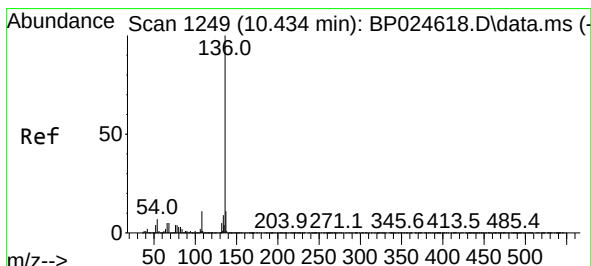
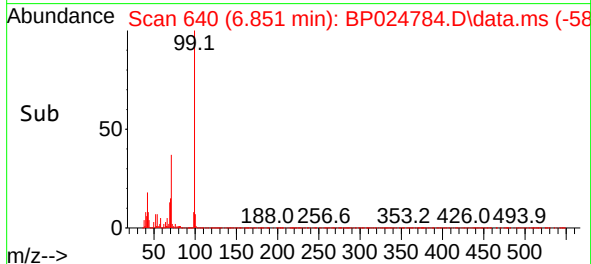
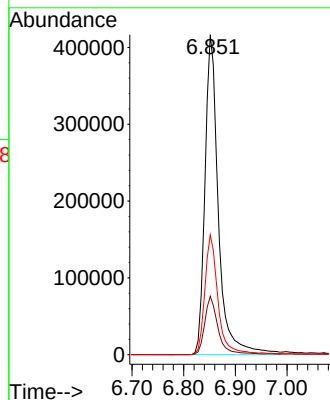
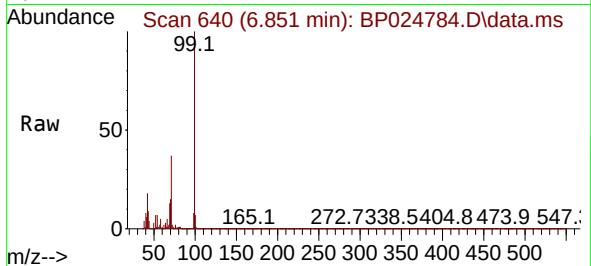




#7
Phenol-d6
Concen: 95.511 ng
RT: 6.851 min Scan# 640
Delta R.T. -0.000 min
Lab File: BP024784.D
Acq: 23 May 2025 08:39

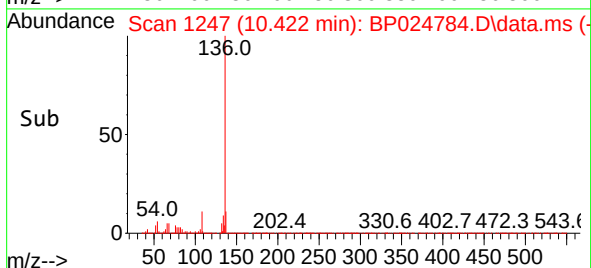
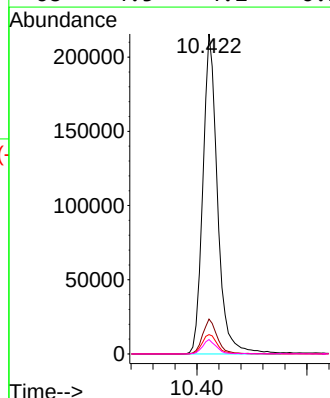
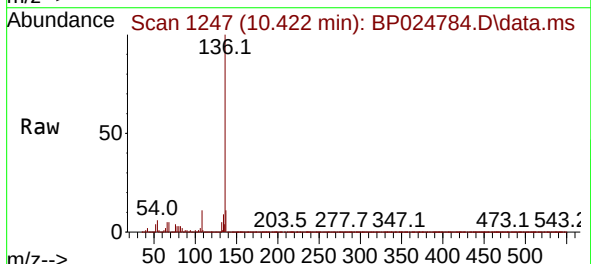
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUM

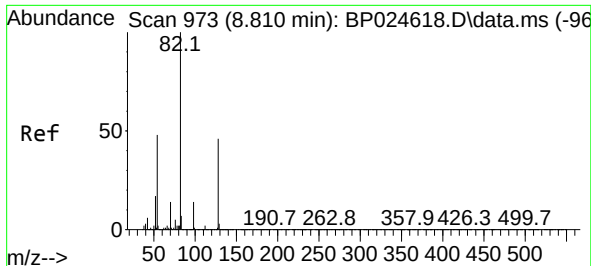
Tgt Ion: 99 Resp: 753735
Ion Ratio Lower Upper
99 100
42 18.3 14.4 21.6
71 37.5 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024784.D
Acq: 23 May 2025 08:39

Tgt Ion: 136 Resp: 398847
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.1 5.5 8.3
68 4.5 4.2 6.2

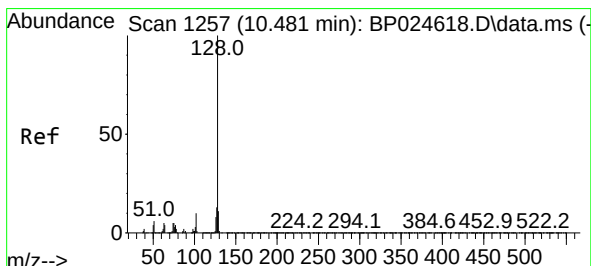
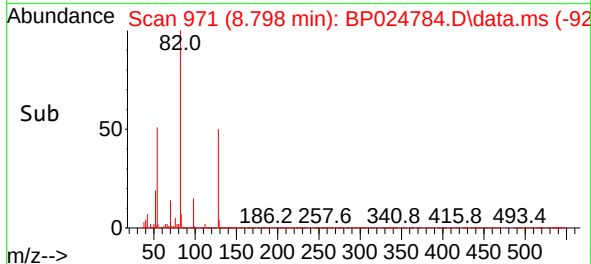
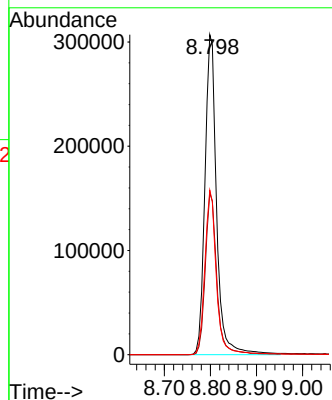
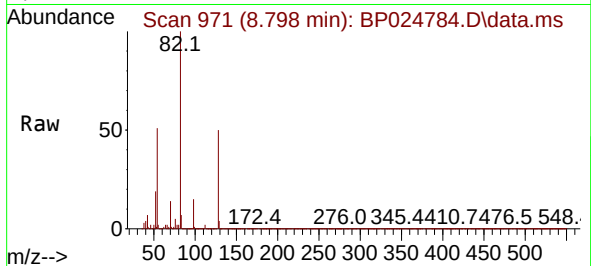




#23
Nitrobenzene-d5
Concen: 68.819 ng
RT: 8.798 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024784.D
Acq: 23 May 2025 08:39

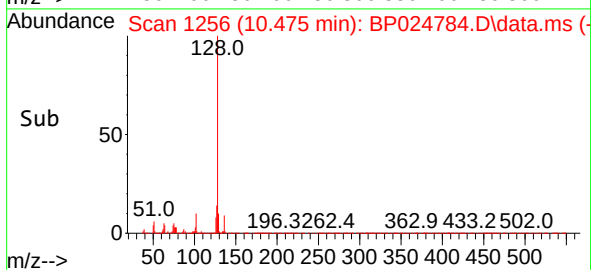
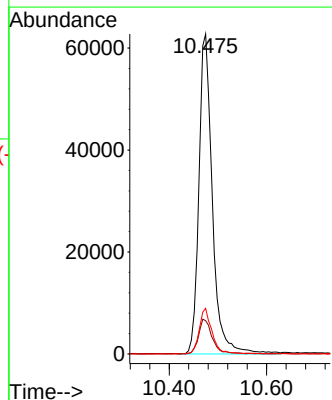
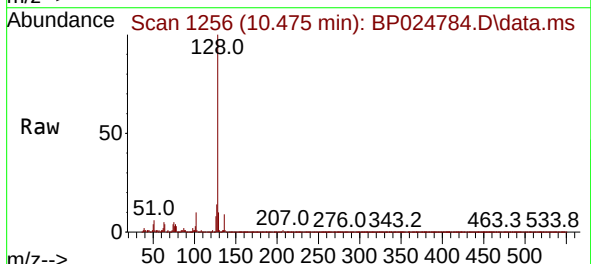
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUM

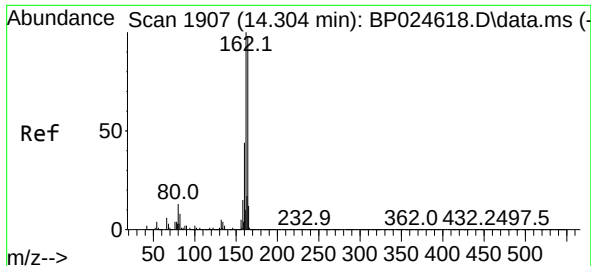
Tgt Ion: 82 Resp: 543248
Ion Ratio Lower Upper
82 100
128 50.5 37.0 55.4
54 51.4 38.7 58.1



#31
Naphthalene
Concen: 5.847 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BP024784.D
Acq: 23 May 2025 08:39

Tgt Ion: 128 Resp: 120851
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 14.3 10.7 16.1

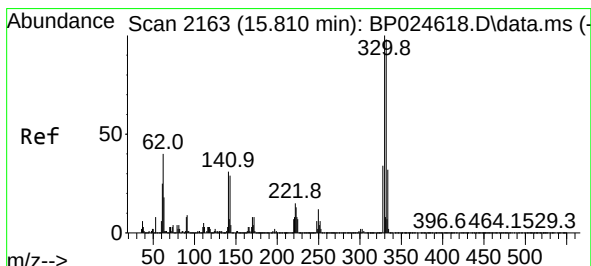
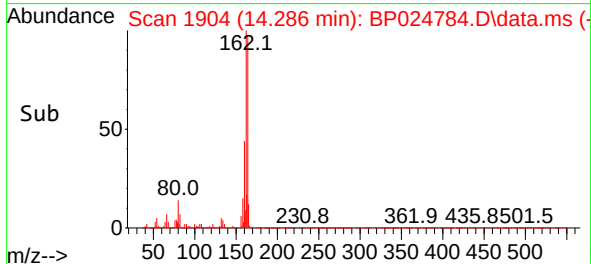
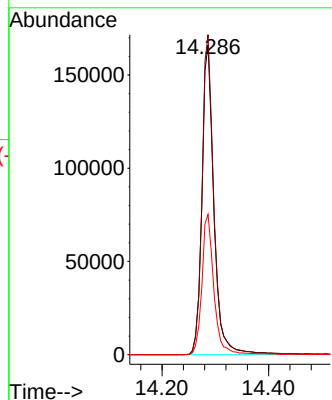
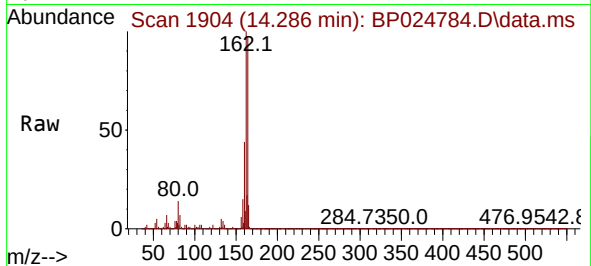




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.286 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024784.D
Acq: 23 May 2025 08:39

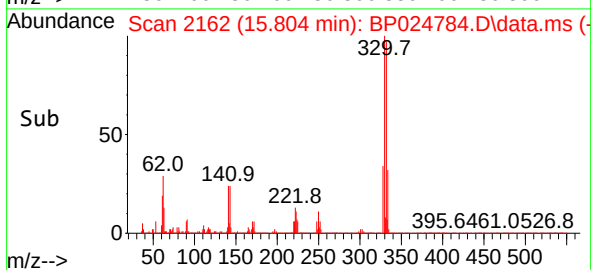
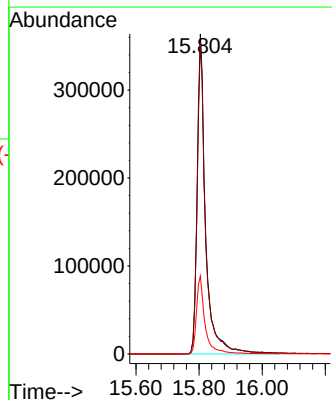
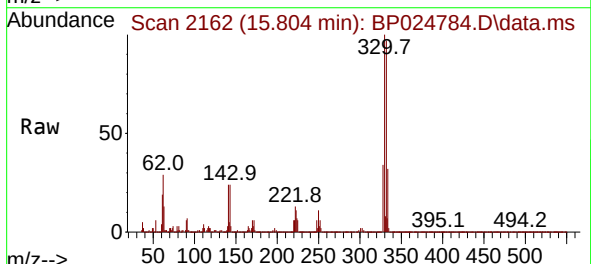
Instrument :
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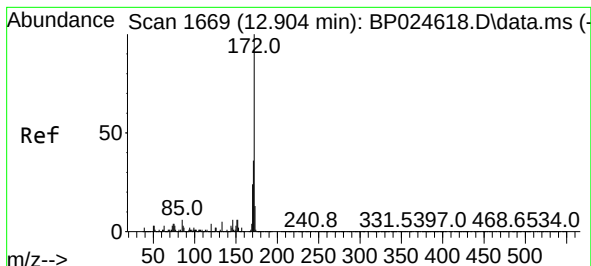
Tgt Ion:164 Resp: 257967
Ion Ratio Lower Upper
164 100
162 103.4 81.8 122.6
160 45.3 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 155.716 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024784.D
Acq: 23 May 2025 08:39

Tgt Ion:330 Resp: 680992
Ion Ratio Lower Upper
330 100
332 96.7 78.2 117.4
141 24.6 24.3 36.5

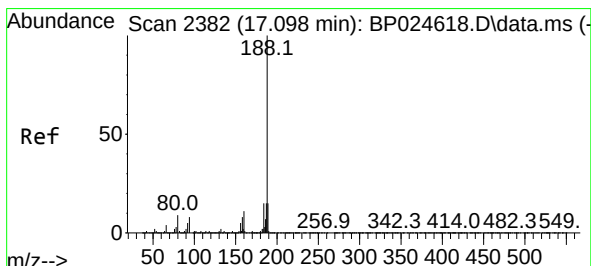
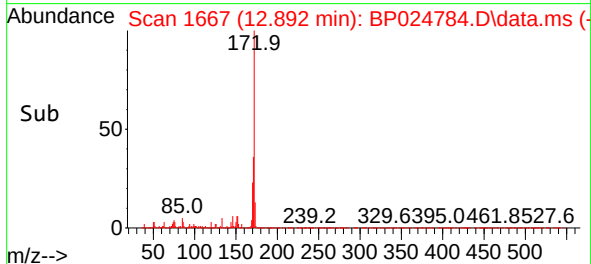
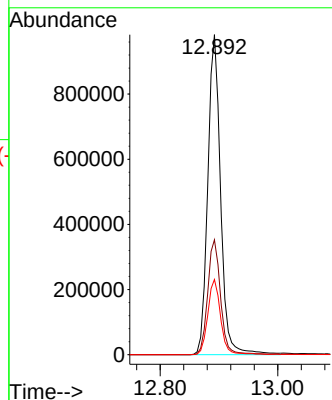
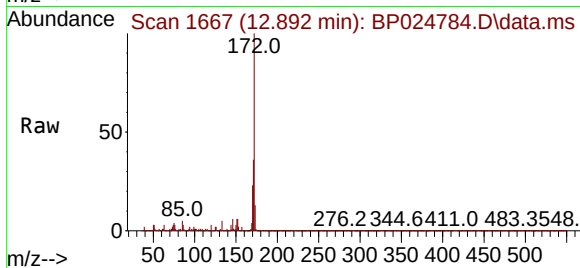




#45
2-Fluorobiphenyl
Concen: 75.812 ng
RT: 12.892 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024784.D
Acq: 23 May 2025 08:39

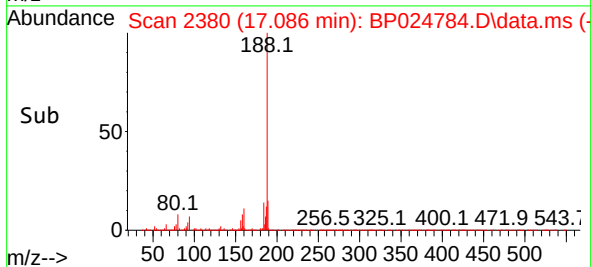
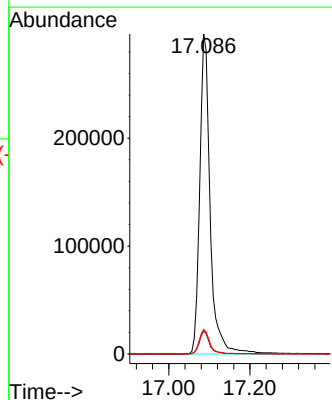
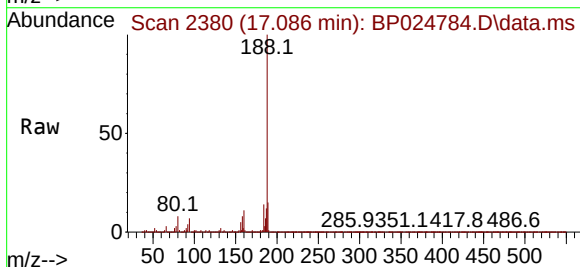
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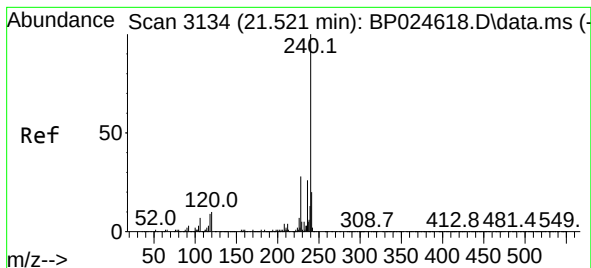
Tgt Ion:172 Resp: 1492767
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.5 18.8 28.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024784.D
Acq: 23 May 2025 08:39

Tgt Ion:188 Resp: 532259
Ion Ratio Lower Upper
188 100
94 7.2 6.5 9.7
80 7.7 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.515 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024784.D

Acq: 23 May 2025 08:39

Instrument :

BNA_P

ClientSampleId :

SOIL-DRUM

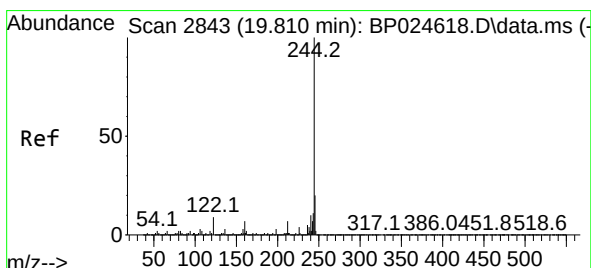
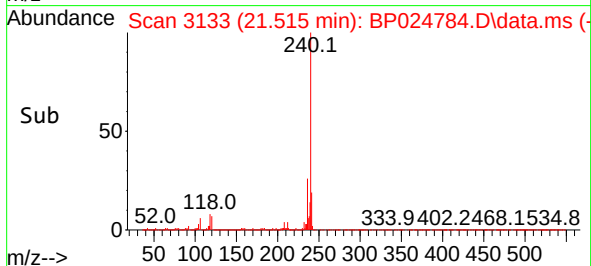
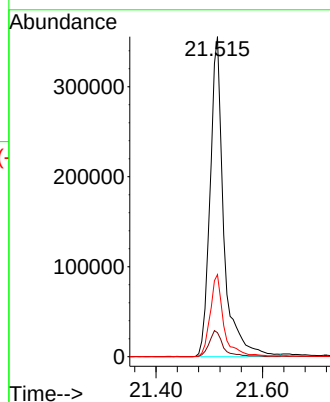
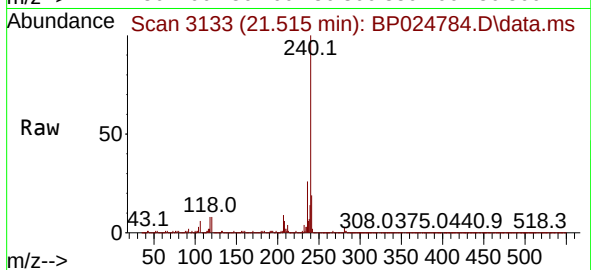
Tgt Ion:240 Resp: 631295

Ion Ratio Lower Upper

240 100

120 7.5 7.8 11.6#

236 25.7 20.6 31.0



#79

Terphenyl-d14

Concen: 85.444 ng

RT: 19.810 min Scan# 2843

Delta R.T. -0.000 min

Lab File: BP024784.D

Acq: 23 May 2025 08:39

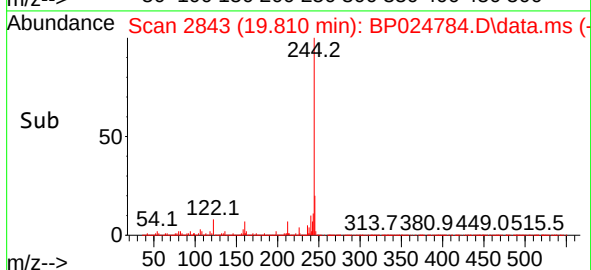
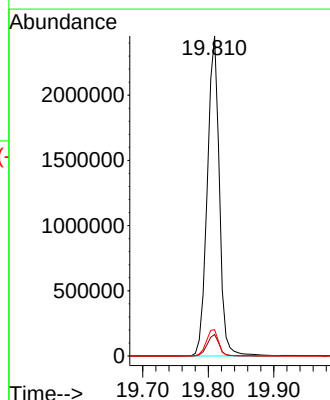
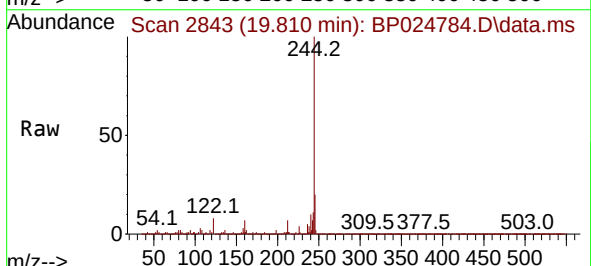
Tgt Ion:244 Resp: 3145777

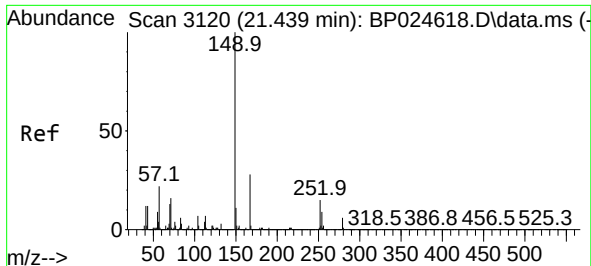
Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 8.2 7.4 11.0

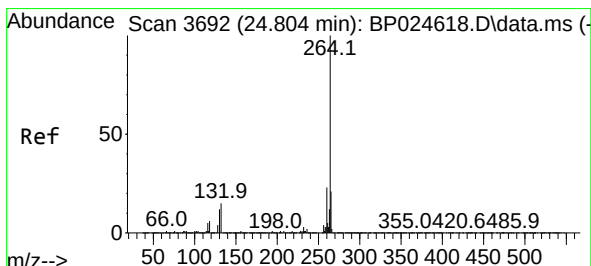
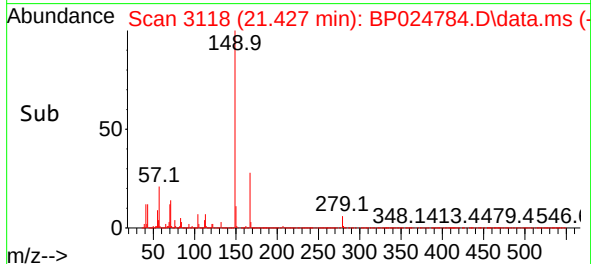
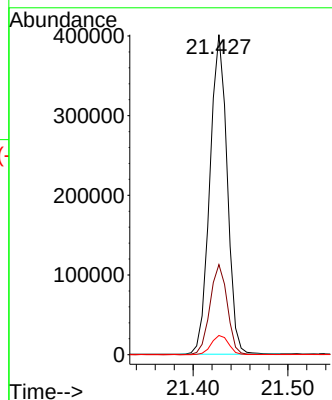
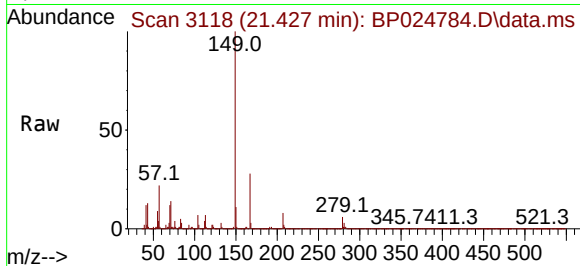




#84
Bis(2-ethylhexyl)phthalate
Concen: 20.544 ng
RT: 21.427 min Scan# 3118
Delta R.T. -0.012 min
Lab File: BP024784.D
Acq: 23 May 2025 08:39

Instrument :
BNA_P
ClientSampleId :
SOIL-DRUM

Tgt Ion:149 Resp: 507988
Ion Ratio Lower Upper
149 100
167 28.2 22.1 33.1
279 6.0 4.6 6.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.809 min Scan# 3693
Delta R.T. 0.006 min
Lab File: BP024784.D
Acq: 23 May 2025 08:39

Tgt Ion:264 Resp: 765740
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 22.2 17.0 25.6

