

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111225\
 Data File : BP026124.D
 Acq On : 12 Nov 2025 22:47
 Operator : RC/JU
 Sample : Q3598-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EO-CONCRETE

Quant Time: Nov 13 01:15:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

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

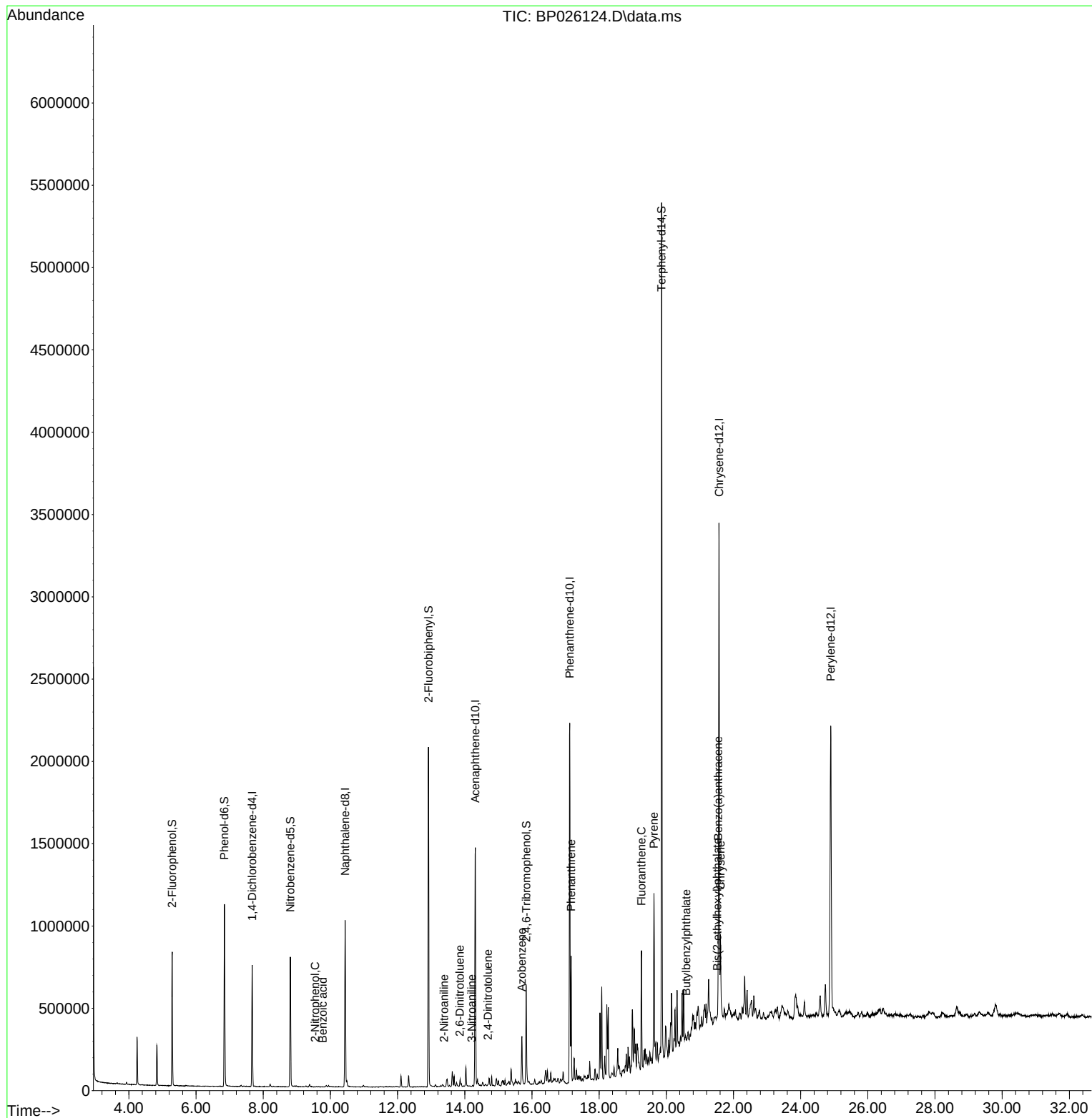
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	214652	20.000	ng	-0.02
21) Naphthalene-d8	10.437	136	855436	20.000	ng	-0.02
39) Acenaphthene-d10	14.313	164	578242	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1393014	20.000	ng	0.00
76) Chrysene-d12	21.571	240	1574279	20.000	ng	0.00
86) Perylene-d12	24.895	264	1742984	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	356830	27.431	ng	0.00
7) Phenol-d6	6.843	99	647422	39.102	ng	-0.01
23) Nitrobenzene-d5	8.807	82	431750	31.464	ng	-0.02
42) 2,4,6-Tribromophenol	15.831	330	119810	19.165	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	1178273	29.280	ng	-0.01
79) Terphenyl-d14	19.860	244	2585116	33.362	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.549	139	186	2.710	ng	# 78
32) Benzoic acid	9.772	122	60	3.126	ng	# 1
48) 2-Nitroaniline	13.384	65	217	2.932	ng	# 31
51) 2,6-Dinitrotoluene	13.854	165	424	3.041	ng	# 1
53) 3-Nitroaniline	14.207	138	33	2.641	ng	# 1
57) 2,4-Dinitrotoluene	14.689	165	725	3.146	ng	# 65
63) Azobenzene	15.701	77	89408	2.333	ng	# 1
71) Phenanthrene	17.166	178	431190	5.318	ng	100
75) Fluoranthene	19.260	202	404816	4.280	ng	98
78) Pyrene	19.630	202	720308	6.765	ng	99
80) Butylbenzylphthalate	20.595	149	754	3.415	ng	# 60
81) Benzo(a)anthracene	21.548	228	285401	2.638	ng	92
83) Chrysene	21.613	228	330705	3.227	ng	96
84) Bis(2-ethylhexyl)phtha...	21.519	149	7684	2.712	ng	# 97

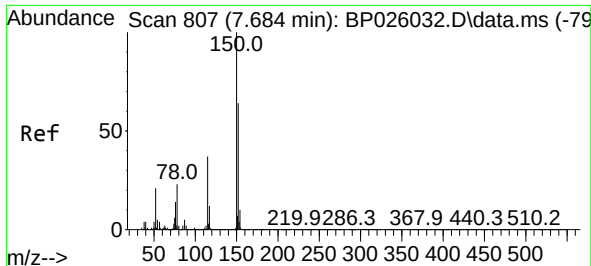
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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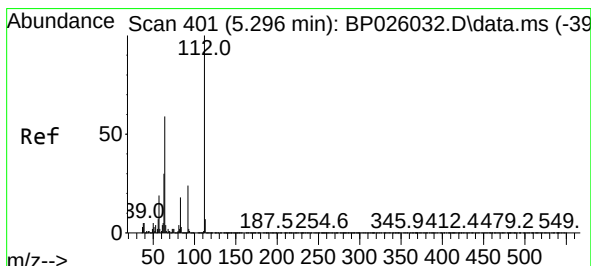
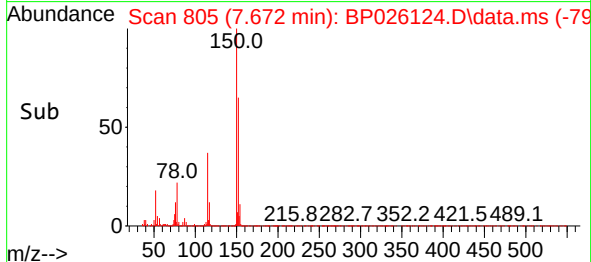
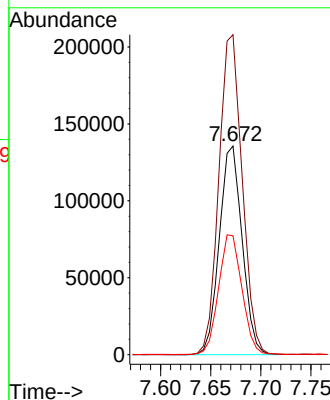
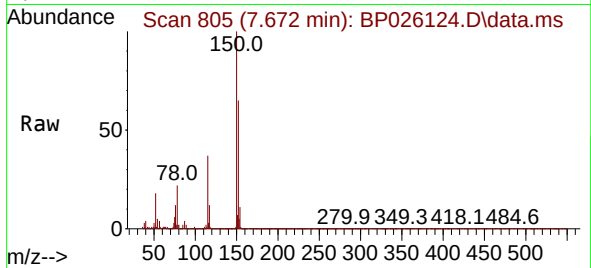




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.672 min Scan# 807
 Delta R.T. -0.018 min
 Lab File: BP026124.D
 Acq: 12 Nov 2025 22:47

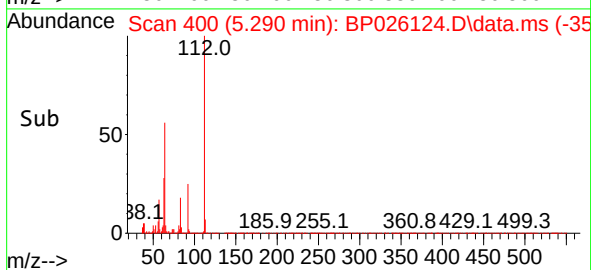
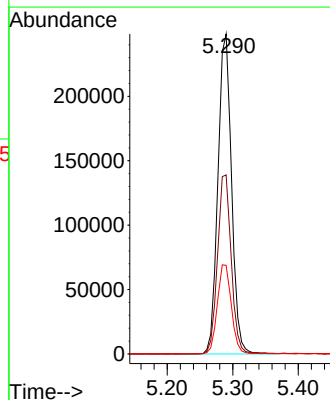
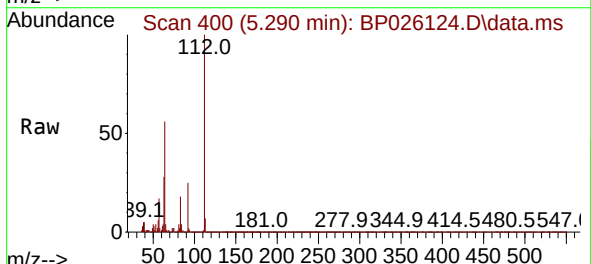
Instrument :
 BNA_P
 ClientSampleId :
 EO-CONCRETE

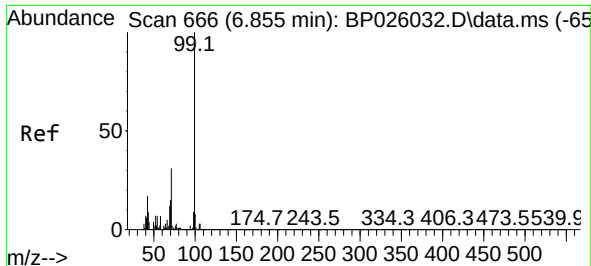
Tgt Ion:152 Resp: 214652
 Ion Ratio Lower Upper
 152 100
 150 153.4 125.7 188.5
 115 57.0 46.4 69.6



#5
 2-Fluorophenol
 Concen: 27.431 ng
 RT: 5.290 min Scan# 400
 Delta R.T. -0.006 min
 Lab File: BP026124.D
 Acq: 12 Nov 2025 22:47

Tgt Ion:112 Resp: 356830
 Ion Ratio Lower Upper
 112 100
 64 55.9 47.4 71.2
 63 27.7 24.2 36.4

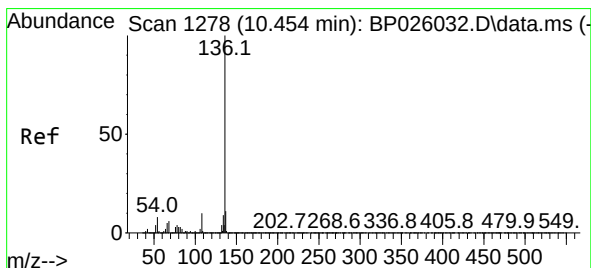
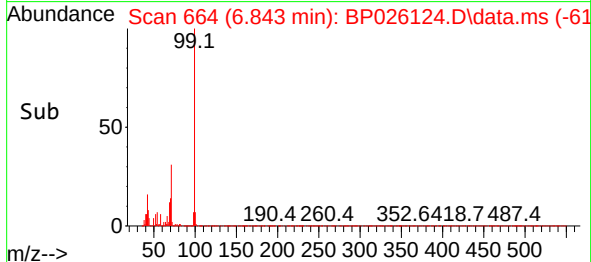
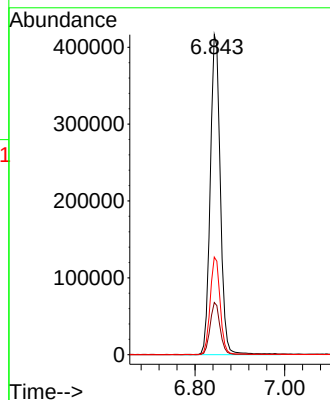
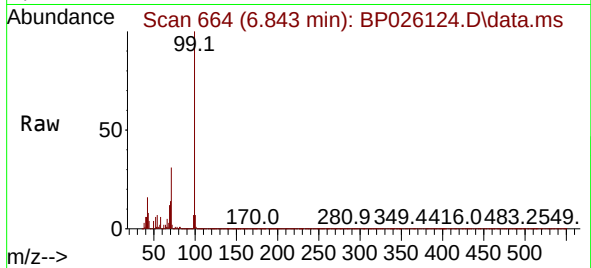




#7
Phenol-d6
Concen: 39.102 ng
RT: 6.843 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP026124.D
Acq: 12 Nov 2025 22:47

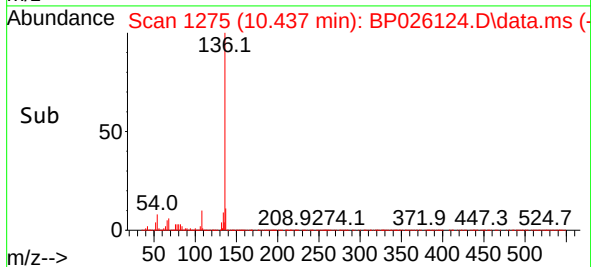
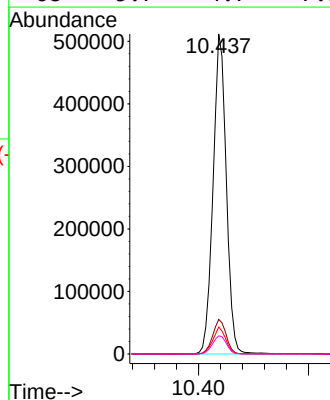
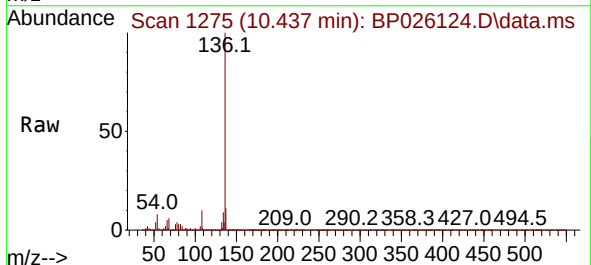
Instrument :
BNA_P
ClientSampleId :
EO-CONCRETE

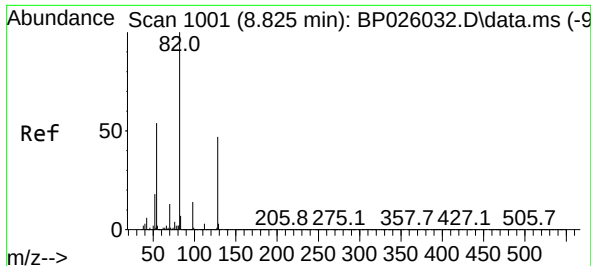
Tgt Ion: 99 Resp: 647422
Ion Ratio Lower Upper
99 100
42 16.3 13.7 20.5
71 30.5 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.017 min
Lab File: BP026124.D
Acq: 12 Nov 2025 22:47

Tgt Ion: 136 Resp: 855436
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.4 6.6 10.0
68 5.7 4.7 7.1

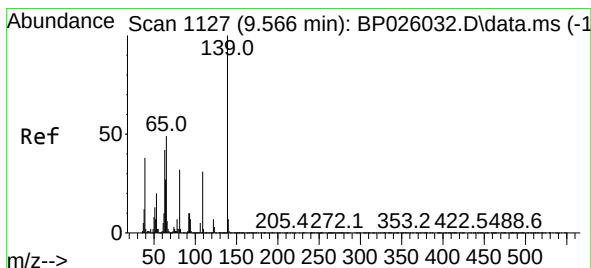
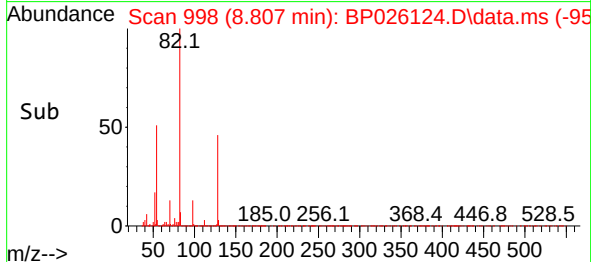
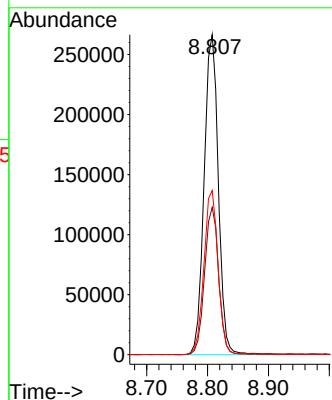
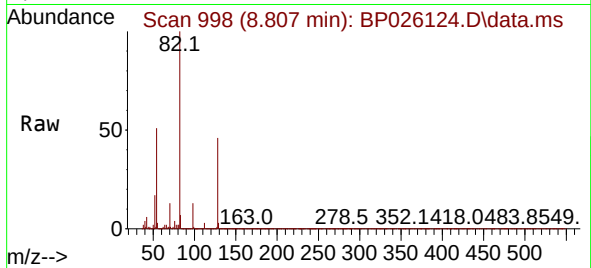




#23
Nitrobenzene-d5
Concen: 31.464 ng
RT: 8.807 min Scan# 998
Delta R.T. -0.017 min
Lab File: BP026124.D
Acq: 12 Nov 2025 22:47

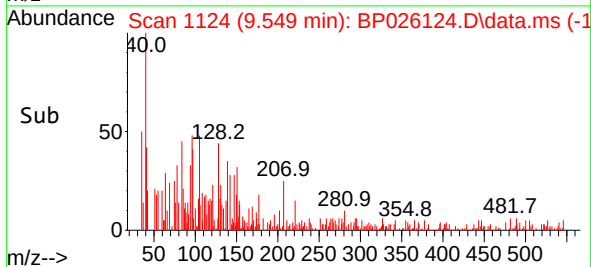
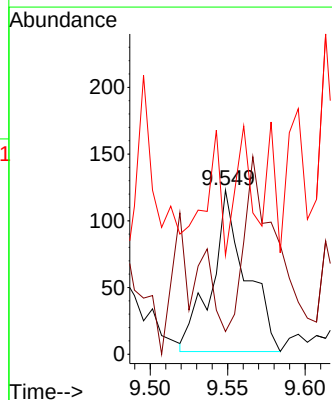
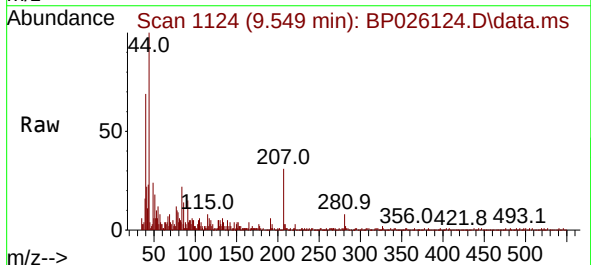
Instrument :
BNA_P
ClientSampleId :
EO-CONCRETE

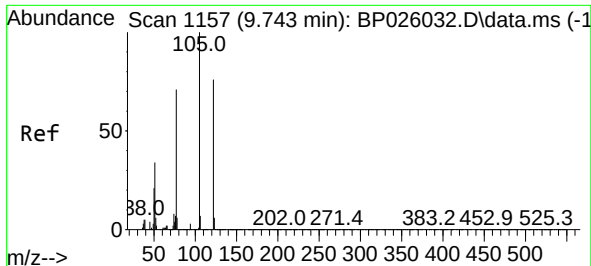
Tgt Ion: 82 Resp: 431750
Ion Ratio Lower Upper
82 100
128 46.1 37.4 56.0
54 51.3 42.7 64.1



#26
2-Nitrophenol
Concen: 2.710 ng
RT: 9.549 min Scan# 1124
Delta R.T. -0.017 min
Lab File: BP026124.D
Acq: 12 Nov 2025 22:47

Tgt Ion: 139 Resp: 186
Ion Ratio Lower Upper
139 100
109 13.8 24.8 37.2#
65 60.2 39.0 58.4#

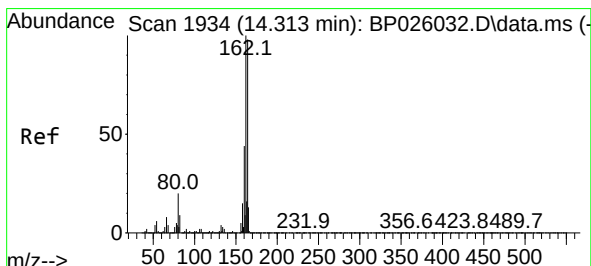
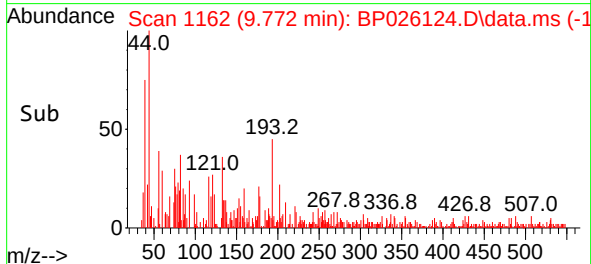
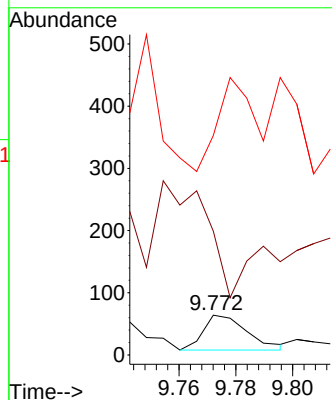
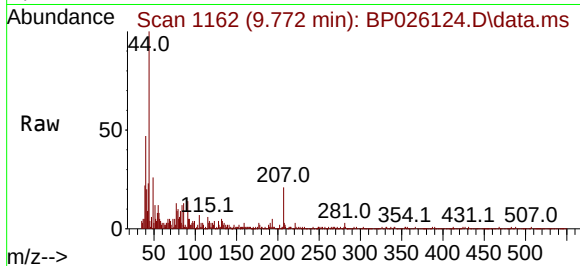




#32
Benzoic acid
Concen: 3.126 ng
RT: 9.772 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BP026124.D
Acq: 12 Nov 2025 22:47

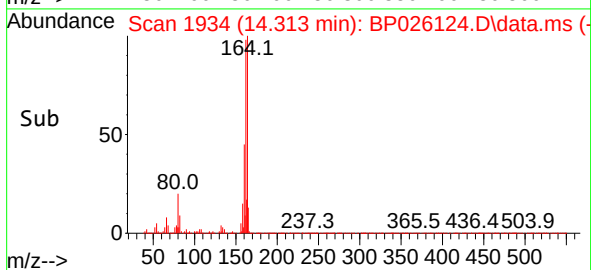
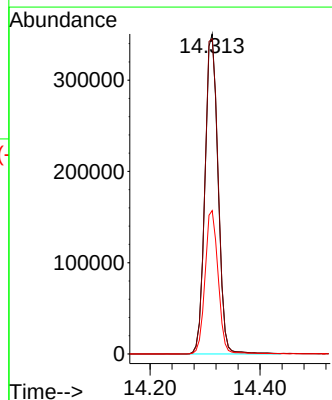
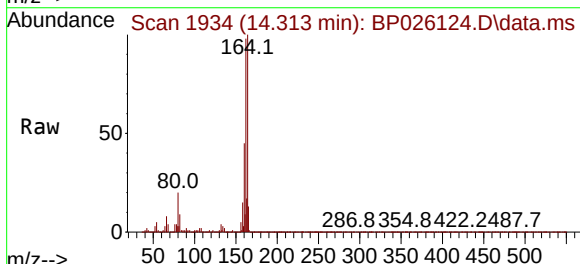
Instrument :
BNA_P
ClientSampleId :
EO-CONCRETE

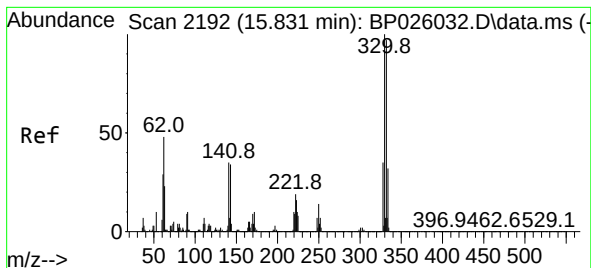
Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 310.9 104.8 144.8#
77 551.6 70.9 110.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP026124.D
Acq: 12 Nov 2025 22:47

Tgt Ion:164 Resp: 578242
Ion Ratio Lower Upper
164 100
162 98.5 81.5 122.3
160 44.8 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 19.165 ng

RT: 15.831 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP026124.D

Acq: 12 Nov 2025 22:47

Instrument :

BNA_P

ClientSampleId :

EO-CONCRETE

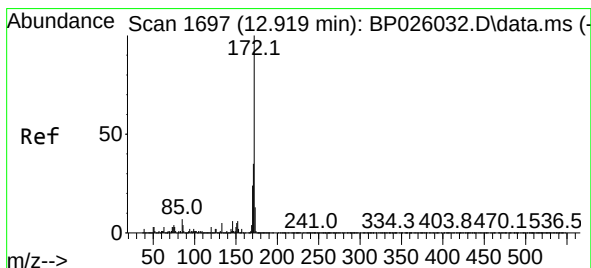
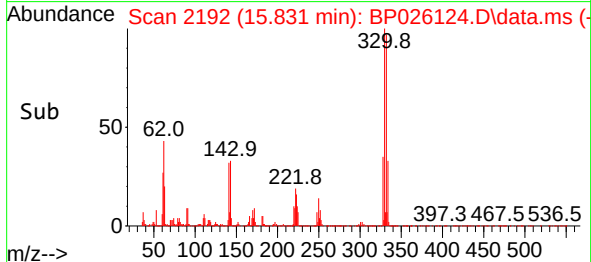
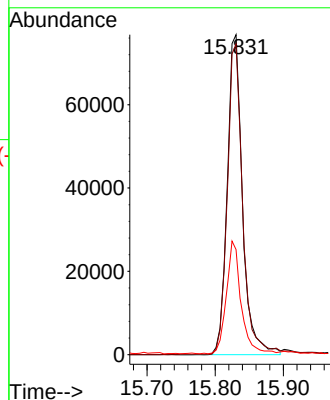
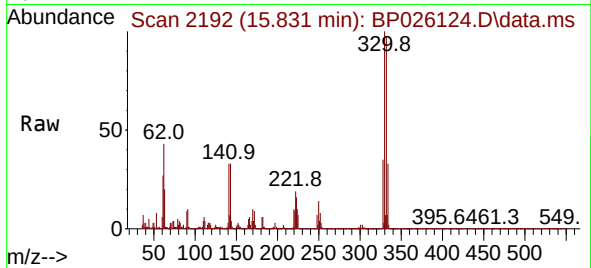
Tgt Ion:330 Resp: 119810

Ion Ratio Lower Upper

330 100

332 99.1 77.3 115.9

141 33.9 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 29.280 ng

RT: 12.919 min Scan# 1697

Delta R.T. -0.012 min

Lab File: BP026124.D

Acq: 12 Nov 2025 22:47

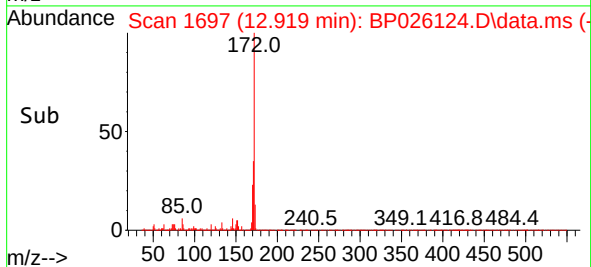
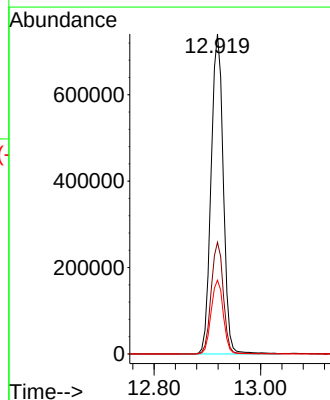
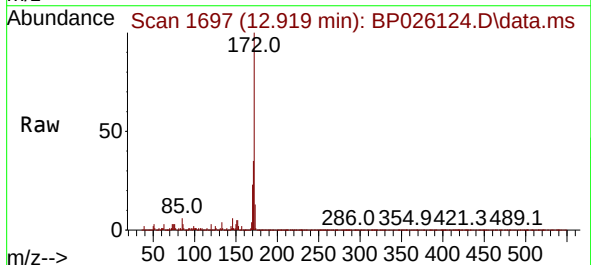
Tgt Ion:172 Resp: 1178273

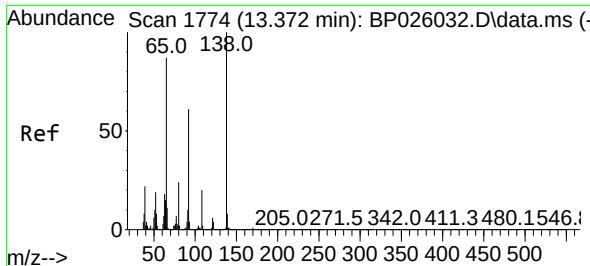
Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

170 23.0 19.0 28.4

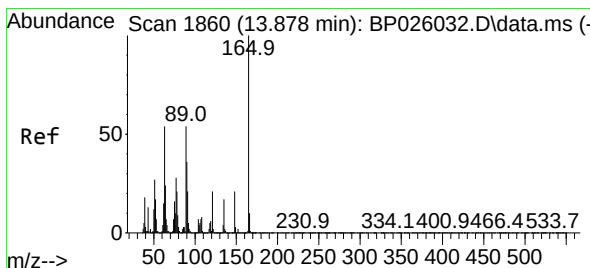
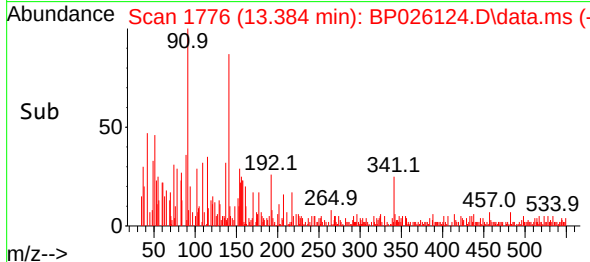
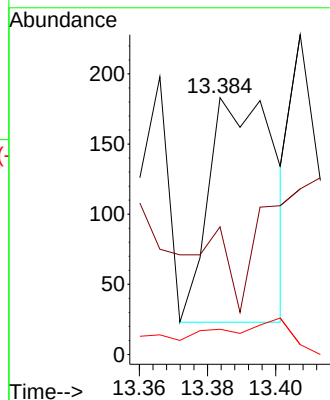
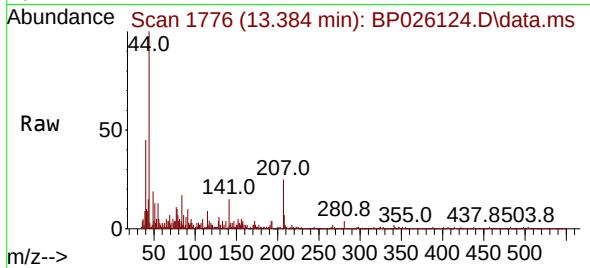




#48
2-Nitroaniline
Concen: 2.932 ng
RT: 13.384 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP026124.D
Acq: 12 Nov 2025 22:47

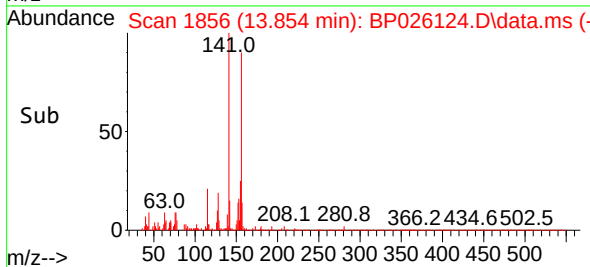
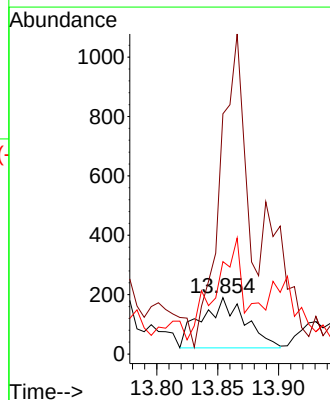
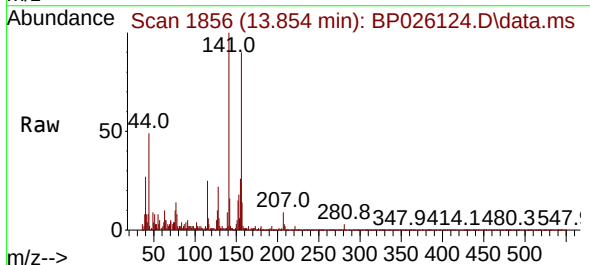
Instrument :
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EO-CONCRETE

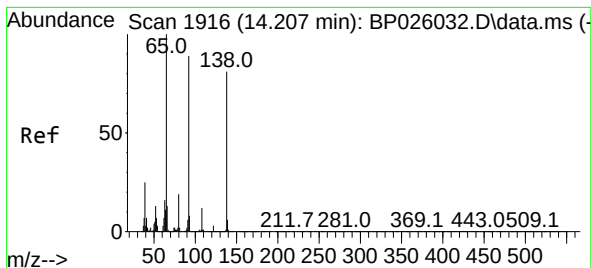
Tgt Ion: 65 Resp: 217
Ion Ratio Lower Upper
65 100
92 49.7 55.5 83.3#
138 9.8 91.7 137.5#



#51
2,6-Dinitrotoluene
Concen: 3.041 ng
RT: 13.854 min Scan# 1856
Delta R.T. -0.024 min
Lab File: BP026124.D
Acq: 12 Nov 2025 22:47

Tgt Ion: 165 Resp: 424
Ion Ratio Lower Upper
165 100
63 425.8 43.0 64.4#
89 163.7 43.0 64.4#

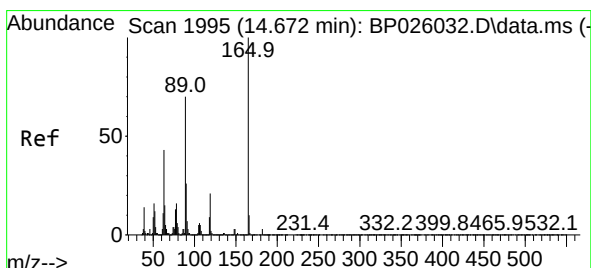
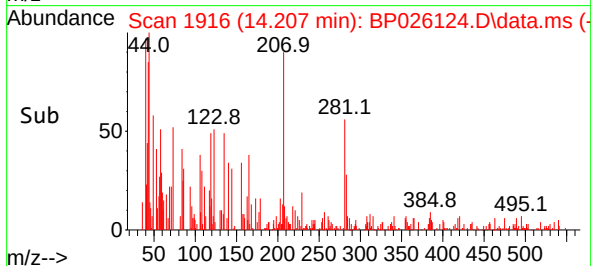
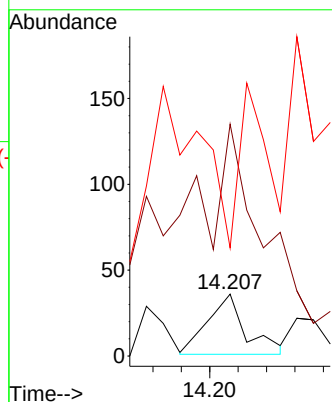
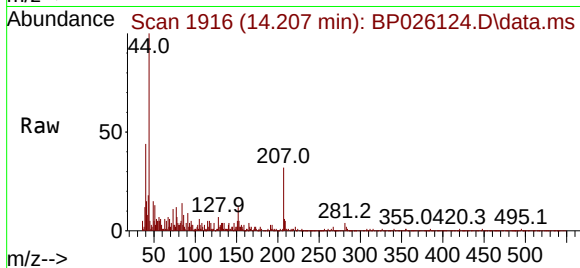




#53
3-Nitroaniline
Concen: 2.641 ng
RT: 14.207 min Scan# 1916
Delta R.T. 0.000 min
Lab File: BP026124.D
Acq: 12 Nov 2025 22:47

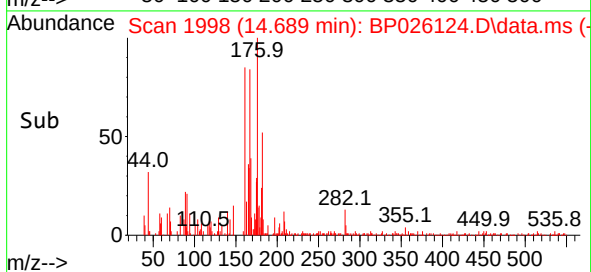
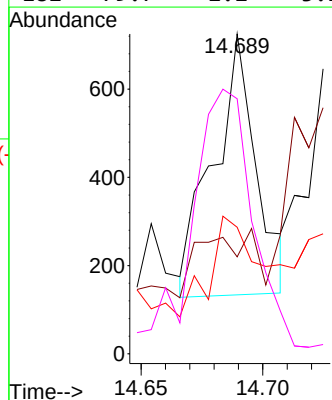
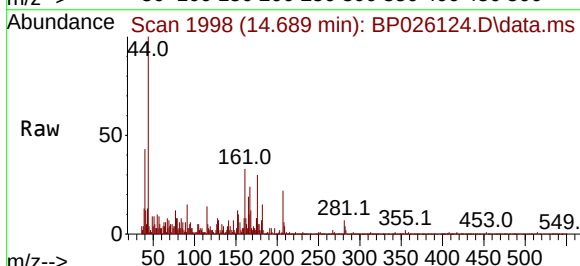
Instrument :
BNA_P
ClientSampleId :
EO-CONCRETE

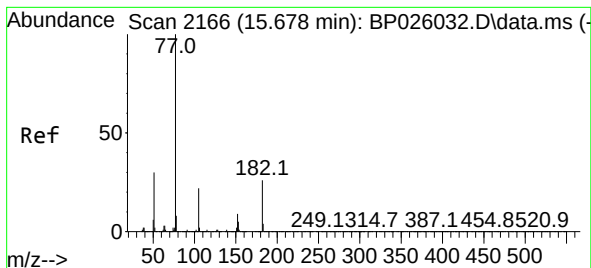
Tgt Ion:138 Resp: 33
Ion Ratio Lower Upper
138 100
108 375.0 11.4 17.0#
92 175.0 87.1 130.7#



#57
2,4-Dinitrotoluene
Concen: 3.146 ng
RT: 14.689 min Scan# 1998
Delta R.T. 0.011 min
Lab File: BP026124.D
Acq: 12 Nov 2025 22:47

Tgt Ion:165 Resp: 725
Ion Ratio Lower Upper
165 100
63 30.3 34.2 51.2#
89 39.6 56.0 84.0#
182 79.7 2.2 3.2#





#63

Azobenzene

Concen: 2.333 ng

RT: 15.701 min Scan# 2166

Delta R.T. 0.012 min

Lab File: BP026124.D

Acq: 12 Nov 2025 22:47

Instrument :

BNA_P

ClientSampleId :

EO-CONCRETE

Tgt Ion: 77 Resp: 89408

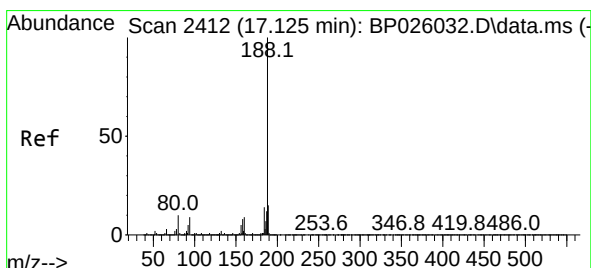
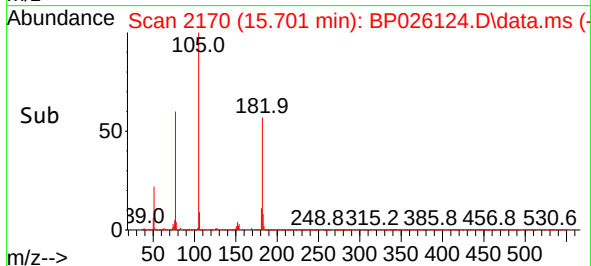
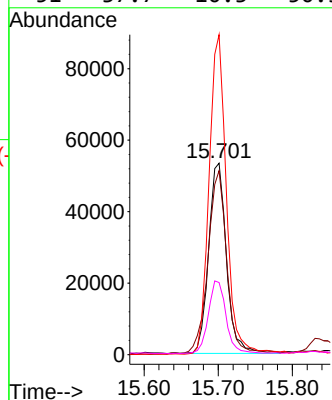
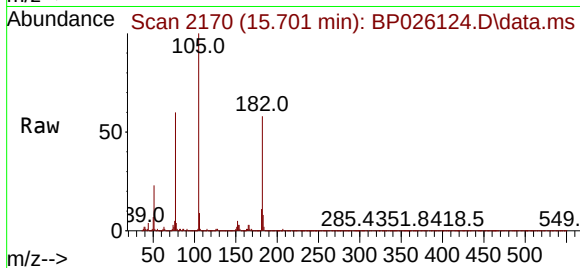
Ion Ratio Lower Upper

77 100

182 96.1 6.4 46.4#

105 167.1 2.2 42.2#

51 37.7 10.3 50.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.125 min Scan# 2412

Delta R.T. 0.000 min

Lab File: BP026124.D

Acq: 12 Nov 2025 22:47

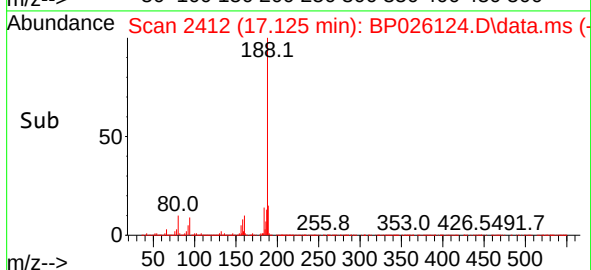
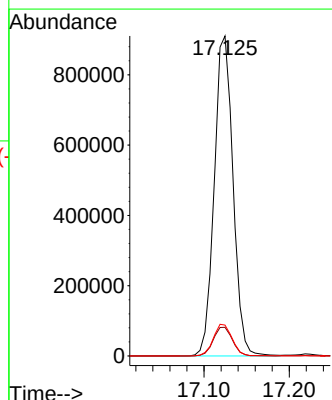
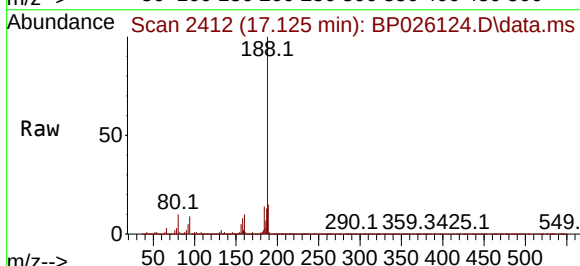
Tgt Ion:188 Resp: 1393014

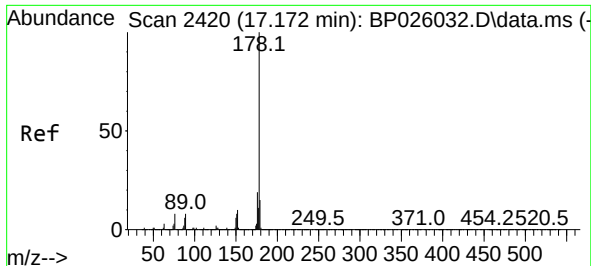
Ion Ratio Lower Upper

188 100

94 8.9 7.1 10.7

80 9.7 7.9 11.9

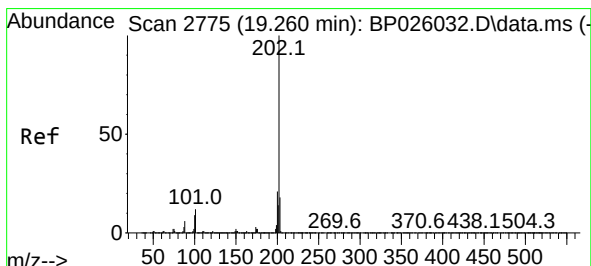
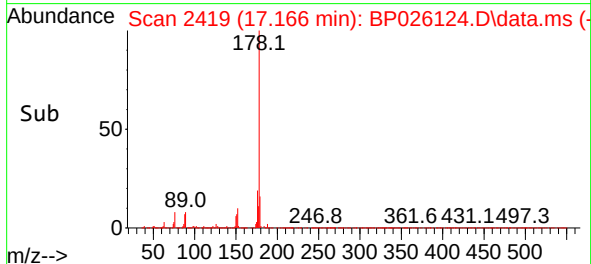
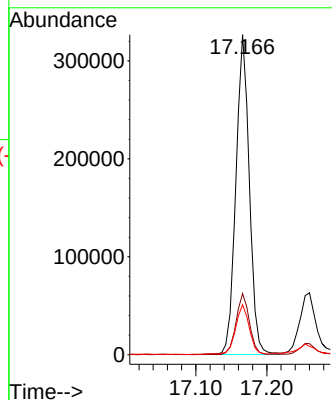
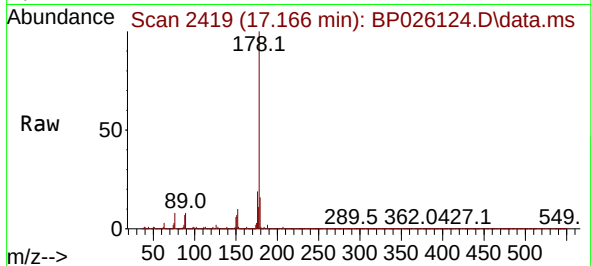




#71
Phenanthrene
Concen: 5.318 ng
RT: 17.166 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP026124.D
Acq: 12 Nov 2025 22:47

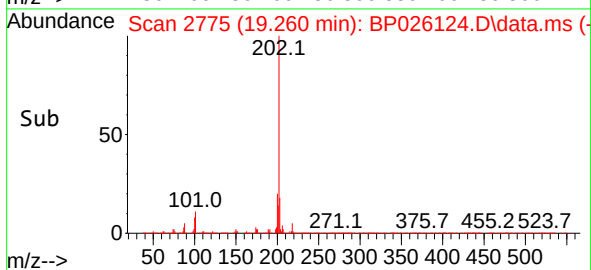
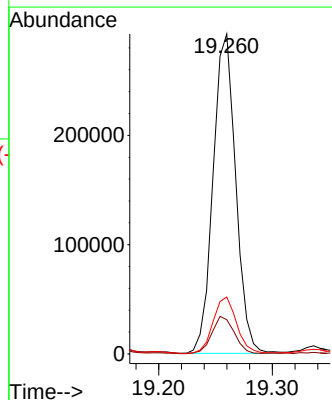
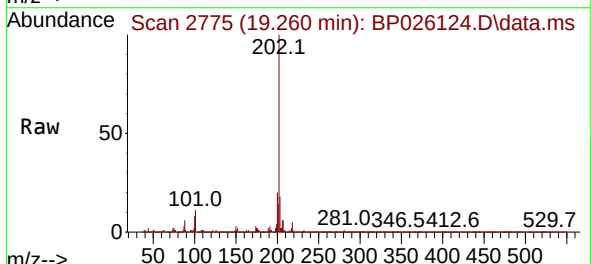
Instrument :
BNA_P
ClientSampleId :
EO-CONCRETE

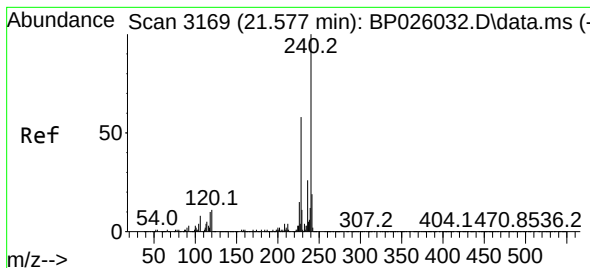
Tgt Ion:178 Resp: 431190
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.6 12.3 18.5



#75
Fluoranthene
Concen: 4.280 ng
RT: 19.260 min Scan# 2775
Delta R.T. -0.000 min
Lab File: BP026124.D
Acq: 12 Nov 2025 22:47

Tgt Ion:202 Resp: 404816
Ion Ratio Lower Upper
202 100
101 10.7 0.0 32.1
203 17.8 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.571 min Scan# 3169

Delta R.T. 0.006 min

Lab File: BP026124.D

Acq: 12 Nov 2025 22:47

Instrument :

BNA_P

ClientSampleId :

EO-CONCRETE

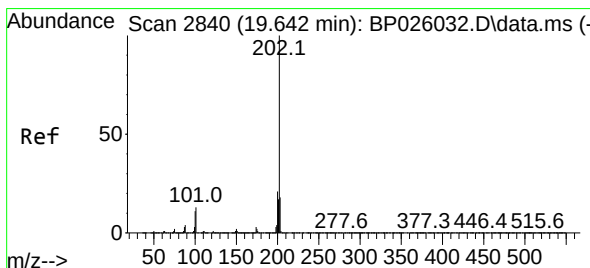
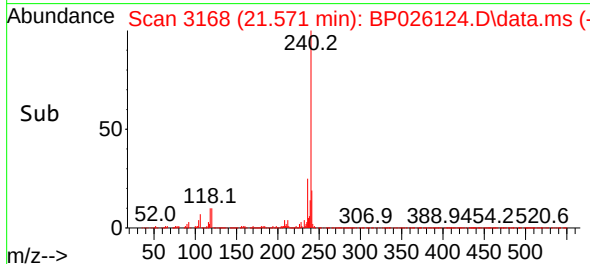
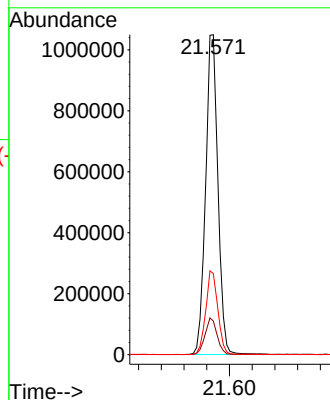
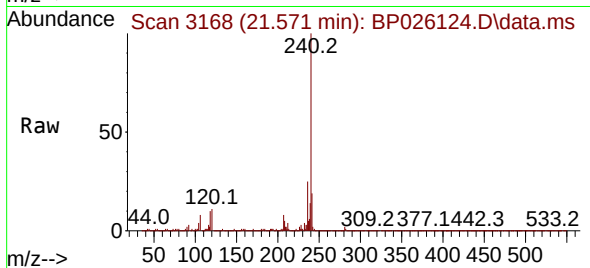
Tgt Ion:240 Resp: 1574279

Ion Ratio Lower Upper

240 100

120 10.5 8.9 13.3

236 25.4 20.6 31.0



#78

Pyrene

Concen: 6.765 ng

RT: 19.630 min Scan# 2838

Delta R.T. -0.006 min

Lab File: BP026124.D

Acq: 12 Nov 2025 22:47

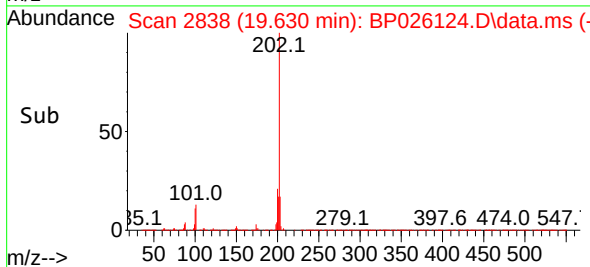
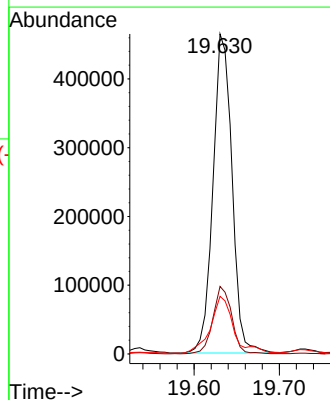
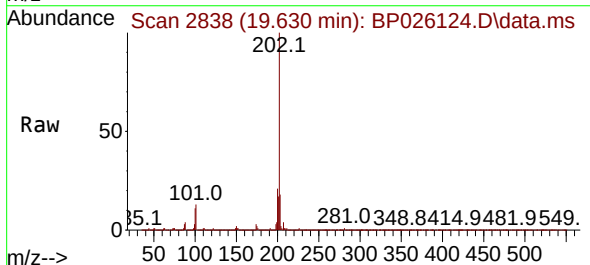
Tgt Ion:202 Resp: 720308

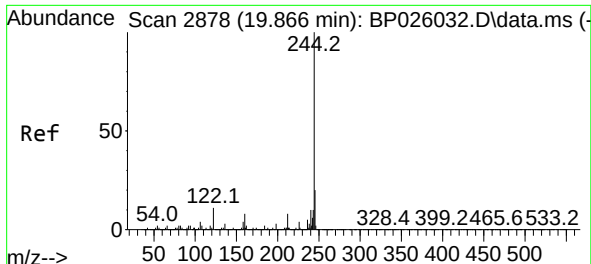
Ion Ratio Lower Upper

202 100

200 21.1 16.6 25.0

203 18.0 14.0 21.0

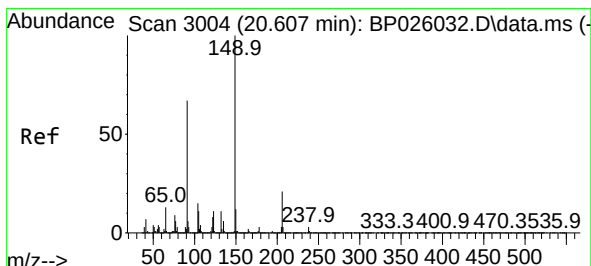
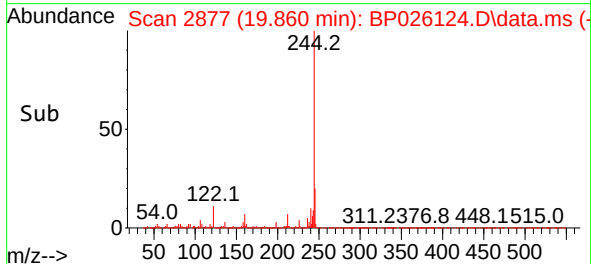
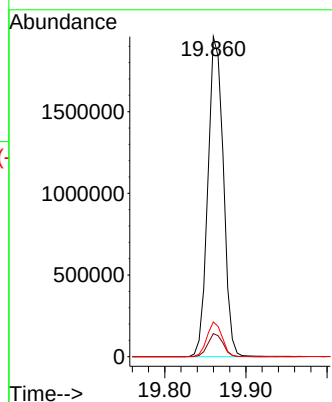
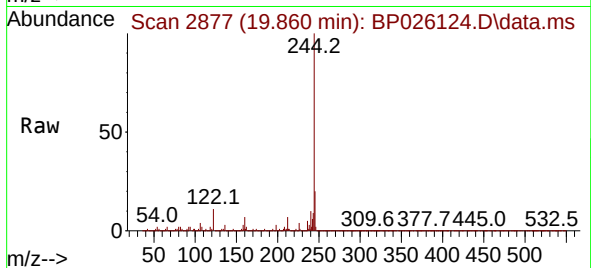




#79
 Terphenyl-d14
 Concen: 33.362 ng
 RT: 19.860 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP026124.D
 Acq: 12 Nov 2025 22:47

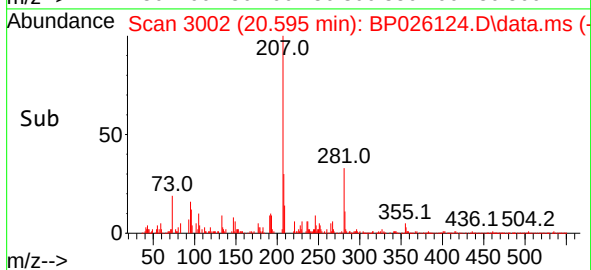
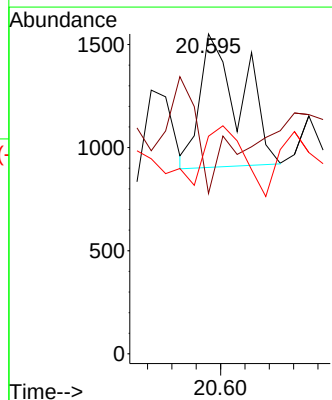
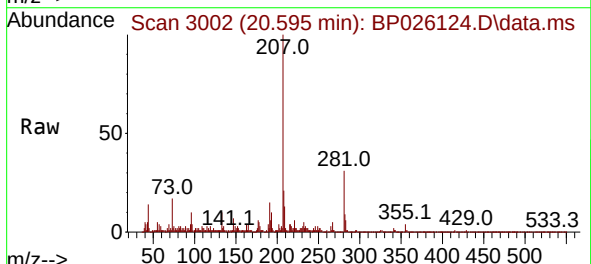
Instrument :
 BNA_P
 ClientSampleId :
 EO-CONCRETE

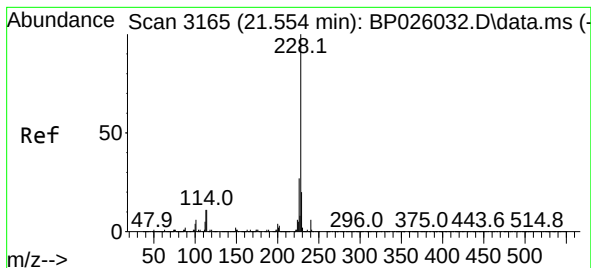
Tgt Ion:244 Resp: 2585116
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.9 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 3.415 ng
 RT: 20.595 min Scan# 3002
 Delta R.T. -0.012 min
 Lab File: BP026124.D
 Acq: 12 Nov 2025 22:47

Tgt Ion:149 Resp: 754
 Ion Ratio Lower Upper
 149 100
 91 50.2 53.5 80.3#
 206 68.0 16.6 25.0#





#81

Benzo(a)anthracene

Concen: 2.638 ng

RT: 21.548 min Scan# 3164

Delta R.T. -0.000 min

Lab File: BP026124.D

Acq: 12 Nov 2025 22:47

Instrument :

BNA_P

ClientSampleId :

EO-CONCRETE

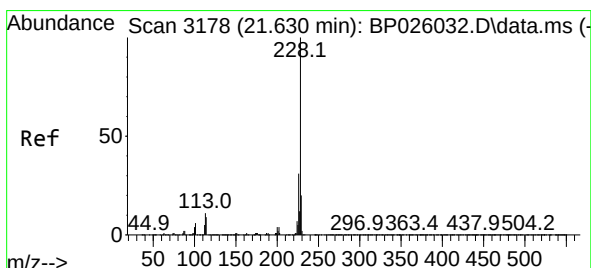
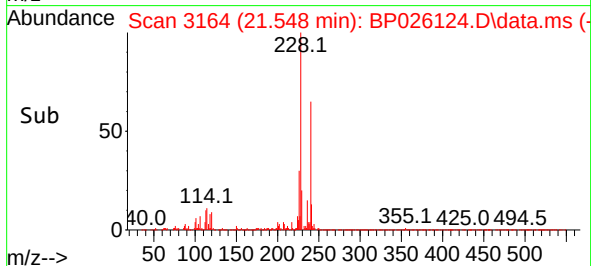
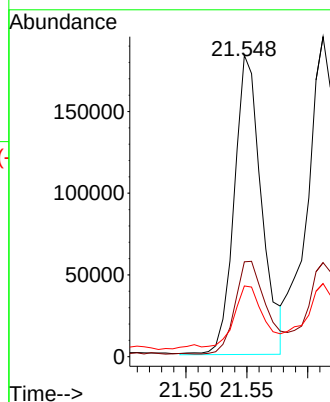
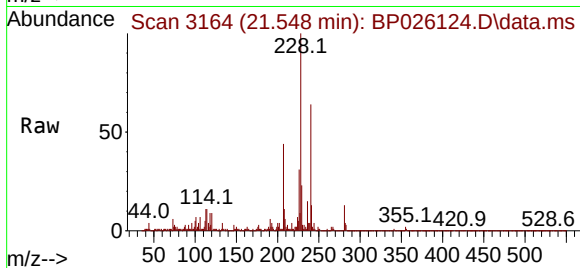
Tgt Ion:228 Resp: 285401

Ion Ratio Lower Upper

228 100

226 31.5 21.7 32.5

229 23.5 15.8 23.8



#83

Chrysene

Concen: 3.227 ng

RT: 21.613 min Scan# 3175

Delta R.T. -0.006 min

Lab File: BP026124.D

Acq: 12 Nov 2025 22:47

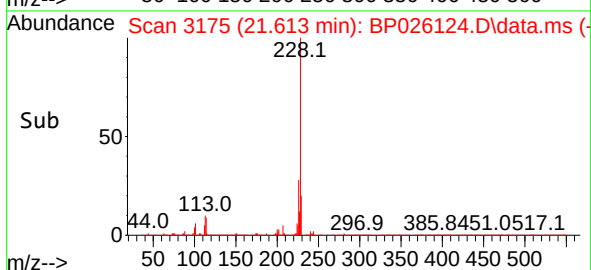
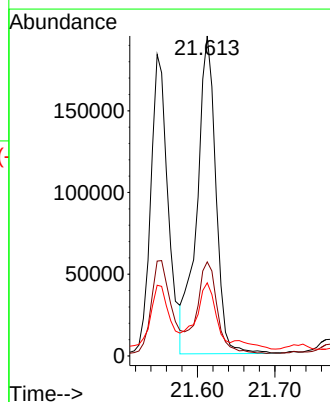
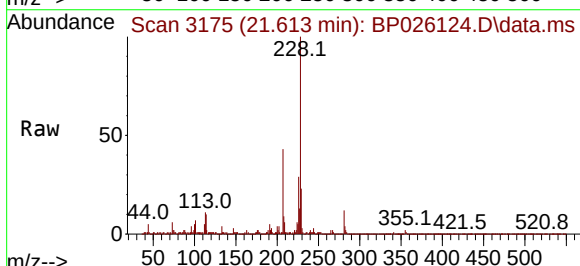
Tgt Ion:228 Resp: 330705

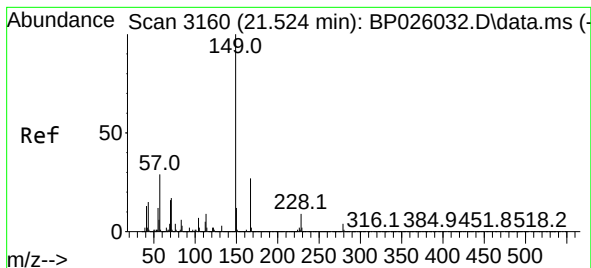
Ion Ratio Lower Upper

228 100

226 29.4 24.4 36.6

229 22.9 16.0 24.0

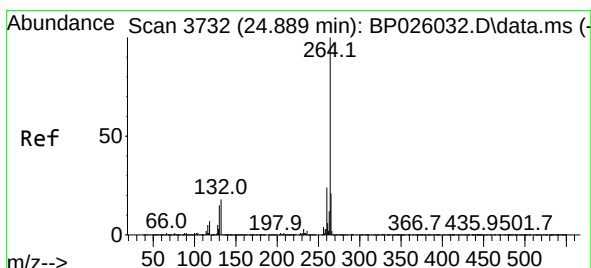
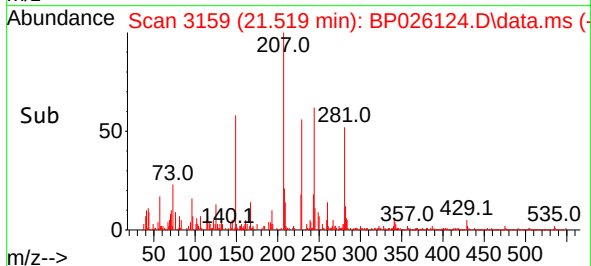
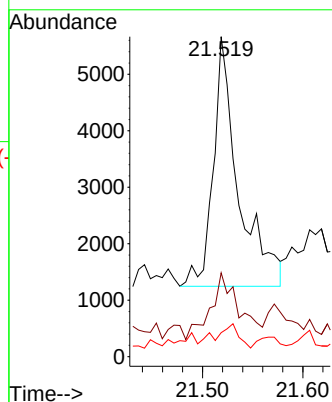
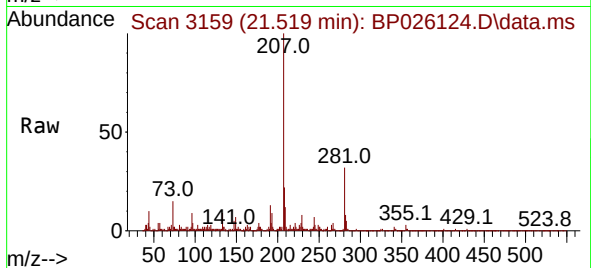




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.712 ng
 RT: 21.519 min Scan# 3160
 Delta R.T. 0.001 min
 Lab File: BP026124.D
 Acq: 12 Nov 2025 22:47

Instrument :
 BNA_P
 ClientSampleId :
 EO-CONCRETE

Tgt Ion:149 Resp: 7684
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.5 32.3
 279 7.5 3.0 4.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.895 min Scan# 3733
 Delta R.T. 0.012 min
 Lab File: BP026124.D
 Acq: 12 Nov 2025 22:47

Tgt Ion:264 Resp: 1742984
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 21.8 17.2 25.8

