

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081624\
 Data File : BP021533.D
 Acq On : 16 Aug 2024 10:17
 Operator : RC/JU
 Sample : PB162487BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB162487BL

Quant Time: Aug 16 11:09:31 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)

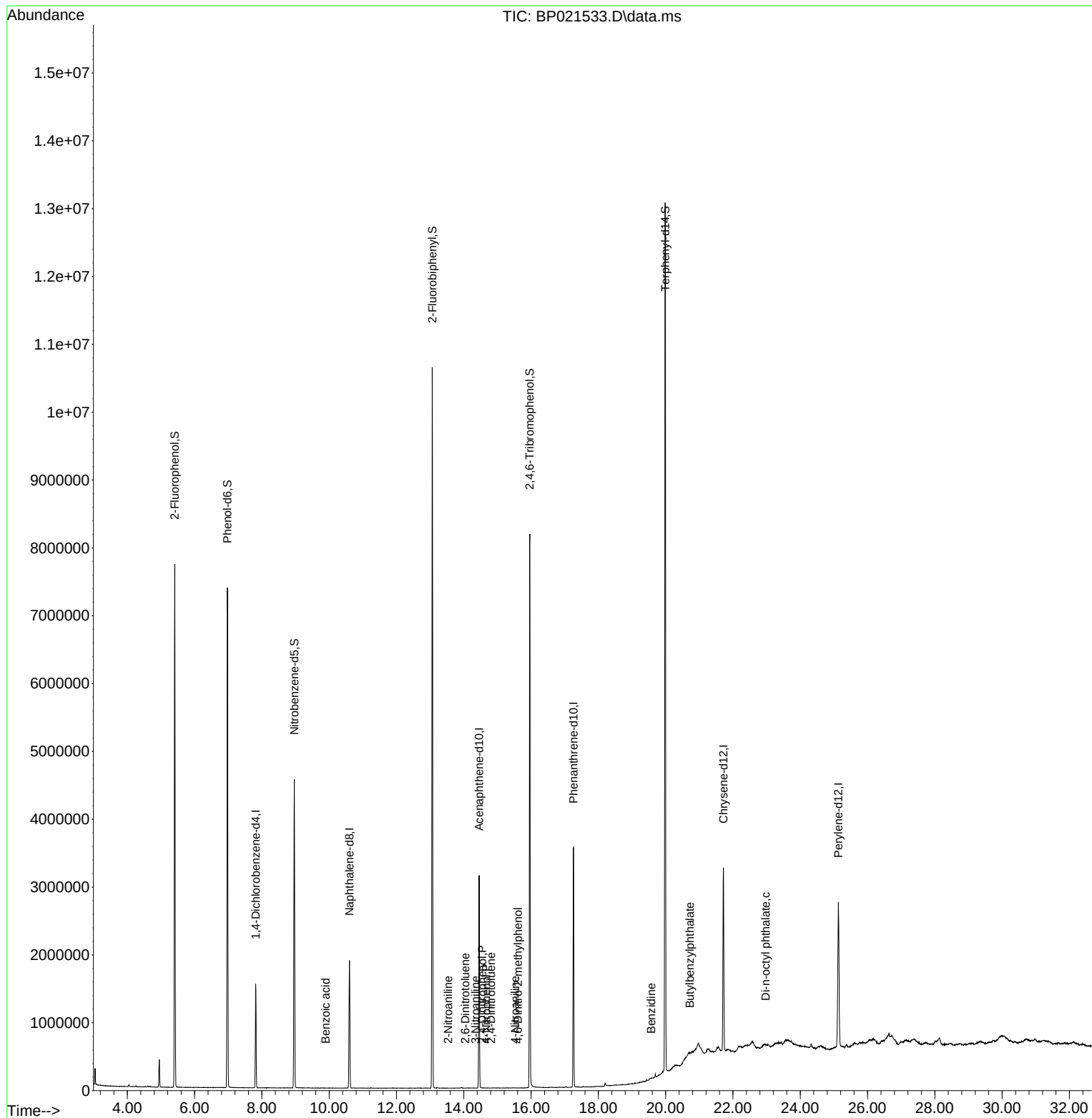
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	401861	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1614879	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	1070988	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	2204946	20.000	ng	0.01
76) Chrysene-d12	21.716	240	1731591	20.000	ng	0.02
86) Perylene-d12	25.133	264	2054243	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	3490227	128.963	ng	0.02
7) Phenol-d6	6.975	99	4733254	119.890	ng	0.01
23) Nitrobenzene-d5	8.963	82	2851297	91.134	ng	0.01
42) 2,4,6-Tribromophenol	15.963	330	1680783	141.009	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	5627728	80.195	ng	0.00
79) Terphenyl-d14	19.986	244	8187236	91.855	ng	0.01
Target Compounds						Qvalue
26) 2-Nitrophenol	9.687	139	111	Below Cal	#	1
32) Benzoic acid	9.893	122	139	3.335 ng	#	15
48) 2-Nitroaniline	13.534	65	617	5.181 ng	#	58
51) 2,6-Dinitrotoluene	14.045	165	89	3.991 ng	#	86
53) 3-Nitroaniline	14.351	138	54	3.973 ng	#	1
54) 2,4-Dinitrophenol	14.551	184	63	2.454 ng	#	1
56) 4-Nitrophenol	14.669	139	359	5.107 ng	#	43
57) 2,4-Dinitrotoluene	14.810	165	509	5.047 ng	#	62
62) 4-Nitroaniline	15.528	138	39	2.937 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.610	198	92	4.624 ng	#	1
77) Benzidine	19.569	184	2218	4.614 ng	#	29
80) Butylbenzylphthalate	20.721	149	786	3.619 ng	#	75
85) Di-n-octyl phthalate	22.974	149	672	4.842 ng	#	58

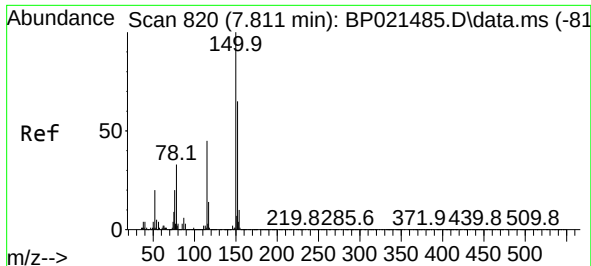
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081624\
Data File : BP021533.D
Acq On : 16 Aug 2024 10:17
Operator : RC/JU
Sample : PB162487BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB162487BL

Quant Time: Aug 16 11:09:31 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

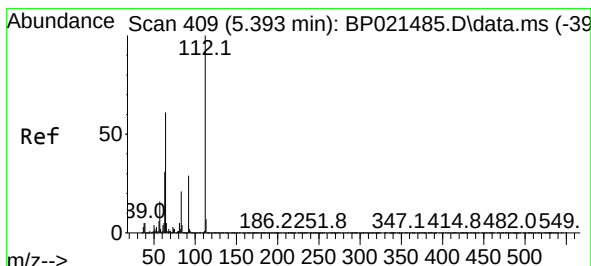
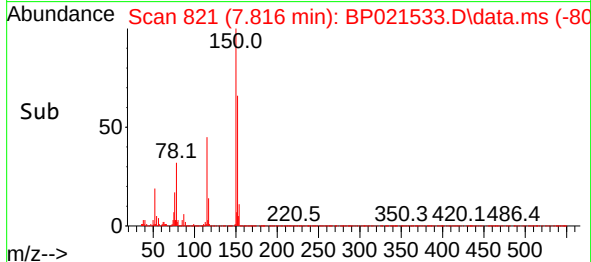
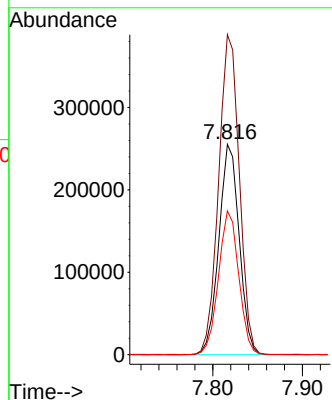
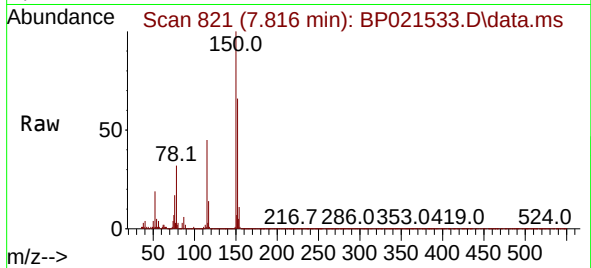




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. 0.005 min
Lab File: BP021533.D
Acq: 16 Aug 2024 10:17

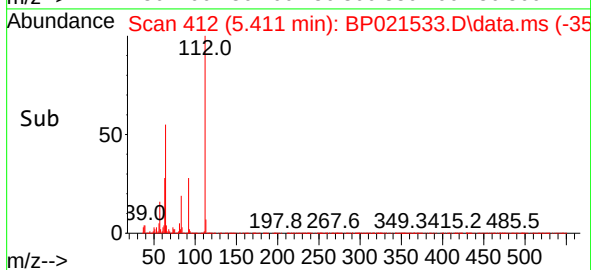
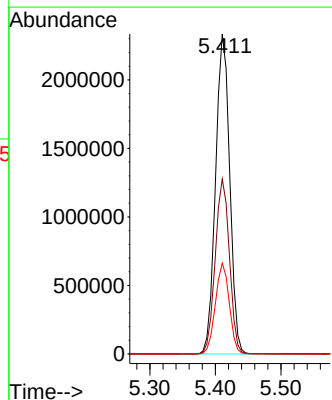
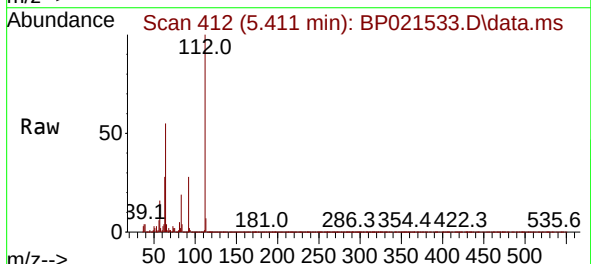
Instrument :
BNA_P
ClientSampleId :
PB162487BL

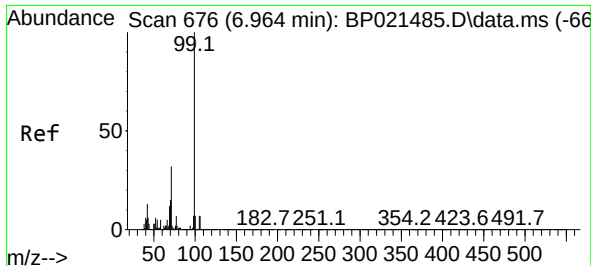
Tgt Ion:152 Resp: 401861
Ion Ratio Lower Upper
152 100
150 152.0 122.4 183.6
115 68.3 54.7 82.1



#5
2-Fluorophenol
Concen: 128.963 ng
RT: 5.411 min Scan# 412
Delta R.T. 0.017 min
Lab File: BP021533.D
Acq: 16 Aug 2024 10:17

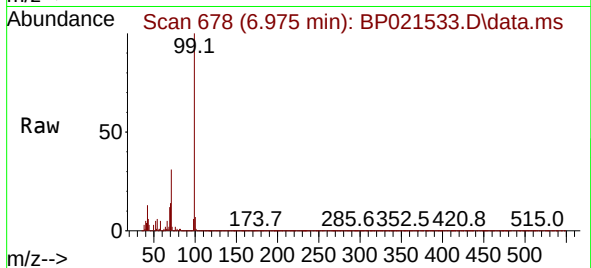
Tgt Ion:112 Resp: 3490227
Ion Ratio Lower Upper
112 100
64 54.7 49.0 73.6
63 28.4 24.6 36.8



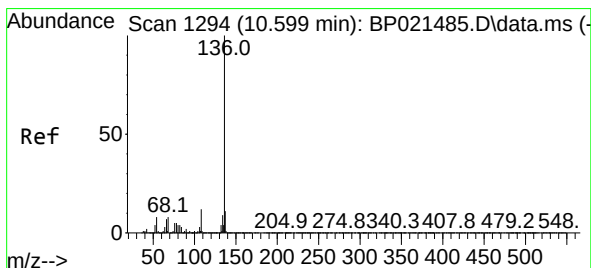
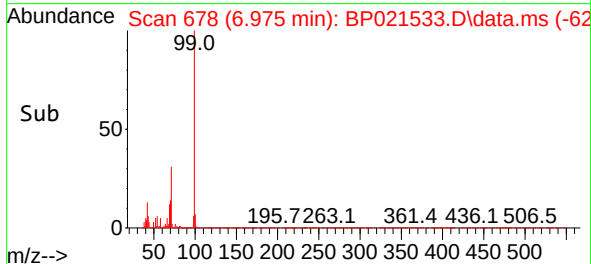
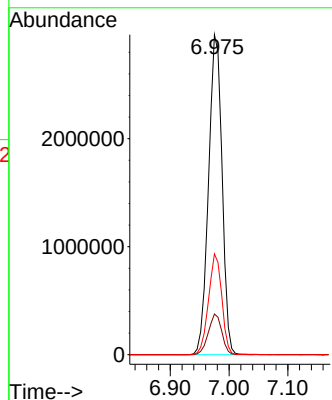


#7
Phenol-d6
Concen: 119.890 ng
RT: 6.975 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP021533.D
Acq: 16 Aug 2024 10:17

Instrument :
BNA_P
ClientSampleId :
PB162487BL

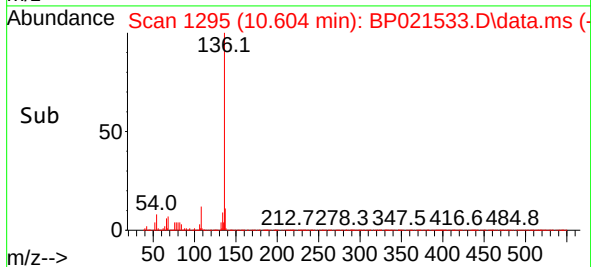
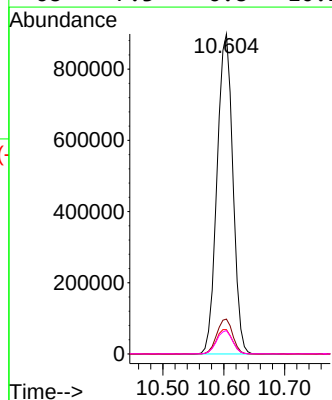
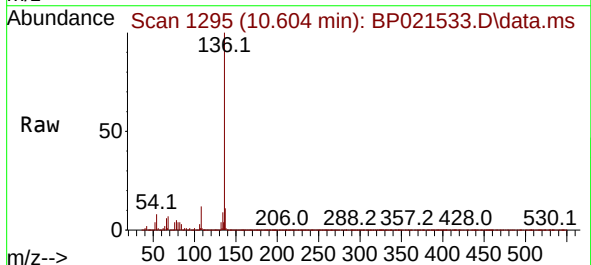


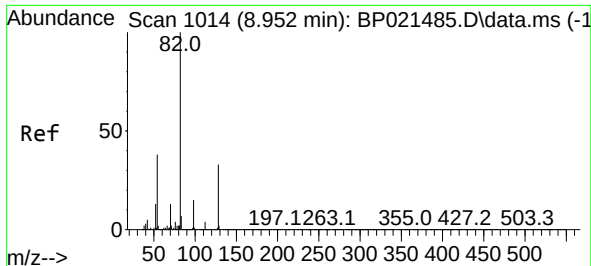
Tgt Ion: 99 Resp: 4733254
Ion Ratio Lower Upper
99 100
42 12.7 10.2 15.4
71 31.5 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. 0.005 min
Lab File: BP021533.D
Acq: 16 Aug 2024 10:17

Tgt Ion: 136 Resp: 1614879
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.6 6.3 9.5
68 7.3 6.8 10.2

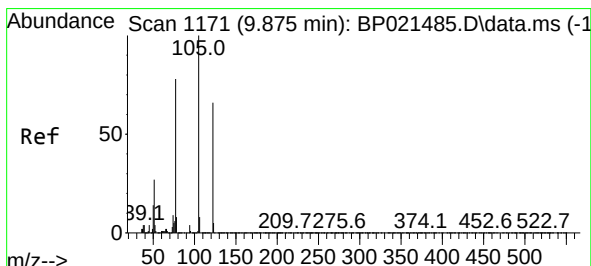
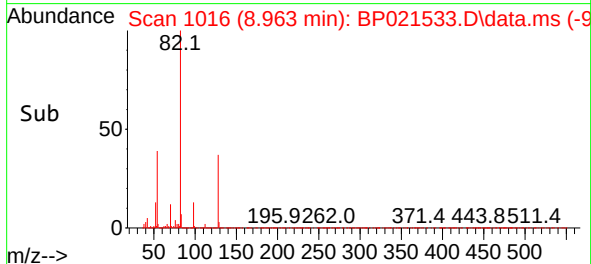
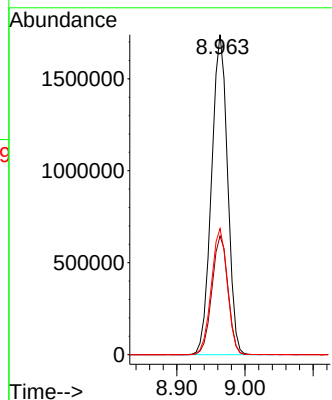
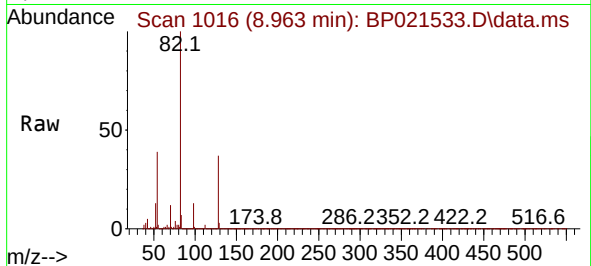




#23
Nitrobenzene-d5
Concen: 91.134 ng
RT: 8.963 min Scan# 1016
Delta R.T. 0.012 min
Lab File: BP021533.D
Acq: 16 Aug 2024 10:17

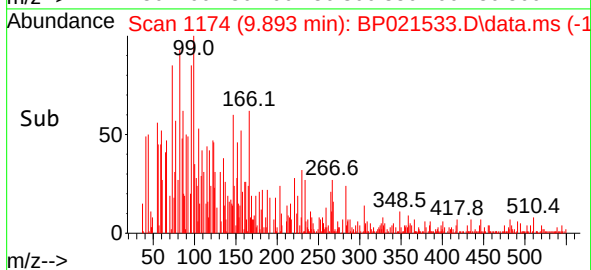
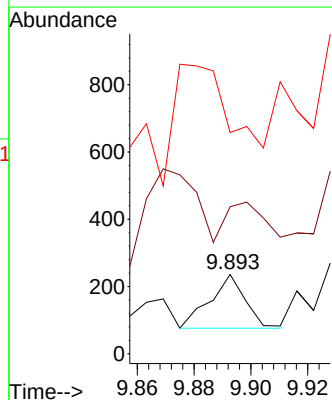
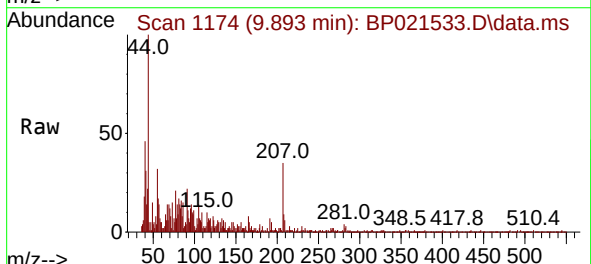
Instrument :
BNA_P
ClientSampleId :
PB162487BL

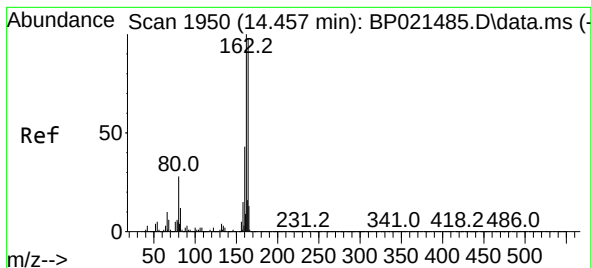
Tgt Ion: 82 Resp: 2851297
Ion Ratio Lower Upper
82 100
128 37.1 26.5 39.7
54 39.4 30.3 45.5



#32
Benzoic acid
Concen: 3.335 ng
RT: 9.893 min Scan# 1174
Delta R.T. 0.018 min
Lab File: BP021533.D
Acq: 16 Aug 2024 10:17

Tgt Ion: 122 Resp: 139
Ion Ratio Lower Upper
122 100
105 185.2 124.6 164.6#
77 278.8 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: BP021533.D

Acq: 16 Aug 2024 10:17

Instrument :

BNA_P

ClientSampleId :

PB162487BL

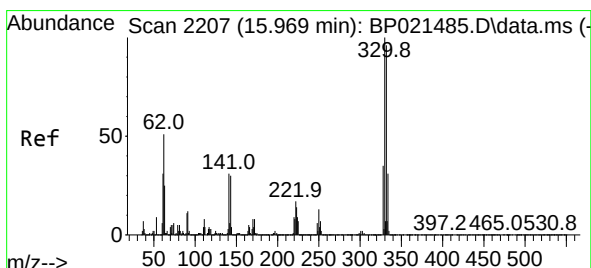
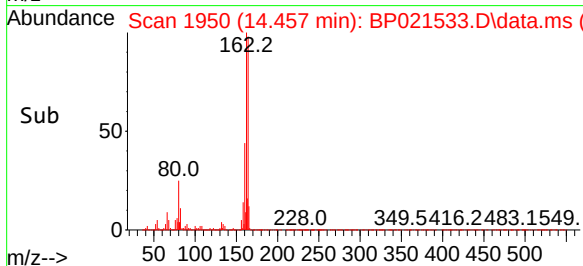
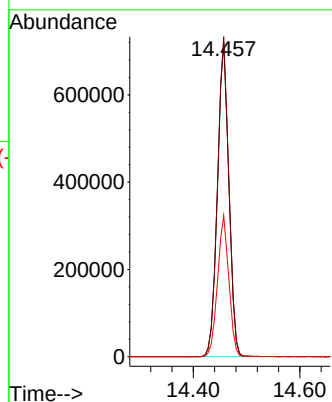
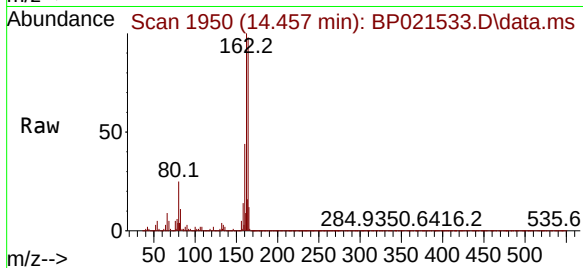
Tgt Ion:164 Resp: 1070988

Ion Ratio Lower Upper

164 100

162 101.9 81.5 122.3

160 44.9 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 141.009 ng

RT: 15.963 min Scan# 2206

Delta R.T. -0.006 min

Lab File: BP021533.D

Acq: 16 Aug 2024 10:17

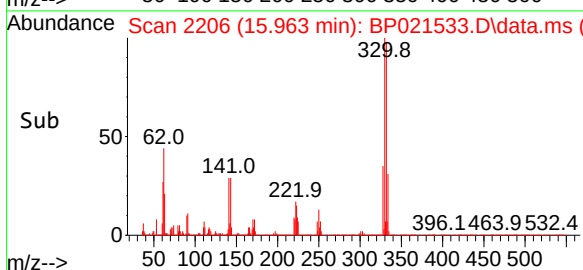
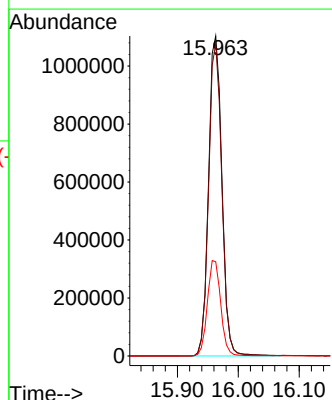
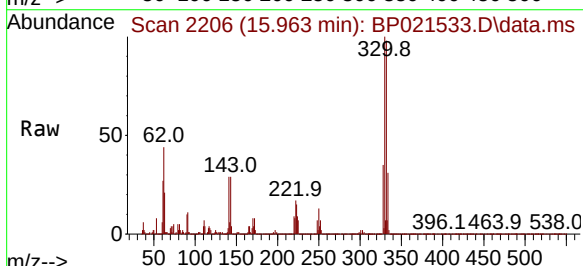
Tgt Ion:330 Resp: 1680783

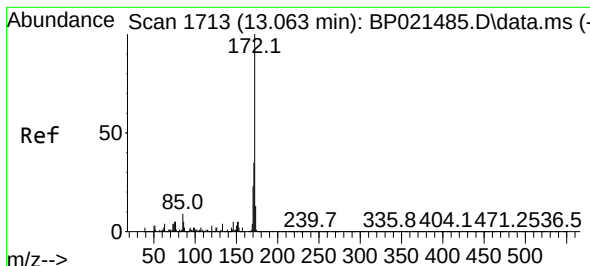
Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

141 30.0 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 80.195 ng

RT: 13.063 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP021533.D

Acq: 16 Aug 2024 10:17

Instrument :

BNA_P

ClientSampleId :

PB162487BL

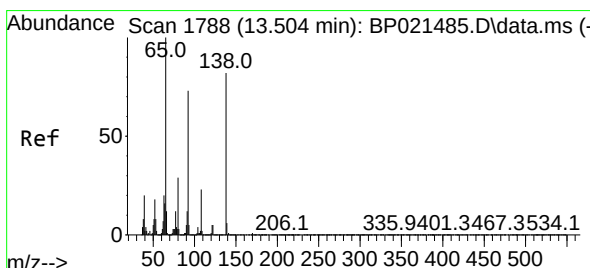
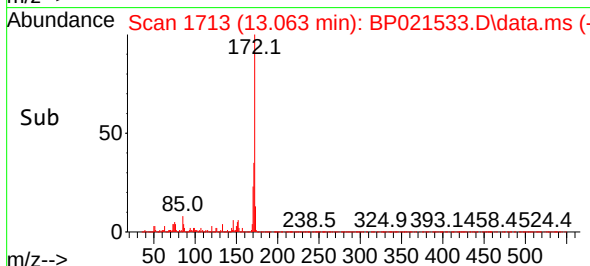
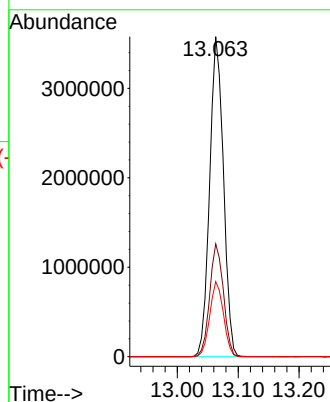
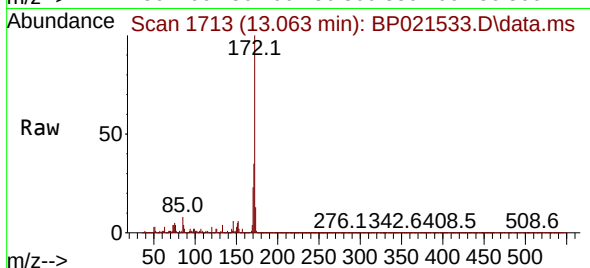
Tgt Ion:172 Resp: 5627728

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.5 18.4 27.6



#48

2-Nitroaniline

Concen: 5.181 ng

RT: 13.534 min Scan# 1793

Delta R.T. 0.030 min

Lab File: BP021533.D

Acq: 16 Aug 2024 10:17

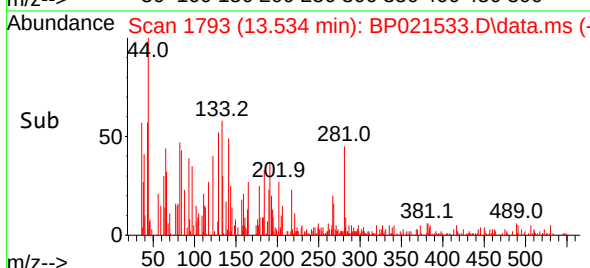
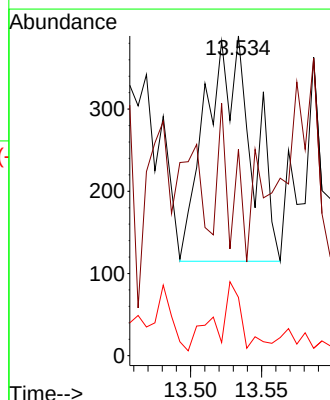
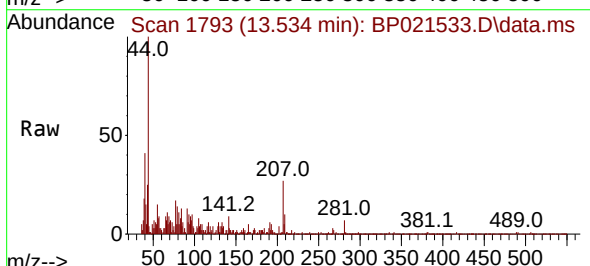
Tgt Ion: 65 Resp: 617

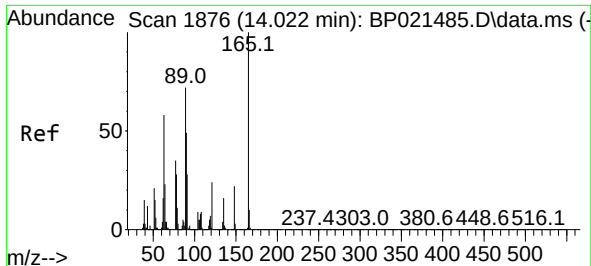
Ion Ratio Lower Upper

65 100

92 64.5 58.1 87.1

138 18.3 65.5 98.3#

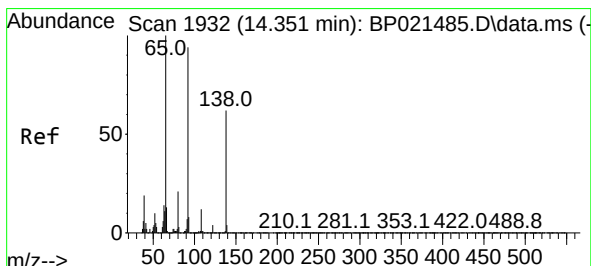
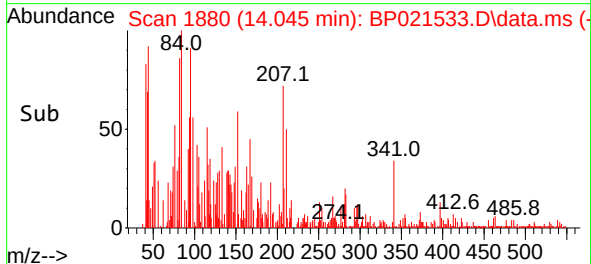
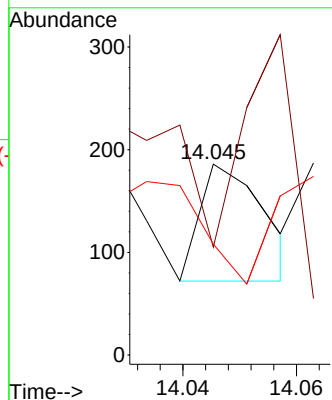
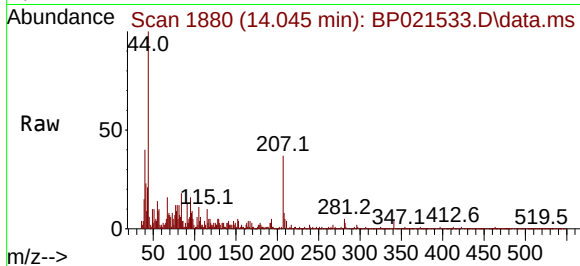




#51
2,6-Dinitrotoluene
Concen: 3.991 ng
RT: 14.045 min Scan# 1876
Delta R.T. 0.023 min
Lab File: BP021533.D
Acq: 16 Aug 2024 10:17

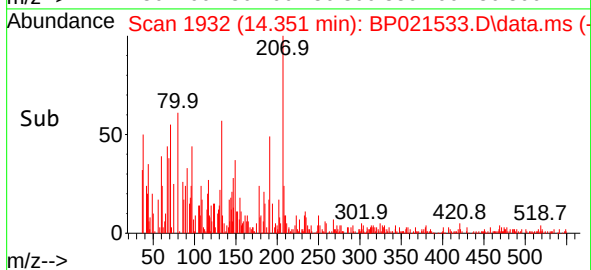
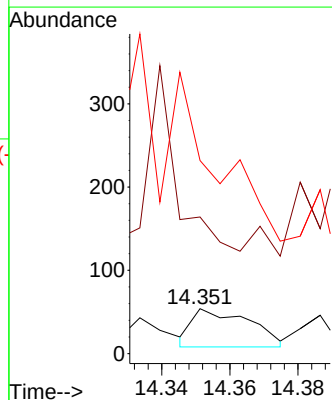
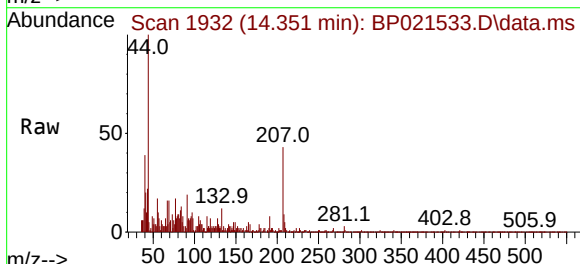
Instrument :
BNA_P
ClientSampleId :
PB162487BL

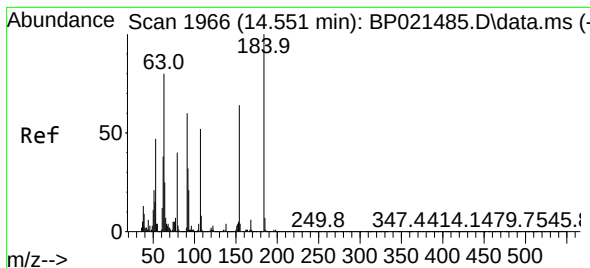
Tgt Ion:165 Resp: 89
Ion Ratio Lower Upper
165 100
63 56.5 51.5 77.3
89 58.1 57.8 86.8



#53
3-Nitroaniline
Concen: 3.973 ng
RT: 14.351 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP021533.D
Acq: 16 Aug 2024 10:17

Tgt Ion:138 Resp: 54
Ion Ratio Lower Upper
138 100
108 303.7 16.2 24.4#
92 429.6 122.2 183.4#

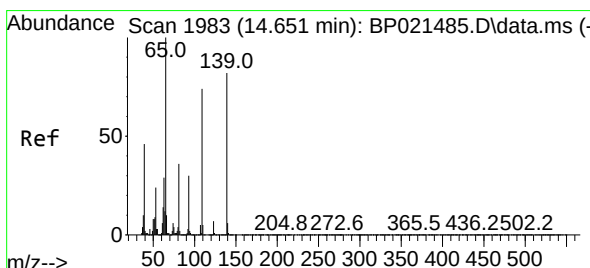
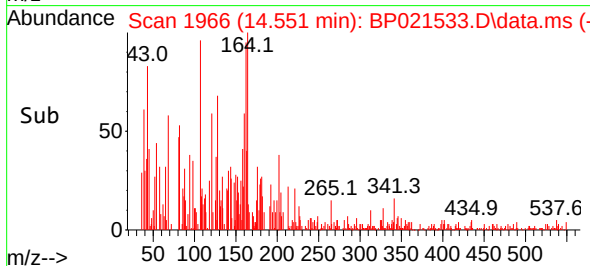
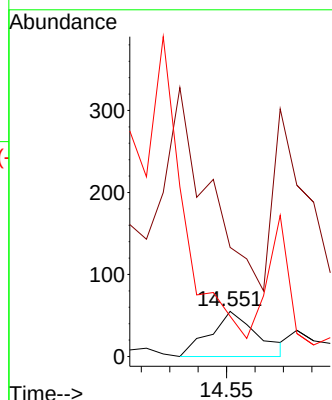
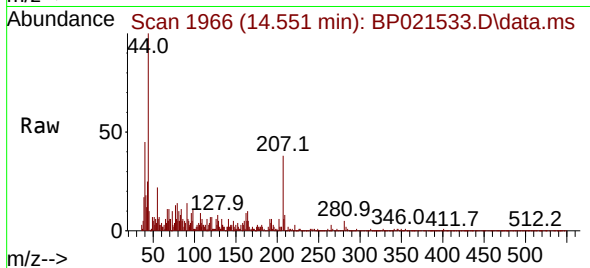




#54
2,4-Dinitrophenol
Concen: 2.454 ng
RT: 14.551 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BP021533.D
Acq: 16 Aug 2024 10:17

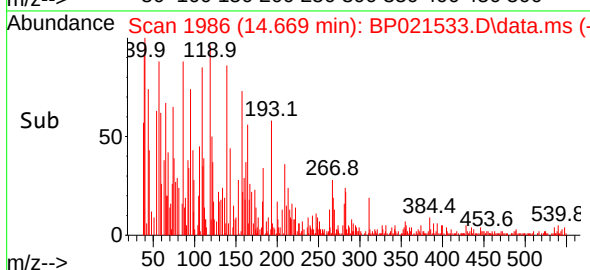
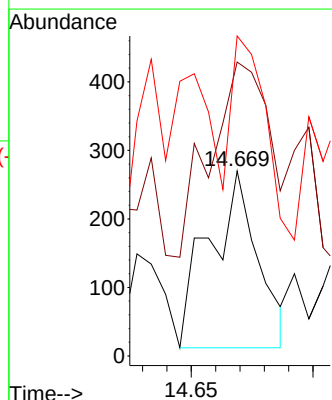
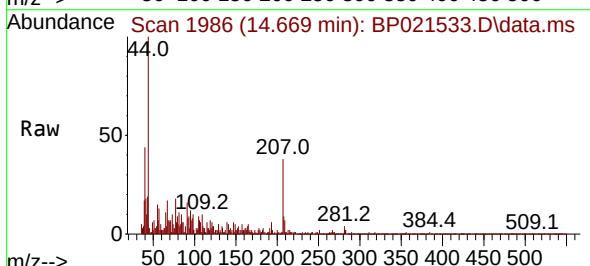
Instrument :
BNA_P
ClientSampleId :
PB162487BL

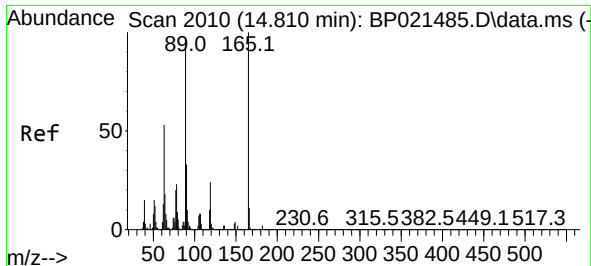
Tgt Ion:184 Resp: 63
Ion Ratio Lower Upper
184 100
63 241.8 64.9 97.3#
154 147.3 52.1 78.1#



#56
4-Nitrophenol
Concen: 5.107 ng
RT: 14.669 min Scan# 1986
Delta R.T. 0.018 min
Lab File: BP021533.D
Acq: 16 Aug 2024 10:17

Tgt Ion:139 Resp: 359
Ion Ratio Lower Upper
139 100
109 158.9 70.2 110.2#
65 173.0 101.8 141.8#

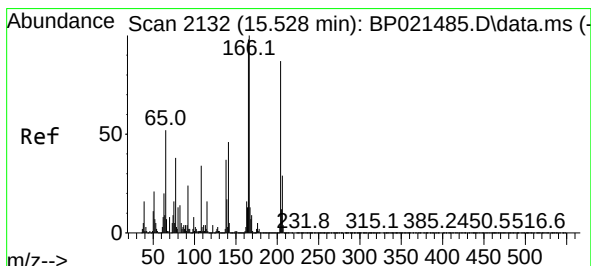
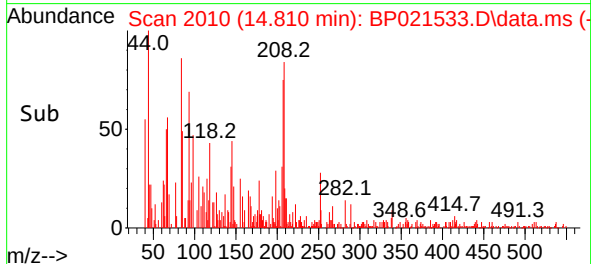
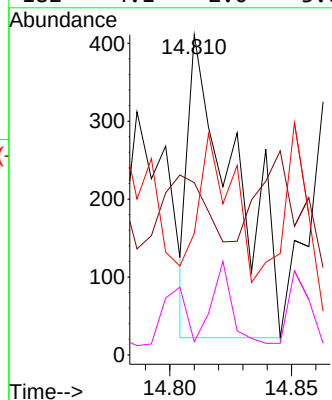
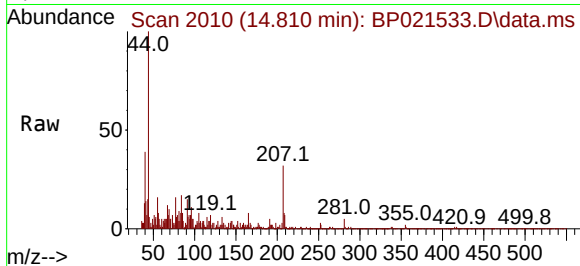




#57
2,4-Dinitrotoluene
Concen: 5.047 ng
RT: 14.810 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BP021533.D
Acq: 16 Aug 2024 10:17

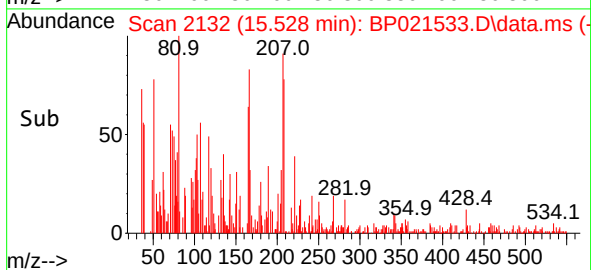
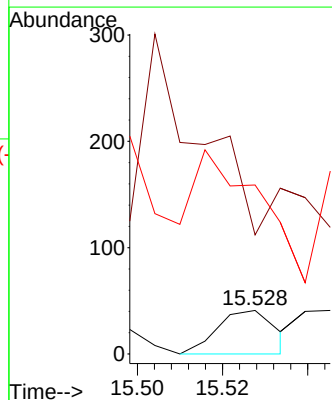
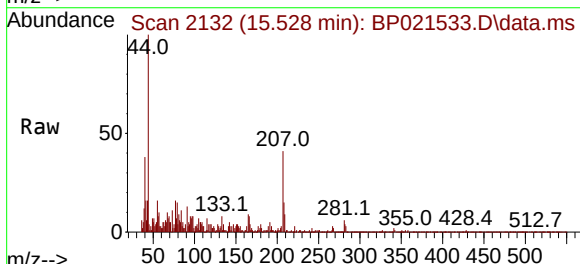
Instrument :
BNA_P
ClientSampleId :
PB162487BL

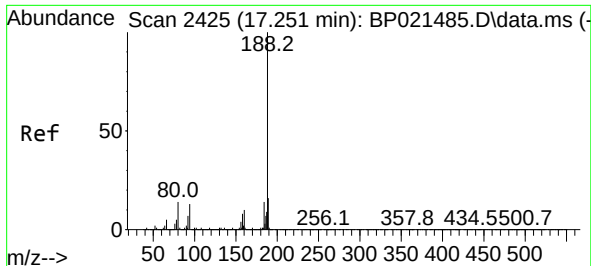
Tgt Ion:165 Resp: 509
Ion Ratio Lower Upper
165 100
63 53.8 42.5 63.7
89 38.0 77.1 115.7#
182 4.1 2.0 3.0#



#62
4-Nitroaniline
Concen: 2.937 ng
RT: 15.528 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP021533.D
Acq: 16 Aug 2024 10:17

Tgt Ion:138 Resp: 39
Ion Ratio Lower Upper
138 100
92 273.2 46.4 86.4#
108 387.8 73.2 113.2#

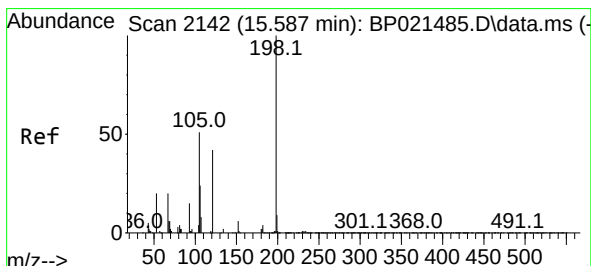
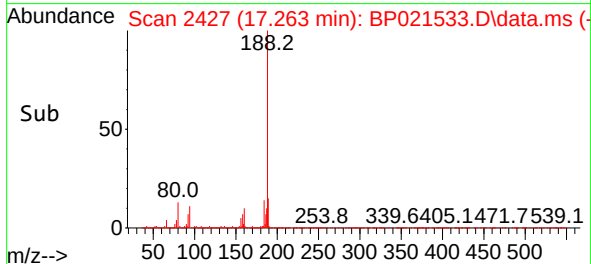
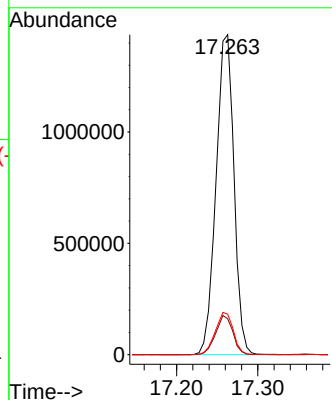
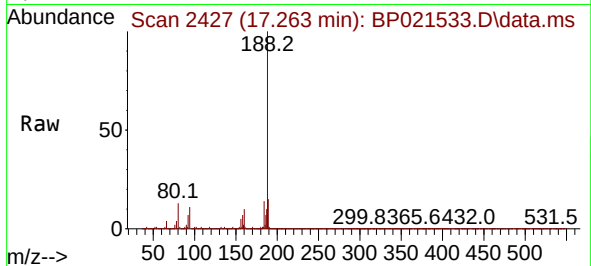




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2425
Delta R.T. 0.012 min
Lab File: BP021533.D
Acq: 16 Aug 2024 10:17

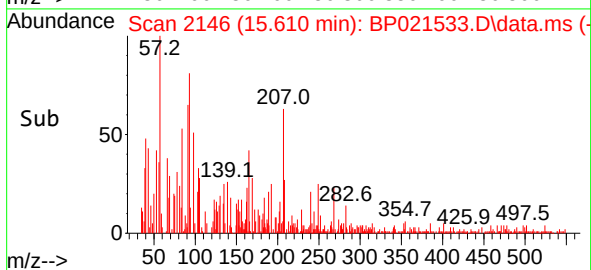
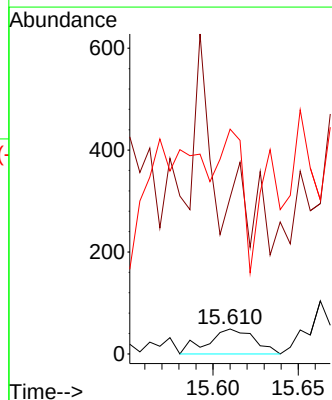
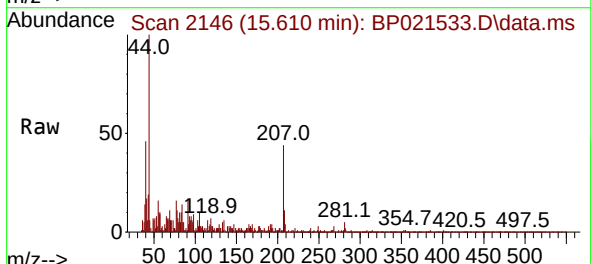
Instrument :
BNA_P
ClientSampleId :
PB162487BL

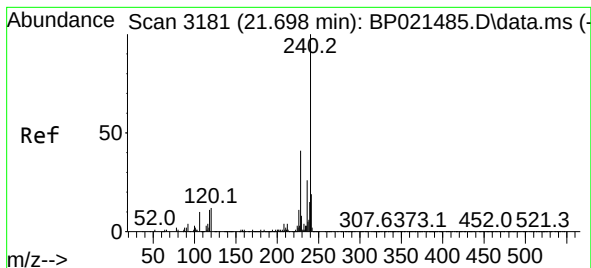
Tgt Ion:188 Resp: 2204946
Ion Ratio Lower Upper
188 100
94 11.2 10.2 15.4
80 12.7 11.6 17.4



#65
4,6-Dinitro-2-methylphenol
Concen: 4.624 ng
RT: 15.610 min Scan# 2146
Delta R.T. 0.023 min
Lab File: BP021533.D
Acq: 16 Aug 2024 10:17

Tgt Ion:198 Resp: 92
Ion Ratio Lower Upper
198 100
51 626.5 21.5 61.5#
105 900.0 32.9 72.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.716 min Scan# 3181

Delta R.T. 0.017 min

Lab File: BP021533.D

Acq: 16 Aug 2024 10:17

Instrument :

BNA_P

ClientSampleId :

PB162487BL

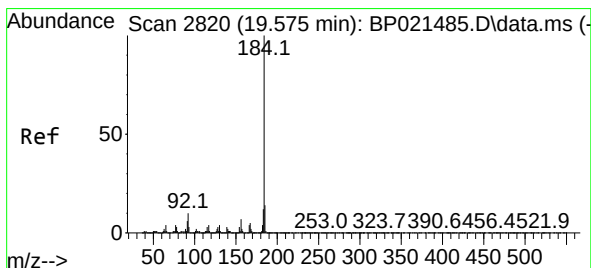
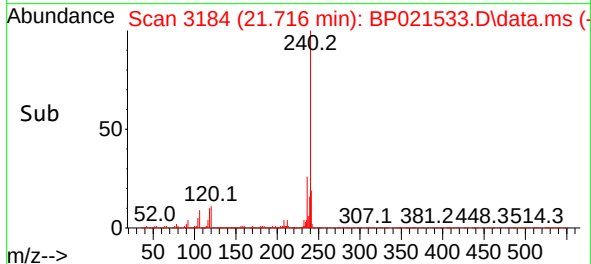
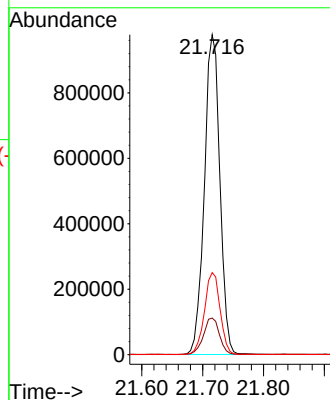
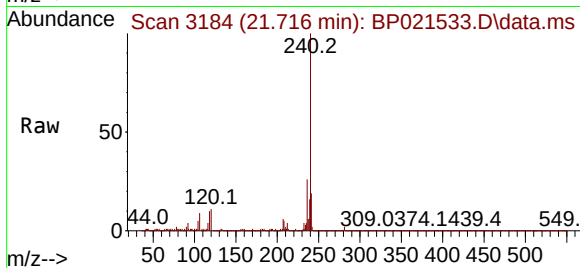
Tgt Ion:240 Resp: 1731591

Ion Ratio Lower Upper

240 100

120 11.4 9.9 14.9

236 25.7 20.6 30.8



#77

Benzidine

Concen: 4.614 ng

RT: 19.569 min Scan# 2819

Delta R.T. -0.006 min

Lab File: BP021533.D

Acq: 16 Aug 2024 10:17

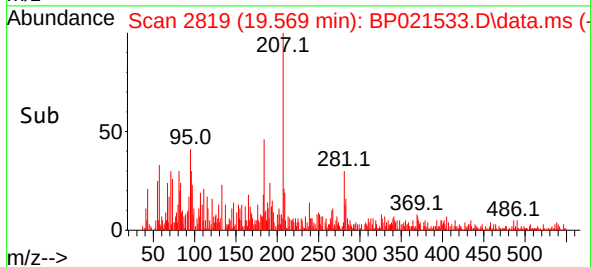
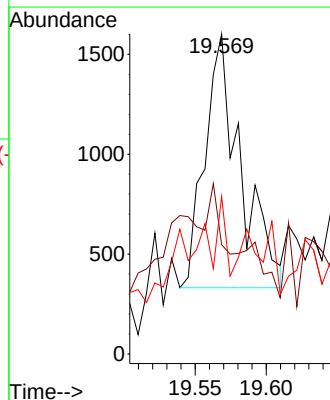
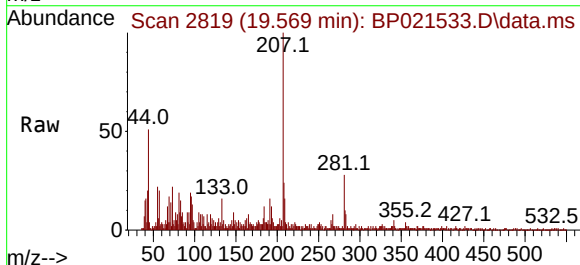
Tgt Ion:184 Resp: 2218

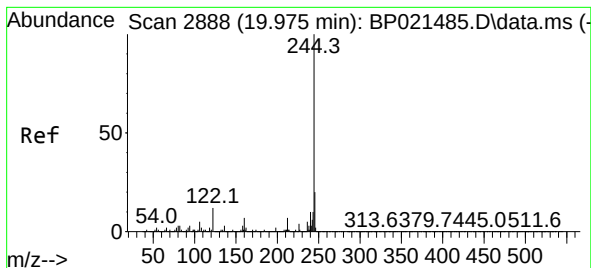
Ion Ratio Lower Upper

184 100

185 34.1 11.4 17.0#

183 49.2 9.3 13.9#





#79

Terphenyl-d14

Concen: 91.855 ng

RT: 19.986 min Scan# 21

Delta R.T. 0.011 min

Lab File: BP021533.D

Acq: 16 Aug 2024 10:17

Instrument :

BNA_P

ClientSampleId :

PB162487BL

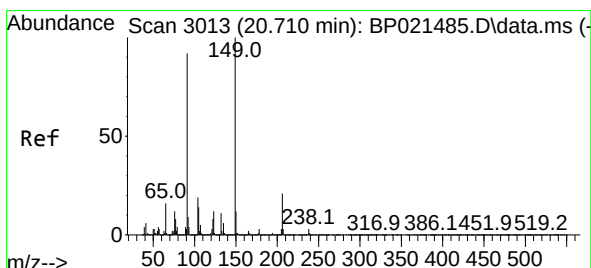
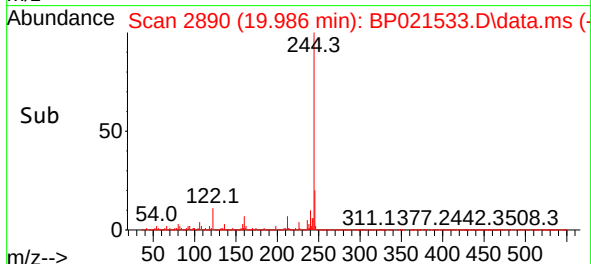
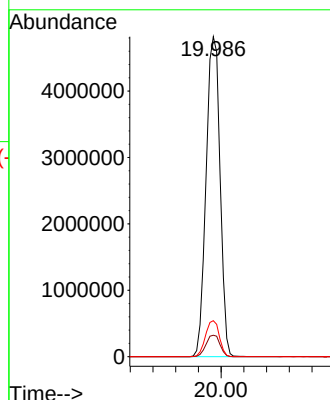
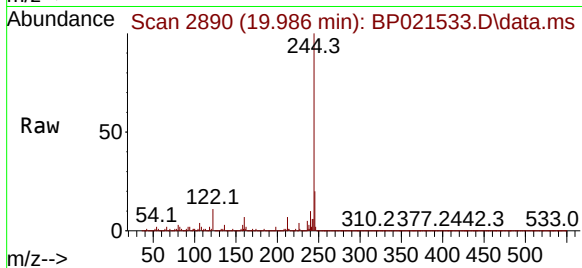
Tgt Ion:244 Resp: 8187236

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 11.3 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.619 ng

RT: 20.721 min Scan# 3015

Delta R.T. 0.011 min

Lab File: BP021533.D

Acq: 16 Aug 2024 10:17

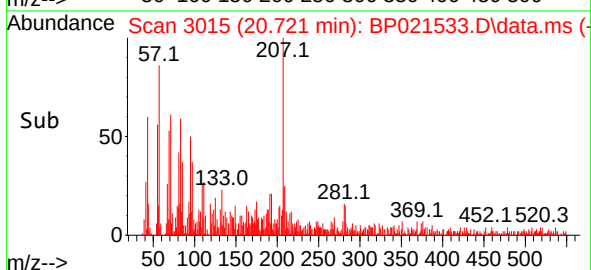
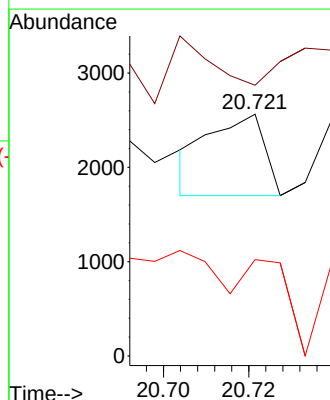
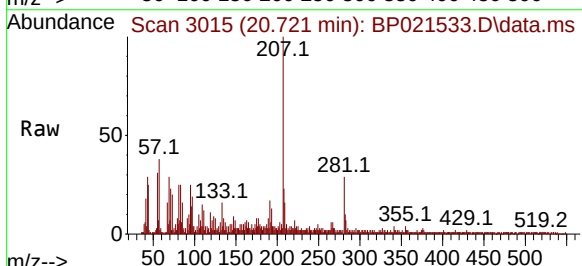
Tgt Ion:149 Resp: 786

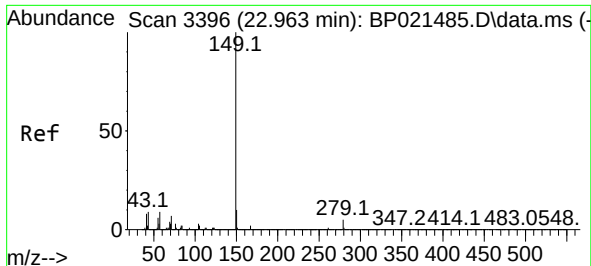
Ion Ratio Lower Upper

149 100

91 112.0 73.3 109.9#

206 39.9 17.1 25.7#

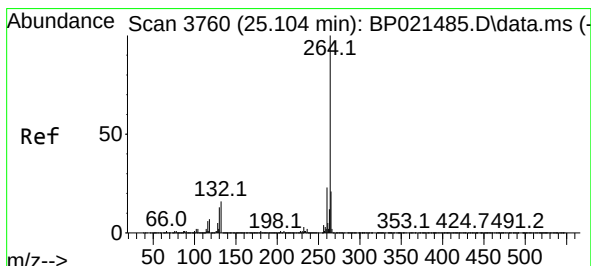
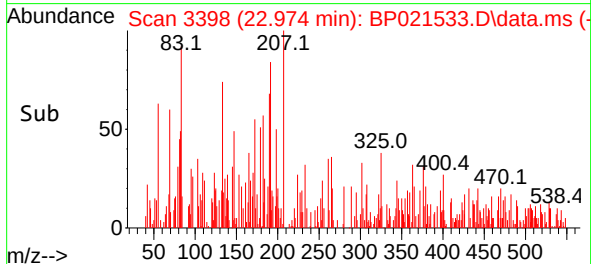
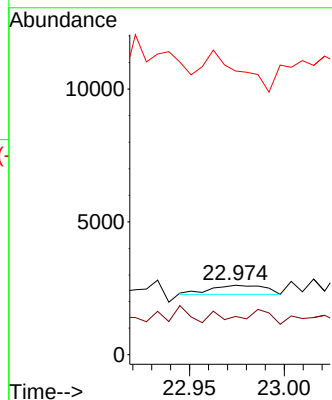
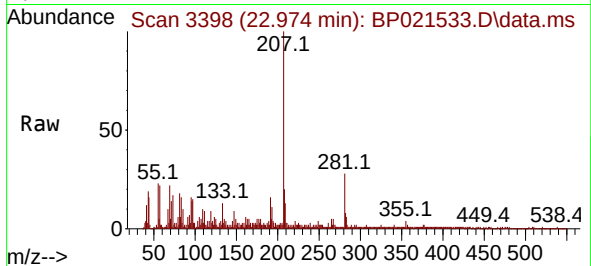




#85
Di-n-octyl phthalate
Concen: 4.842 ng
RT: 22.974 min Scan# 31
Delta R.T. 0.011 min
Lab File: BP021533.D
Acq: 16 Aug 2024 10:17

Instrument :
BNA_P
ClientSampleId :
PB162487BL

Tgt Ion:149 Resp: 672
Ion Ratio Lower Upper
149 100
167 51.9 1.3 1.9#
43 0.0 7.3 10.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.133 min Scan# 3765
Delta R.T. 0.029 min
Lab File: BP021533.D
Acq: 16 Aug 2024 10:17

Tgt Ion:264 Resp: 2054243
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 21.8 17.1 25.7

