

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
 Data File : BP021576.D
 Acq On : 20 Aug 2024 17:24
 Operator : RC/JU
 Sample : PB162631BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB162631BL

Quant Time: Aug 20 18:14:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

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

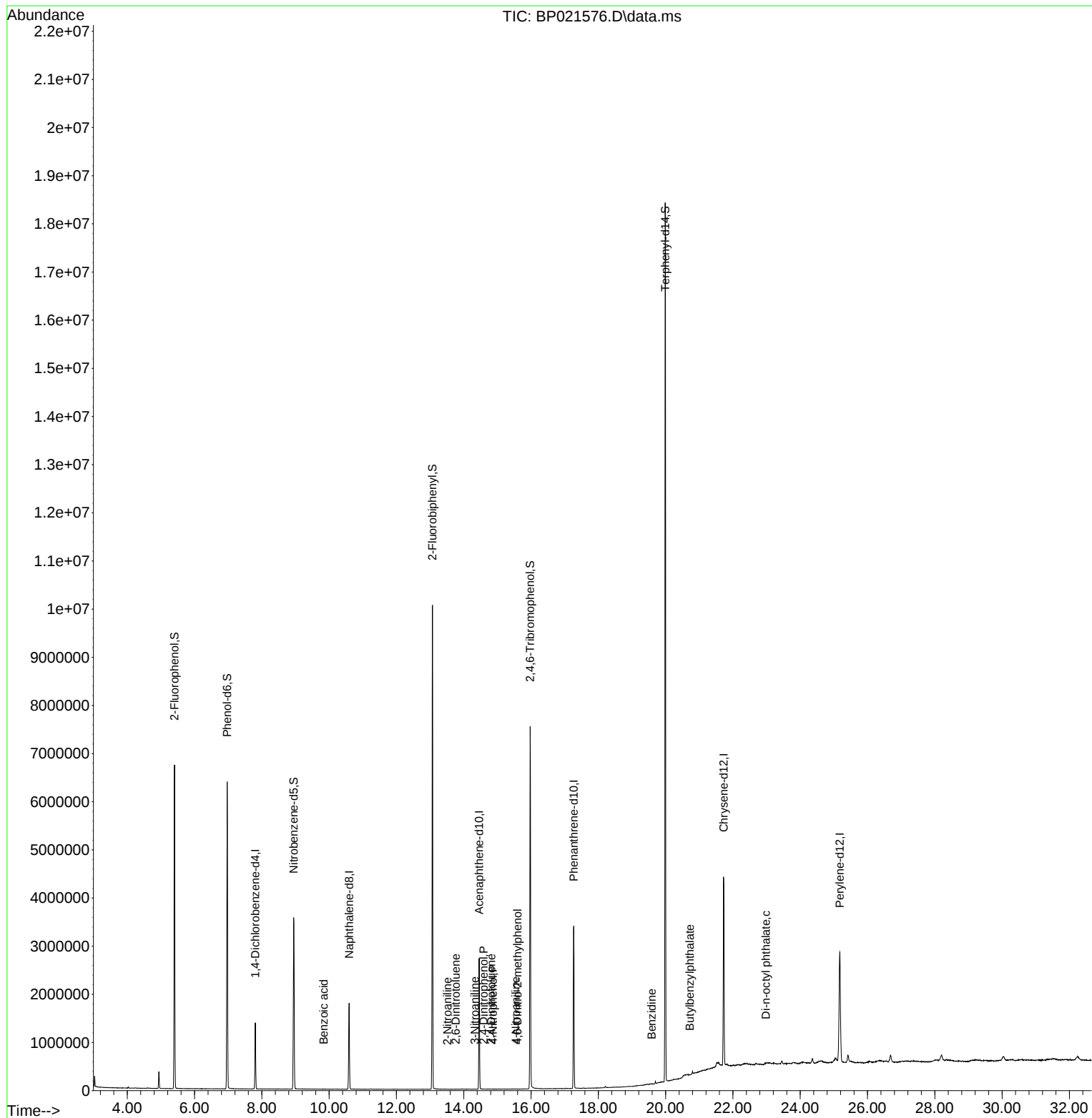
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	347992	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1395533	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	914555	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	2162093	20.000	ng	0.02
76) Chrysene-d12	21.722	240	2210458	20.000	ng	0.02
86) Perylene-d12	25.174	264	2503158	20.000	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	2994133	127.758	ng	0.01
7) Phenol-d6	6.969	99	4067557	118.977	ng	0.00
23) Nitrobenzene-d5	8.946	82	2447041	90.506	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	1583625	155.583	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	4699597	78.424	ng	0.00
79) Terphenyl-d14	19.986	244	9272285	81.492	ng	0.01
Target Compounds					Qvalue	
26) 2-Nitrophenol	9.699	139	101	Below Cal	#	1
32) Benzoic acid	9.834	122	662	3.409 ng	#	30
48) 2-Nitroaniline	13.516	65	193	5.159 ng	#	51
51) 2,6-Dinitrotoluene	13.763	165	166	3.998 ng		87
53) 3-Nitroaniline	14.328	138	50	3.973 ng	#	1
54) 2,4-Dinitrophenol	14.587	184	84	2.468 ng		91
56) 4-Nitrophenol	14.869	139	123	5.090 ng		91
57) 2,4-Dinitrotoluene	14.816	165	141	5.030 ng	#	76
62) 4-Nitroaniline	15.551	138	194	2.949 ng	#	39
65) 4,6-Dinitro-2-methylph...	15.598	198	19	4.610 ng	#	1
77) Benzidine	19.586	184	3734	4.628 ng	#	69
80) Butylbenzylphthalate	20.722	149	690	3.614 ng	#	71
85) Di-n-octyl phthalate	22.980	149	1116	4.843 ng	#	78

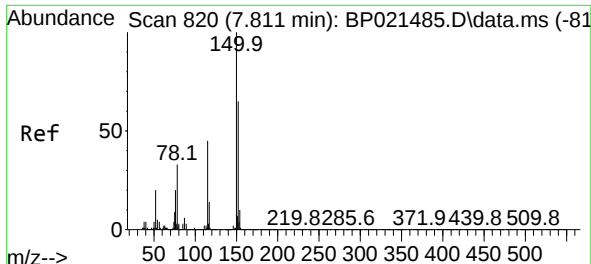
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
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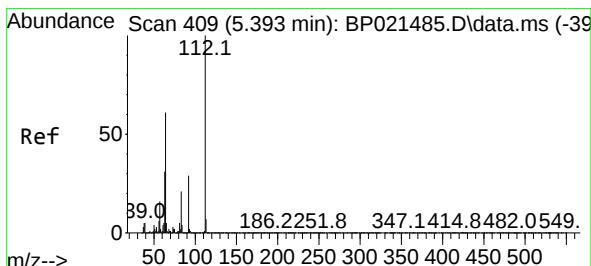
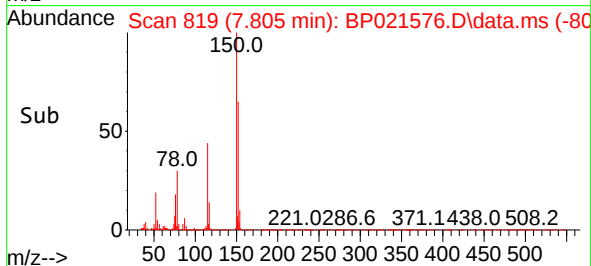
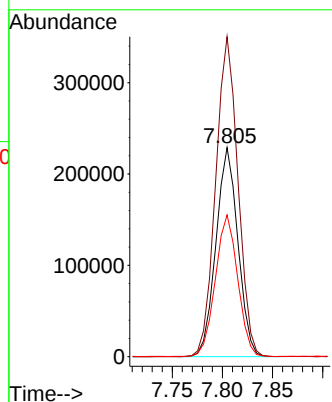
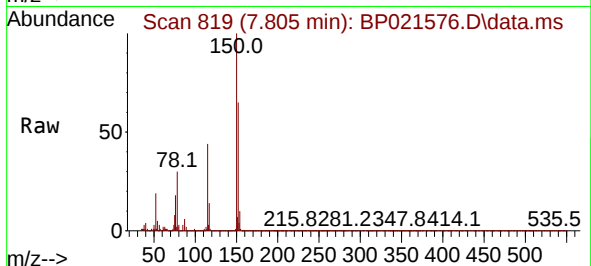




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021576.D
Acq: 20 Aug 2024 17:24

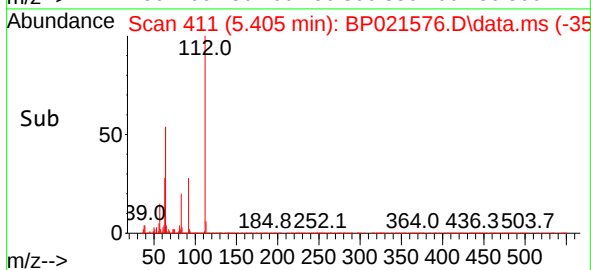
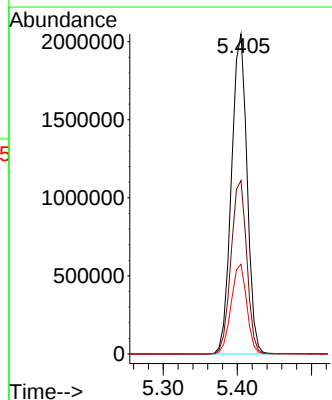
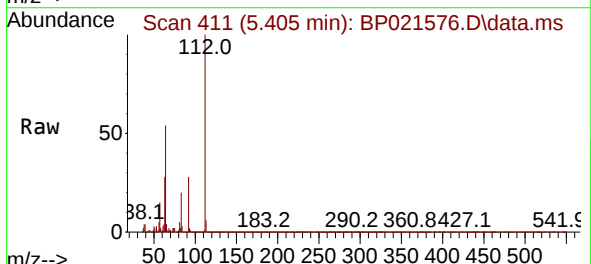
Instrument :
BNA_P
ClientSampleId :
PB162631BL

Tgt Ion:152 Resp: 347992
Ion Ratio Lower Upper
152 100
150 153.0 122.4 183.6
115 67.8 54.7 82.1



#5
2-Fluorophenol
Concen: 127.758 ng
RT: 5.405 min Scan# 411
Delta R.T. 0.012 min
Lab File: BP021576.D
Acq: 20 Aug 2024 17:24

Tgt Ion:112 Resp: 2994133
Ion Ratio Lower Upper
112 100
64 54.2 49.0 73.6
63 28.0 24.6 36.8

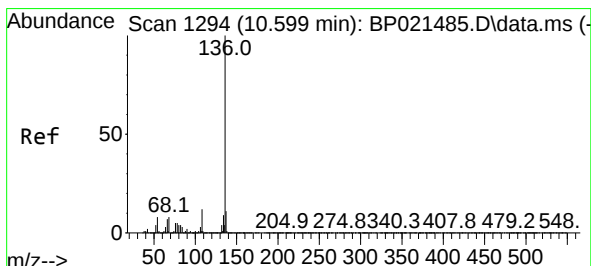
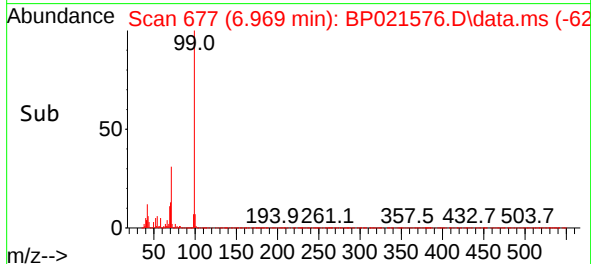
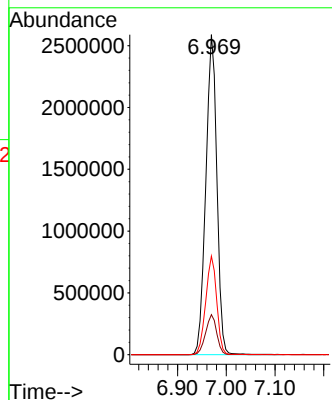
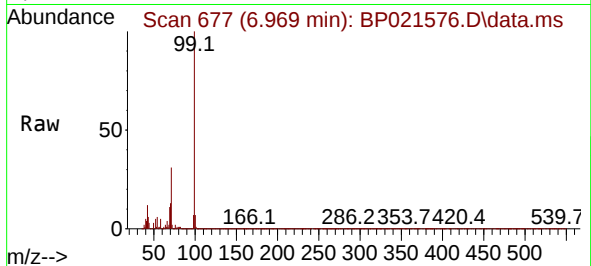




#7
Phenol-d6
Concen: 118.977 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021576.D
Acq: 20 Aug 2024 17:24

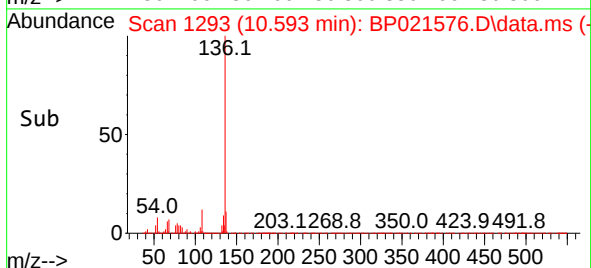
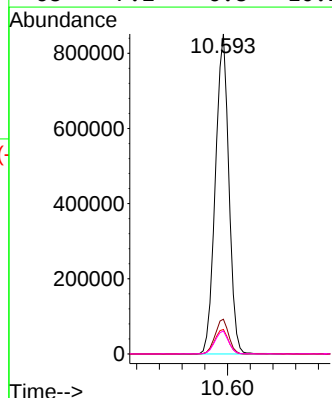
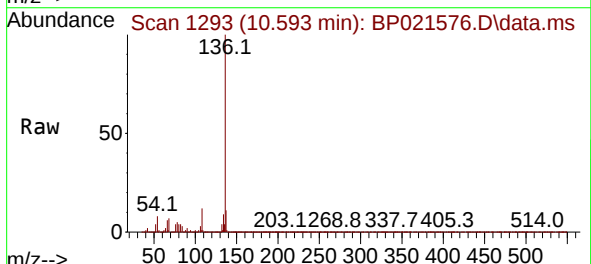
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BNA_P
ClientSampleId :
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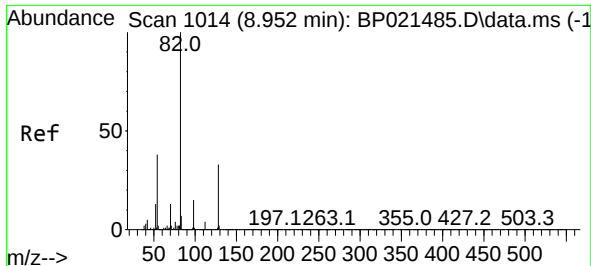
Tgt Ion: 99 Resp: 4067557
Ion Ratio Lower Upper
99 100
42 12.5 10.2 15.4
71 30.8 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP021576.D
Acq: 20 Aug 2024 17:24

Tgt Ion: 136 Resp: 1395533
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.6 6.3 9.5
68 7.2 6.8 10.2

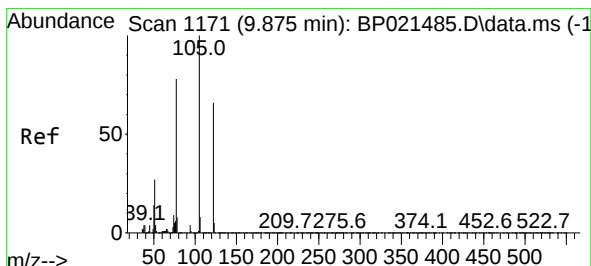
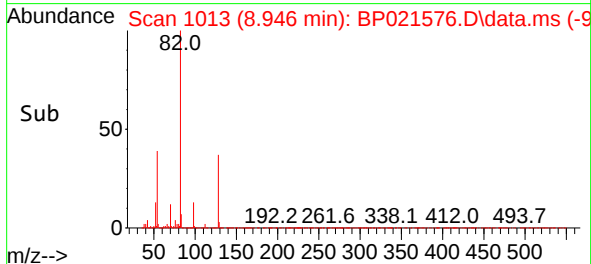
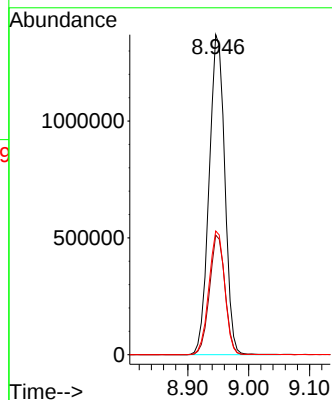
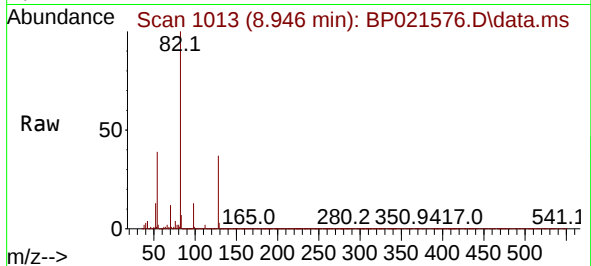




#23
Nitrobenzene-d5
Concen: 90.506 ng
RT: 8.946 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BP021576.D
Acq: 20 Aug 2024 17:24

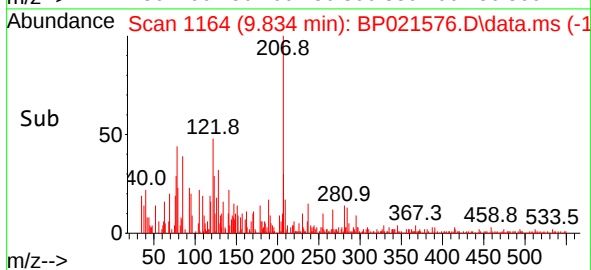
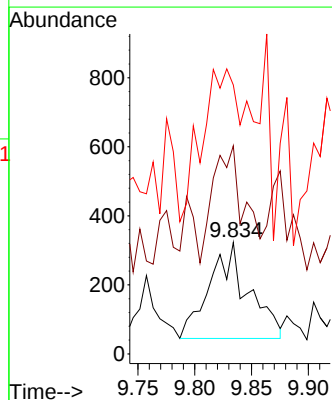
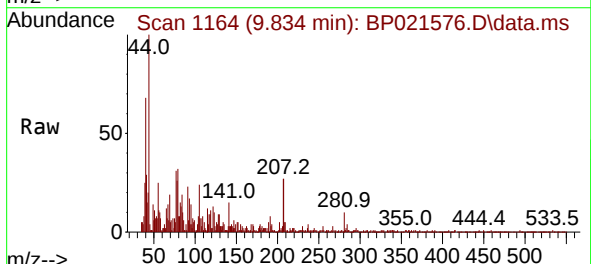
Instrument :
BNA_P
ClientSampleId :
PB162631BL

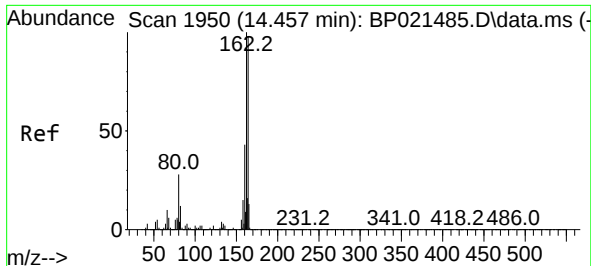
Tgt Ion: 82 Resp: 2447041
Ion Ratio Lower Upper
82 100
128 37.3 26.5 39.7
54 38.7 30.3 45.5



#32
Benzoic acid
Concen: 3.409 ng
RT: 9.834 min Scan# 1164
Delta R.T. -0.041 min
Lab File: BP021576.D
Acq: 20 Aug 2024 17:24

Tgt Ion: 122 Resp: 662
Ion Ratio Lower Upper
122 100
105 186.7 124.6 164.6#
77 241.2 96.2 136.2#

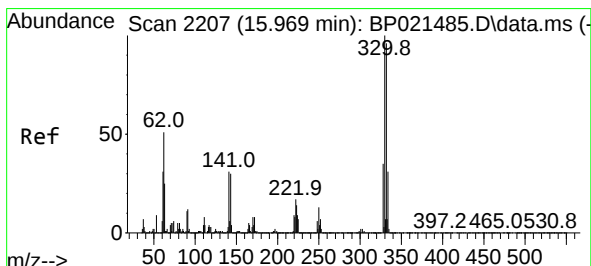
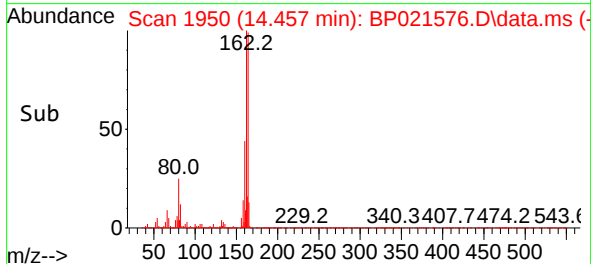
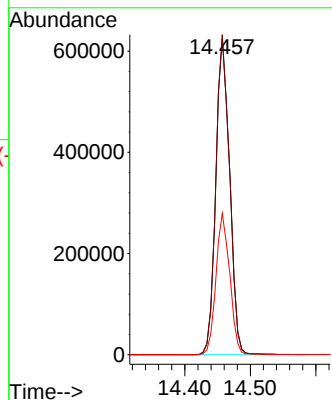
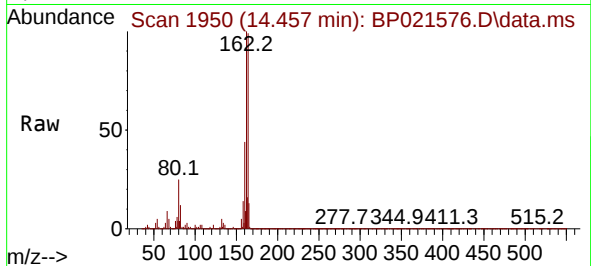




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BP021576.D
Acq: 20 Aug 2024 17:24

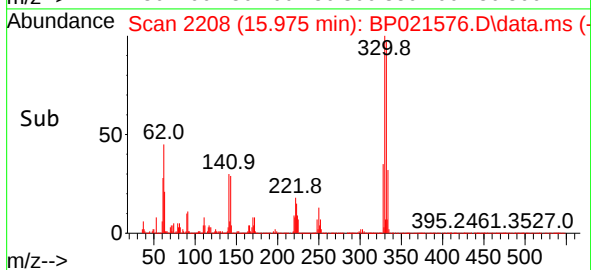
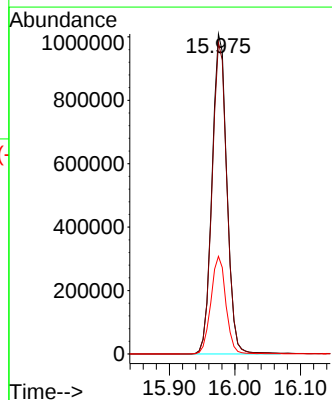
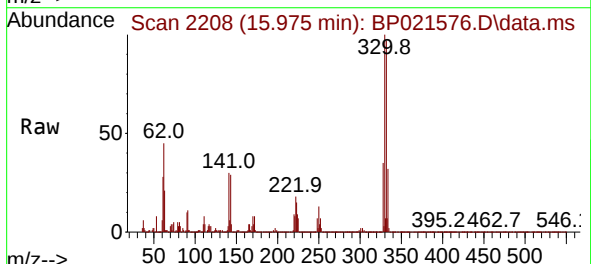
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ClientSampleId :
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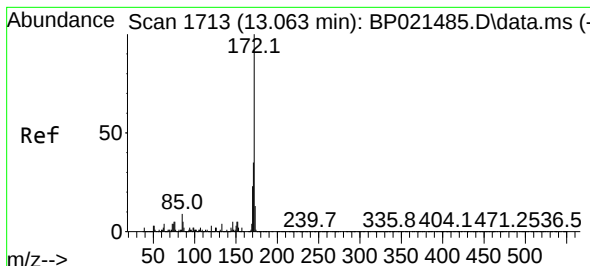
Tgt Ion:164 Resp: 914555
Ion Ratio Lower Upper
164 100
162 101.1 81.5 122.3
160 44.7 35.2 52.8



#42
2,4,6-Tribromophenol
Concen: 155.583 ng
RT: 15.975 min Scan# 2208
Delta R.T. 0.006 min
Lab File: BP021576.D
Acq: 20 Aug 2024 17:24

Tgt Ion:330 Resp: 1583625
Ion Ratio Lower Upper
330 100
332 97.8 77.4 116.0
141 30.9 24.5 36.7

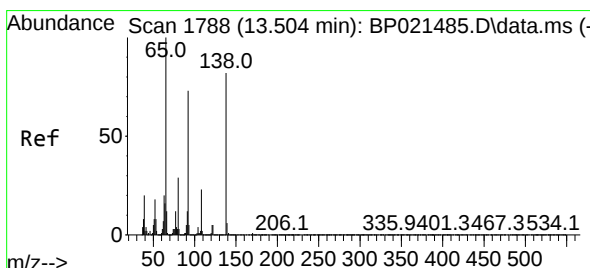
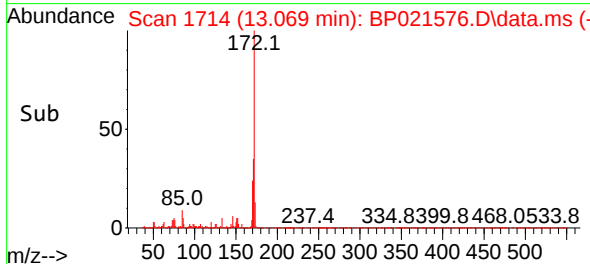
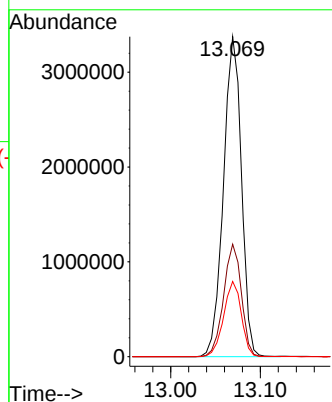
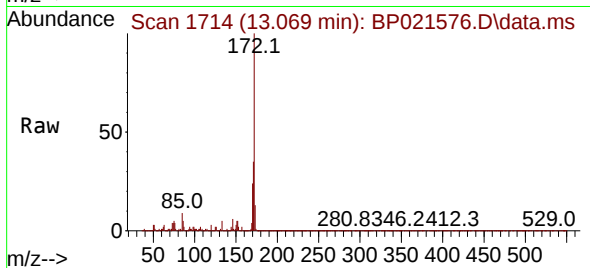




#45
2-Fluorobiphenyl
Concen: 78.424 ng
RT: 13.069 min Scan# 1713
Delta R.T. 0.006 min
Lab File: BP021576.D
Acq: 20 Aug 2024 17:24

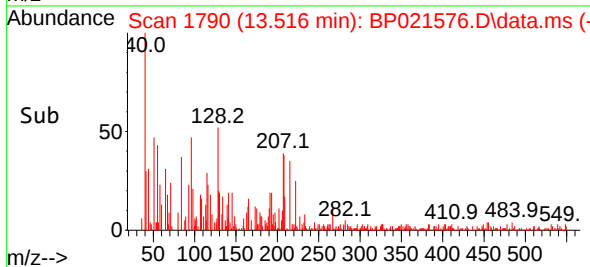
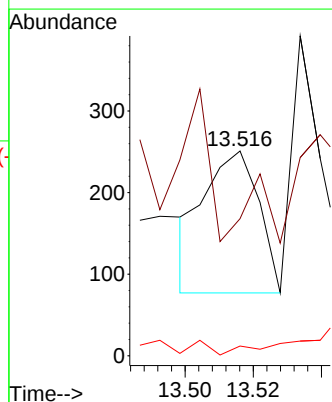
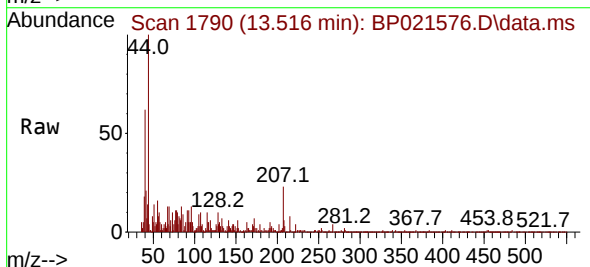
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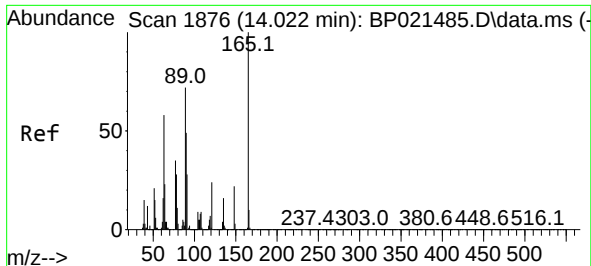
Tgt Ion:172 Resp: 4699597
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.5 18.4 27.6



#48
2-Nitroaniline
Concen: 5.159 ng
RT: 13.516 min Scan# 1790
Delta R.T. 0.012 min
Lab File: BP021576.D
Acq: 20 Aug 2024 17:24

Tgt Ion: 65 Resp: 193
Ion Ratio Lower Upper
65 100
92 66.9 58.1 87.1
138 4.8 65.5 98.3#

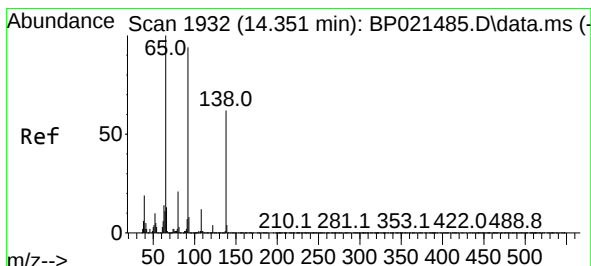
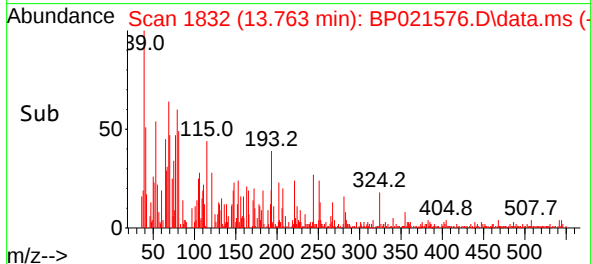
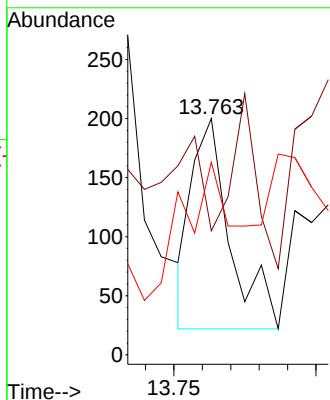
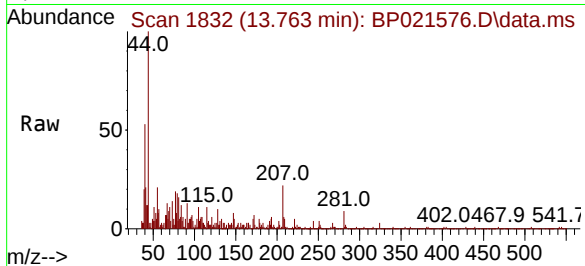




#51
2,6-Dinitrotoluene
Concen: 3.998 ng
RT: 13.763 min Scan# 1876
Delta R.T. -0.259 min
Lab File: BP021576.D
Acq: 20 Aug 2024 17:24

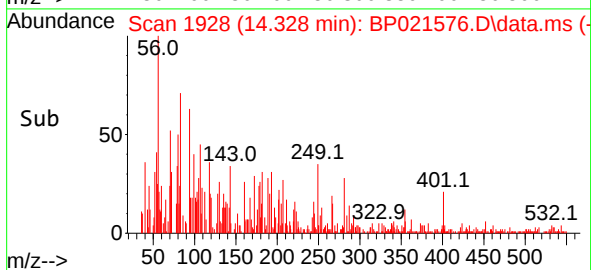
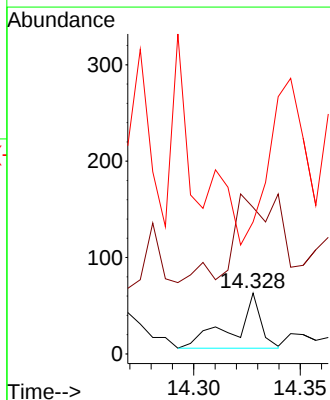
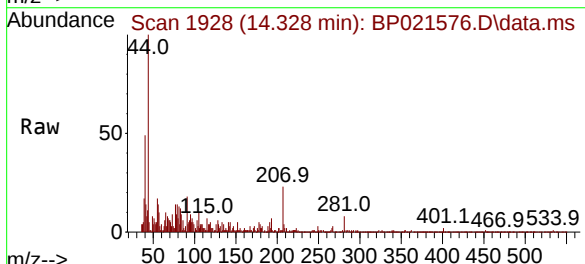
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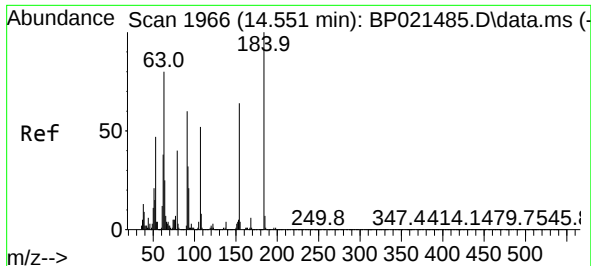
Tgt Ion:165 Resp: 166
Ion Ratio Lower Upper
165 100
63 52.5 51.5 77.3
89 81.5 57.8 86.8



#53
3-Nitroaniline
Concen: 3.973 ng
RT: 14.328 min Scan# 1928
Delta R.T. -0.023 min
Lab File: BP021576.D
Acq: 20 Aug 2024 17:24

Tgt Ion:138 Resp: 50
Ion Ratio Lower Upper
138 100
108 241.3 16.2 24.4#
92 217.5 122.2 183.4#

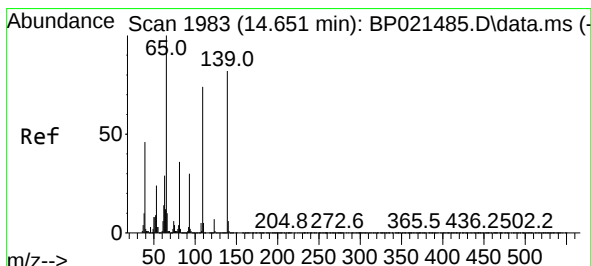
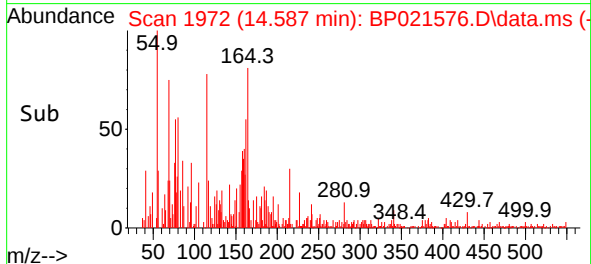
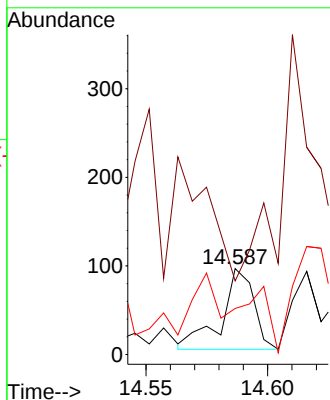
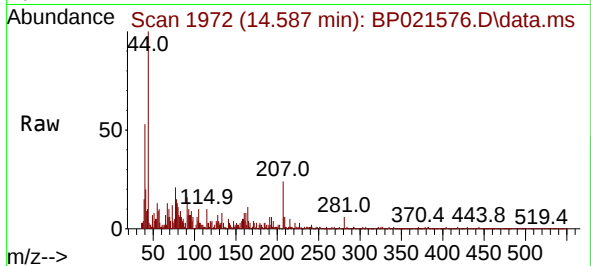




#54
2,4-Dinitrophenol
Concen: 2.468 ng
RT: 14.587 min Scan# 1966
Delta R.T. 0.036 min
Lab File: BP021576.D
Acq: 20 Aug 2024 17:24

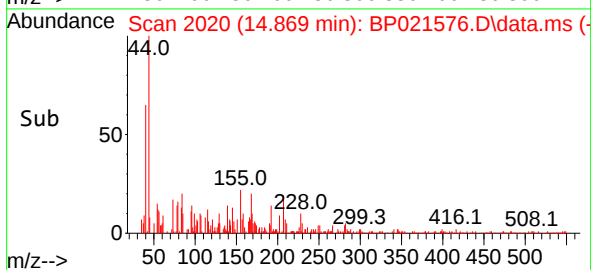
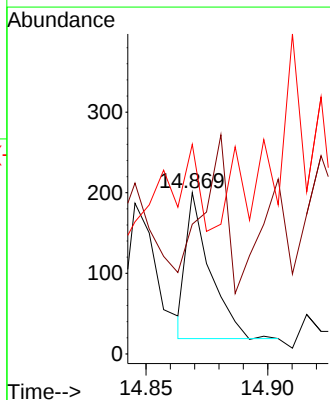
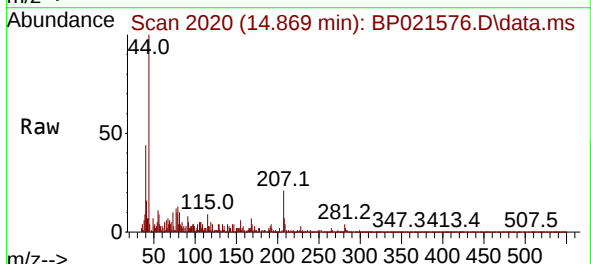
Instrument :
BNA_P
ClientSampleId :
PB162631BL

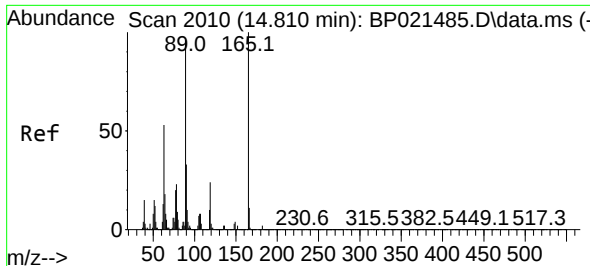
Tgt Ion:184 Resp: 84
Ion Ratio Lower Upper
184 100
63 85.6 64.9 97.3
154 53.6 52.1 78.1



#56
4-Nitrophenol
Concen: 5.090 ng
RT: 14.869 min Scan# 2020
Delta R.T. 0.218 min
Lab File: BP021576.D
Acq: 20 Aug 2024 17:24

Tgt Ion:139 Resp: 123
Ion Ratio Lower Upper
139 100
109 80.5 70.2 110.2
65 130.0 101.8 141.8

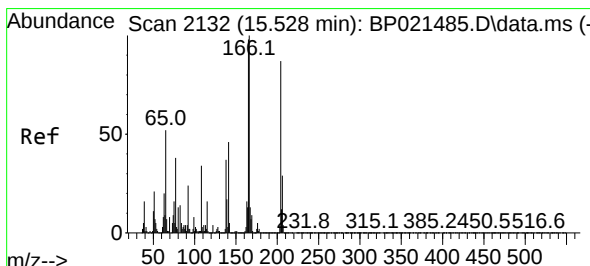
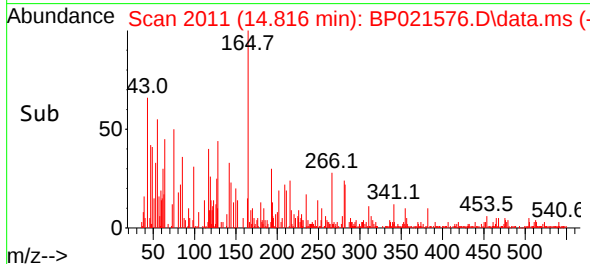
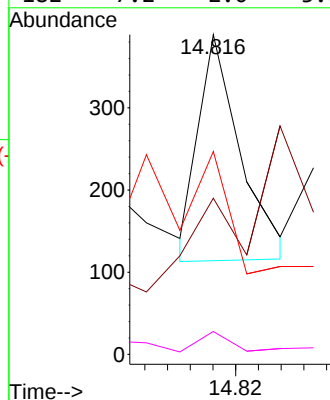
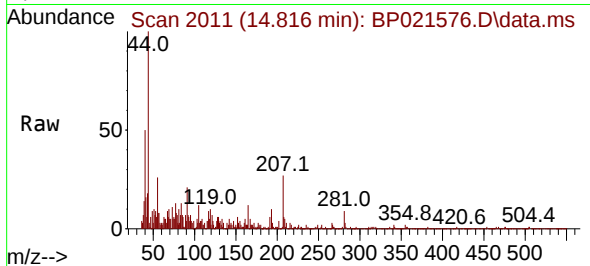




#57
2,4-Dinitrotoluene
Concen: 5.030 ng
RT: 14.816 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BP021576.D
Acq: 20 Aug 2024 17:24

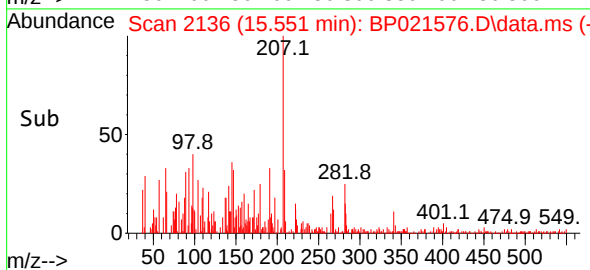
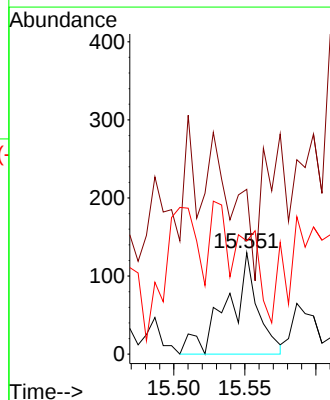
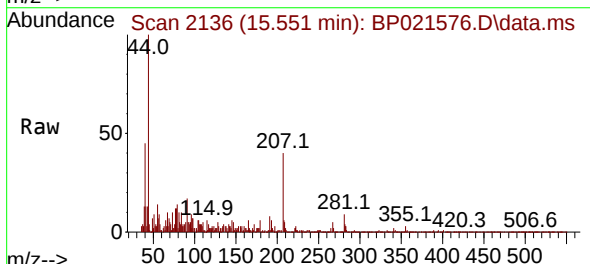
Instrument :
BNA_P
ClientSampleId :
PB162631BL

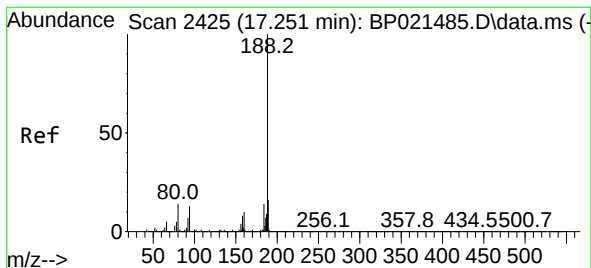
Tgt Ion:165 Resp: 141
Ion Ratio Lower Upper
165 100
63 48.8 42.5 63.7
89 63.5 77.1 115.7#
182 7.2 2.0 3.0#



#62
4-Nitroaniline
Concen: 2.949 ng
RT: 15.551 min Scan# 2136
Delta R.T. 0.023 min
Lab File: BP021576.D
Acq: 20 Aug 2024 17:24

Tgt Ion:138 Resp: 194
Ion Ratio Lower Upper
138 100
92 162.3 46.4 86.4#
108 111.5 73.2 113.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.269 min Scan# 24

Delta R.T. 0.018 min

Lab File: BP021576.D

Acq: 20 Aug 2024 17:24

Instrument :

BNA_P

ClientSampleId :

PB162631BL

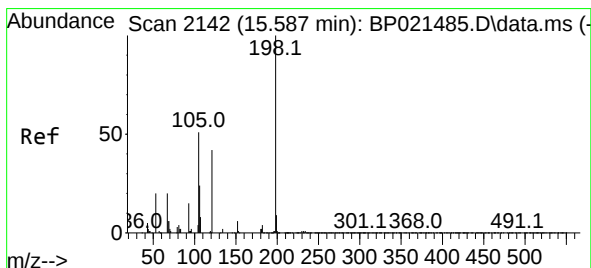
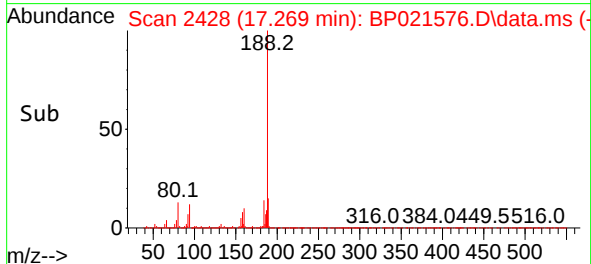
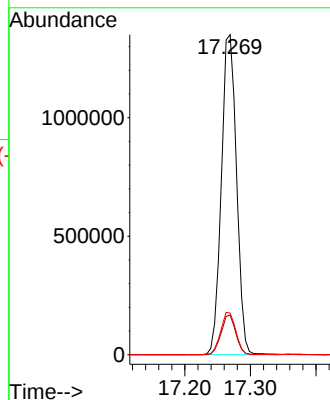
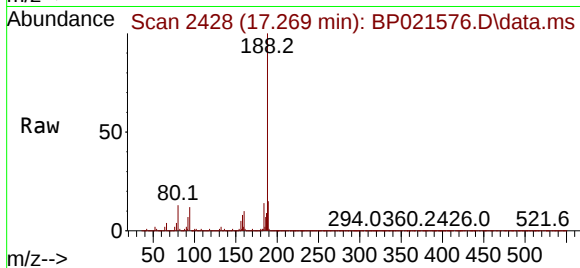
Tgt Ion:188 Resp: 2162093

Ion Ratio Lower Upper

188 100

94 12.4 10.2 15.4

80 13.0 11.6 17.4



#65

4,6-Dinitro-2-methylphenol

Concen: 4.610 ng

RT: 15.598 min Scan# 2144

Delta R.T. 0.011 min

Lab File: BP021576.D

Acq: 20 Aug 2024 17:24

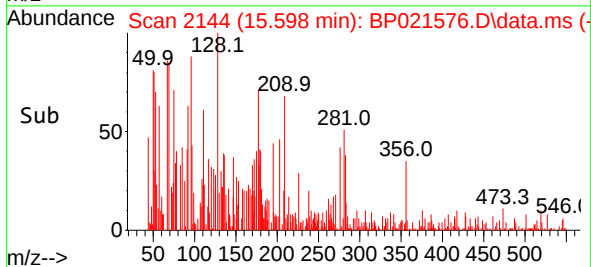
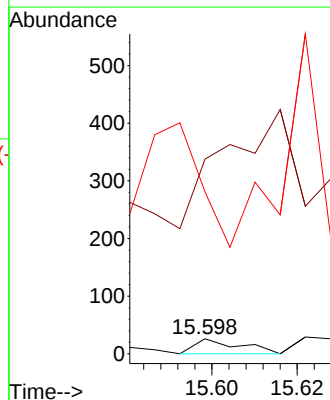
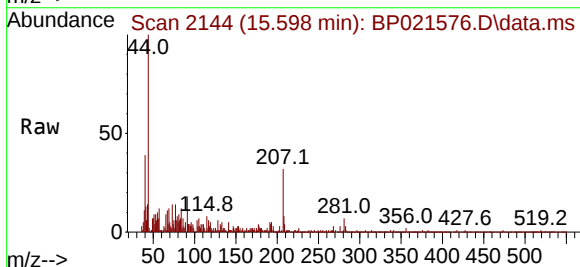
Tgt Ion:198 Resp: 19

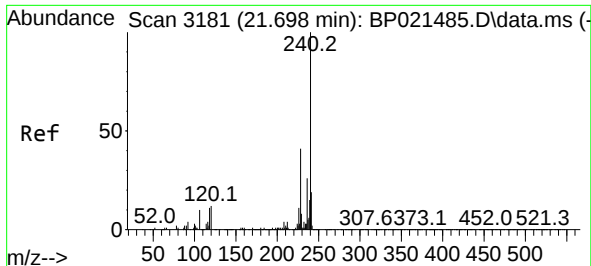
Ion Ratio Lower Upper

198 100

51 1300.0 21.5 61.5#

105 1080.8 32.9 72.9#

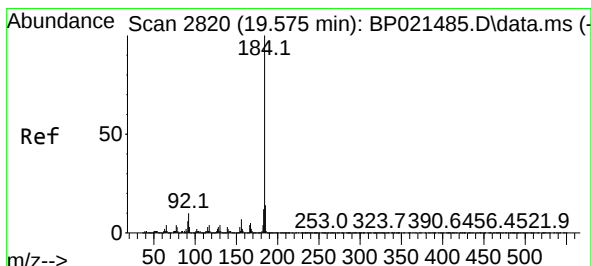
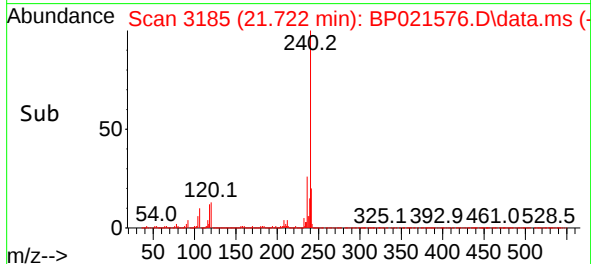
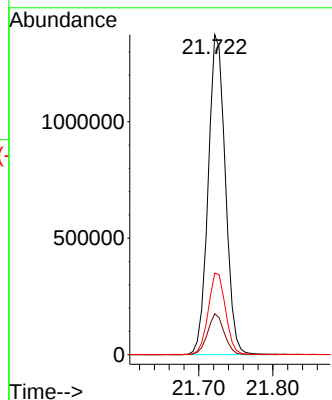
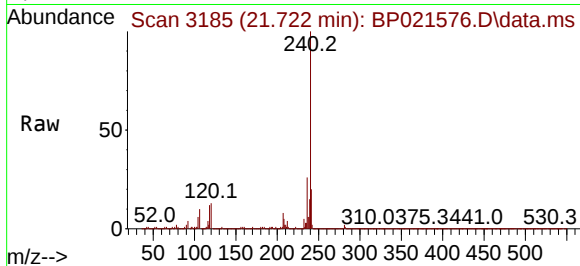




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.722 min Scan# 3181
Delta R.T. 0.024 min
Lab File: BP021576.D
Acq: 20 Aug 2024 17:24

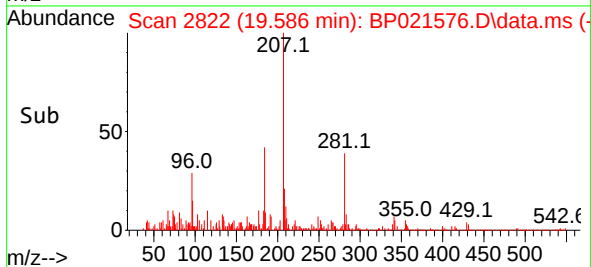
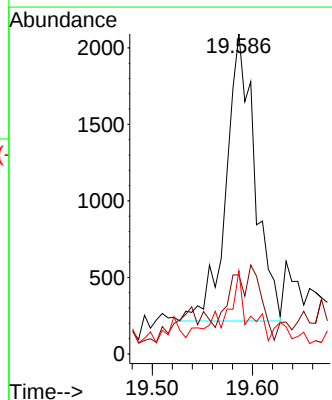
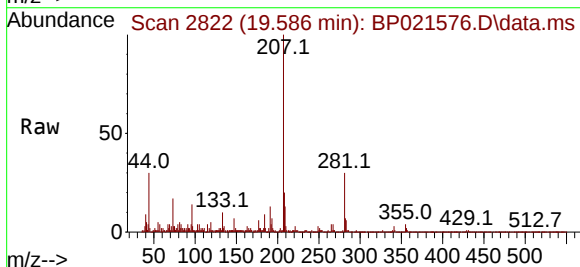
Instrument :
BNA_P
ClientSampleId :
PB162631BL

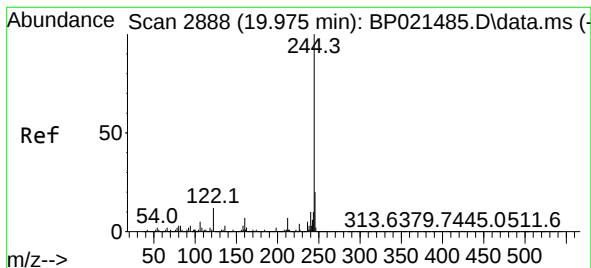
Tgt Ion:240 Resp: 2210458
Ion Ratio Lower Upper
240 100
120 12.8 9.9 14.9
236 25.5 20.6 30.8



#77
Benzidine
Concen: 4.628 ng
RT: 19.586 min Scan# 2822
Delta R.T. 0.011 min
Lab File: BP021576.D
Acq: 20 Aug 2024 17:24

Tgt Ion:184 Resp: 3734
Ion Ratio Lower Upper
184 100
185 24.7 11.4 17.0#
183 25.9 9.3 13.9#





#79

Terphenyl-d14

Concen: 81.492 ng

RT: 19.986 min Scan# 21

Delta R.T. 0.011 min

Lab File: BP021576.D

Acq: 20 Aug 2024 17:24

Instrument :

BNA_P

ClientSampleId :

PB162631BL

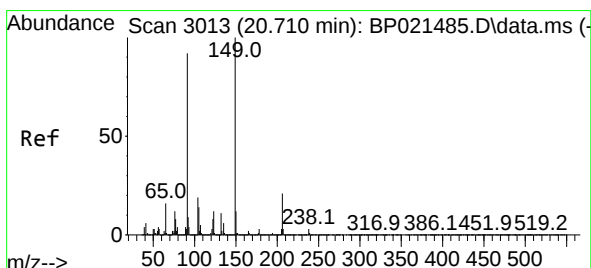
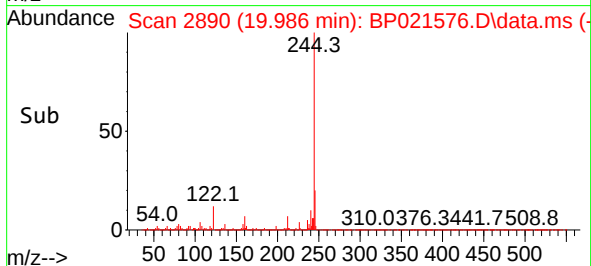
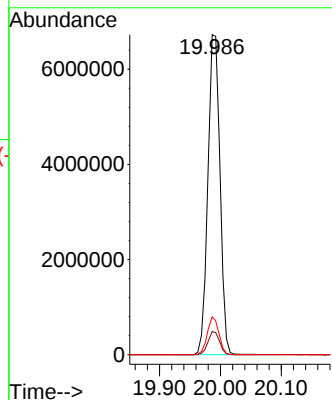
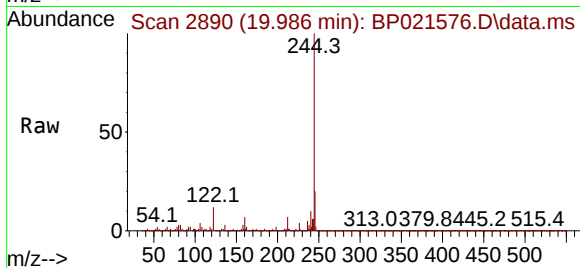
Tgt Ion:244 Resp: 9272285

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 11.8 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.614 ng

RT: 20.722 min Scan# 3015

Delta R.T. 0.012 min

Lab File: BP021576.D

Acq: 20 Aug 2024 17:24

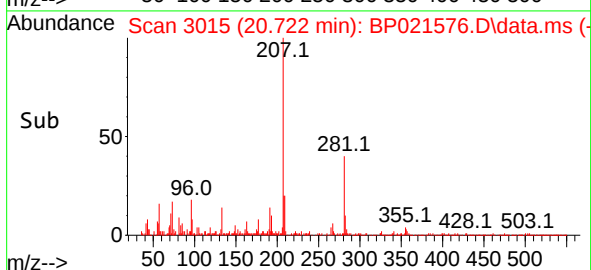
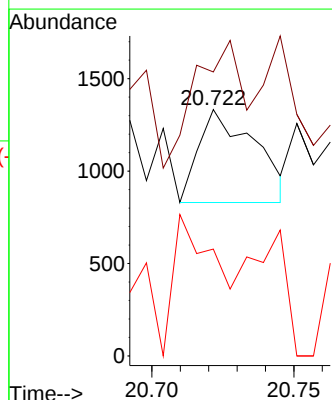
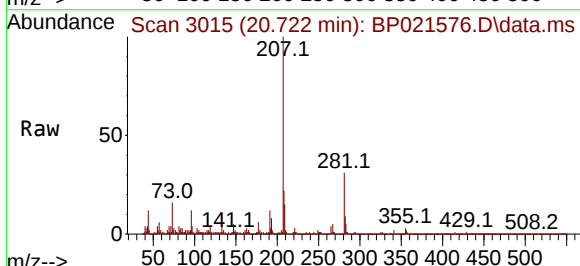
Tgt Ion:149 Resp: 690

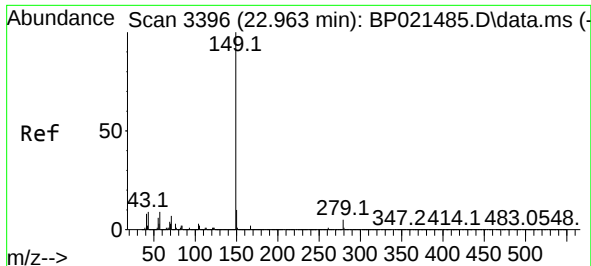
Ion Ratio Lower Upper

149 100

91 115.2 73.3 109.9#

206 43.4 17.1 25.7#

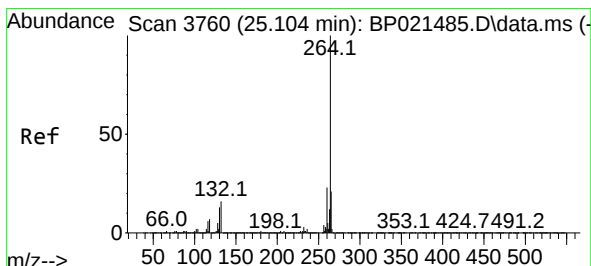
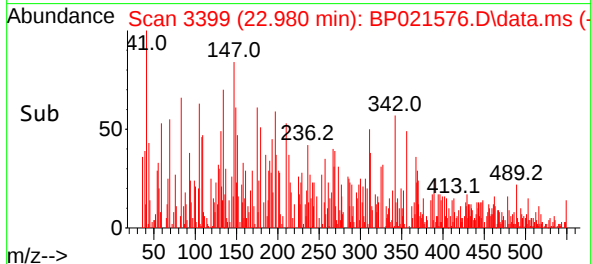
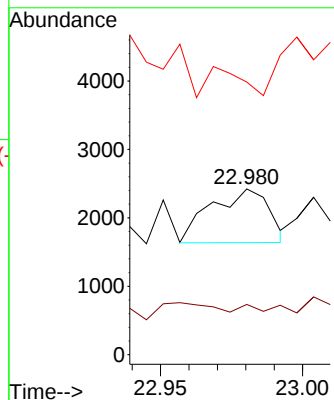
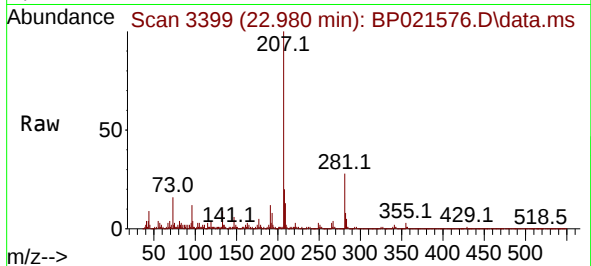




#85
Di-n-octyl phthalate
Concen: 4.843 ng
RT: 22.980 min Scan# 3116
Delta R.T. 0.017 min
Lab File: BP021576.D
Acq: 20 Aug 2024 17:24

Instrument :
BNA_P
ClientSampleId :
PB162631BL

Tgt Ion:149 Resp: 1116
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 0.0 7.3 10.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.174 min Scan# 3772
Delta R.T. 0.071 min
Lab File: BP021576.D
Acq: 20 Aug 2024 17:24

Tgt Ion:264 Resp: 2503158
Ion Ratio Lower Upper
264 100
260 23.0 18.6 28.0
265 21.7 17.1 25.7

