

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111325\
 Data File : BP026133.D
 Acq On : 13 Nov 2025 18:23
 Operator : RC/JU
 Sample : Q3600-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CENTRAL-ROW-CONCRETE

Quant Time: Nov 14 03:53:11 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)

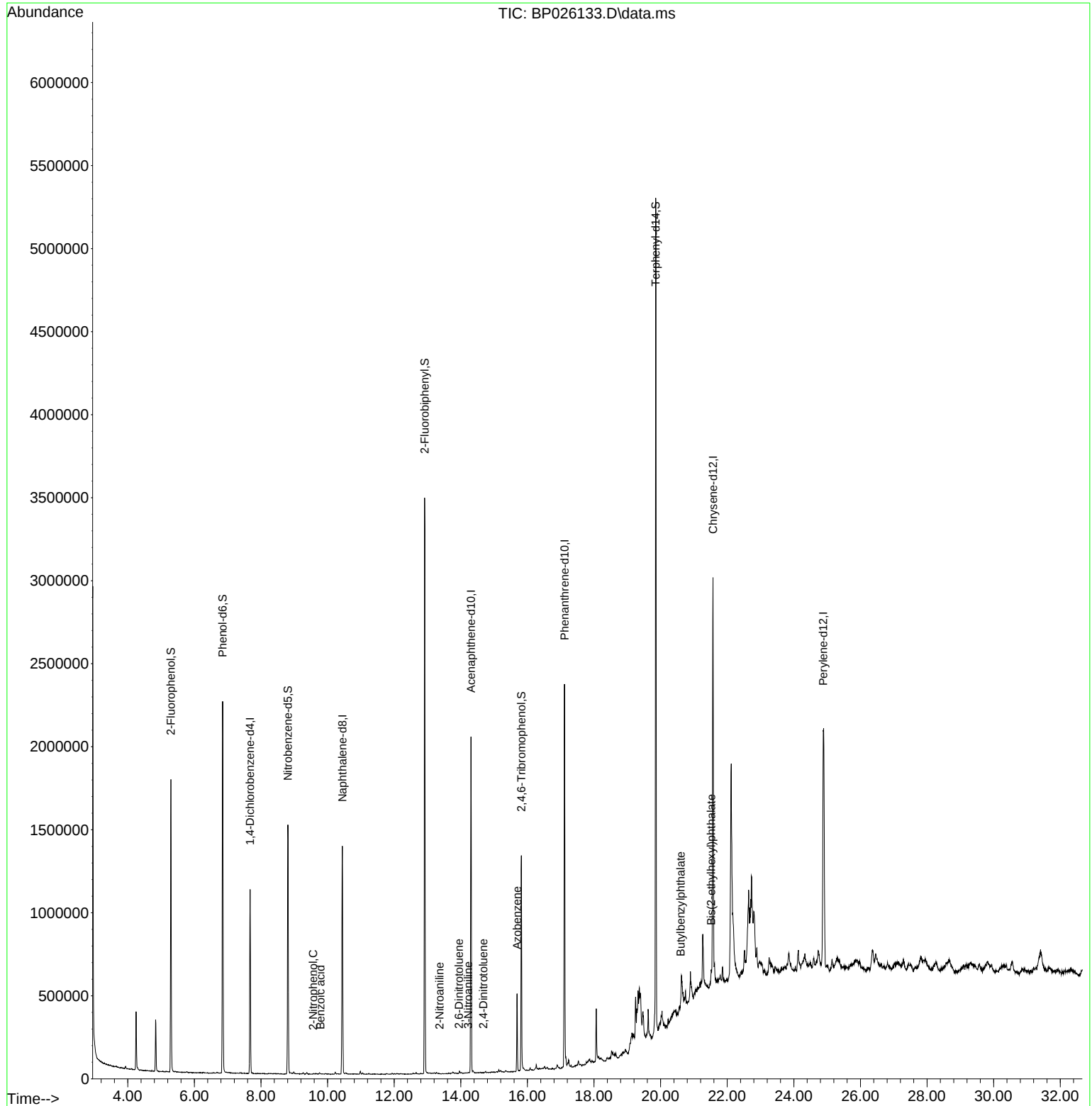
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	321212	20.000	ng	-0.02
21) Naphthalene-d8	10.443	136	1221556	20.000	ng	-0.01
39) Acenaphthene-d10	14.307	164	737777	20.000	ng	-0.01
64) Phenanthrene-d10	17.113	188	1442914	20.000	ng	-0.01
76) Chrysene-d12	21.571	240	1480542	20.000	ng	0.00
86) Perylene-d12	24.883	264	1658059	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	805342	41.371	ng	0.00
7) Phenol-d6	6.849	99	1345644	54.311	ng	0.00
23) Nitrobenzene-d5	8.807	82	836863	42.708	ng	-0.02
42) 2,4,6-Tribromophenol	15.819	330	244900	30.704	ng	-0.01
45) 2-Fluorobiphenyl	12.913	172	1820862	35.464	ng	-0.02
79) Terphenyl-d14	19.854	244	2674478	36.701	ng	-0.01
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.566	139	58	2.684	ng	# 1
32) Benzoic acid	9.784	122	81	3.126	ng	# 1
48) 2-Nitroaniline	13.360	65	136	2.921	ng	# 38
51) 2,6-Dinitrotoluene	13.942	165	41	2.995	ng	# 89
53) 3-Nitroaniline	14.219	138	128	2.648	ng	# 1
57) 2,4-Dinitrotoluene	14.678	165	156	3.097	ng	# 64
63) Azobenzene	15.689	77	127048	2.598	ng	# 1
80) Butylbenzylphthalate	20.601	149	2413	3.457	ng	# 54
84) Bis(2-ethylhexyl)phtha...	21.519	149	19336	2.904	ng	# 95

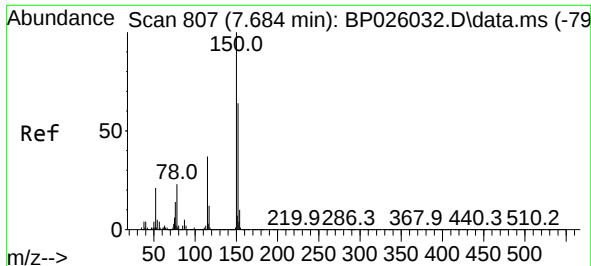
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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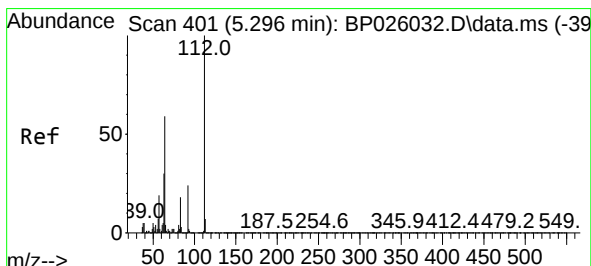
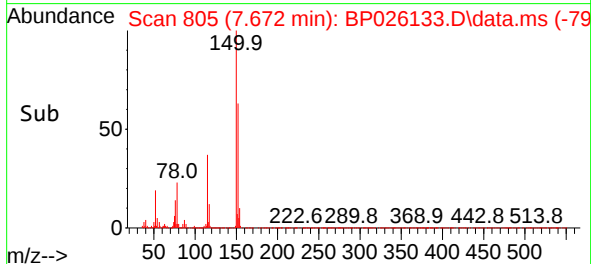
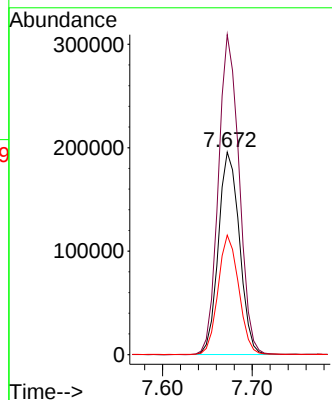
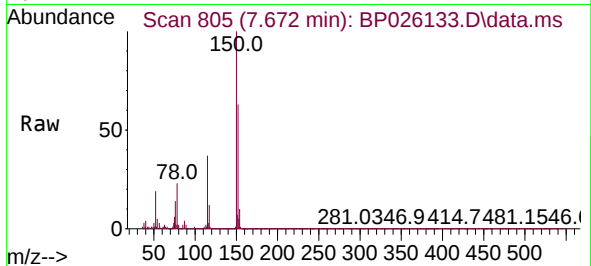




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 807
Delta R.T. -0.018 min
Lab File: BP026133.D
Acq: 13 Nov 2025 18:23

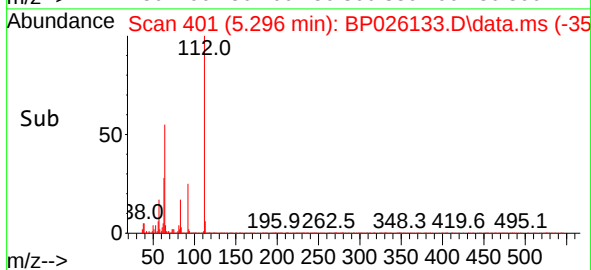
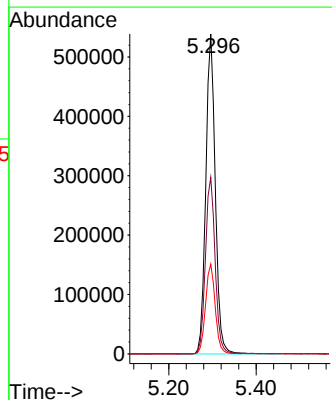
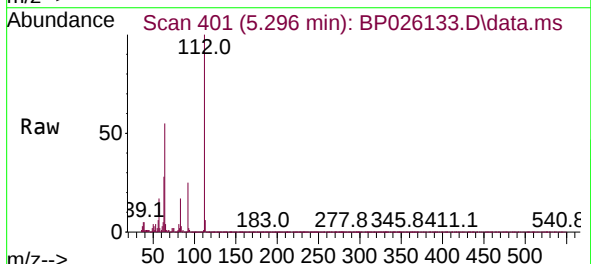
Instrument :
BNA_P
ClientSampleId :
CENTRAL-ROW-CONCRETE

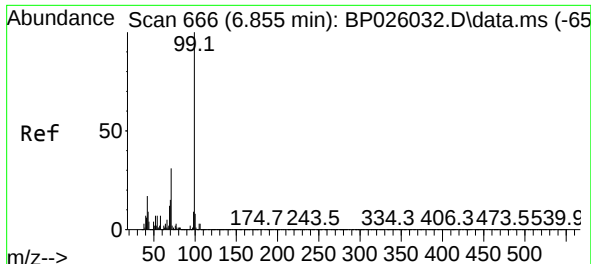
Tgt Ion:152 Resp: 321212
Ion Ratio Lower Upper
152 100
150 158.1 125.7 188.5
115 59.0 46.4 69.6



#5
2-Fluorophenol
Concen: 41.371 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026133.D
Acq: 13 Nov 2025 18:23

Tgt Ion:112 Resp: 805342
Ion Ratio Lower Upper
112 100
64 55.2 47.4 71.2
63 28.1 24.2 36.4

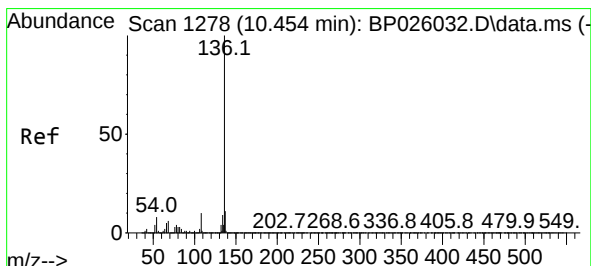
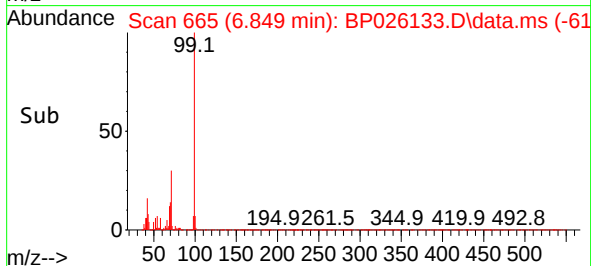
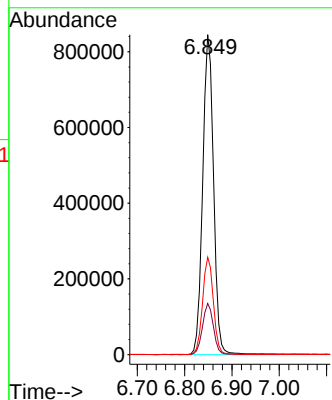
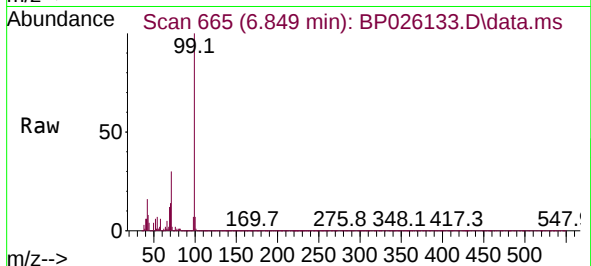




#7
Phenol-d6
Concen: 54.311 ng
RT: 6.849 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026133.D
Acq: 13 Nov 2025 18:23

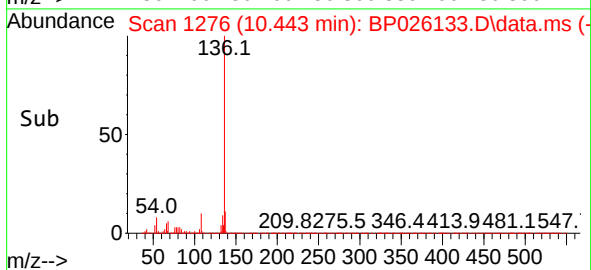
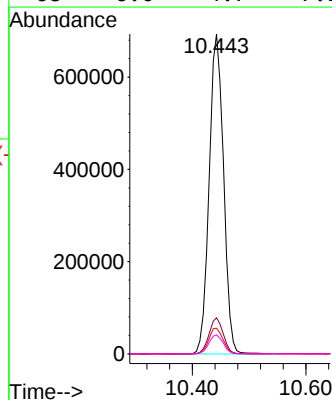
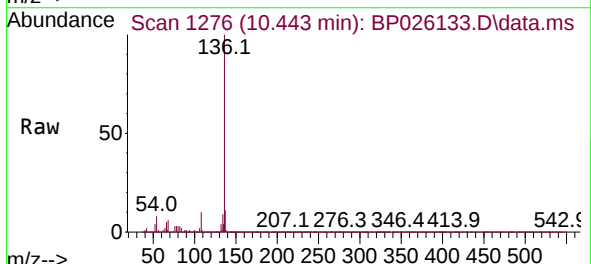
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BNA_P
ClientSampleId :
CENTRAL-ROW-CONCRETE

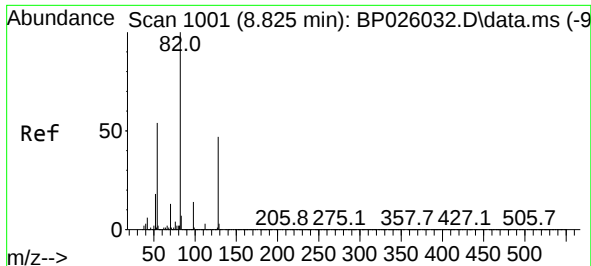
Tgt Ion: 99 Resp: 1345644
Ion Ratio Lower Upper
99 100
42 16.0 13.7 20.5
71 30.4 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1276
Delta R.T. -0.011 min
Lab File: BP026133.D
Acq: 13 Nov 2025 18:23

Tgt Ion: 136 Resp: 1221556
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.0 6.6 10.0
68 6.0 4.7 7.1

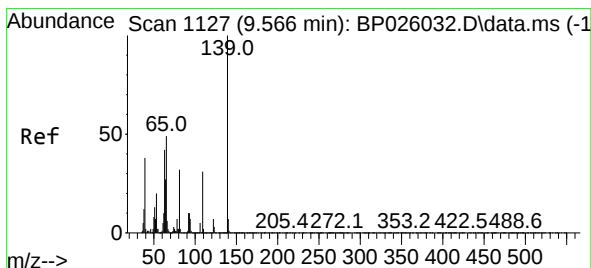
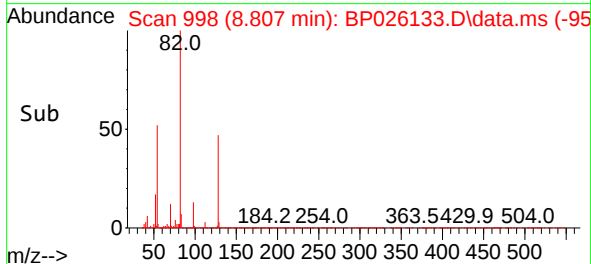
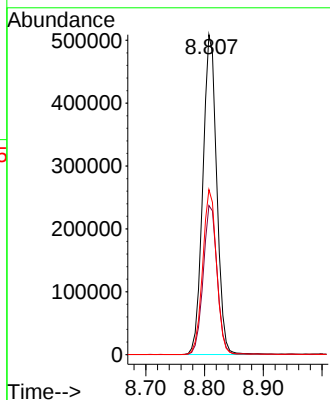
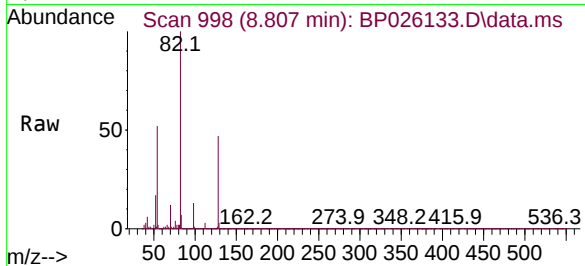




#23
Nitrobenzene-d5
Concen: 42.708 ng
RT: 8.807 min Scan# 998
Delta R.T. -0.017 min
Lab File: BP026133.D
Acq: 13 Nov 2025 18:23

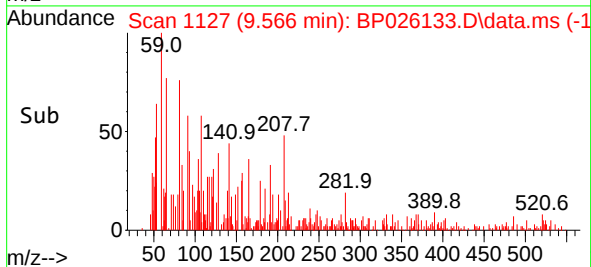
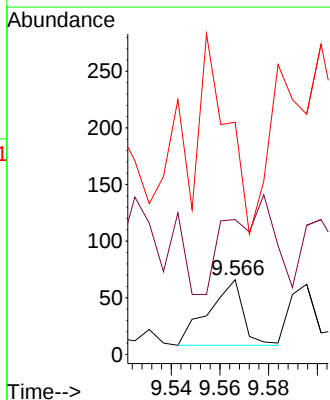
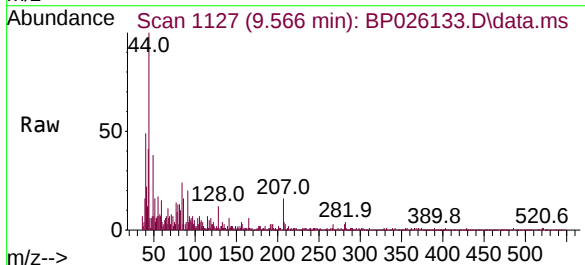
Instrument :
BNA_P
ClientSampleId :
CENTRAL-ROW-CONCRETE

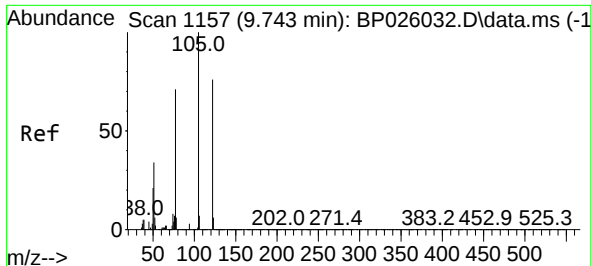
Tgt Ion: 82 Resp: 836863
Ion Ratio Lower Upper
82 100
128 46.6 37.4 56.0
54 51.6 42.7 64.1



#26
2-Nitrophenol
Concen: 2.684 ng
RT: 9.566 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BP026133.D
Acq: 13 Nov 2025 18:23

Tgt Ion: 139 Resp: 58
Ion Ratio Lower Upper
139 100
109 146.9 24.8 37.2#
65 253.1 39.0 58.4#

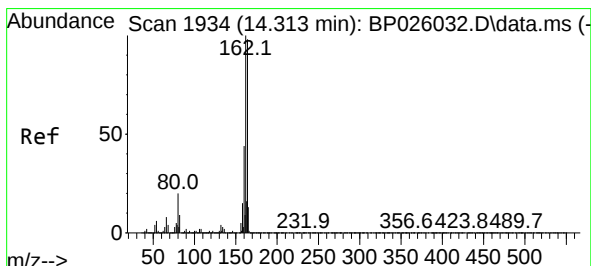
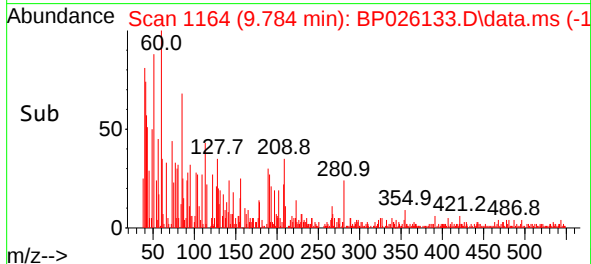
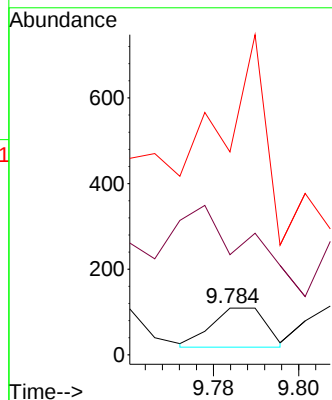
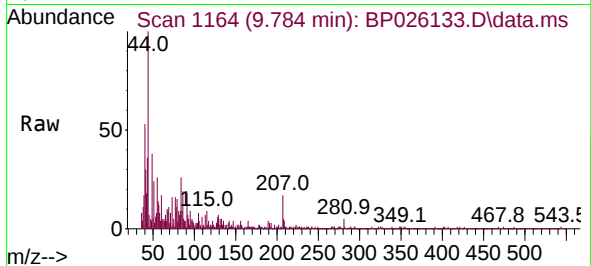




#32
Benzoic acid
Concen: 3.126 ng
RT: 9.784 min Scan# 1157
Delta R.T. 0.006 min
Lab File: BP026133.D
Acq: 13 Nov 2025 18:23

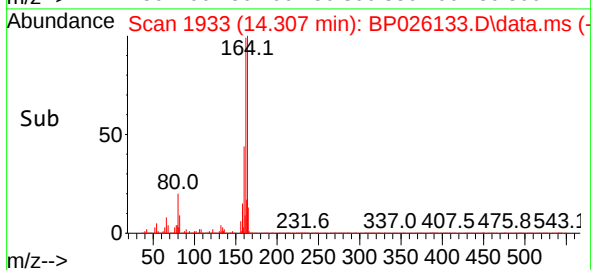
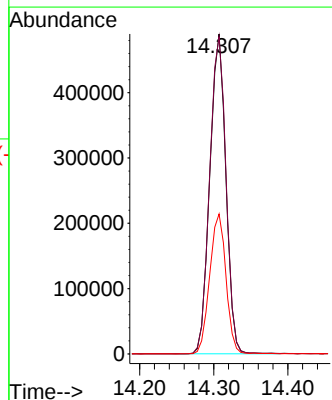
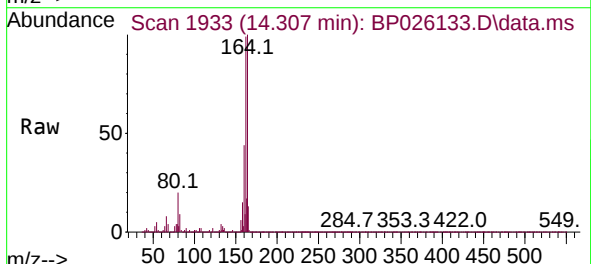
Instrument :
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ClientSampleId :
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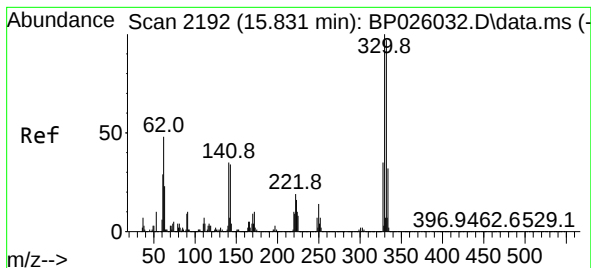
Tgt Ion:122 Resp: 81
Ion Ratio Lower Upper
122 100
105 214.7 104.8 144.8#
77 434.9 70.9 110.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BP026133.D
Acq: 13 Nov 2025 18:23

Tgt Ion:164 Resp: 737777
Ion Ratio Lower Upper
164 100
162 99.1 81.5 122.3
160 43.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 30.704 ng

RT: 15.819 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP026133.D

Acq: 13 Nov 2025 18:23

Instrument :

BNA_P

ClientSampleId :

CENTRAL-ROW-CONCRETE

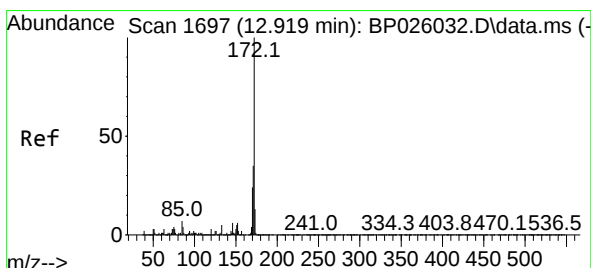
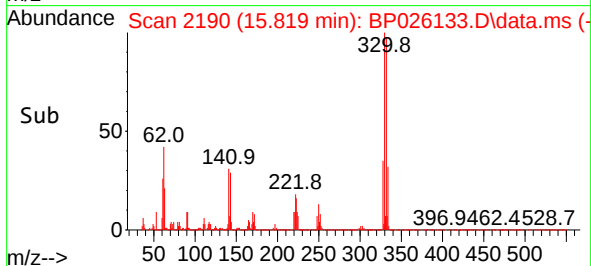
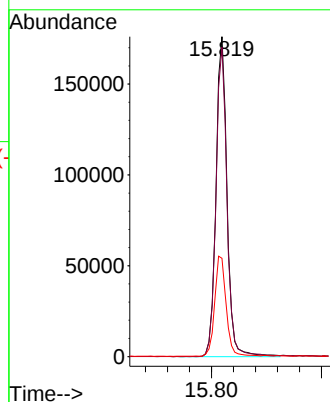
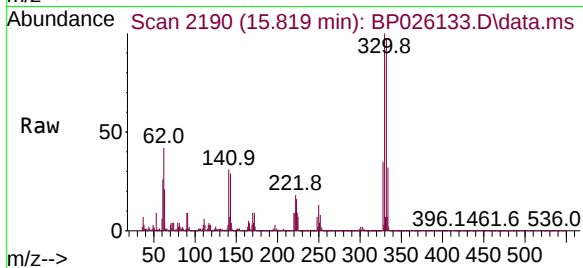
Tgt Ion:330 Resp: 244900

Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

141 32.4 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 35.464 ng

RT: 12.913 min Scan# 1696

Delta R.T. -0.018 min

Lab File: BP026133.D

Acq: 13 Nov 2025 18:23

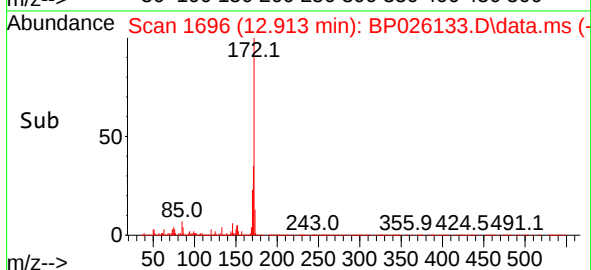
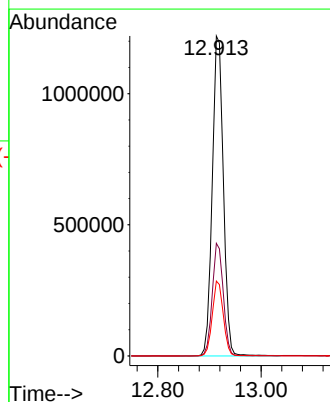
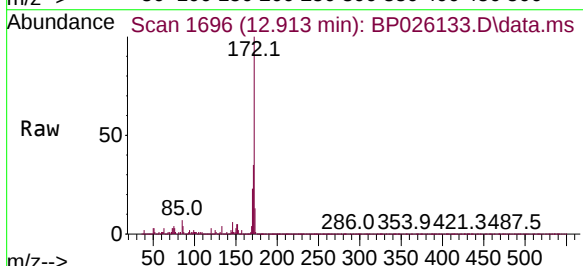
Tgt Ion:172 Resp: 1820862

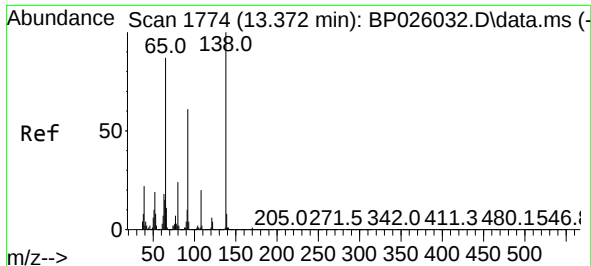
Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

170 23.4 19.0 28.4

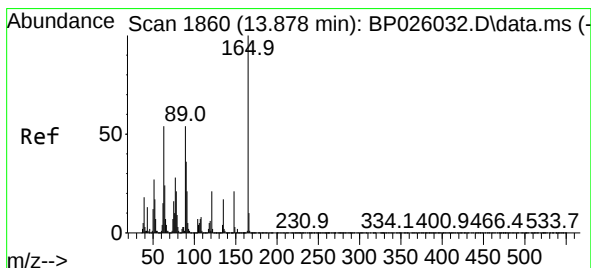
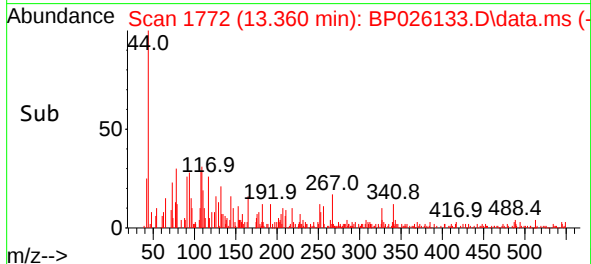
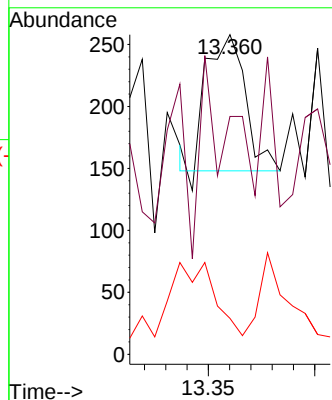
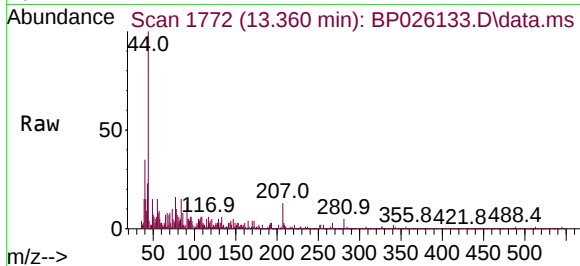




#48
2-Nitroaniline
Concen: 2.921 ng
RT: 13.360 min Scan# 1771
Delta R.T. -0.018 min
Lab File: BP026133.D
Acq: 13 Nov 2025 18:23

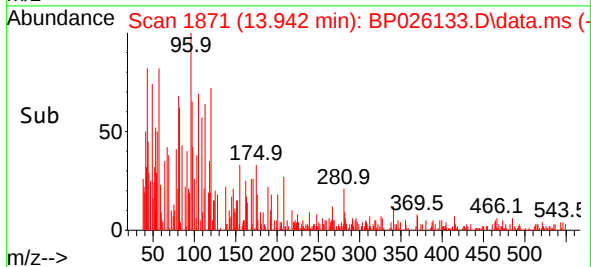
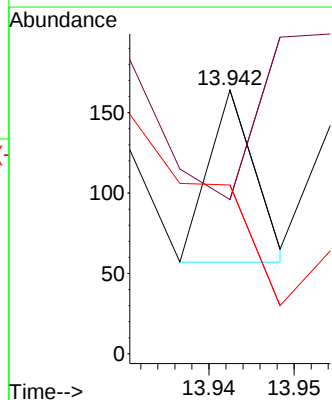
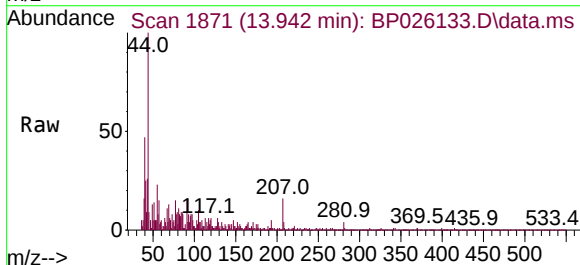
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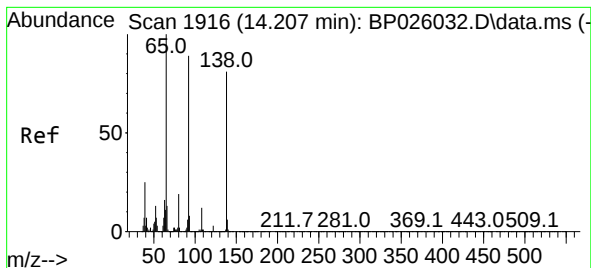
Tgt Ion: 65 Resp: 136
Ion Ratio Lower Upper
65 100
92 74.4 55.5 83.3
138 11.2 91.7 137.5#



#51
2,6-Dinitrotoluene
Concen: 2.995 ng
RT: 13.942 min Scan# 1871
Delta R.T. 0.064 min
Lab File: BP026133.D
Acq: 13 Nov 2025 18:23

Tgt Ion: 165 Resp: 41
Ion Ratio Lower Upper
165 100
63 58.5 43.0 64.4
89 64.0 43.0 64.4

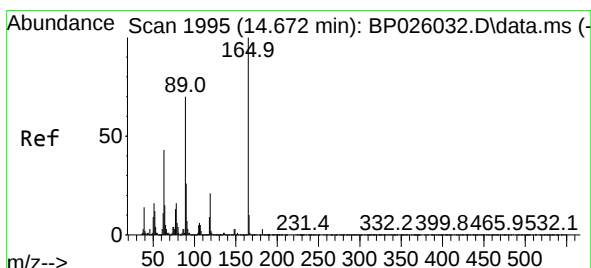
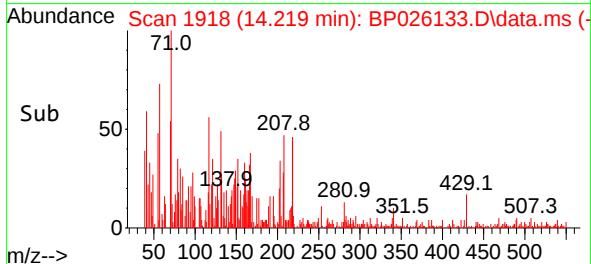
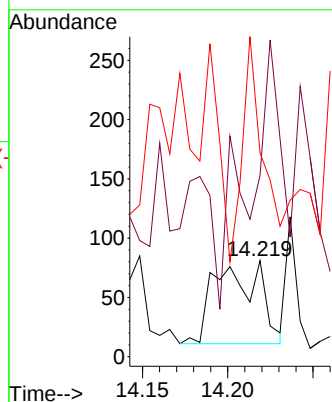
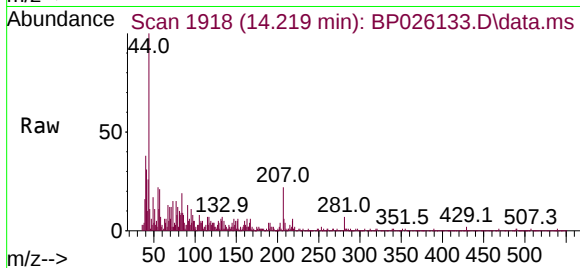




#53
3-Nitroaniline
Concen: 2.648 ng
RT: 14.219 min Scan# 1918
Delta R.T. 0.012 min
Lab File: BP026133.D
Acq: 13 Nov 2025 18:23

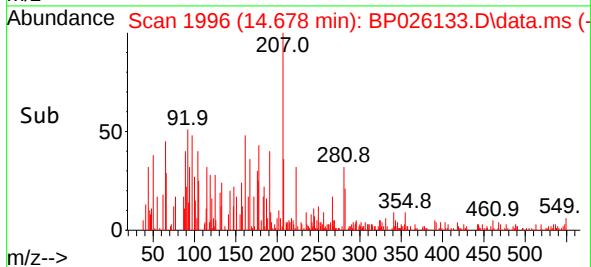
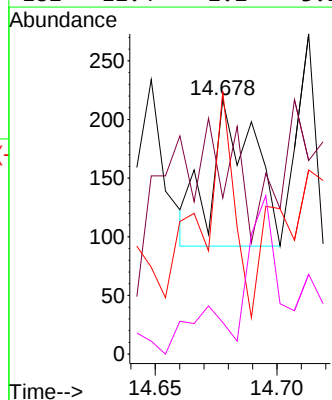
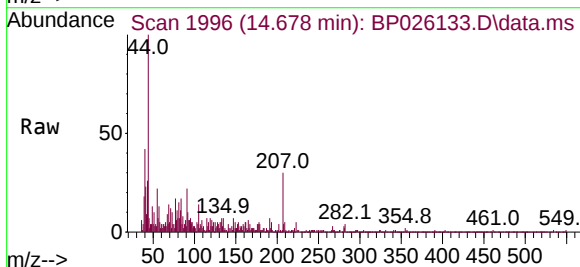
Instrument :
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ClientSampleId :
CENTRAL-ROW-CONCRETE

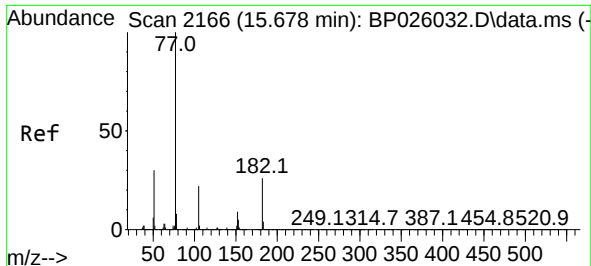
Tgt Ion:138 Resp: 128
Ion Ratio Lower Upper
138 100
108 188.9 11.4 17.0#
92 212.3 87.1 130.7#



#57
2,4-Dinitrotoluene
Concen: 3.097 ng
RT: 14.678 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BP026133.D
Acq: 13 Nov 2025 18:23

Tgt Ion:165 Resp: 156
Ion Ratio Lower Upper
165 100
63 61.3 34.2 51.2#
89 103.2 56.0 84.0#
182 12.4 2.2 3.2#

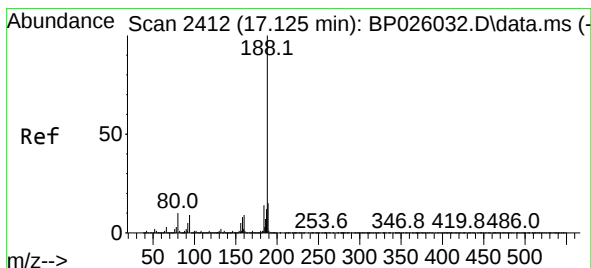
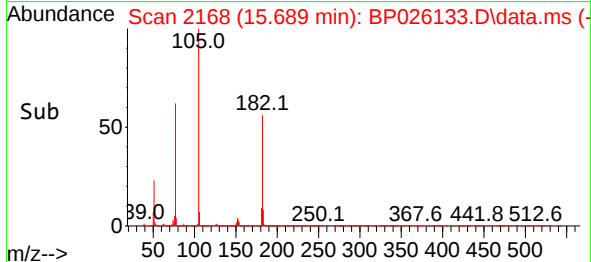
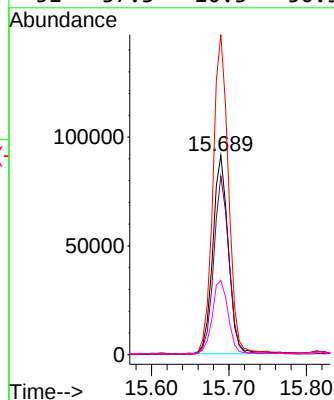
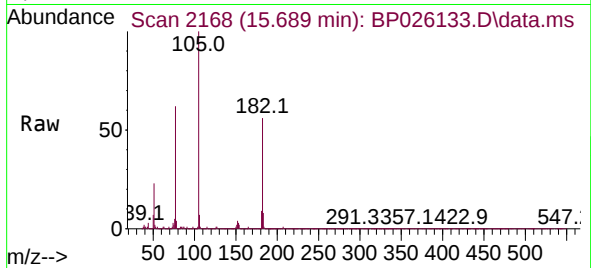




#63
Azobenzene
Concen: 2.598 ng
RT: 15.689 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP026133.D
Acq: 13 Nov 2025 18:23

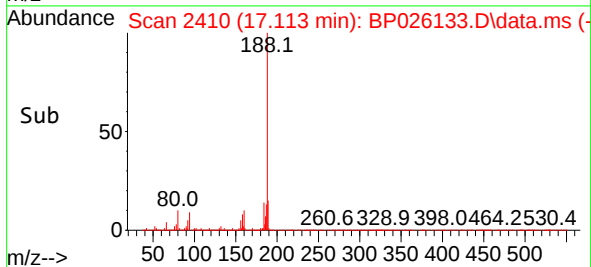
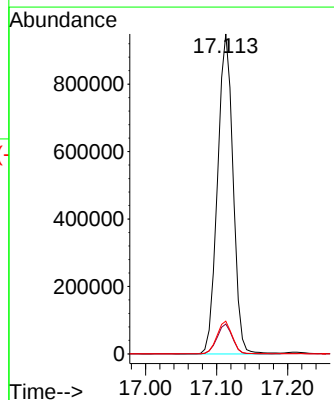
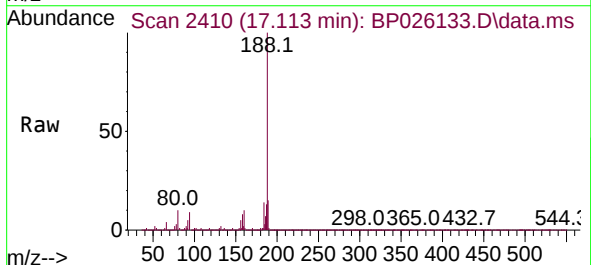
Instrument :
BNA_P
ClientSampleId :
CENTRAL-ROW-CONCRETE

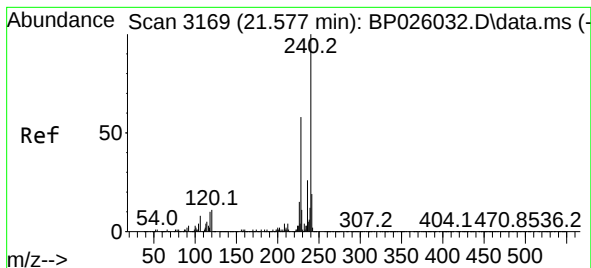
Tgt Ion: 77 Resp: 127048
Ion Ratio Lower Upper
77 100
182 89.7 6.4 46.4#
105 160.7 2.2 42.2#
51 37.3 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.113 min Scan# 2410
Delta R.T. -0.012 min
Lab File: BP026133.D
Acq: 13 Nov 2025 18:23

Tgt Ion:188 Resp: 1442914
Ion Ratio Lower Upper
188 100
94 9.3 7.1 10.7
80 10.2 7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.571 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP026133.D

Acq: 13 Nov 2025 18:23

Instrument :

BNA_P

ClientSampleId :

CENTRAL-ROW-CONCRETE

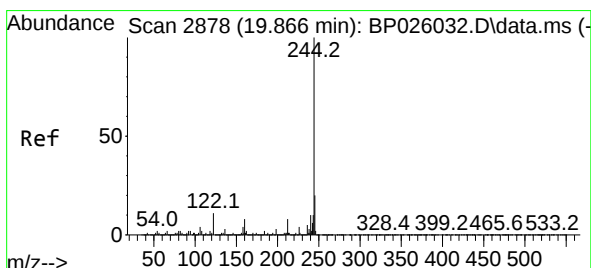
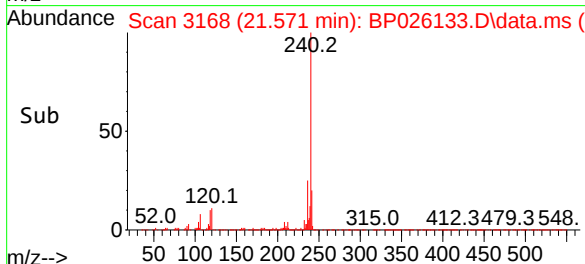
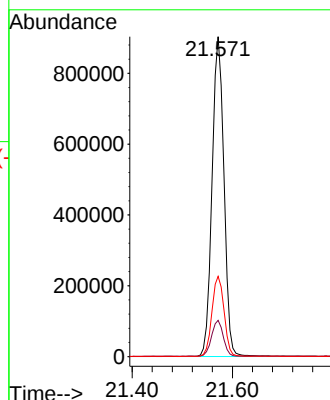
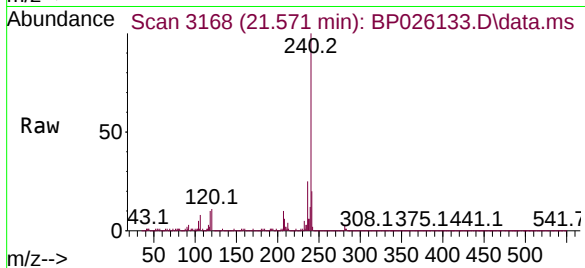
Tgt Ion:240 Resp: 1480542

Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

236 25.1 20.6 31.0



#79

Terphenyl-d14

Concen: 36.701 ng

RT: 19.854 min Scan# 2876

Delta R.T. -0.012 min

Lab File: BP026133.D

Acq: 13 Nov 2025 18:23

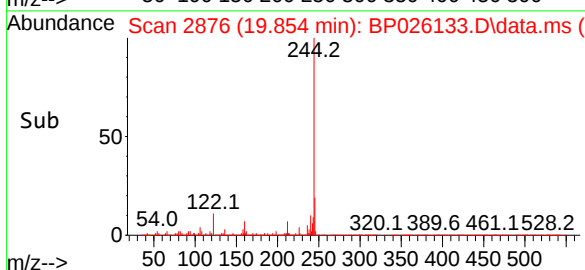
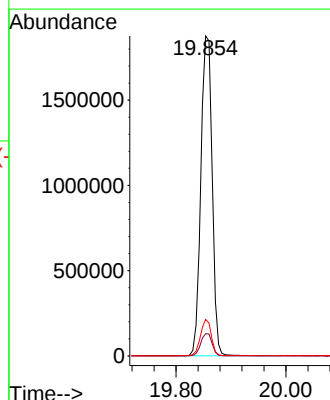
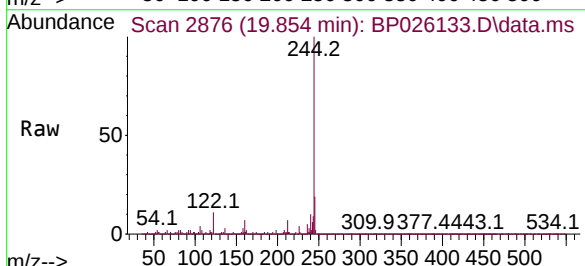
Tgt Ion:244 Resp: 2674478

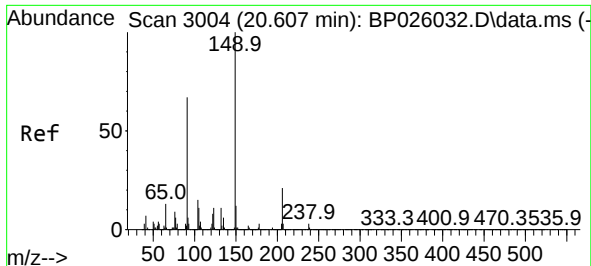
Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 11.4 9.0 13.6

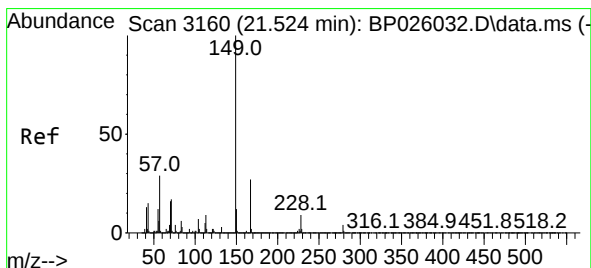
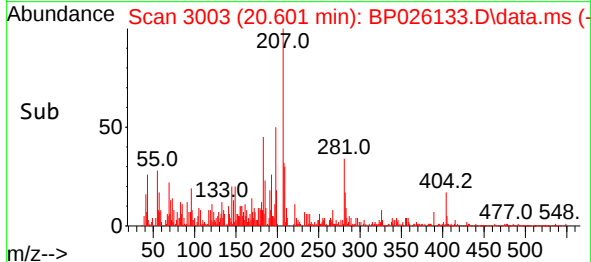
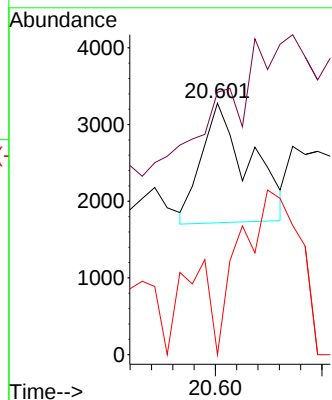
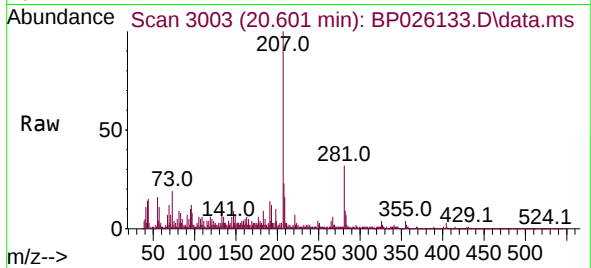




#80
Butylbenzylphthalate
Concen: 3.457 ng
RT: 20.601 min Scan# 3004
Delta R.T. -0.006 min
Lab File: BP026133.D
Acq: 13 Nov 2025 18:23

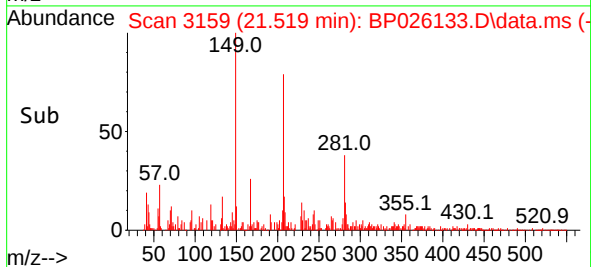
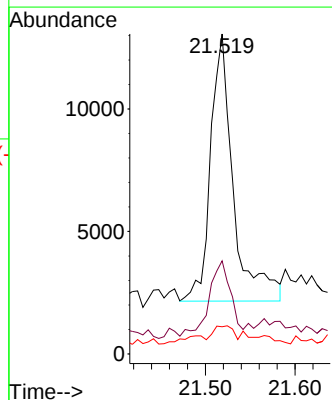
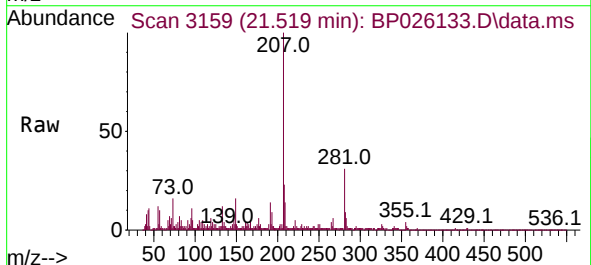
Instrument :
BNA_P
ClientSampleId :
CENTRAL-ROW-CONCRETE

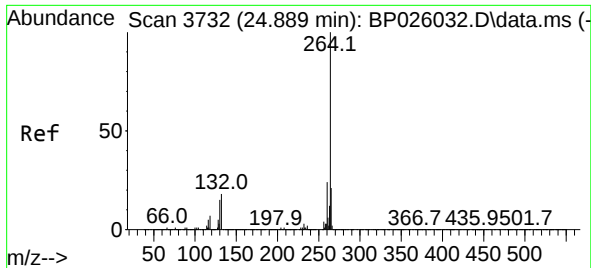
Tgt Ion:149 Resp: 2413
Ion Ratio Lower Upper
149 100
91 104.3 53.5 80.3#
206 0.0 16.6 25.0#



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.904 ng
RT: 21.519 min Scan# 3159
Delta R.T. 0.001 min
Lab File: BP026133.D
Acq: 13 Nov 2025 18:23

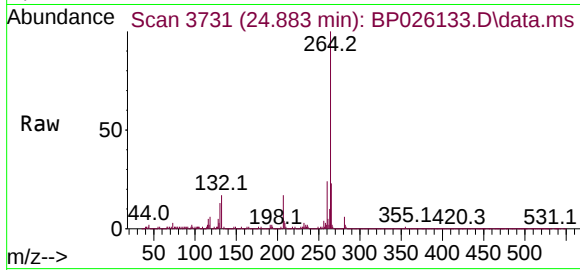
Tgt Ion:149 Resp: 19336
Ion Ratio Lower Upper
149 100
167 29.1 21.5 32.3
279 8.5 3.0 4.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.883 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP026133.D
Acq: 13 Nov 2025 18:23

Instrument :
BNA_P
ClientSampleId :
CENTRAL-ROW-CONCRETE



Tgt Ion:264 Resp: 1658059
Ion Ratio Lower Upper
264 100
260 23.5 19.1 28.7
265 22.7 17.2 25.8

