

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
 Data File : BP026092.D
 Acq On : 11 Nov 2025 16:11
 Operator : RC/JU
 Sample : Q3586-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SED-3

Quant Time: Nov 11 16:33:11 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)

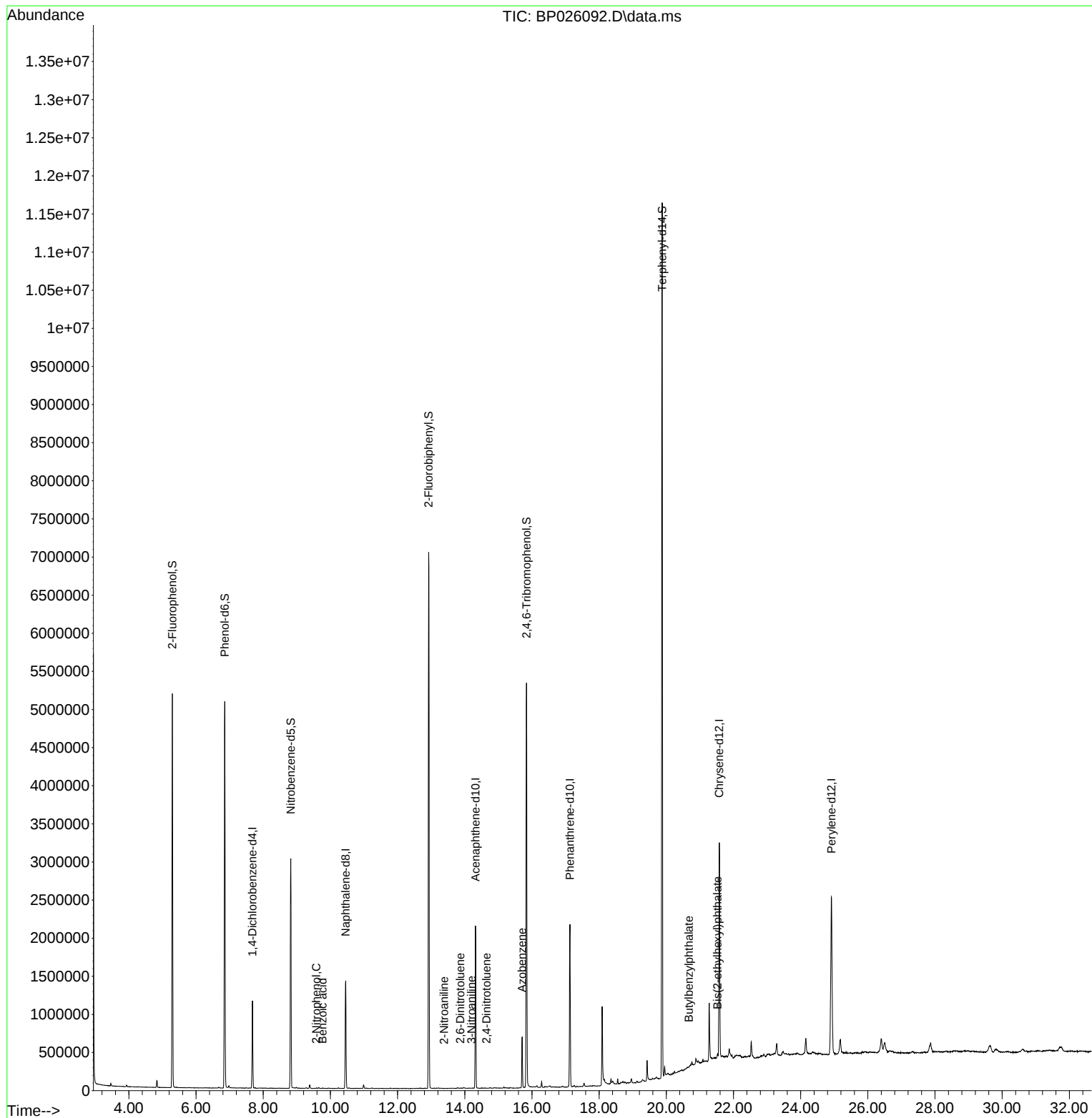
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	318405	20.000	ng	-0.01
21) Naphthalene-d8	10.455	136	1214569	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	729423	20.000	ng	0.00
64) Phenanthrene-d10	17.131	188	1507921	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1773559	20.000	ng	0.01
86) Perylene-d12	24.918	264	2177402	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	2310855	119.757	ng	0.00
7) Phenol-d6	6.855	99	2883548	117.407	ng	0.00
23) Nitrobenzene-d5	8.819	82	1631319	83.730	ng	0.00
42) 2,4,6-Tribromophenol	15.837	330	1155024	146.469	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	3817179	75.196	ng	0.00
79) Terphenyl-d14	19.878	244	6447175	73.855	ng	0.01
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.578	139	60	2.685	ng	# 1
32) Benzoic acid	9.766	122	126	3.131	ng	# 47
48) 2-Nitroaniline	13.384	65	174	2.924	ng	# 51
51) 2,6-Dinitrotoluene	13.866	165	567	3.045	ng	# 63
53) 3-Nitroaniline	14.201	138	102	2.646	ng	# 54
57) 2,4-Dinitrotoluene	14.648	165	83	3.092	ng	# 47
63) Azobenzene	15.707	77	186976	3.868	ng	# 1
80) Butylbenzylphthalate	20.672	149	319	3.404	ng	# 89
84) Bis(2-ethylhexyl)phtha...	21.525	149	34867	3.059	ng	# 99

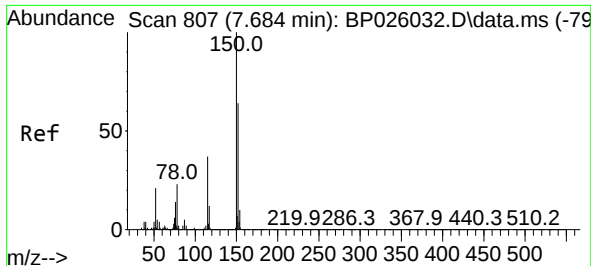
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
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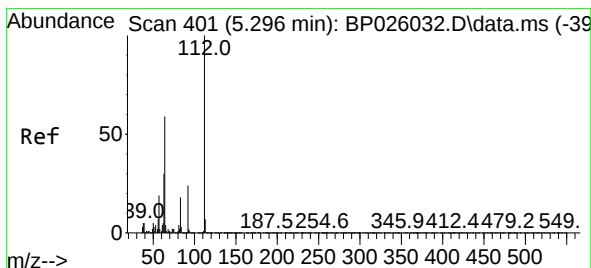
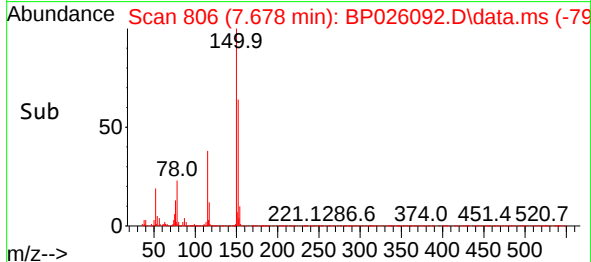
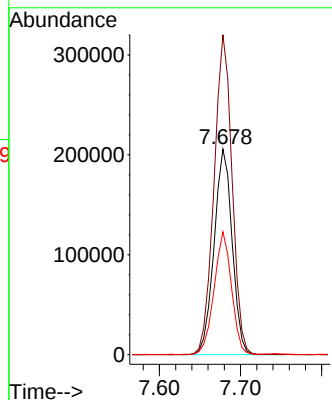
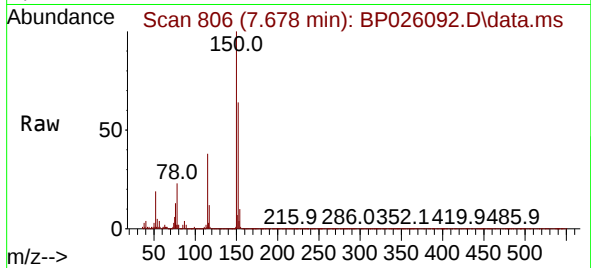




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.678 min Scan# 807
 Delta R.T. -0.012 min
 Lab File: BP026092.D
 Acq: 11 Nov 2025 16:11

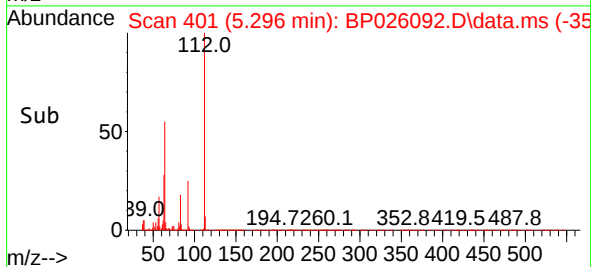
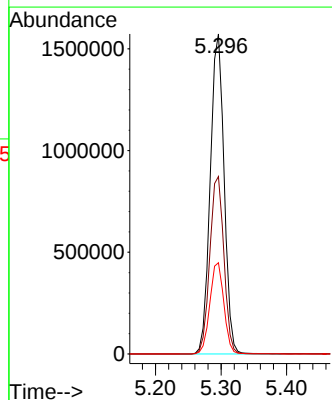
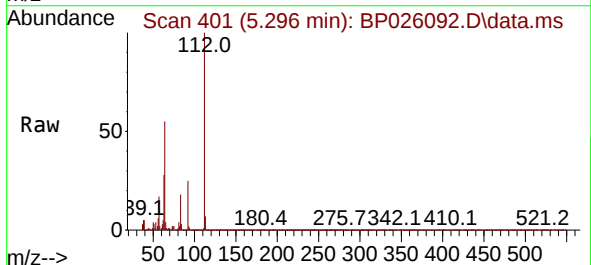
Instrument :
 BNA_P
 ClientSampleId :
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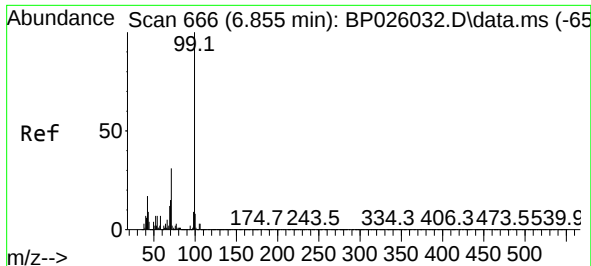
Tgt Ion:152 Resp: 318405
 Ion Ratio Lower Upper
 152 100
 150 155.6 125.7 188.5
 115 59.8 46.4 69.6



#5
 2-Fluorophenol
 Concen: 119.757 ng
 RT: 5.296 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: BP026092.D
 Acq: 11 Nov 2025 16:11

Tgt Ion:112 Resp: 2310855
 Ion Ratio Lower Upper
 112 100
 64 55.4 47.4 71.2
 63 28.5 24.2 36.4

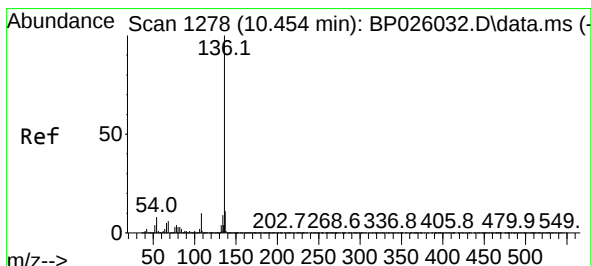
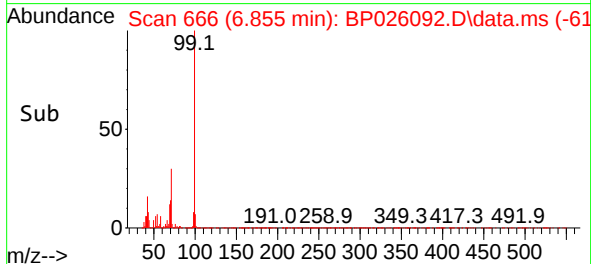
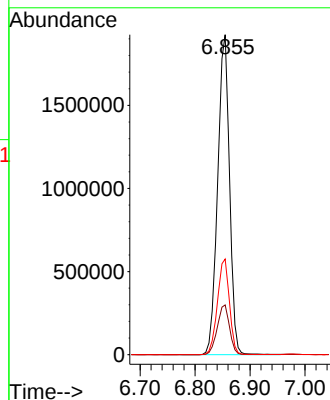
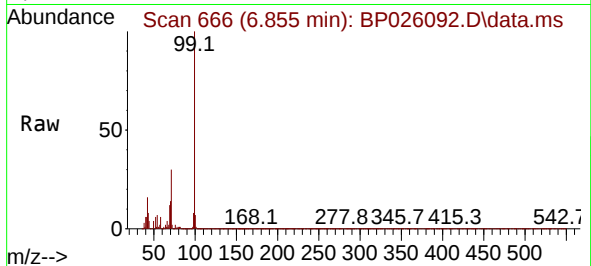




#7
Phenol-d6
Concen: 117.407 ng
RT: 6.855 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

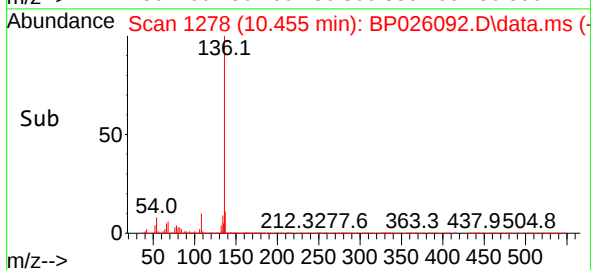
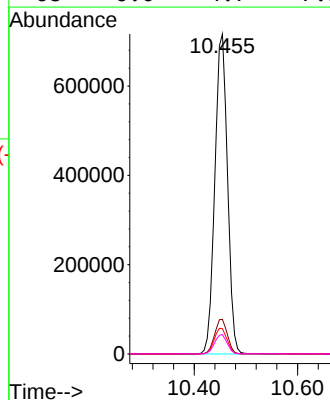
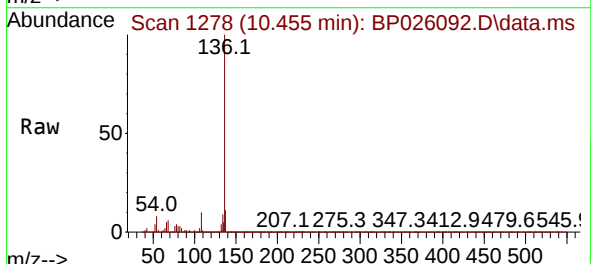
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ClientSampleId :
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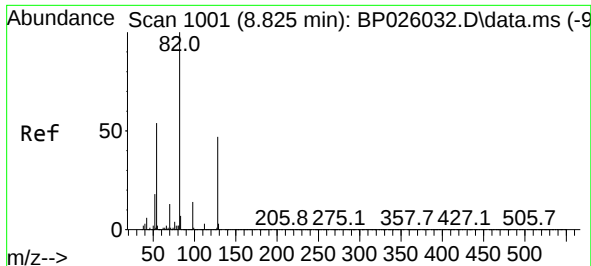
Tgt Ion: 99 Resp: 2883548
Ion Ratio Lower Upper
99 100
42 15.5 13.7 20.5
71 29.9 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.455 min Scan# 1278
Delta R.T. 0.001 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Tgt Ion:136 Resp: 1214569
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.9 6.6 10.0
68 6.0 4.7 7.1

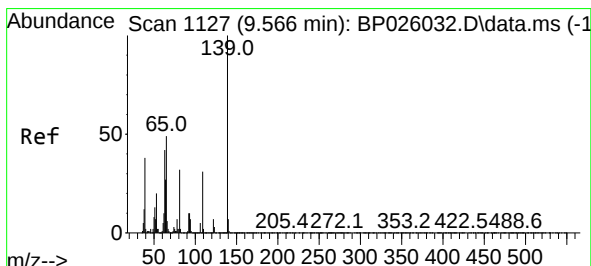
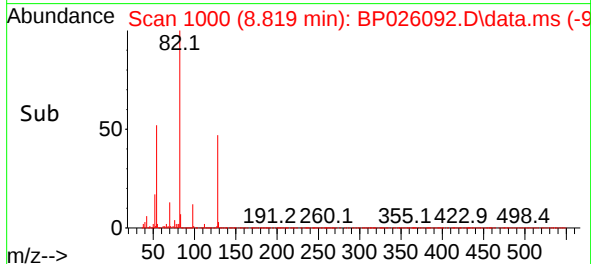
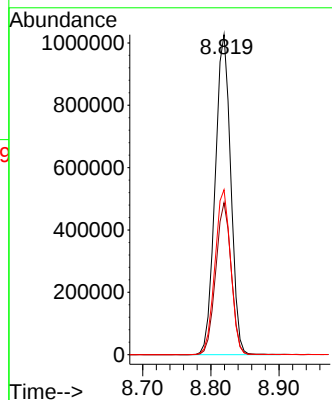
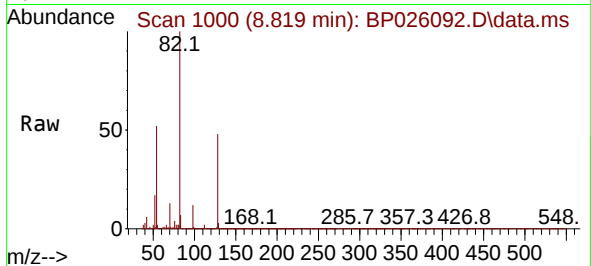




#23
Nitrobenzene-d5
Concen: 83.730 ng
RT: 8.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

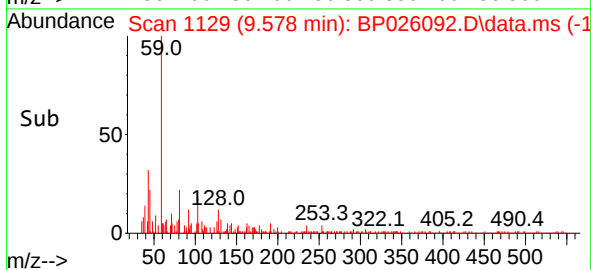
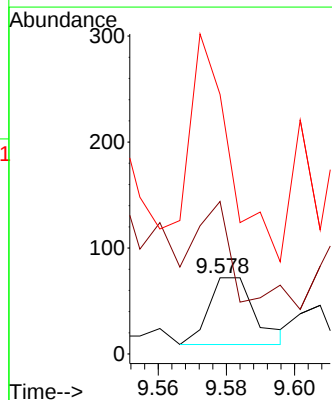
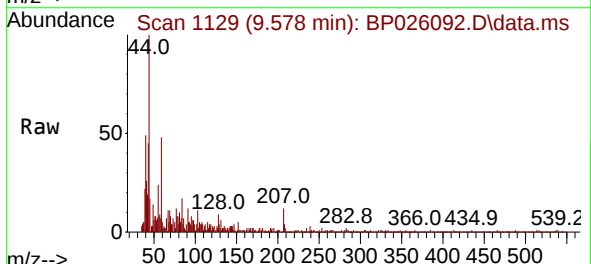
Instrument :
BNA_P
ClientSampleId :
SED-3

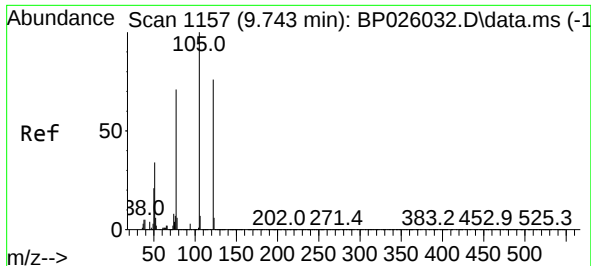
Tgt Ion: 82 Resp: 1631319
Ion Ratio Lower Upper
82 100
128 47.5 37.4 56.0
54 51.5 42.7 64.1



#26
2-Nitrophenol
Concen: 2.685 ng
RT: 9.578 min Scan# 1129
Delta R.T. 0.012 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Tgt Ion: 139 Resp: 60
Ion Ratio Lower Upper
139 100
109 200.0 24.8 37.2#
65 340.3 39.0 58.4#

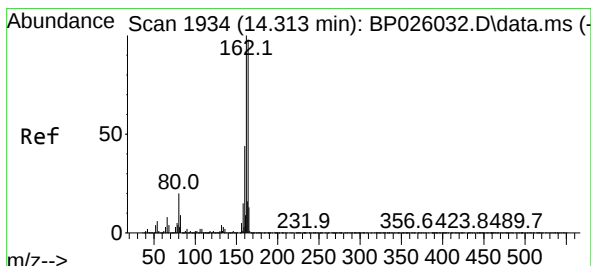
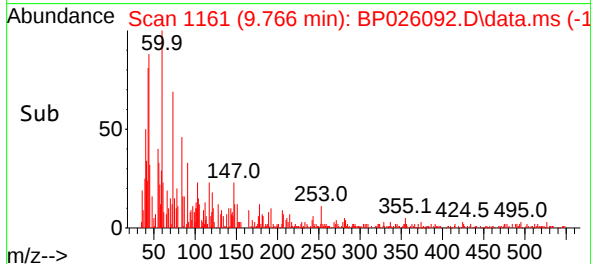
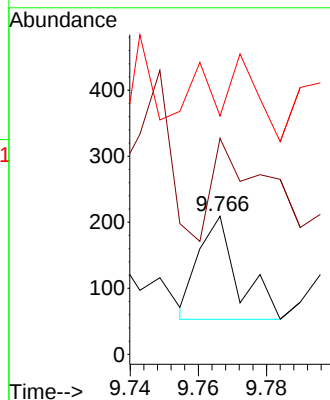
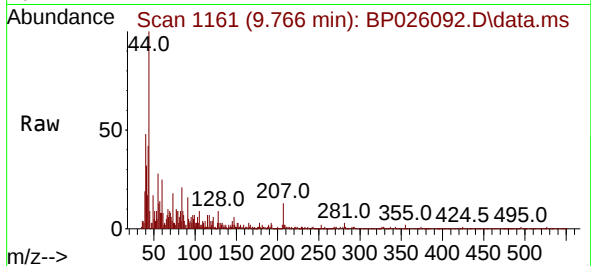




#32
Benzoic acid
Concen: 3.131 ng
RT: 9.766 min Scan# 1157
Delta R.T. -0.012 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

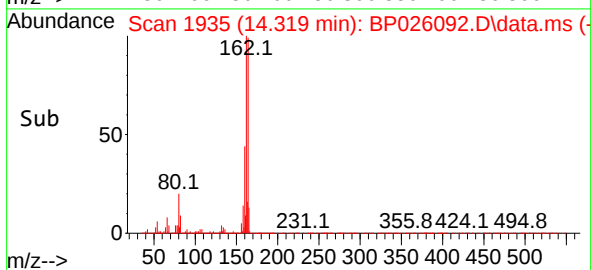
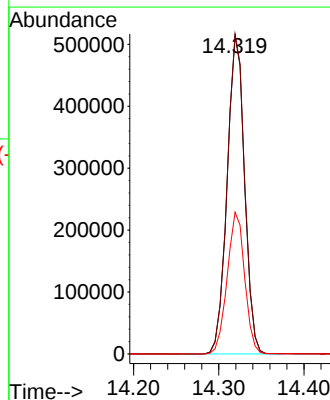
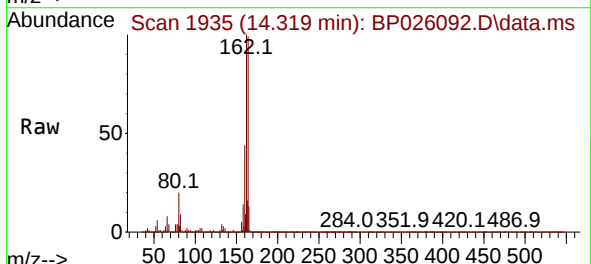
Instrument :
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ClientSampleId :
SED-3

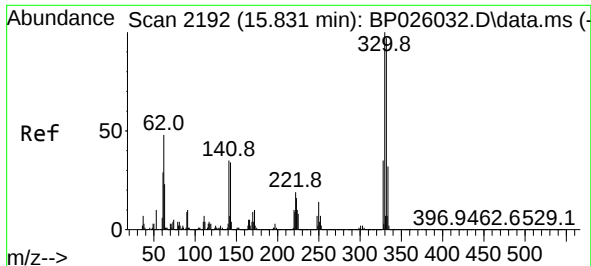
Tgt Ion:122 Resp: 126
Ion Ratio Lower Upper
122 100
105 156.5 104.8 144.8#
77 172.7 70.9 110.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Tgt Ion:164 Resp: 729423
Ion Ratio Lower Upper
164 100
162 100.7 81.5 122.3
160 44.6 36.2 54.4

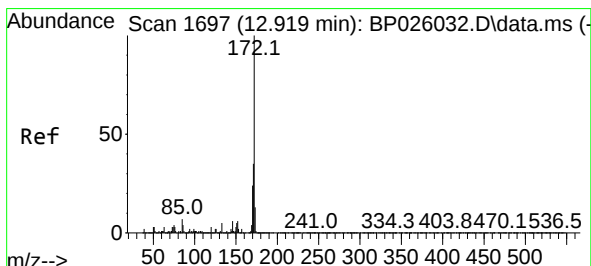
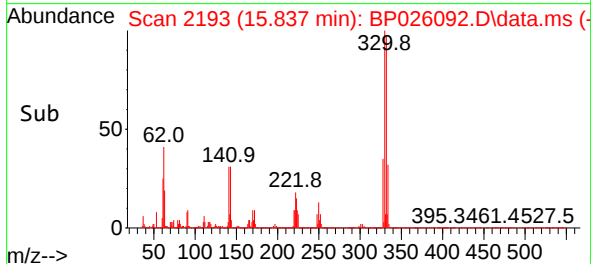
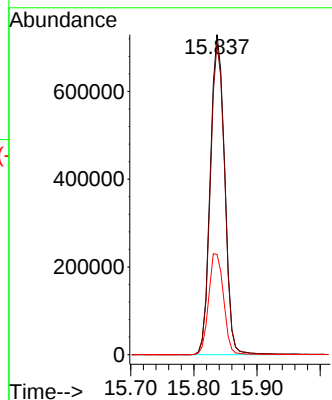
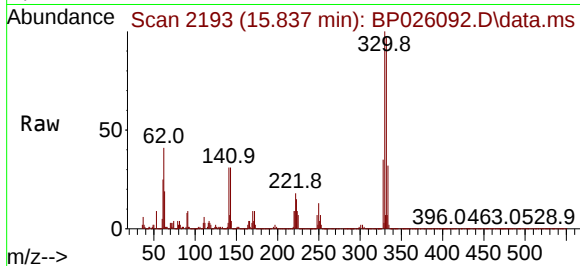




#42
2,4,6-Tribromophenol
Concen: 146.469 ng
RT: 15.837 min Scan# 2192
Delta R.T. 0.006 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

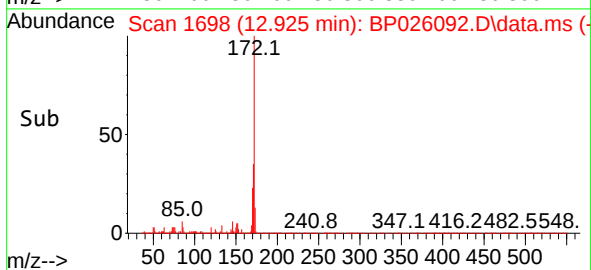
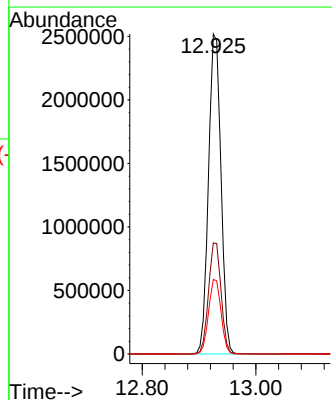
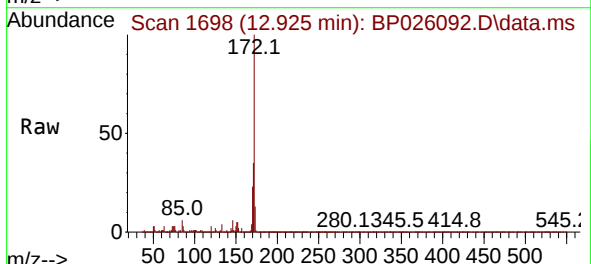
Instrument :
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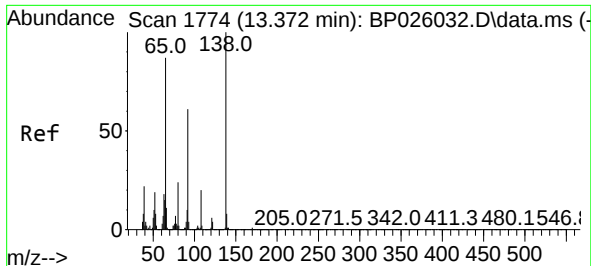
Tgt Ion: 330 Resp: 1155024
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 32.8 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 75.196 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Tgt Ion: 172 Resp: 3817179
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 23.3 19.0 28.4

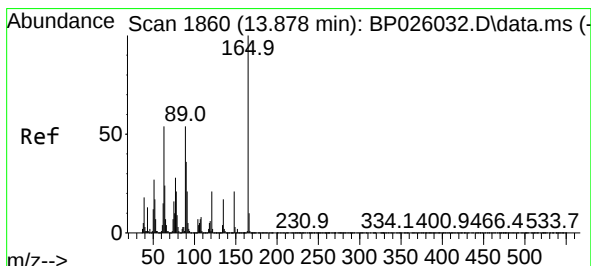
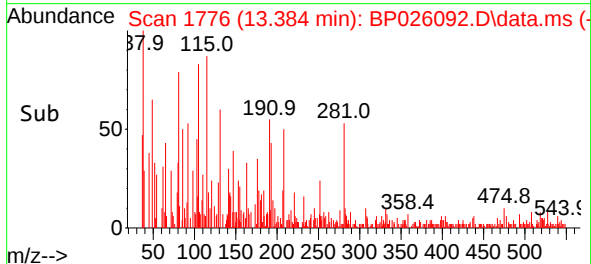
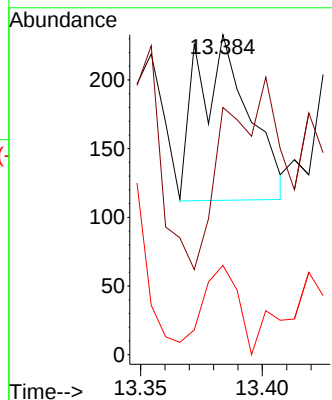
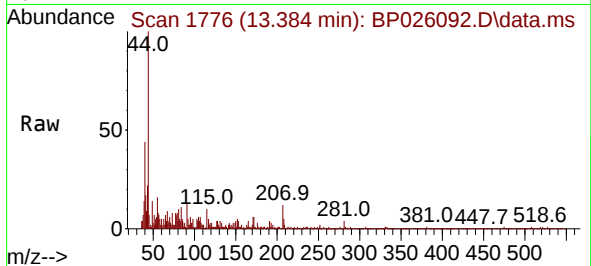




#48
2-Nitroaniline
Concen: 2.924 ng
RT: 13.384 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

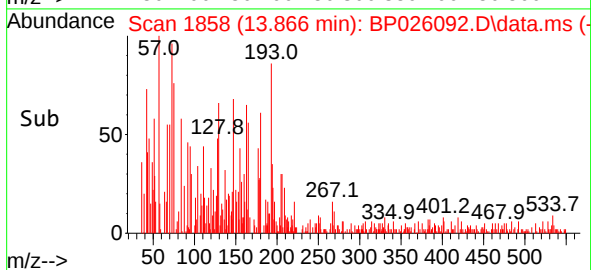
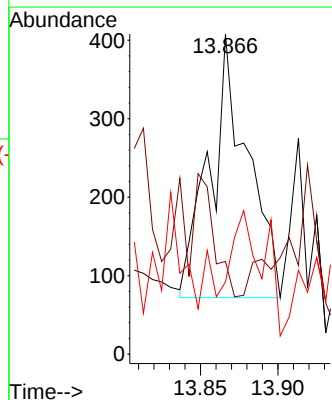
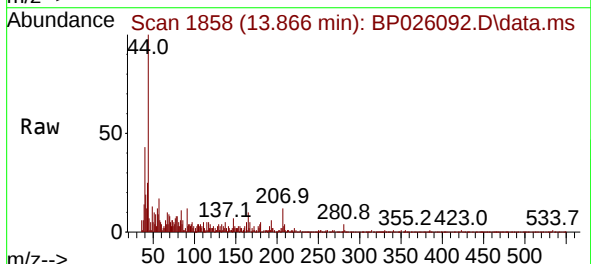
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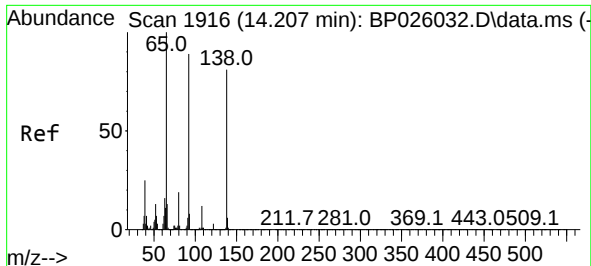
Tgt Ion: 65 Resp: 174
Ion Ratio Lower Upper
65 100
92 77.3 55.5 83.3
138 36.5 91.7 137.5#



#51
2,6-Dinitrotoluene
Concen: 3.045 ng
RT: 13.866 min Scan# 1858
Delta R.T. -0.012 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Tgt Ion: 165 Resp: 567
Ion Ratio Lower Upper
165 100
63 28.9 43.0 64.4#
89 25.2 43.0 64.4#

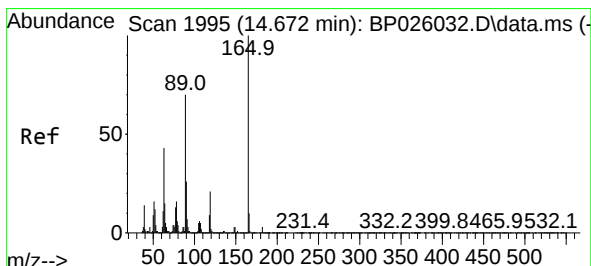
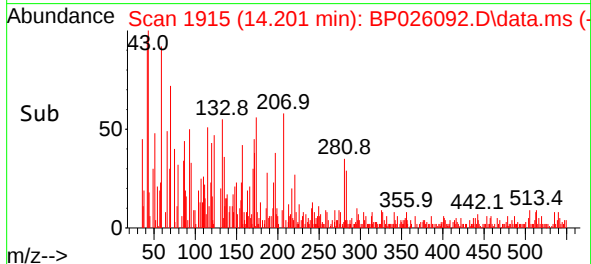
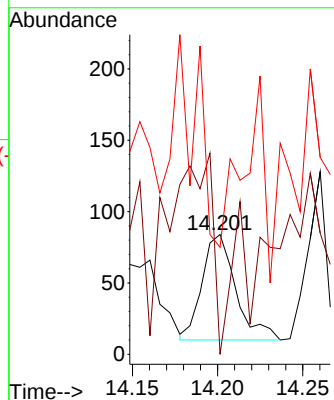
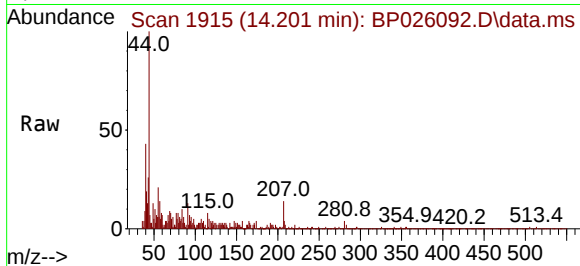




#53
3-Nitroaniline
Concen: 2.646 ng
RT: 14.201 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

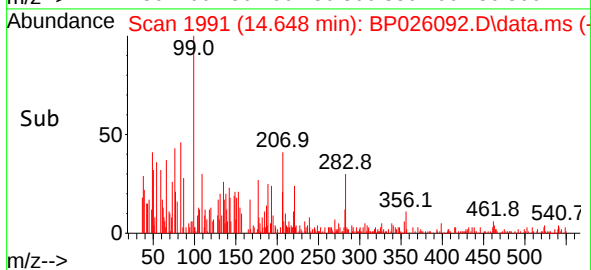
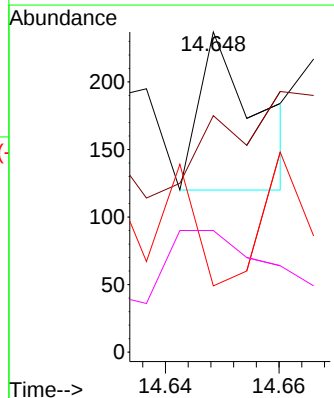
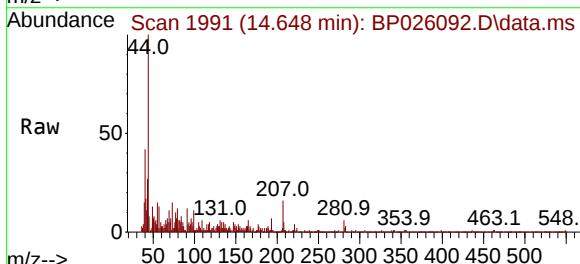
Instrument :
BNA_P
ClientSampleId :
SED-3

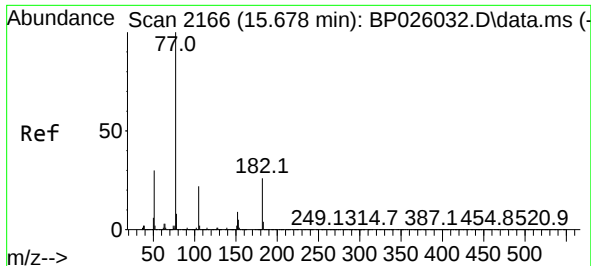
Tgt Ion:138 Resp: 102
Ion Ratio Lower Upper
138 100
108 0.0 11.4 17.0#
92 58.6 87.1 130.7#



#57
2,4-Dinitrotoluene
Concen: 3.092 ng
RT: 14.648 min Scan# 1991
Delta R.T. -0.030 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Tgt Ion:165 Resp: 83
Ion Ratio Lower Upper
165 100
63 73.8 34.2 51.2#
89 25.7 56.0 84.0#
182 38.0 2.2 3.2#

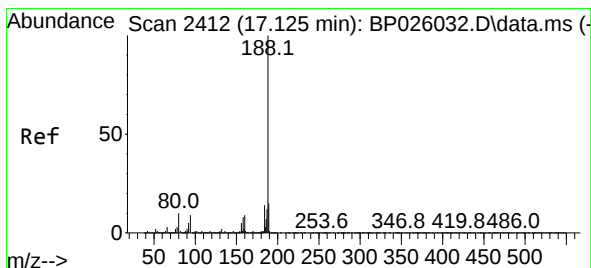
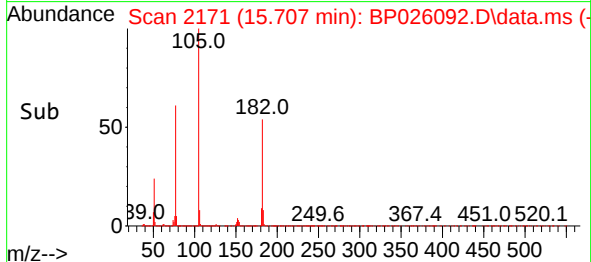
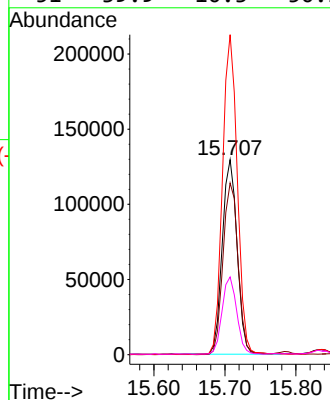
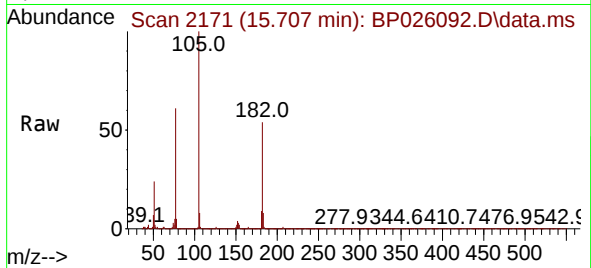




#63
Azobenzene
Concen: 3.868 ng
RT: 15.707 min Scan# 2166
Delta R.T. 0.018 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

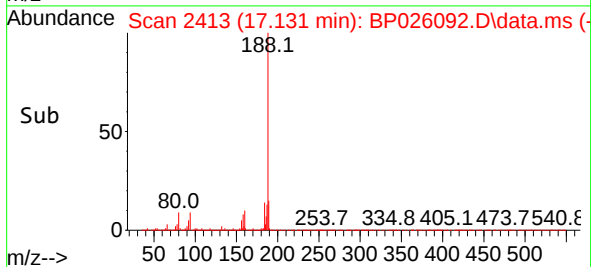
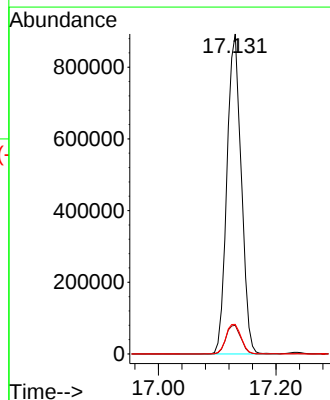
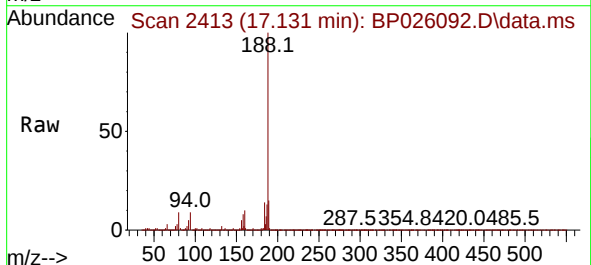
Instrument :
BNA_P
ClientSampleId :
SED-3

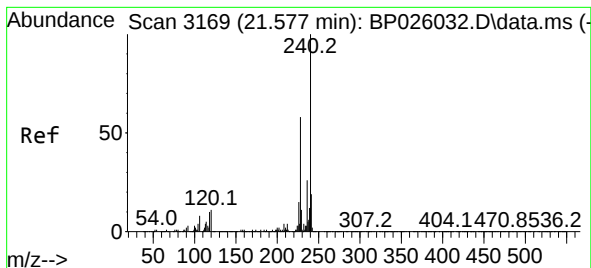
Tgt Ion: 77 Resp: 186976
Ion Ratio Lower Upper
77 100
182 88.0 6.4 46.4#
105 164.0 2.2 42.2#
51 39.9 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 2413
Delta R.T. 0.006 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Tgt Ion:188 Resp: 1507921
Ion Ratio Lower Upper
188 100
94 9.0 7.1 10.7
80 9.3 7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.577 min Scan# 3169

Delta R.T. 0.012 min

Lab File: BP026092.D

Acq: 11 Nov 2025 16:11

Instrument :

BNA_P

ClientSampleId :

SED-3

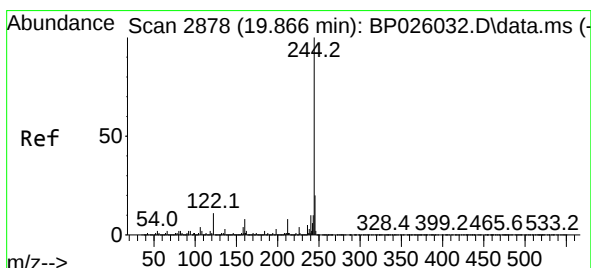
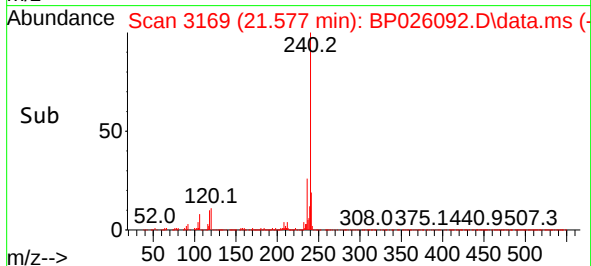
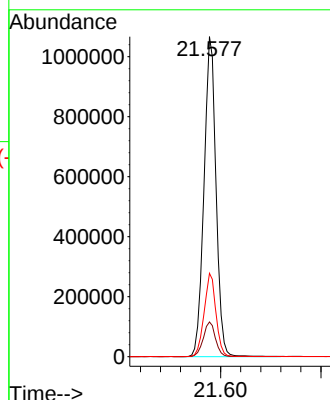
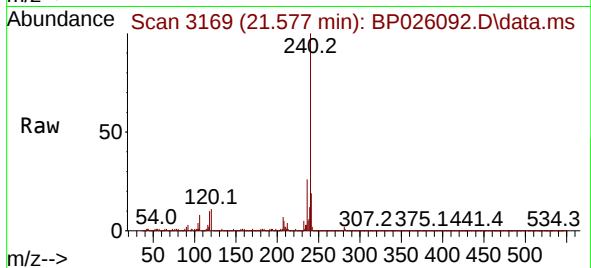
Tgt Ion:240 Resp: 1773559

Ion Ratio Lower Upper

240 100

120 10.8 8.9 13.3

236 26.0 20.6 31.0



#79

Terphenyl-d14

Concen: 73.855 ng

RT: 19.878 min Scan# 2880

Delta R.T. 0.012 min

Lab File: BP026092.D

Acq: 11 Nov 2025 16:11

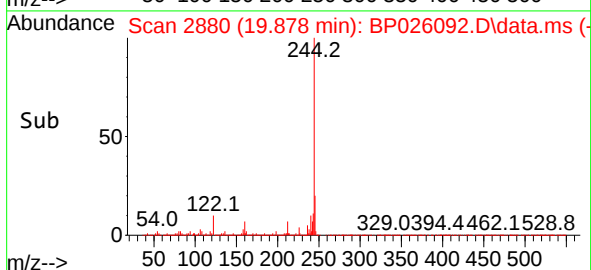
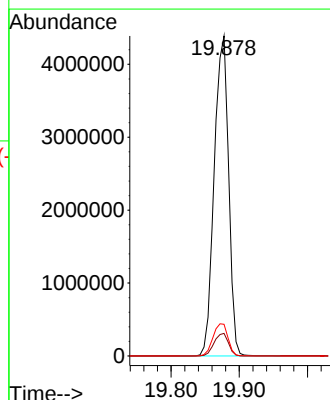
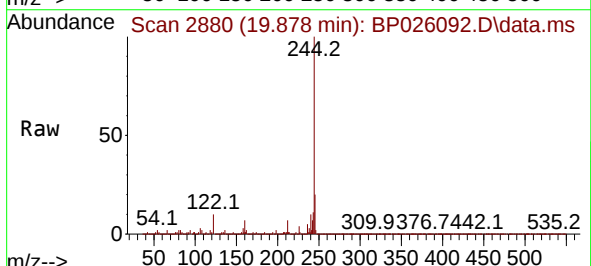
Tgt Ion:244 Resp: 6447175

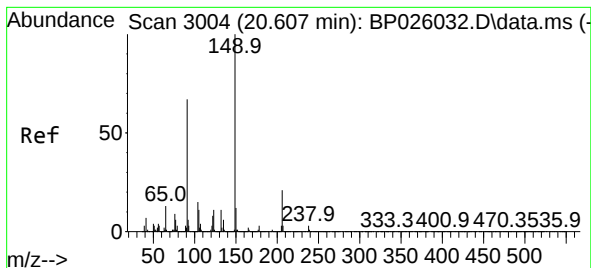
Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 9.9 9.0 13.6





#80

Butylbenzylphthalate

Concen: 3.404 ng

RT: 20.672 min Scan# 3004

Delta R.T. 0.065 min

Lab File: BP026092.D

Acq: 11 Nov 2025 16:11

Instrument :

BNA_P

ClientSampleId :

SED-3

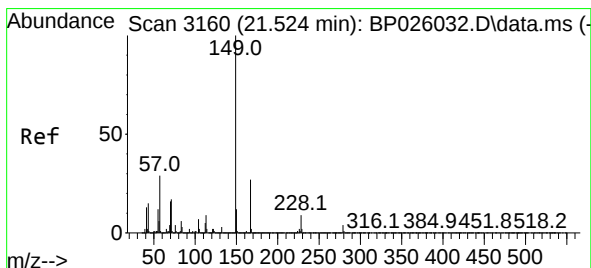
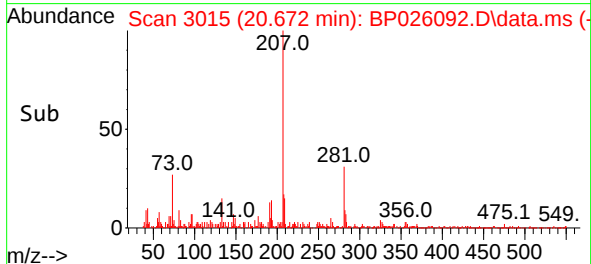
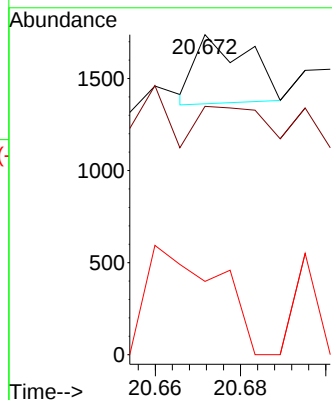
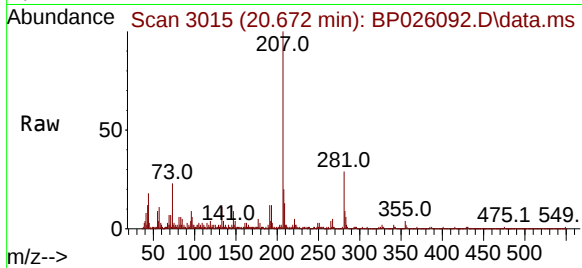
Tgt Ion:149 Resp: 319

Ion Ratio Lower Upper

149 100

91 77.6 53.5 80.3

206 22.9 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.059 ng

RT: 21.525 min Scan# 3160

Delta R.T. 0.007 min

Lab File: BP026092.D

Acq: 11 Nov 2025 16:11

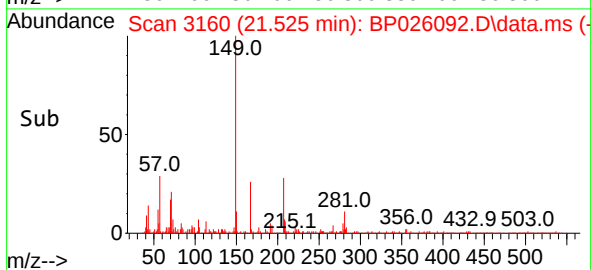
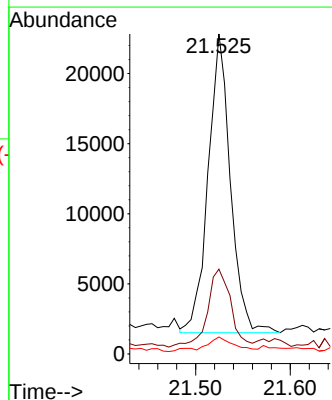
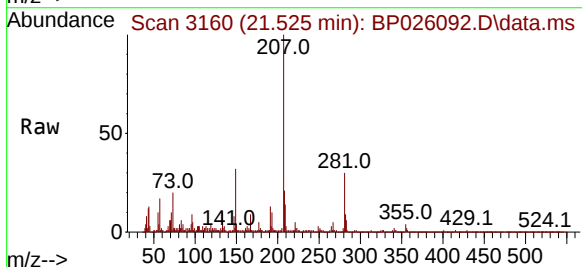
Tgt Ion:149 Resp: 34867

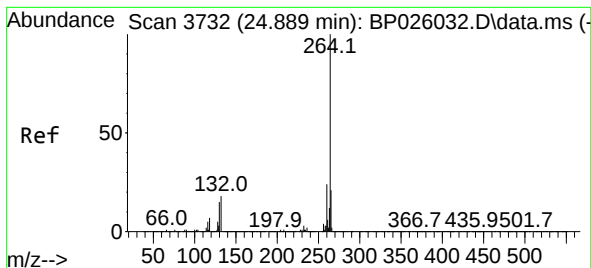
Ion Ratio Lower Upper

149 100

167 26.5 21.5 32.3

279 5.3 3.0 4.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.918 min Scan# 31

Delta R.T. 0.036 min

Lab File: BP026092.D

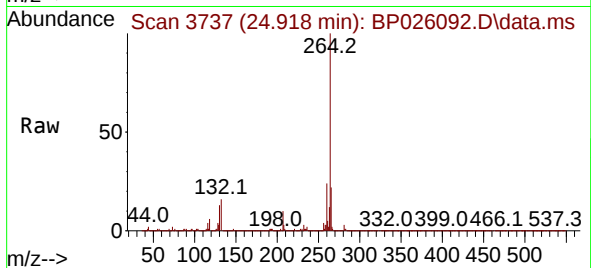
Acq: 11 Nov 2025 16:11

Instrument :

BNA_P

ClientSampleId :

SED-3



Tgt Ion:264 Resp: 2177402

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 21.6 17.2 25.8

