

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
 Data File : BP021589.D
 Acq On : 21 Aug 2024 02:44
 Operator : RC/JU
 Sample : P3657-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 917-J-WS-081624

Quant Time: Aug 21 05:40:51 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)

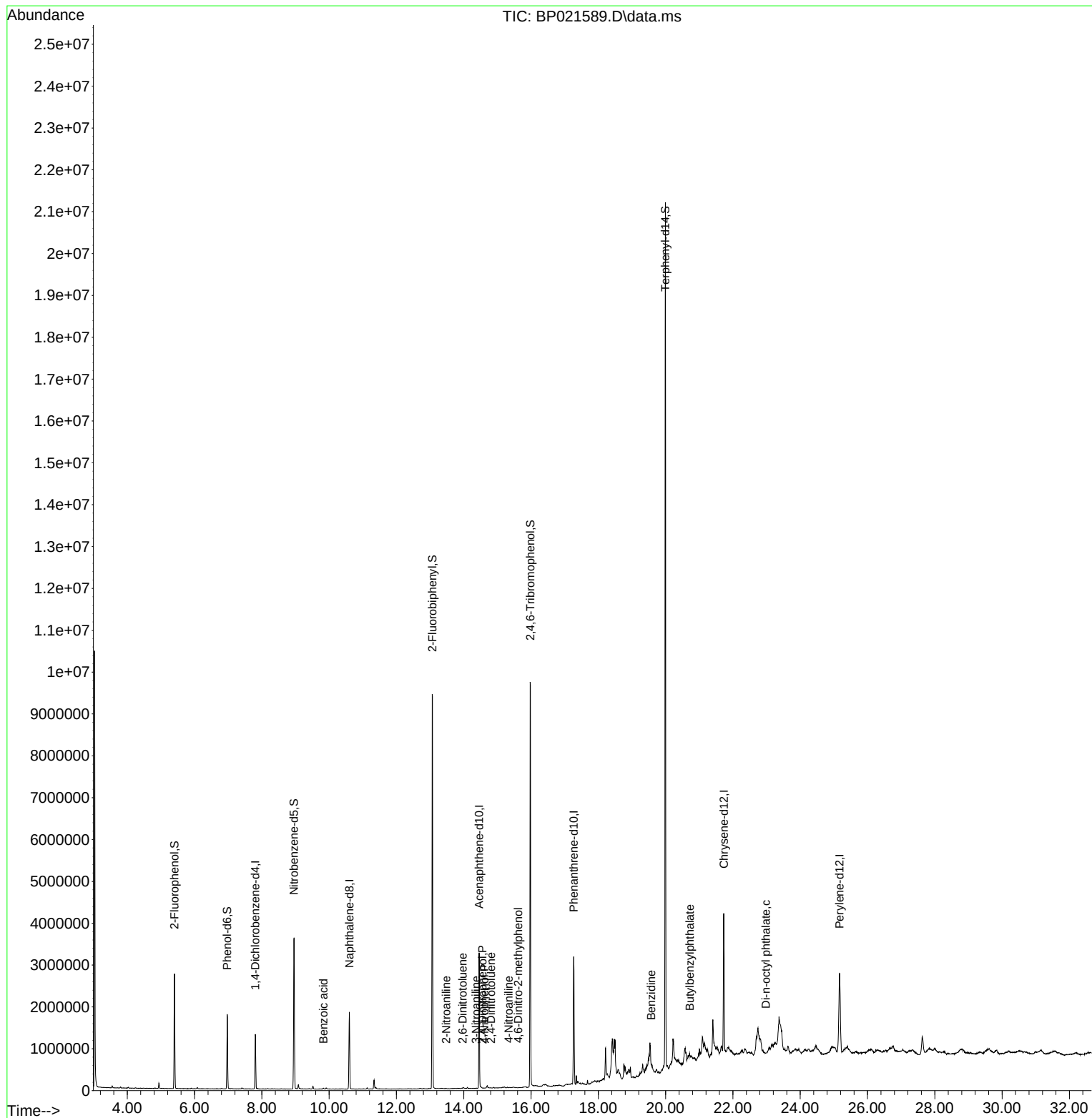
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	352980	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	1458861	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	956855	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	2099848	20.000	ng	0.02
76) Chrysene-d12	21.727	240	1963856	20.000	ng	0.03
86) Perylene-d12	25.168	264	2261178	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	1238318	52.092	ng	0.01
7) Phenol-d6	6.969	99	1142521	32.947	ng	0.00
23) Nitrobenzene-d5	8.952	82	2318497	82.029	ng	0.00
42) 2,4,6-Tribromophenol	15.981	330	1906699	179.043	ng	0.01
45) 2-Fluorobiphenyl	13.069	172	4784620	76.313	ng	0.00
79) Terphenyl-d14	19.992	244	9705536	96.011	ng	0.02
Target Compounds						Qvalue
26) 2-Nitrophenol	9.699	139	59	Below Cal	#	1
32) Benzoic acid	9.828	122	6033	4.102	ng	# 85
48) 2-Nitroaniline	13.475	65	885	5.201	ng	# 54
51) 2,6-Dinitrotoluene	13.969	165	210	4.000	ng	# 89
53) 3-Nitroaniline	14.363	138	210	3.984	ng	# 80
54) 2,4-Dinitrophenol	14.557	184	107	2.476	ng	# 1
56) 4-Nitrophenol	14.616	139	198	5.096	ng	# 43
57) 2,4-Dinitrotoluene	14.810	165	267	5.037	ng	# 80
62) 4-Nitroaniline	15.334	138	282	2.955	ng	# 87
65) 4,6-Dinitro-2-methylph...	15.622	198	182	4.643	ng	# 1
77) Benzidine	19.569	184	420	4.580	ng	# 1
80) Butylbenzylphthalate	20.722	149	5217	3.701	ng	# 55
85) Di-n-octyl phthalate	22.980	149	1758	4.849	ng	# 1

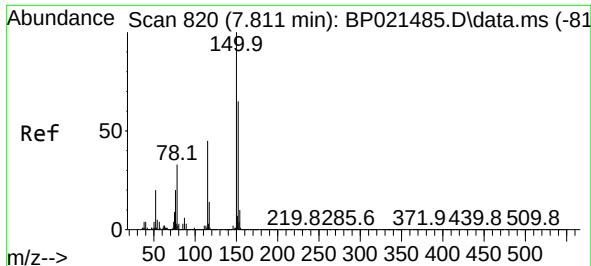
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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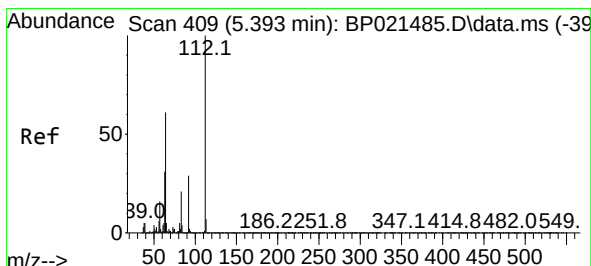
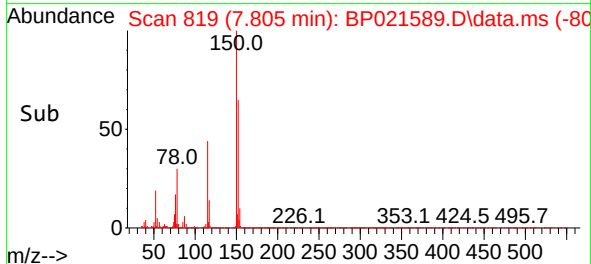
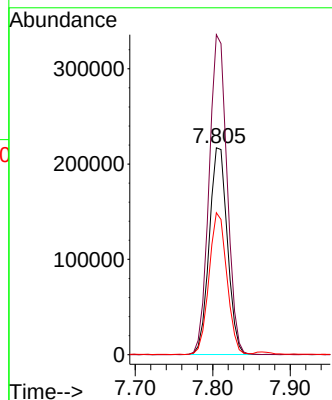
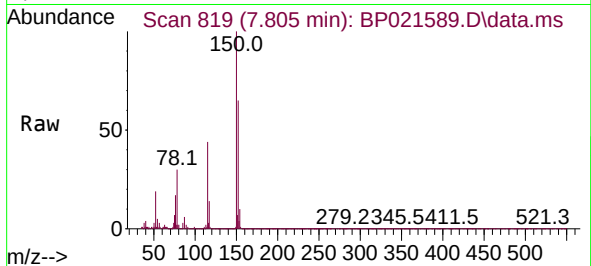




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021589.D
Acq: 21 Aug 2024 02:44

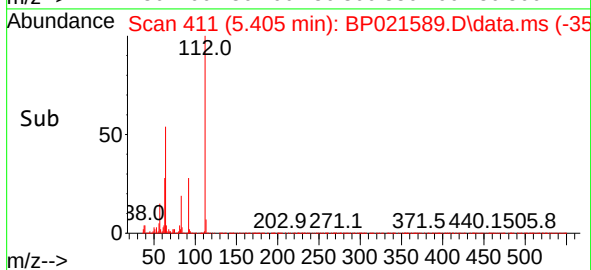
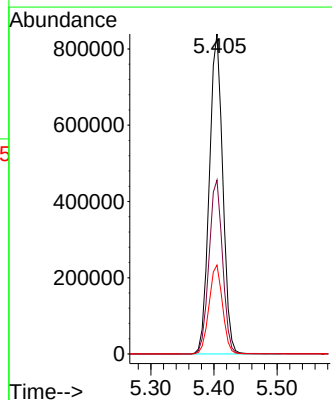
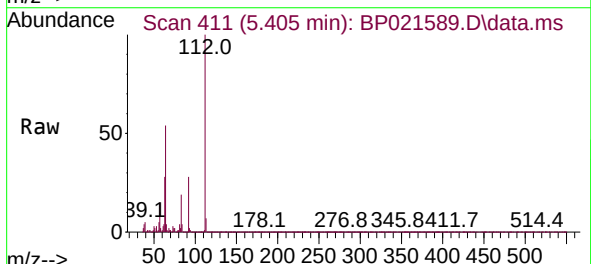
Instrument :
BNA_P
ClientSampleId :
917-J-WS-081624

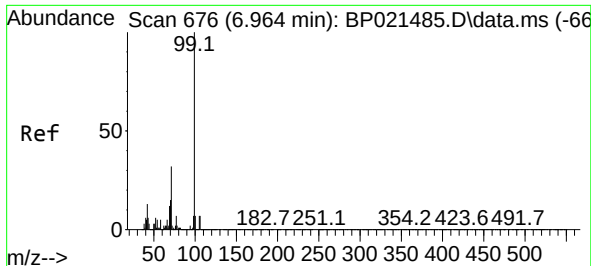
Tgt Ion:152 Resp: 352980
Ion Ratio Lower Upper
152 100
150 154.7 122.4 183.6
115 68.6 54.7 82.1



#5
2-Fluorophenol
Concen: 52.092 ng
RT: 5.405 min Scan# 411
Delta R.T. 0.012 min
Lab File: BP021589.D
Acq: 21 Aug 2024 02:44

Tgt Ion:112 Resp: 1238318
Ion Ratio Lower Upper
112 100
64 54.3 49.0 73.6
63 27.8 24.6 36.8

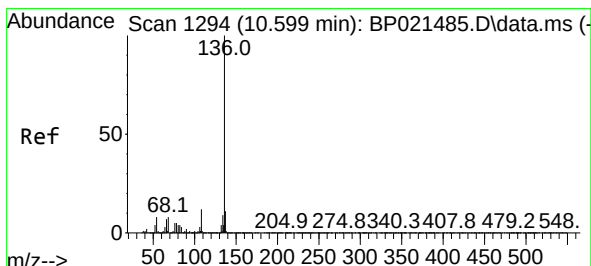
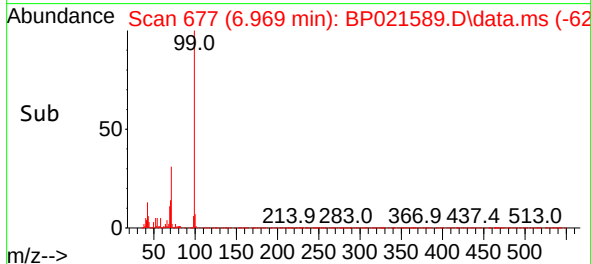
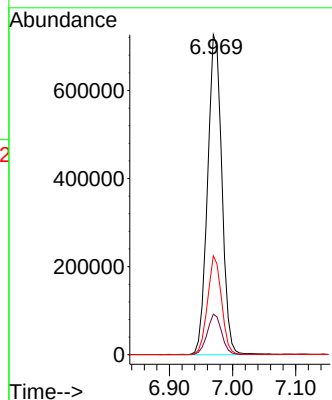
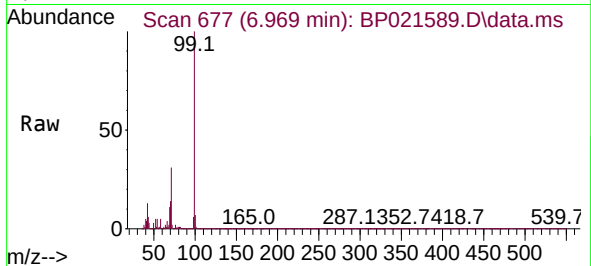




#7
Phenol-d6
Concen: 32.947 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021589.D
Acq: 21 Aug 2024 02:44

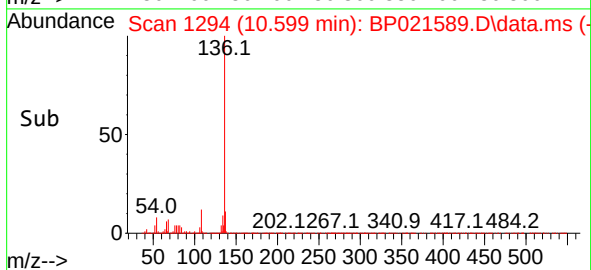
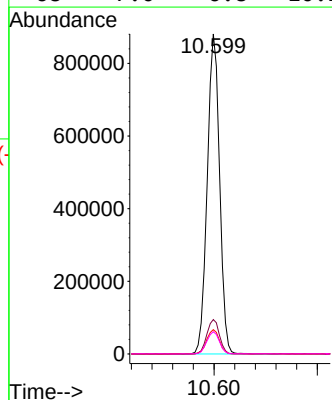
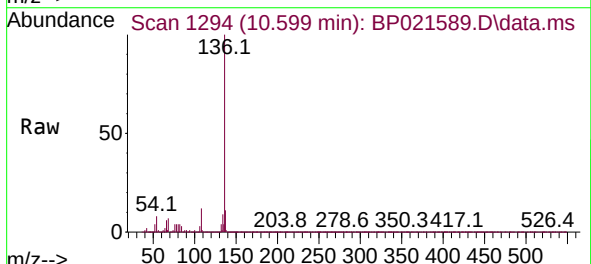
Instrument :
BNA_P
ClientSampleId :
917-J-WS-081624

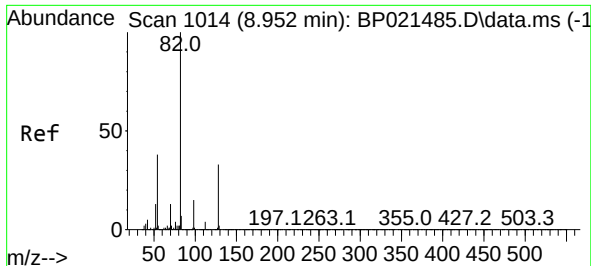
Tgt Ion: 99 Resp: 1142521
Ion Ratio Lower Upper
99 100
42 12.7 10.2 15.4
71 30.9 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BP021589.D
Acq: 21 Aug 2024 02:44

Tgt Ion: 136 Resp: 1458861
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.6 6.3 9.5
68 7.0 6.8 10.2

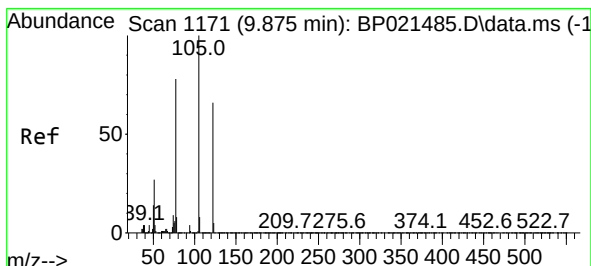
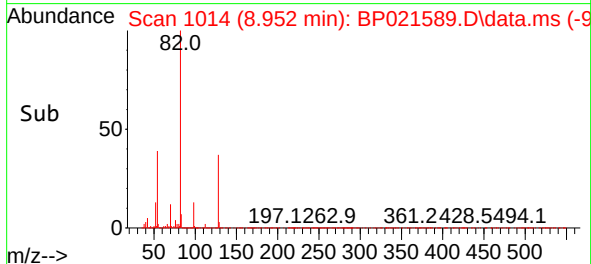
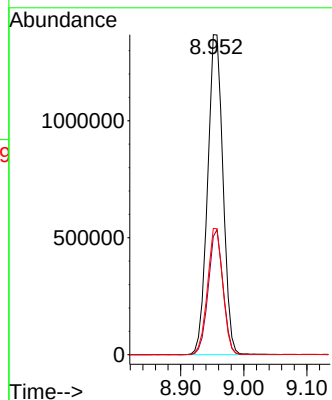
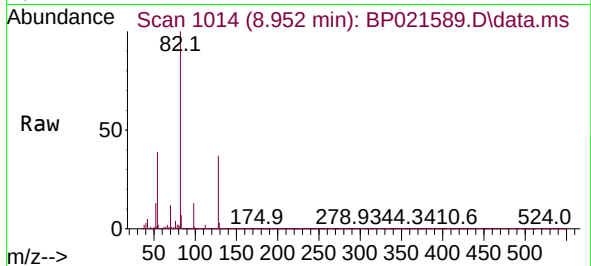




#23
Nitrobenzene-d5
Concen: 82.029 ng
RT: 8.952 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BP021589.D
Acq: 21 Aug 2024 02:44

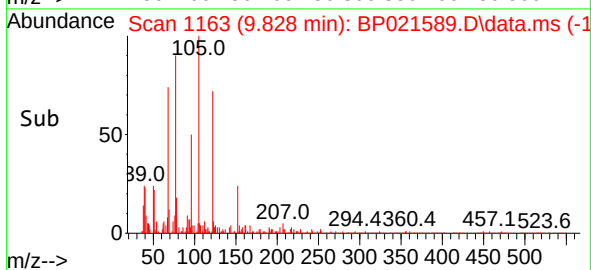
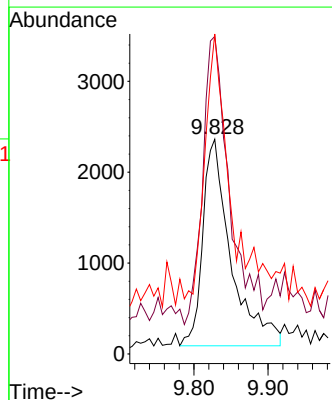
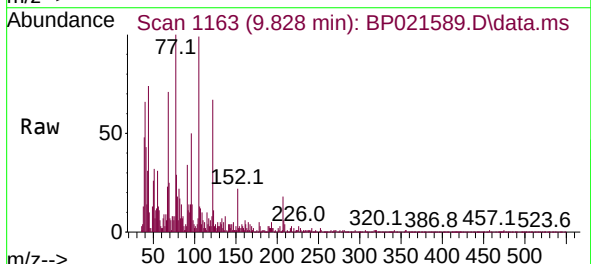
Instrument :
BNA_P
ClientSampleId :
917-J-WS-081624

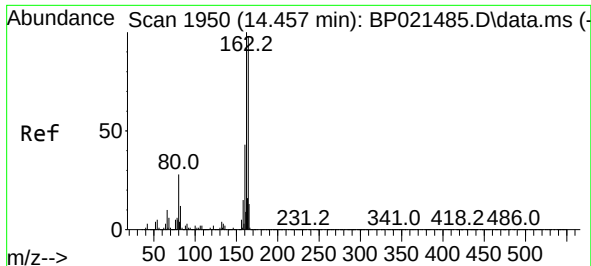
Tgt Ion: 82 Resp: 2318497
Ion Ratio Lower Upper
82 100
128 37.0 26.5 39.7
54 39.5 30.3 45.5



#32
Benzoic acid
Concen: 4.102 ng
RT: 9.828 min Scan# 1163
Delta R.T. -0.047 min
Lab File: BP021589.D
Acq: 21 Aug 2024 02:44

Tgt Ion:122 Resp: 6033
Ion Ratio Lower Upper
122 100
105 147.9 124.6 164.6
77 149.0 96.2 136.2#

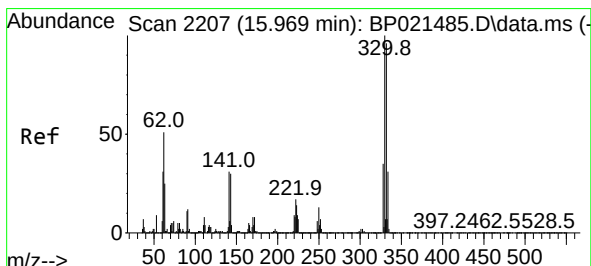
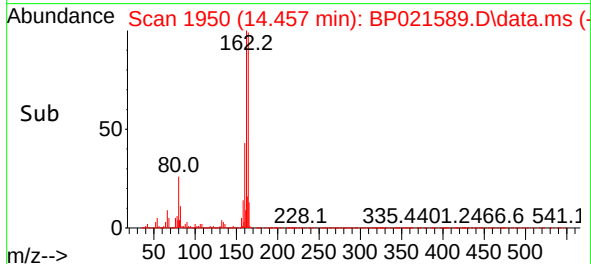
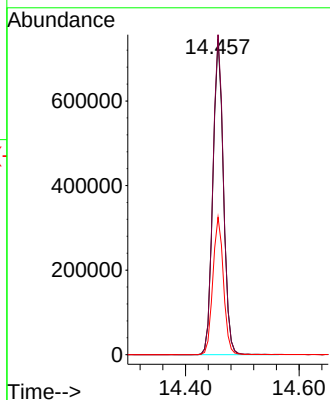
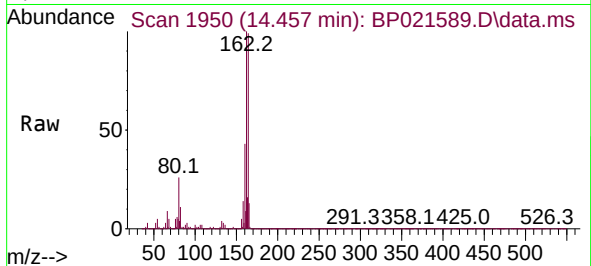




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BP021589.D
Acq: 21 Aug 2024 02:44

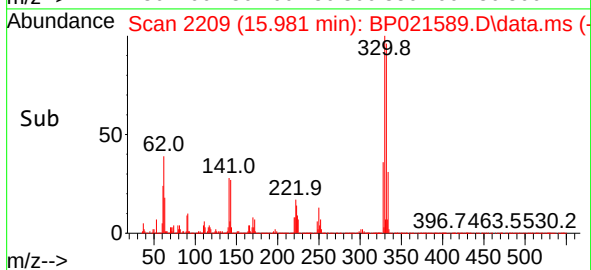
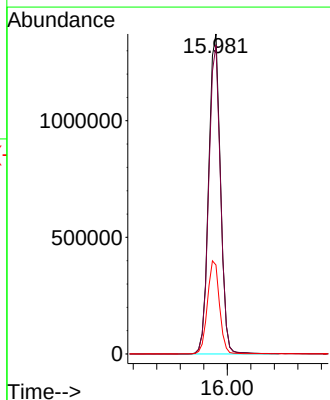
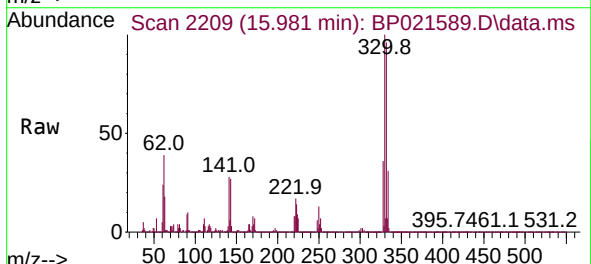
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ClientSampleId :
917-J-WS-081624

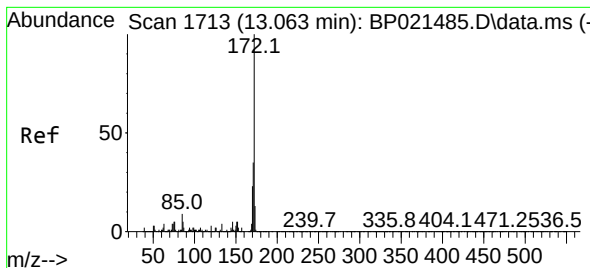
Tgt Ion:164 Resp: 956855
Ion Ratio Lower Upper
164 100
162 101.4 81.5 122.3
160 43.6 35.2 52.8



#42
2,4,6-Tribromophenol
Concen: 179.043 ng
RT: 15.981 min Scan# 2209
Delta R.T. 0.012 min
Lab File: BP021589.D
Acq: 21 Aug 2024 02:44

Tgt Ion:330 Resp: 1906699
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 29.8 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 76.313 ng

RT: 13.069 min Scan# 1713

Delta R.T. 0.006 min

Lab File: BP021589.D

Acq: 21 Aug 2024 02:44

Instrument :

BNA_P

ClientSampleId :

917-J-WS-081624

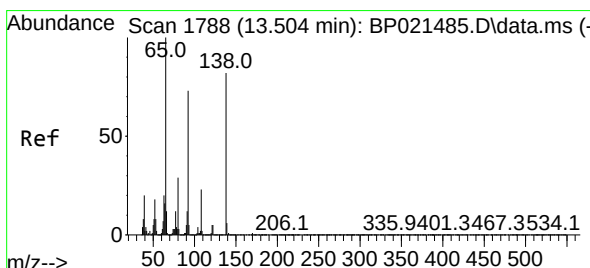
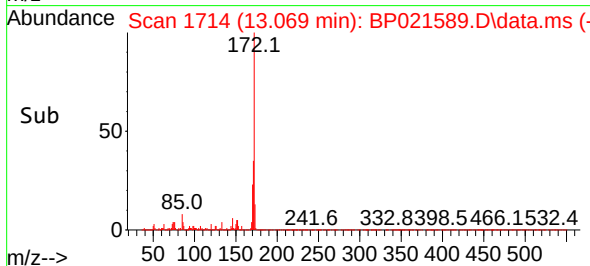
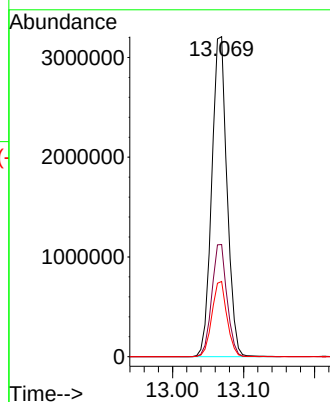
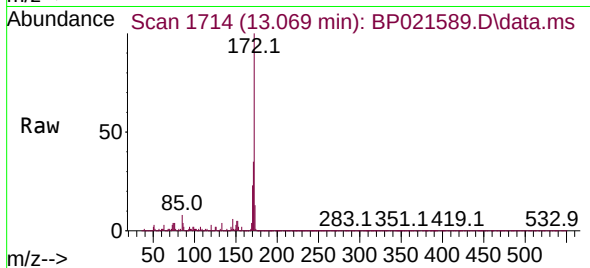
Tgt Ion:172 Resp: 4784620

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.5 18.4 27.6



#48

2-Nitroaniline

Concen: 5.201 ng

RT: 13.475 min Scan# 1783

Delta R.T. -0.029 min

Lab File: BP021589.D

Acq: 21 Aug 2024 02:44

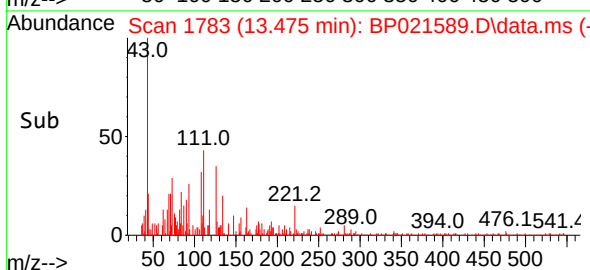
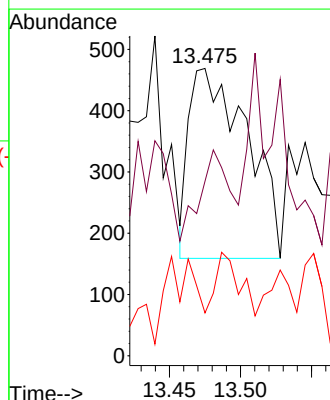
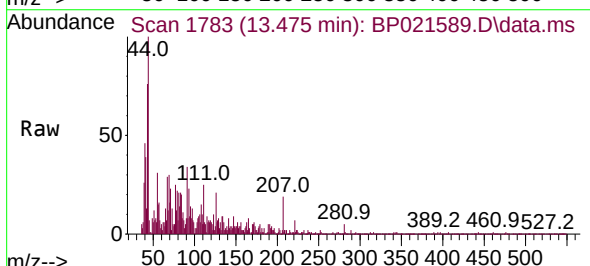
Tgt Ion: 65 Resp: 885

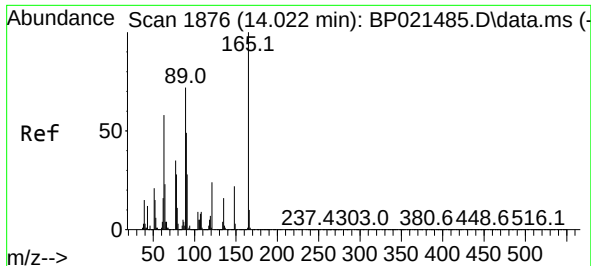
Ion Ratio Lower Upper

65 100

92 60.8 58.1 87.1

138 14.9 65.5 98.3#

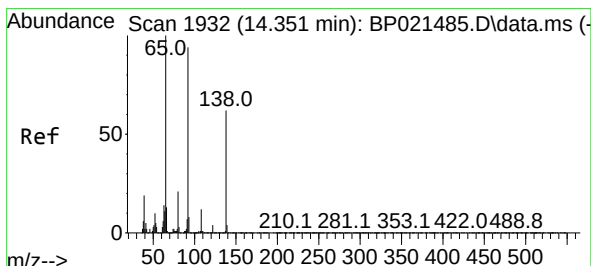
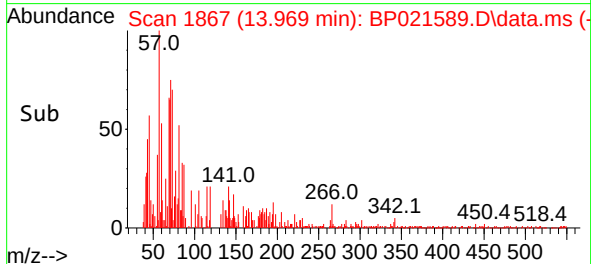
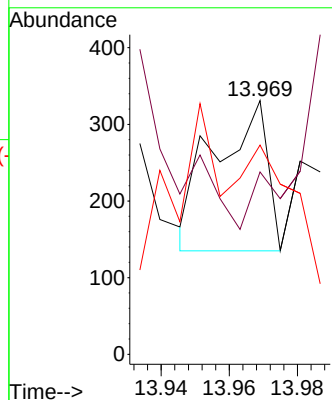
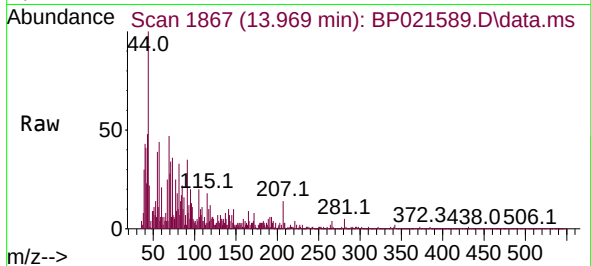




#51
2,6-Dinitrotoluene
Concen: 4.000 ng
RT: 13.969 min Scan# 1867
Delta R.T. -0.053 min
Lab File: BP021589.D
Acq: 21 Aug 2024 02:44

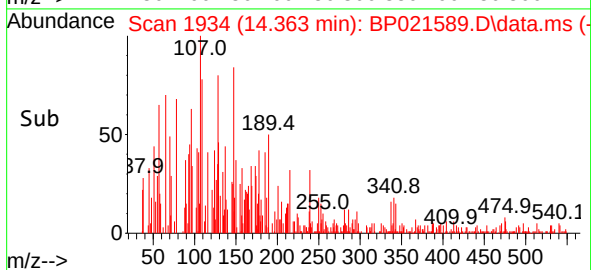
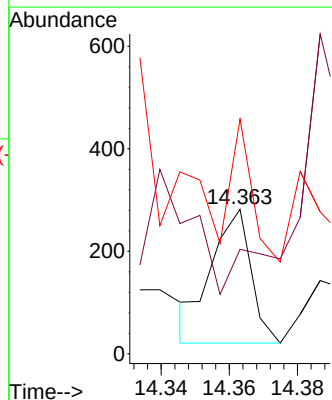
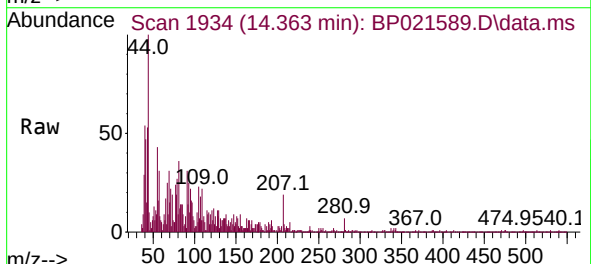
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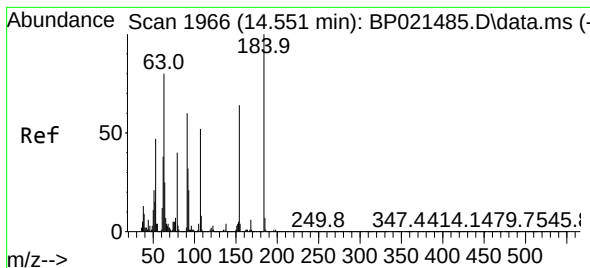
Tgt Ion:165 Resp: 210
Ion Ratio Lower Upper
165 100
63 71.9 51.5 77.3
89 82.5 57.8 86.8



#53
3-Nitroaniline
Concen: 3.984 ng
RT: 14.363 min Scan# 1934
Delta R.T. 0.012 min
Lab File: BP021589.D
Acq: 21 Aug 2024 02:44

Tgt Ion:138 Resp: 210
Ion Ratio Lower Upper
138 100
108 72.3 16.2 24.4#
92 162.4 122.2 183.4





#54

2,4-Dinitrophenol

Concen: 2.476 ng

RT: 14.557 min Scan# 1966

Delta R.T. 0.006 min

Lab File: BP021589.D

Acq: 21 Aug 2024 02:44

Instrument :

BNA_P

ClientSampleId :

917-J-WS-081624

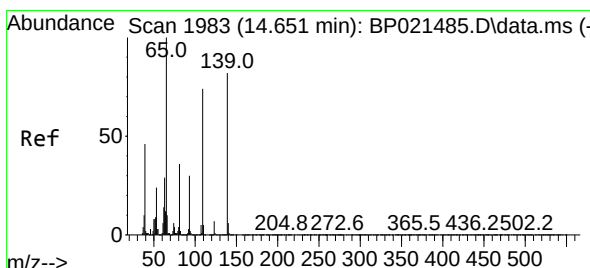
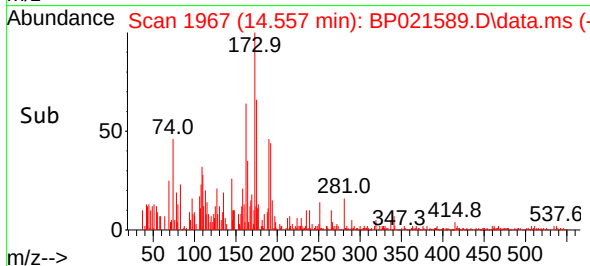
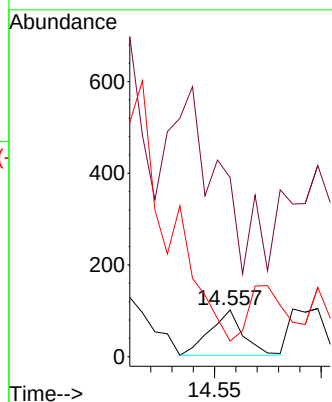
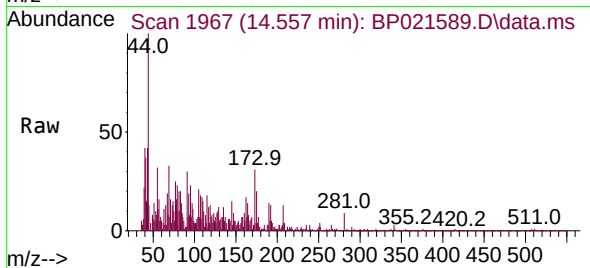
Tgt Ion:184 Resp: 107

Ion Ratio Lower Upper

184 100

63 383.3 64.9 97.3#

154 33.3 52.1 78.1#



#56

4-Nitrophenol

Concen: 5.096 ng

RT: 14.616 min Scan# 1977

Delta R.T. -0.035 min

Lab File: BP021589.D

Acq: 21 Aug 2024 02:44

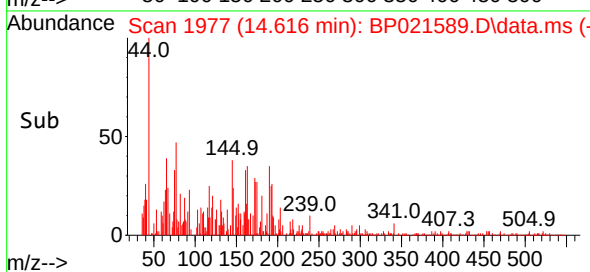
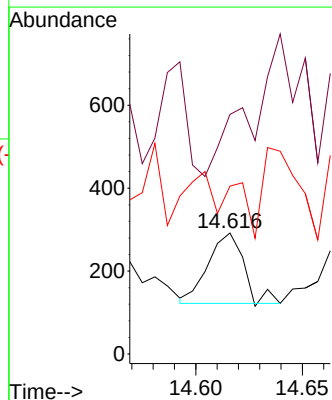
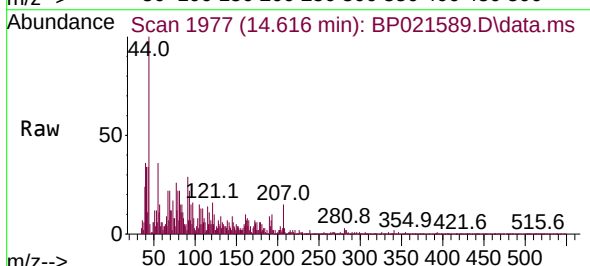
Tgt Ion:139 Resp: 198

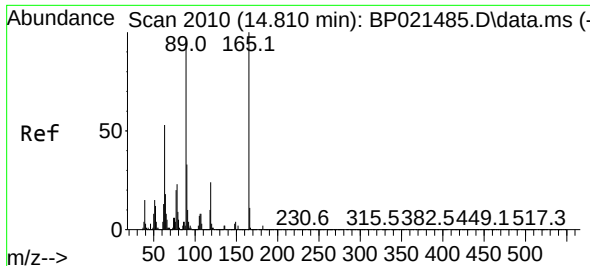
Ion Ratio Lower Upper

139 100

109 197.9 70.2 110.2#

65 138.7 101.8 141.8

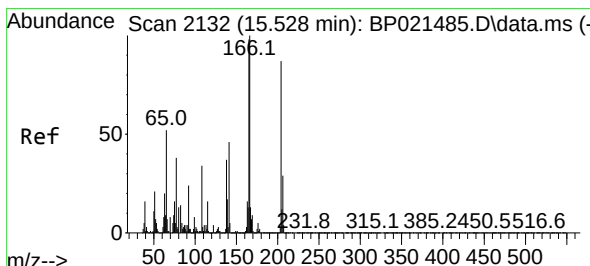
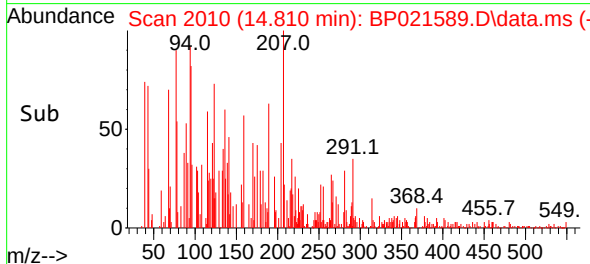
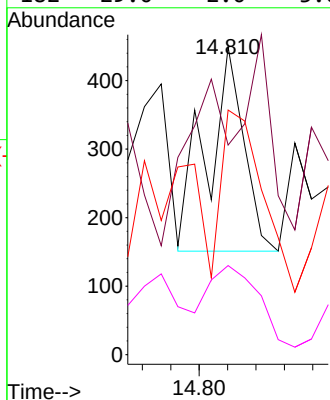
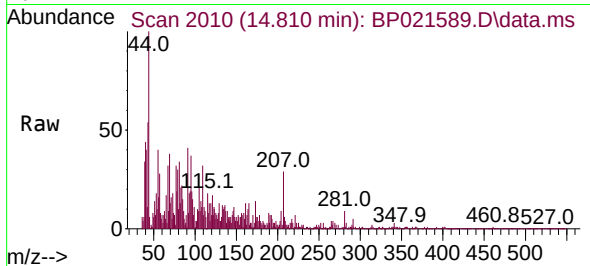




#57
2,4-Dinitrotoluene
Concen: 5.037 ng
RT: 14.810 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BP021589.D
Acq: 21 Aug 2024 02:44

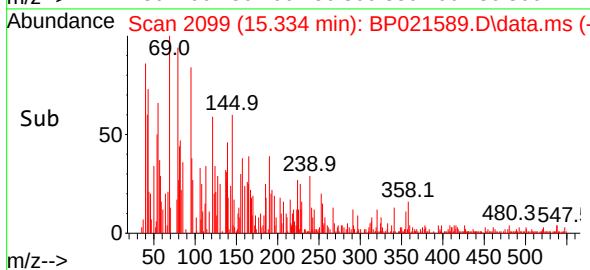
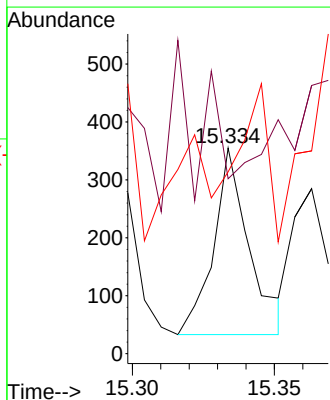
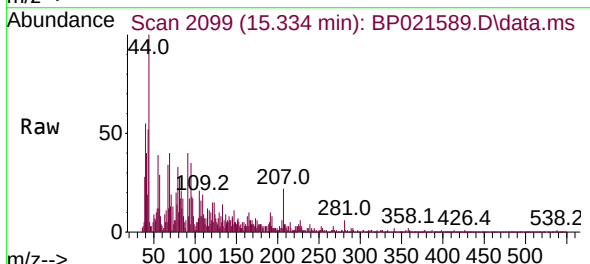
Instrument :
BNA_P
ClientSampleId :
917-J-WS-081624

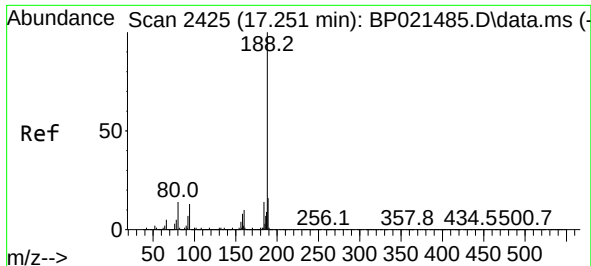
Tgt Ion:165 Resp: 267
Ion Ratio Lower Upper
165 100
63 68.2 42.5 63.7#
89 79.5 77.1 115.7
182 29.0 2.0 3.0#



#62
4-Nitroaniline
Concen: 2.955 ng
RT: 15.334 min Scan# 2099
Delta R.T. -0.194 min
Lab File: BP021589.D
Acq: 21 Aug 2024 02:44

Tgt Ion:138 Resp: 282
Ion Ratio Lower Upper
138 100
92 85.1 46.4 86.4
108 88.5 73.2 113.2

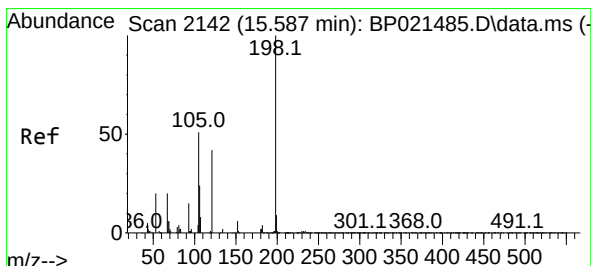
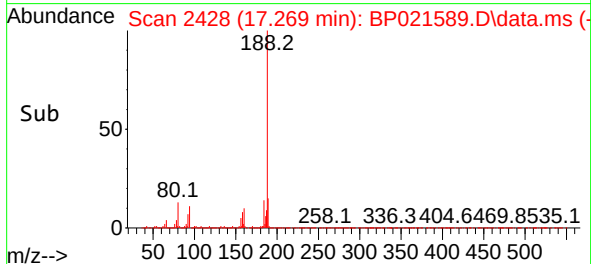
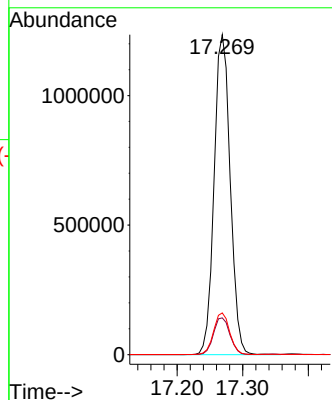
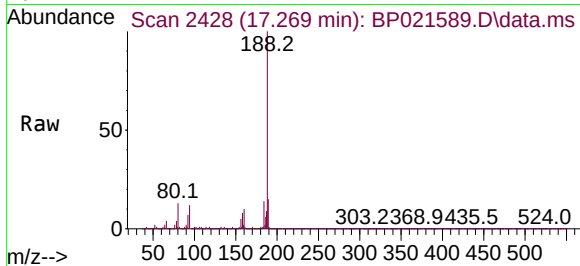




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2425
Delta R.T. 0.018 min
Lab File: BP021589.D
Acq: 21 Aug 2024 02:44

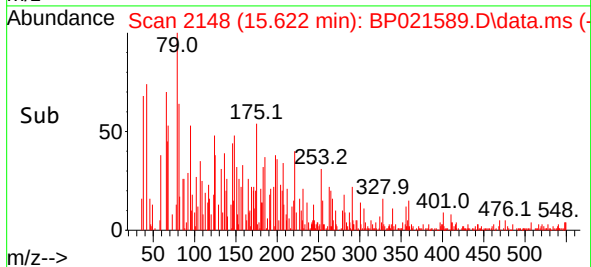
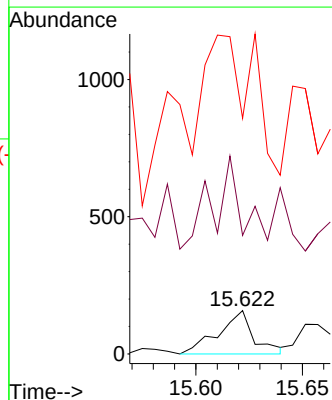
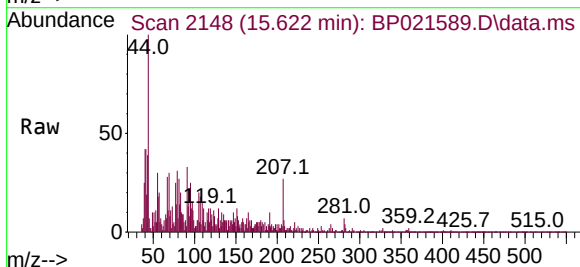
Instrument :
BNA_P
ClientSampleId :
917-J-WS-081624

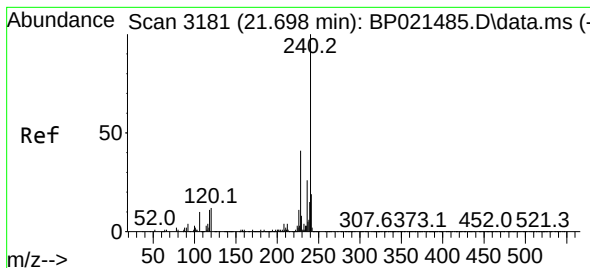
Tgt Ion:188 Resp: 2099848
Ion Ratio Lower Upper
188 100
94 11.5 10.2 15.4
80 13.1 11.6 17.4



#65
4,6-Dinitro-2-methylphenol
Concen: 4.643 ng
RT: 15.622 min Scan# 2148
Delta R.T. 0.035 min
Lab File: BP021589.D
Acq: 21 Aug 2024 02:44

Tgt Ion:198 Resp: 182
Ion Ratio Lower Upper
198 100
51 273.4 21.5 61.5#
105 543.7 32.9 72.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.727 min Scan# 31

Delta R.T. 0.029 min

Lab File: BP021589.D

Acq: 21 Aug 2024 02:44

Instrument :

BNA_P

ClientSampleId :

917-J-WS-081624

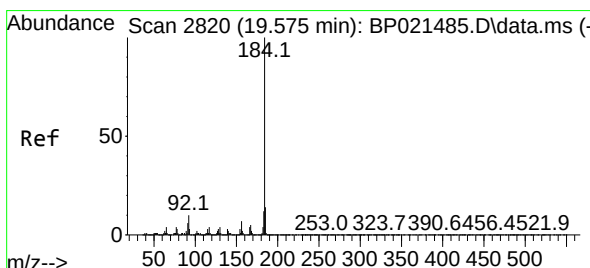
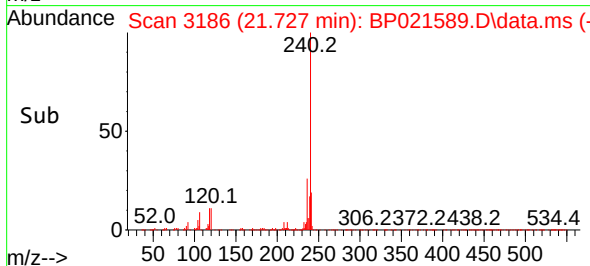
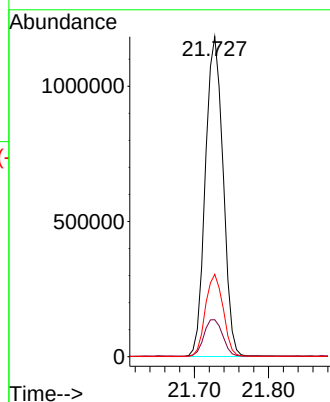
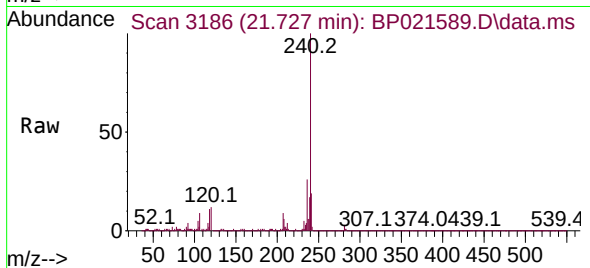
Tgt Ion:240 Resp: 1963856

Ion Ratio Lower Upper

240 100

120 11.5 9.9 14.9

236 25.8 20.6 30.8



#77

Benzidine

Concen: 4.580 ng

RT: 19.569 min Scan# 2819

Delta R.T. -0.006 min

Lab File: BP021589.D

Acq: 21 Aug 2024 02:44

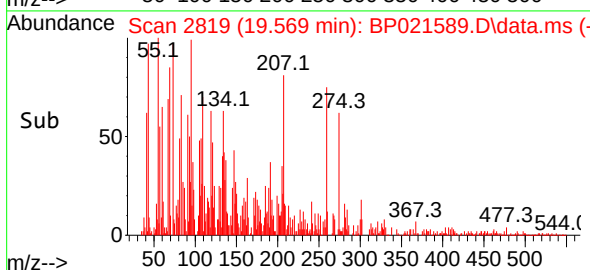
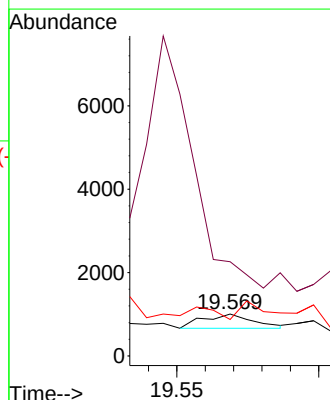
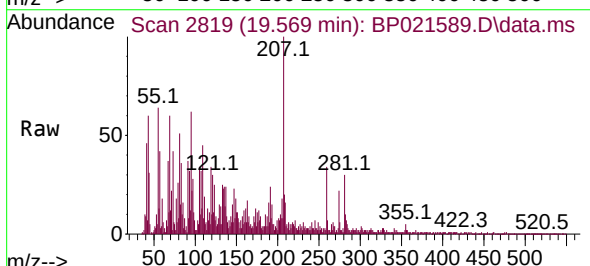
Tgt Ion:184 Resp: 420

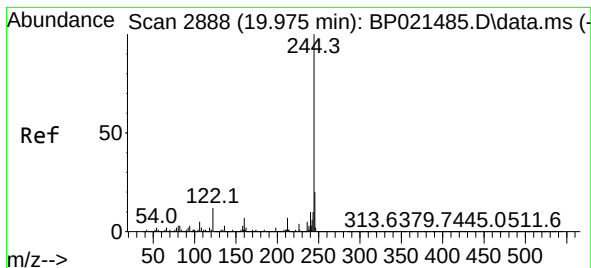
Ion Ratio Lower Upper

184 100

185 225.0 11.4 17.0#

183 87.2 9.3 13.9#





#79

Terphenyl-d14

Concen: 96.011 ng

RT: 19.992 min Scan# 21

Delta R.T. 0.017 min

Lab File: BP021589.D

Acq: 21 Aug 2024 02:44

Instrument :

BNA_P

ClientSampleId :

917-J-WS-081624

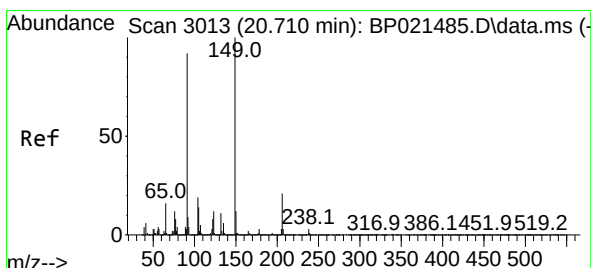
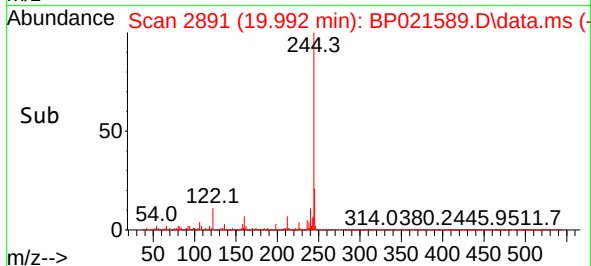
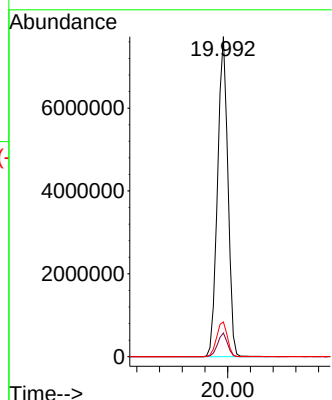
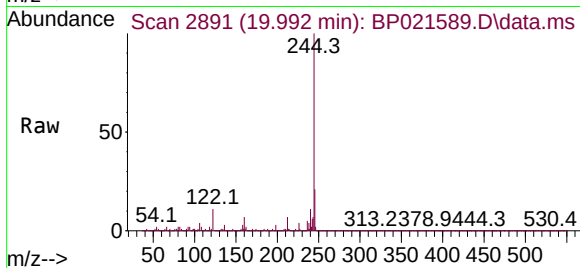
Tgt Ion:244 Resp: 9705536

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

122 10.8 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.701 ng

RT: 20.722 min Scan# 3015

Delta R.T. 0.012 min

Lab File: BP021589.D

Acq: 21 Aug 2024 02:44

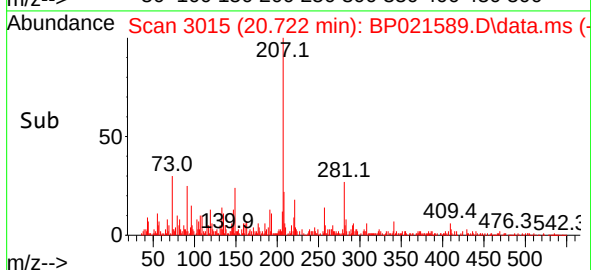
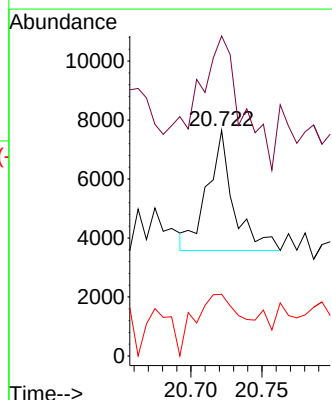
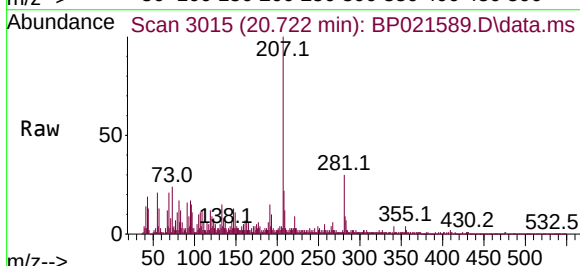
Tgt Ion:149 Resp: 5217

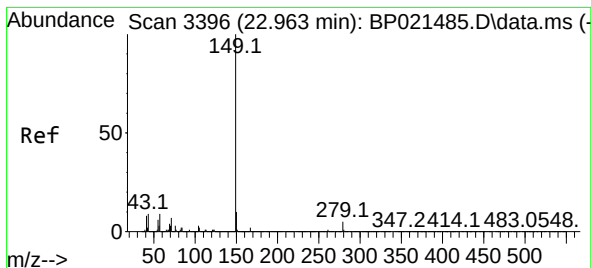
Ion Ratio Lower Upper

149 100

91 141.9 73.3 109.9#

206 27.3 17.1 25.7#





#85

Di-n-octyl phthalate

Concen: 4.849 ng

RT: 22.980 min Scan# 31

Delta R.T. 0.017 min

Lab File: BP021589.D

Acq: 21 Aug 2024 02:44

Instrument :

BNA_P

ClientSampleId :

917-J-WS-081624

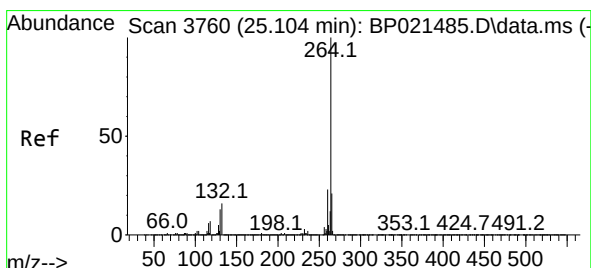
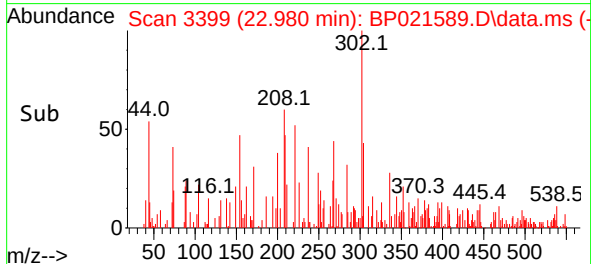
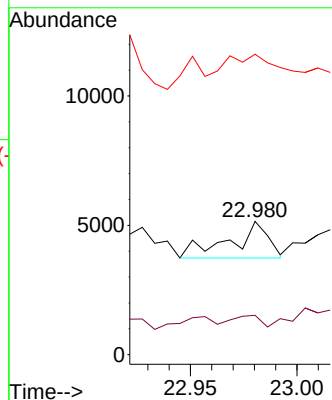
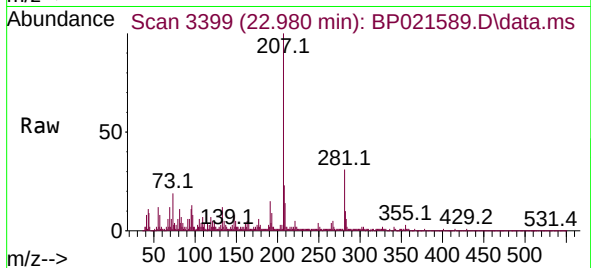
Tgt Ion:149 Resp: 1758

Ion Ratio Lower Upper

149 100

167 22.8 1.3 1.9#

43 73.4 7.3 10.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.168 min Scan# 3771

Delta R.T. 0.065 min

Lab File: BP021589.D

Acq: 21 Aug 2024 02:44

Tgt Ion:264 Resp: 2261178

Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.8 17.1 25.7

