

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
 Data File : BP021507.D
 Acq On : 15 Aug 2024 09:52
 Operator : RC/JU
 Sample : PB162549BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB162549BL

Quant Time: Aug 15 10:38:53 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)

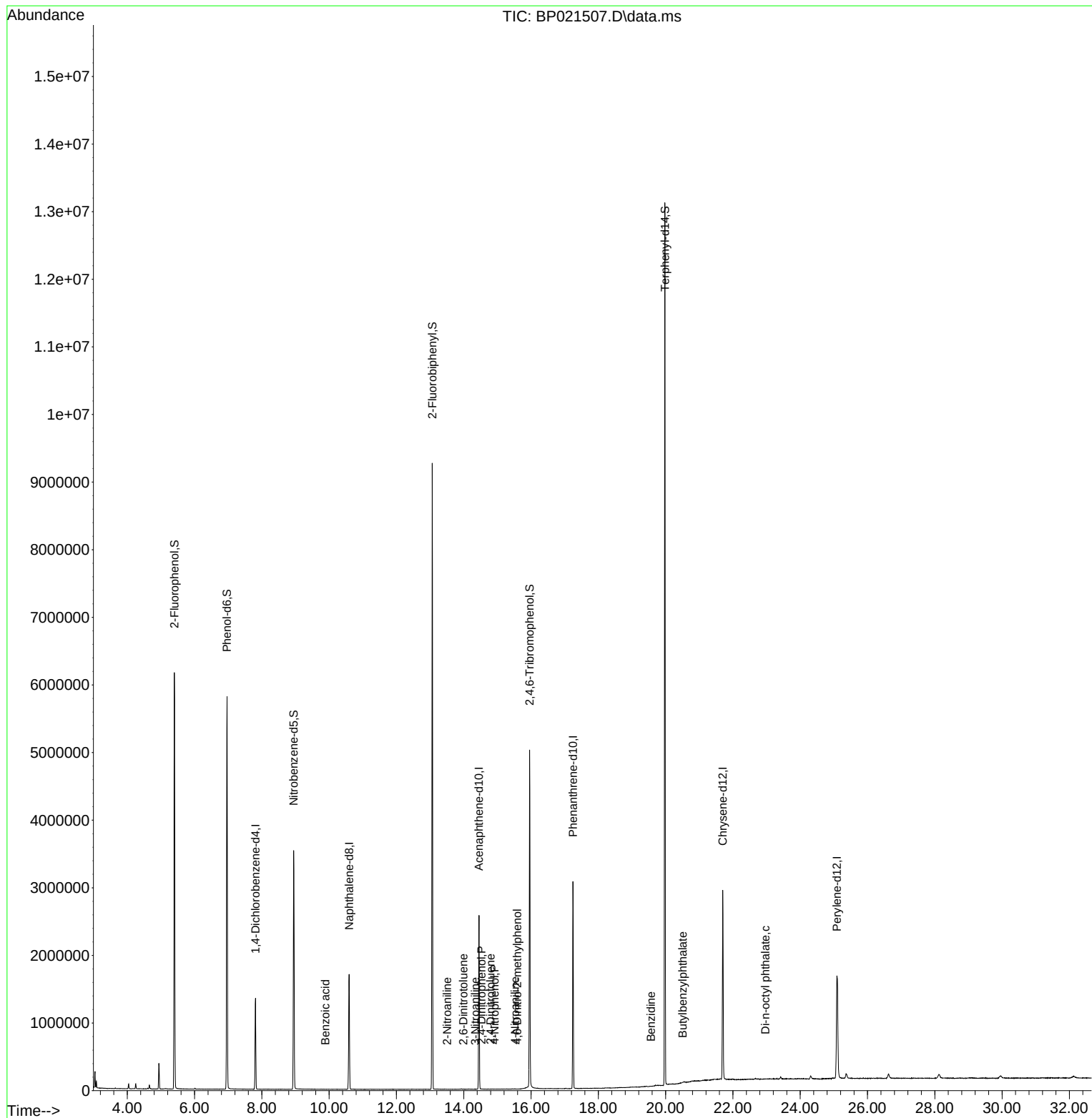
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	334023	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1324603	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	827796	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1735847	20.000	ng	0.00
76) Chrysene-d12	21.698	240	1507042	20.000	ng	0.00
86) Perylene-d12	25.092	264	1647469	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	2699344	119.996	ng	0.00
7) Phenol-d6	6.964	99	3637255	110.840	ng	0.00
23) Nitrobenzene-d5	8.946	82	2228464	86.835	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	959623	104.159	ng	-0.01
45) 2-Fluorobiphenyl	13.063	172	4204328	77.513	ng	0.00
79) Terphenyl-d14	19.981	244	6556256	84.517	ng	0.00
Target Compounds					Qvalue	
26) 2-Nitrophenol	9.705	139	71	Below Cal	#	1
32) Benzoic acid	9.887	122	49	3.326 ng	#	1
48) 2-Nitroaniline	13.510	65	502	5.182 ng	#	37
51) 2,6-Dinitrotoluene	13.987	165	107	3.994 ng		92
53) 3-Nitroaniline	14.346	138	85	3.976 ng	#	60
54) 2,4-Dinitrophenol	14.528	184	31	2.446 ng	#	1
56) 4-Nitrophenol	14.916	139	72	5.086 ng		83
57) 2,4-Dinitrotoluene	14.798	165	100	5.029 ng	#	35
62) 4-Nitroaniline	15.528	138	7	2.935 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.587	198	25	4.612 ng	#	1
77) Benzidine	19.563	184	315	4.579 ng	#	55
80) Butylbenzylphthalate	20.504	149	268	3.609 ng		98
85) Di-n-octyl phthalate	22.969	149	101	4.837 ng	#	78

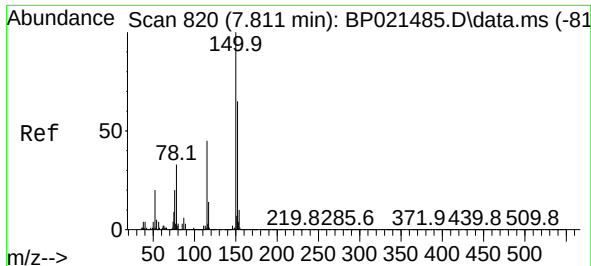
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
Data File : BP021507.D
Acq On : 15 Aug 2024 09:52
Operator : RC/JU
Sample : PB162549BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB162549BL

Quant Time: Aug 15 10:38:53 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

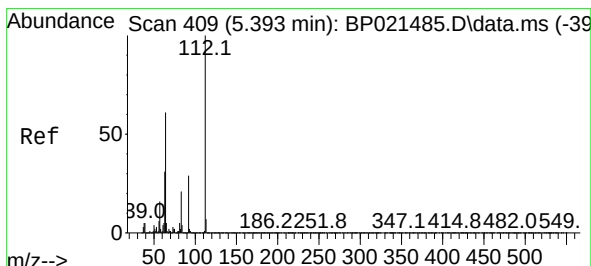
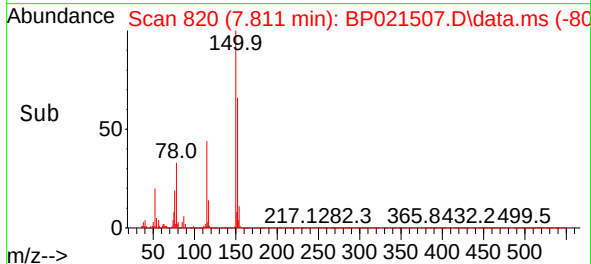
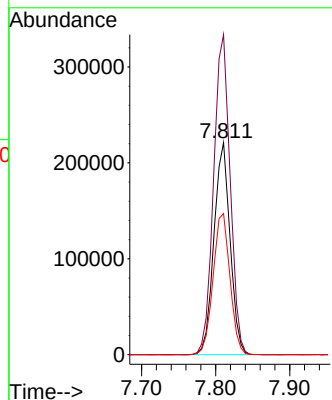
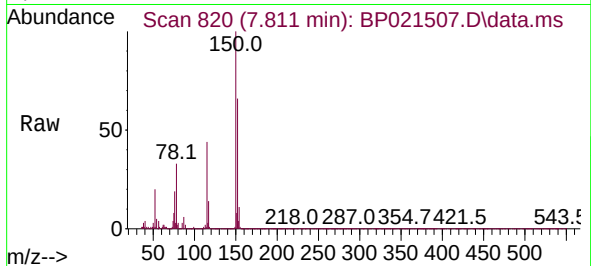




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP021507.D
Acq: 15 Aug 2024 09:52

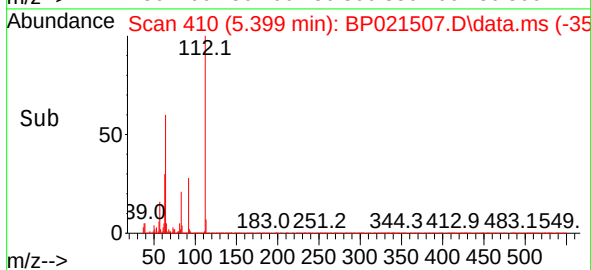
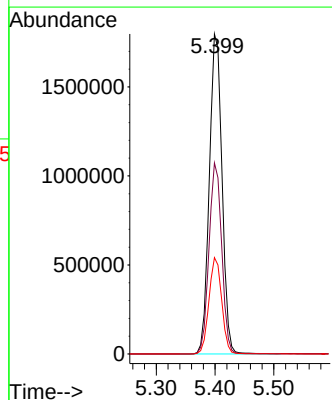
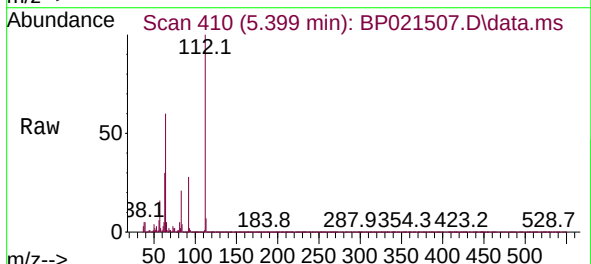
Instrument :
BNA_P
ClientSampleId :
PB162549BL

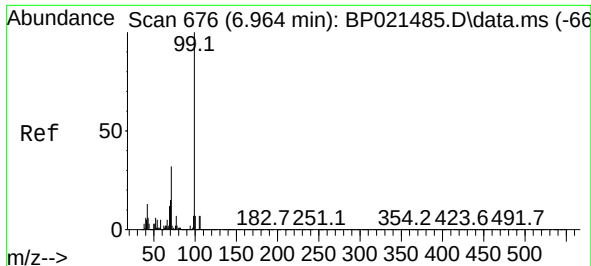
Tgt Ion:152 Resp: 334023
Ion Ratio Lower Upper
152 100
150 150.8 122.4 183.6
115 66.5 54.7 82.1



#5
2-Fluorophenol
Concen: 119.996 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP021507.D
Acq: 15 Aug 2024 09:52

Tgt Ion:112 Resp: 2699344
Ion Ratio Lower Upper
112 100
64 59.7 49.0 73.6
63 30.1 24.6 36.8

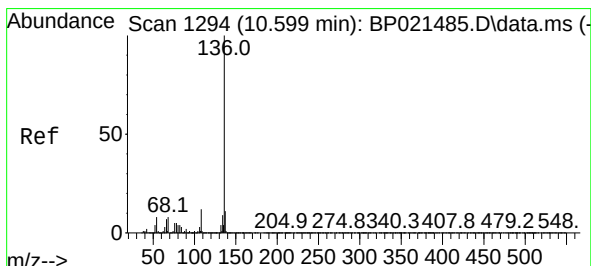
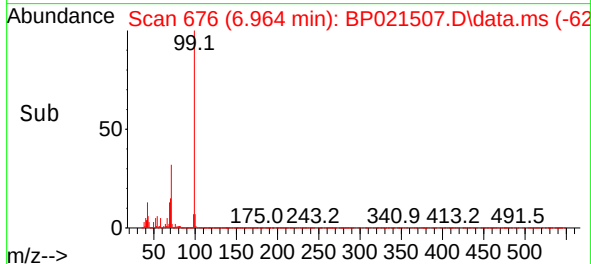
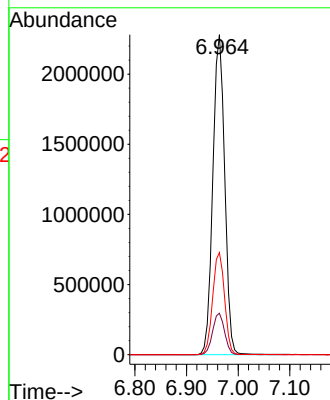
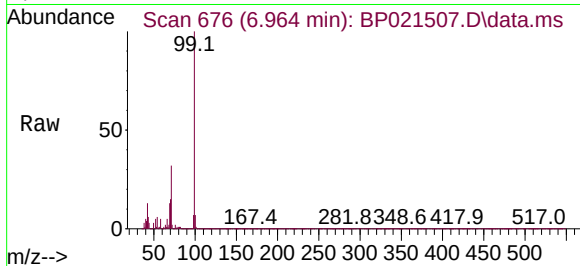




#7
Phenol-d6
Concen: 110.840 ng
RT: 6.964 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP021507.D
Acq: 15 Aug 2024 09:52

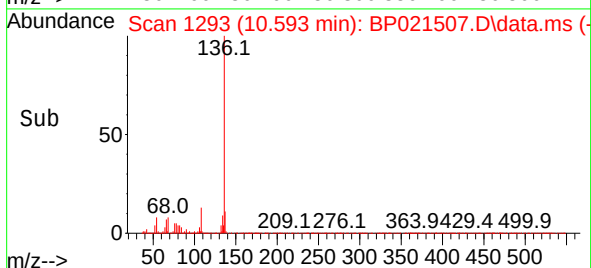
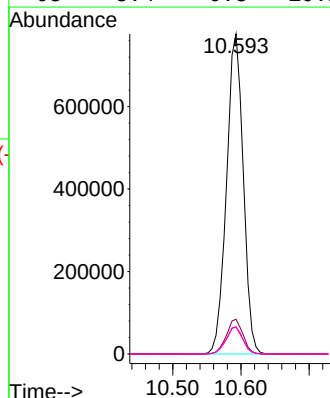
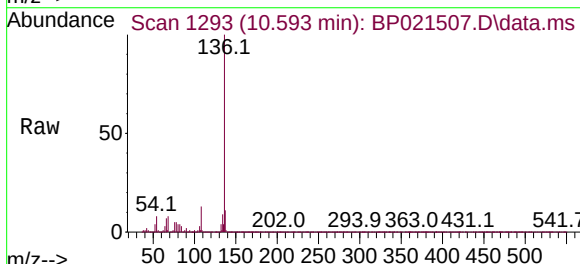
Instrument :
BNA_P
ClientSampleId :
PB162549BL

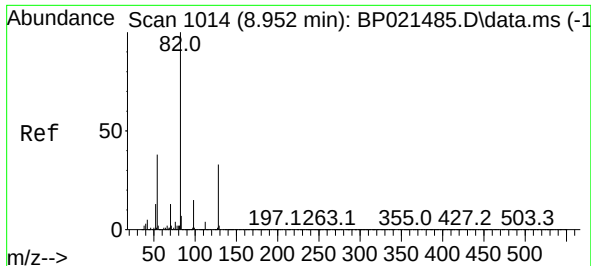
Tgt Ion: 99 Resp: 3637255
Ion Ratio Lower Upper
99 100
42 12.9 10.2 15.4
71 31.9 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP021507.D
Acq: 15 Aug 2024 09:52

Tgt Ion:136 Resp: 1324603
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.5 6.3 9.5
68 8.4 6.8 10.2





#23

Nitrobenzene-d5

Concen: 86.835 ng

RT: 8.946 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP021507.D

Acq: 15 Aug 2024 09:52

Instrument :

BNA_P

ClientSampleId :

PB162549BL

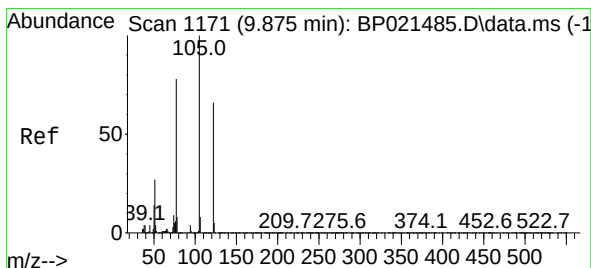
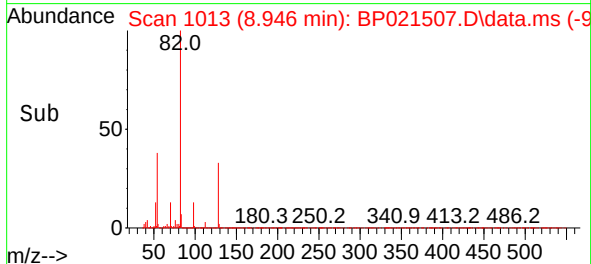
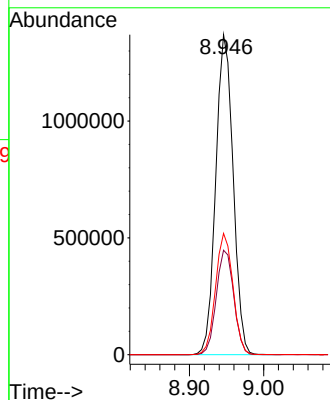
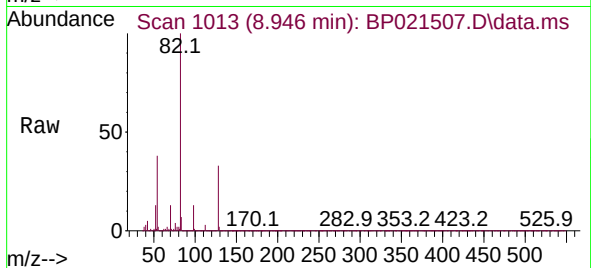
Tgt Ion: 82 Resp: 2228464

Ion Ratio Lower Upper

82 100

128 32.6 26.5 39.7

54 37.9 30.3 45.5



#32

Benzoic acid

Concen: 3.326 ng

RT: 9.887 min Scan# 1173

Delta R.T. 0.012 min

Lab File: BP021507.D

Acq: 15 Aug 2024 09:52

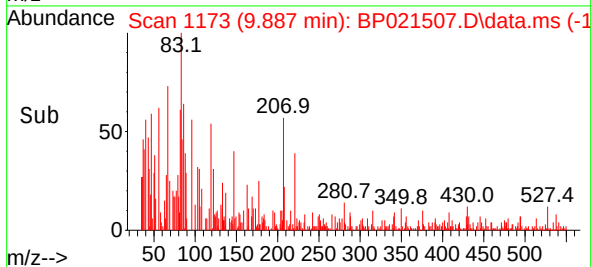
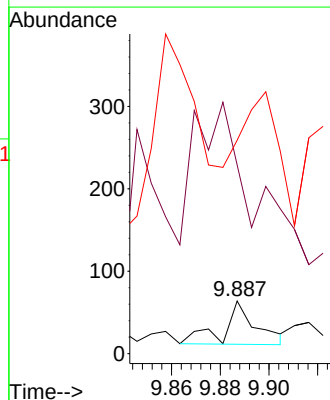
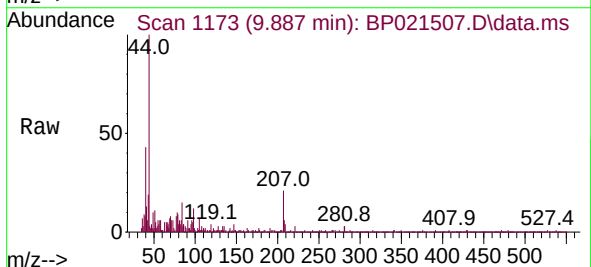
Tgt Ion:122 Resp: 49

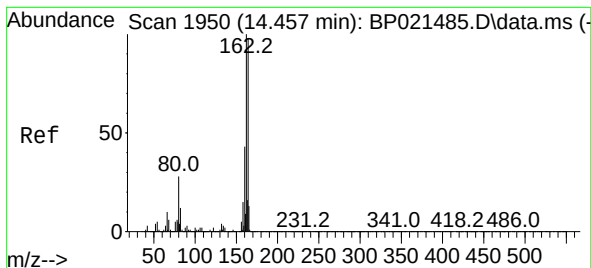
Ion Ratio Lower Upper

122 100

105 395.3 124.6 164.6#

77 404.7 96.2 136.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP021507.D

Acq: 15 Aug 2024 09:52

Instrument :

BNA_P

ClientSampleId :

PB162549BL

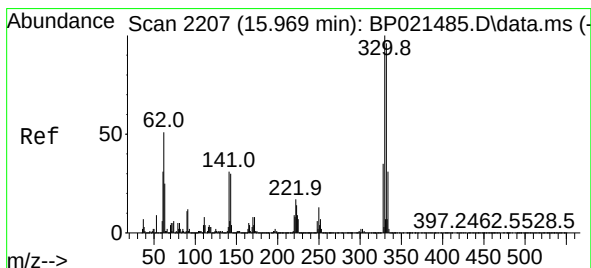
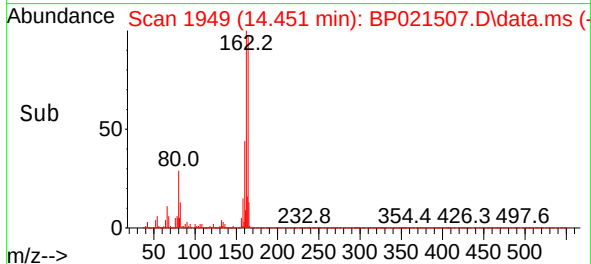
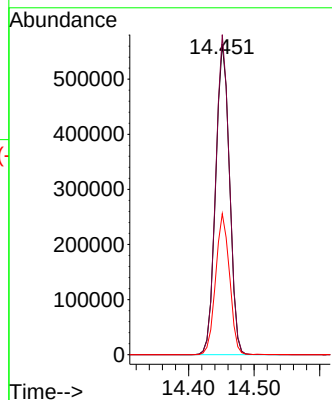
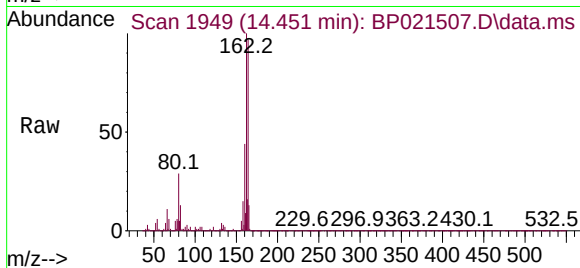
Tgt Ion:164 Resp: 827796

Ion Ratio Lower Upper

164 100

162 103.0 81.5 122.3

160 45.4 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 104.159 ng

RT: 15.957 min Scan# 2205

Delta R.T. -0.012 min

Lab File: BP021507.D

Acq: 15 Aug 2024 09:52

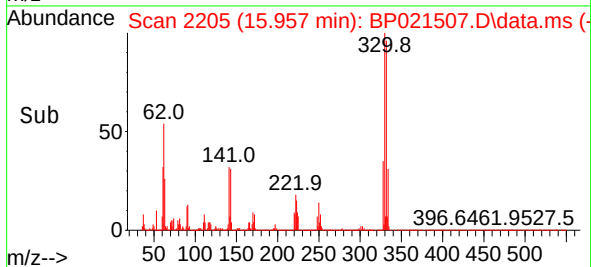
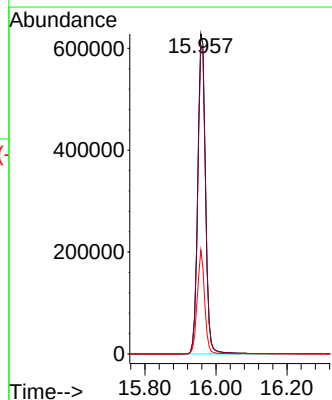
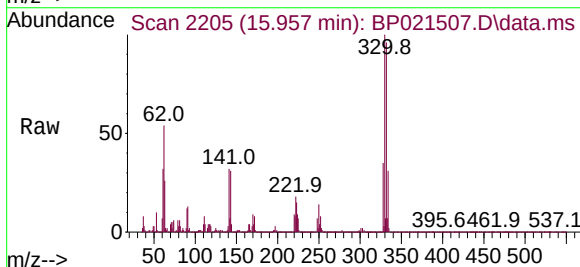
Tgt Ion:330 Resp: 959623

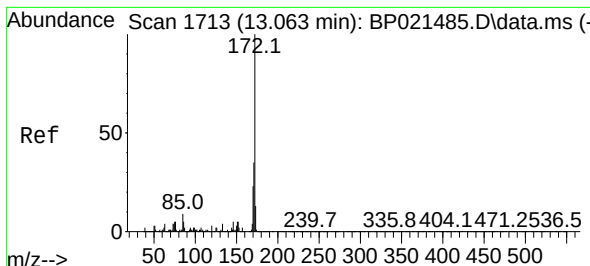
Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

141 30.7 24.5 36.7

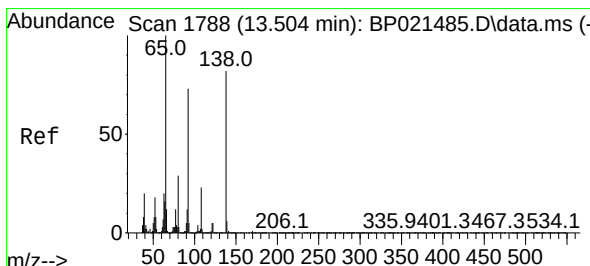
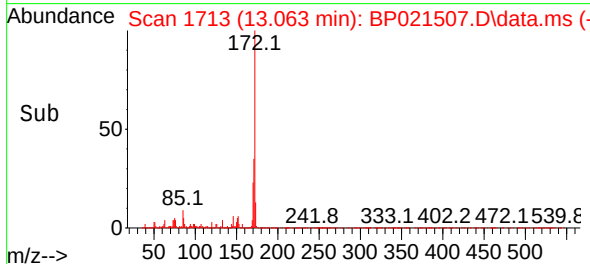
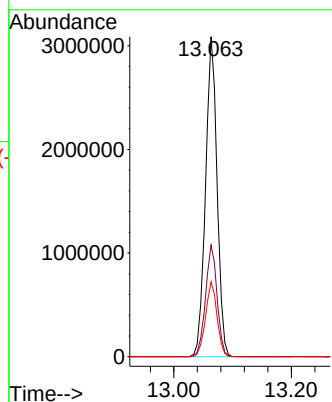
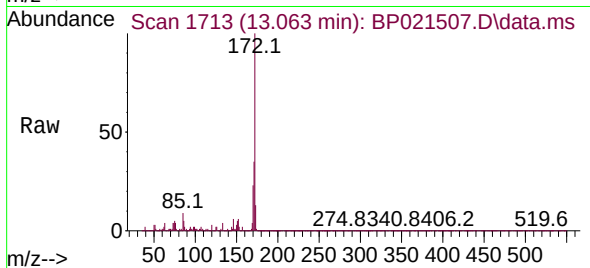




#45
2-Fluorobiphenyl
Concen: 77.513 ng
RT: 13.063 min Scan# 1713
Delta R.T. 0.000 min
Lab File: BP021507.D
Acq: 15 Aug 2024 09:52

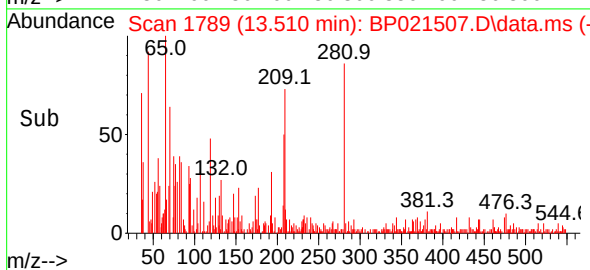
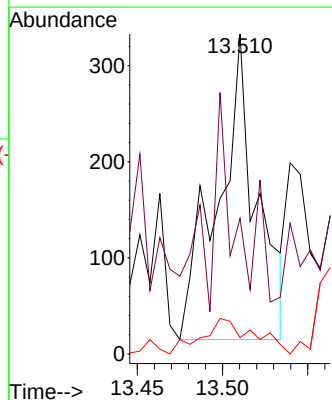
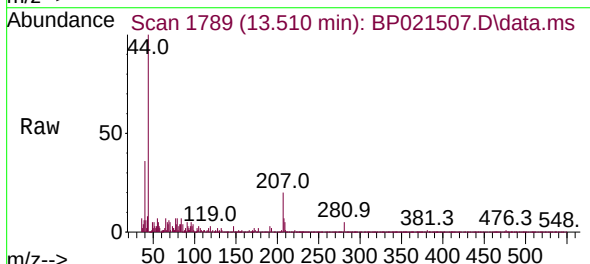
Instrument :
BNA_P
ClientSampleId :
PB162549BL

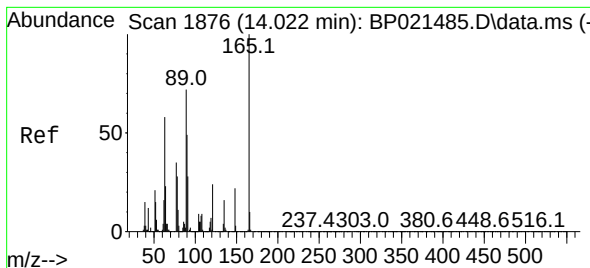
Tgt Ion:172 Resp: 4204328
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.4
170 23.4 18.4 27.6



#48
2-Nitroaniline
Concen: 5.182 ng
RT: 13.510 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BP021507.D
Acq: 15 Aug 2024 09:52

Tgt Ion: 65 Resp: 502
Ion Ratio Lower Upper
65 100
92 42.3 58.1 87.1#
138 5.1 65.5 98.3#





#51

2,6-Dinitrotoluene

Concen: 3.994 ng

RT: 13.987 min Scan# 11

Delta R.T. -0.035 min

Lab File: BP021507.D

Acq: 15 Aug 2024 09:52

Instrument :

BNA_P

ClientSampleId :

PB162549BL

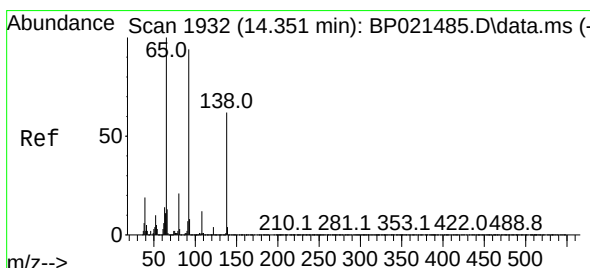
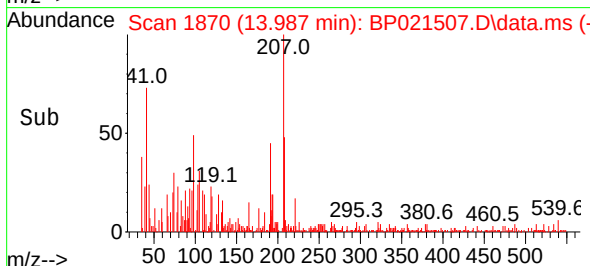
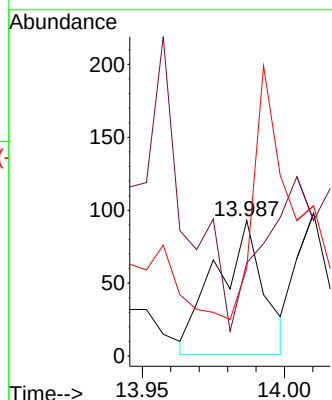
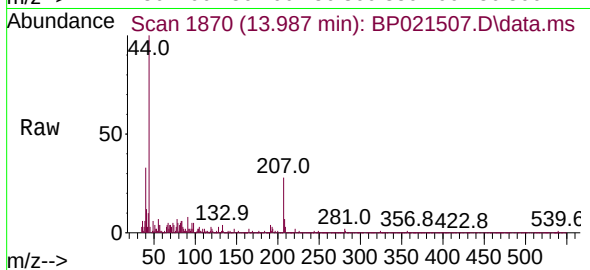
Tgt Ion:165 Resp: 107

Ion Ratio Lower Upper

165 100

63 68.8 51.5 77.3

89 64.5 57.8 86.8



#53

3-Nitroaniline

Concen: 3.976 ng

RT: 14.346 min Scan# 1931

Delta R.T. -0.005 min

Lab File: BP021507.D

Acq: 15 Aug 2024 09:52

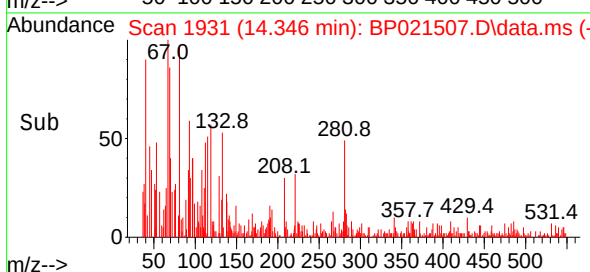
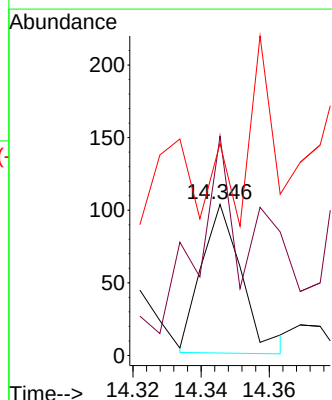
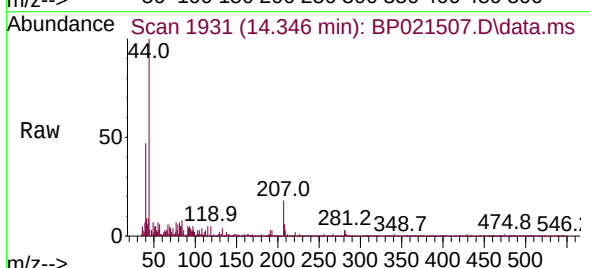
Tgt Ion:138 Resp: 85

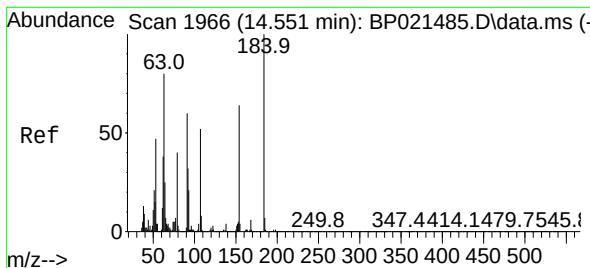
Ion Ratio Lower Upper

138 100

108 145.2 16.2 24.4#

92 140.4 122.2 183.4

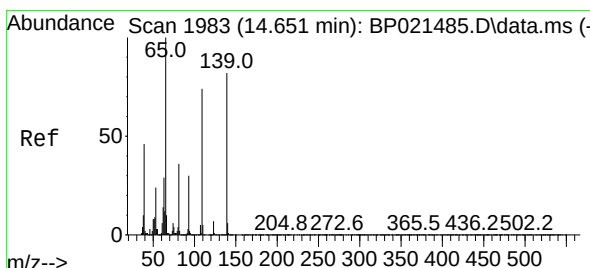
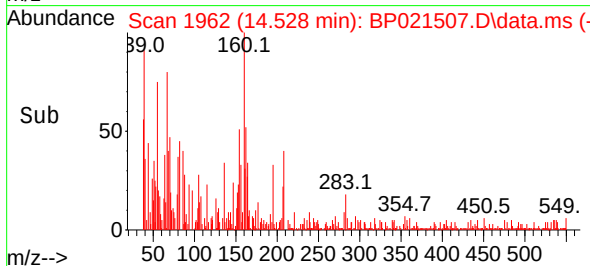
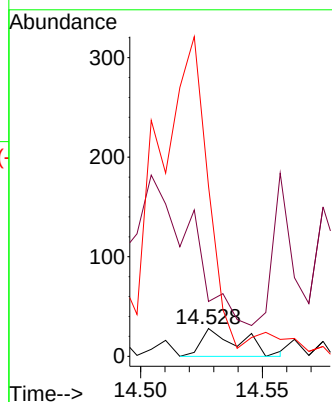
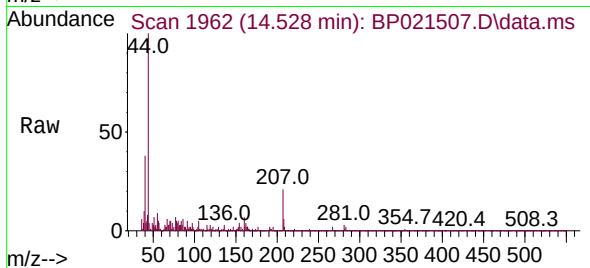




#54
2,4-Dinitrophenol
Concen: 2.446 ng
RT: 14.528 min Scan# 1962
Delta R.T. -0.023 min
Lab File: BP021507.D
Acq: 15 Aug 2024 09:52

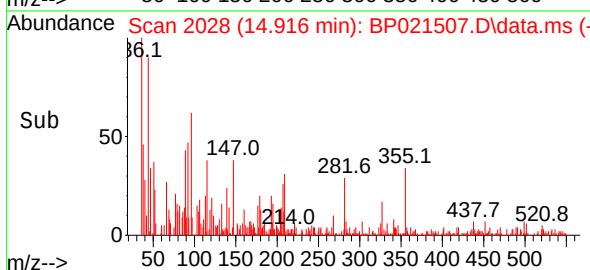
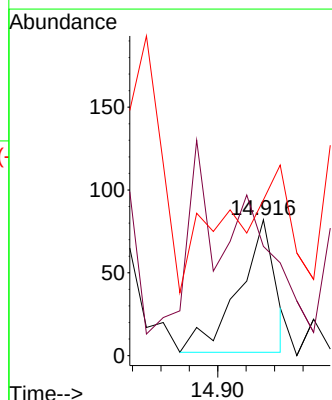
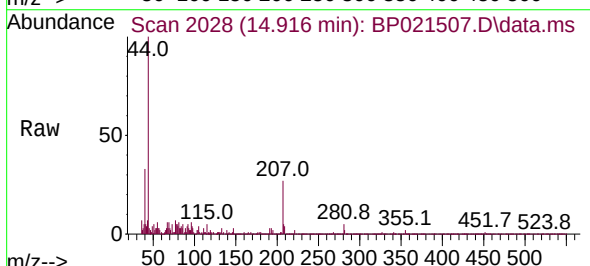
Instrument :
BNA_P
ClientSampleId :
PB162549BL

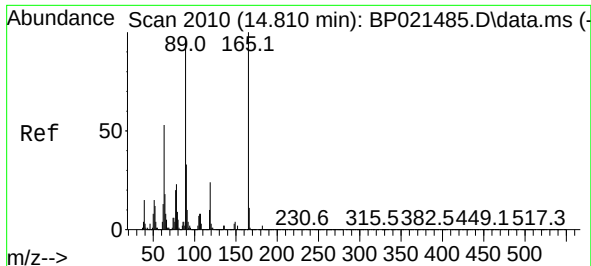
Tgt Ion:184 Resp: 31
Ion Ratio Lower Upper
184 100
63 196.4 64.9 97.3#
154 610.7 52.1 78.1#



#56
4-Nitrophenol
Concen: 5.086 ng
RT: 14.916 min Scan# 2028
Delta R.T. 0.265 min
Lab File: BP021507.D
Acq: 15 Aug 2024 09:52

Tgt Ion:139 Resp: 72
Ion Ratio Lower Upper
139 100
109 72.5 70.2 110.2
65 103.3 101.8 141.8

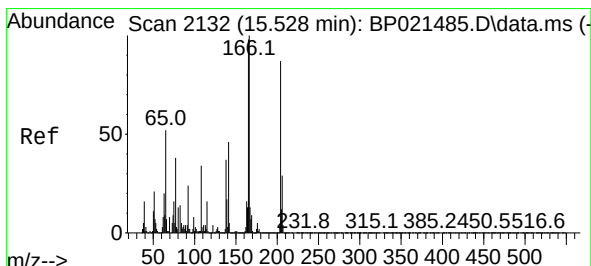
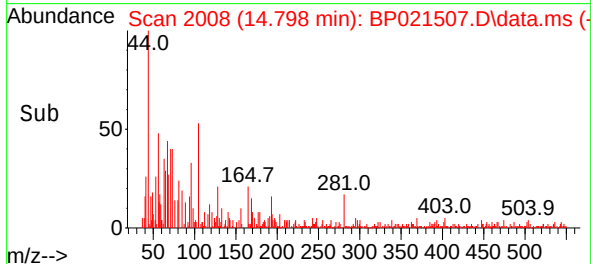
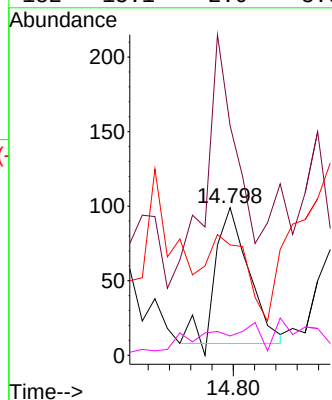
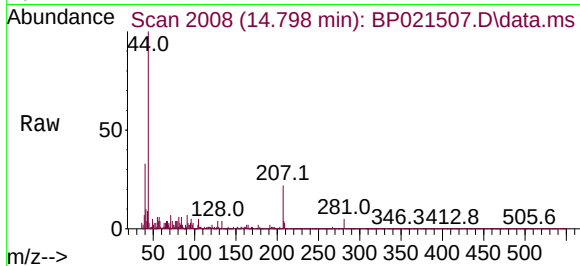




#57
2,4-Dinitrotoluene
Concen: 5.029 ng
RT: 14.798 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BP021507.D
Acq: 15 Aug 2024 09:52

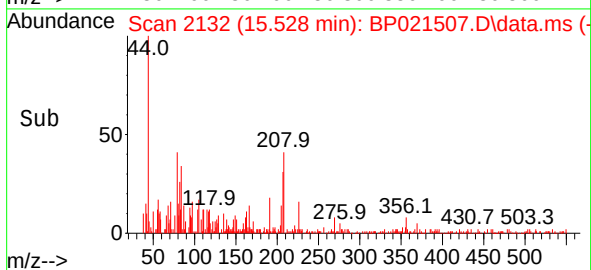
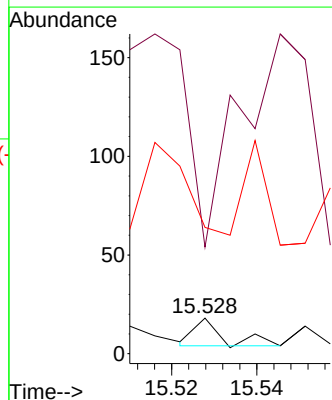
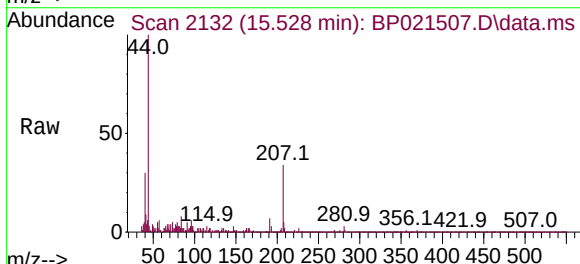
Instrument :
BNA_P
ClientSampleId :
PB162549BL

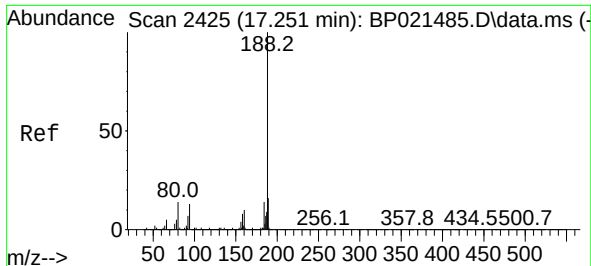
Tgt Ion:165 Resp: 100
Ion Ratio Lower Upper
165 100
63 155.6 42.5 63.7#
89 74.7 77.1 115.7#
182 13.1 2.0 3.0#



#62
4-Nitroaniline
Concen: 2.935 ng
RT: 15.528 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP021507.D
Acq: 15 Aug 2024 09:52

Tgt Ion:138 Resp: 7
Ion Ratio Lower Upper
138 100
92 300.0 46.4 86.4#
108 355.6 73.2 113.2#

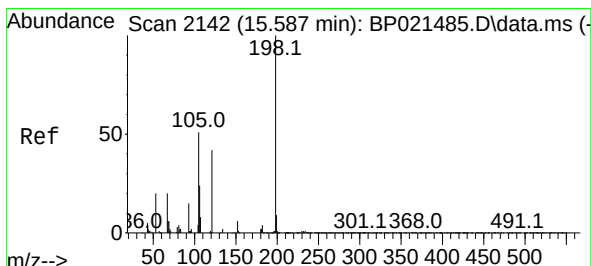
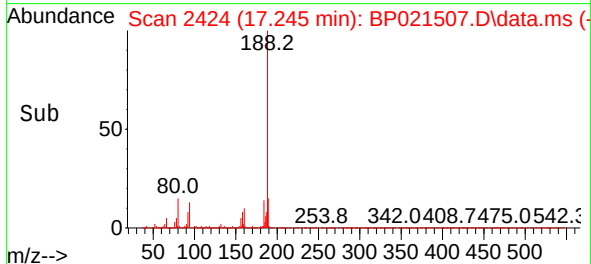
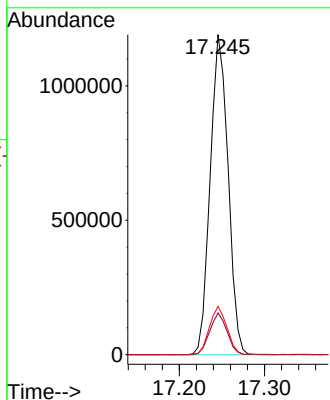
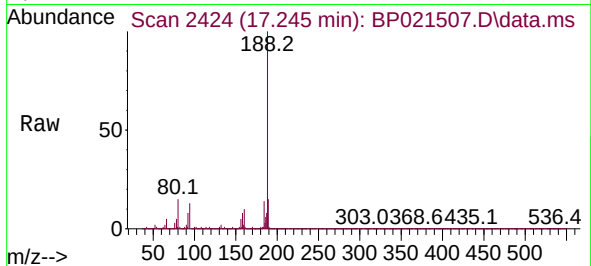




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BP021507.D
Acq: 15 Aug 2024 09:52

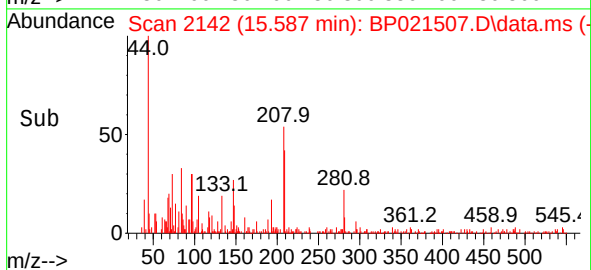
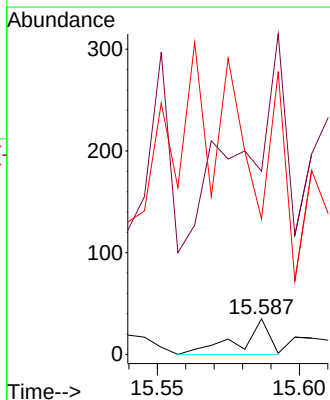
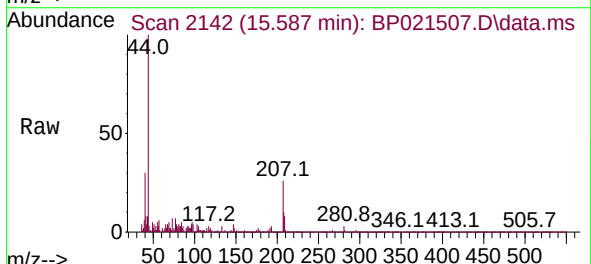
Instrument :
BNA_P
ClientSampleId :
PB162549BL

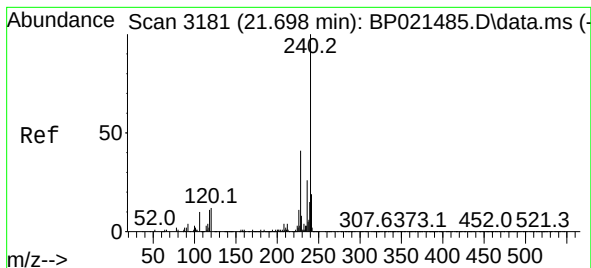
Tgt Ion:188 Resp: 1735847
Ion Ratio Lower Upper
188 100
94 13.1 10.2 15.4
80 15.1 11.6 17.4



#65
4,6-Dinitro-2-methylphenol
Concen: 4.612 ng
RT: 15.587 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP021507.D
Acq: 15 Aug 2024 09:52

Tgt Ion:198 Resp: 25
Ion Ratio Lower Upper
198 100
51 514.3 21.5 61.5#
105 380.0 32.9 72.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.698 min Scan# 3181

Delta R.T. 0.000 min

Lab File: BP021507.D

Acq: 15 Aug 2024 09:52

Instrument :

BNA_P

ClientSampleId :

PB162549BL

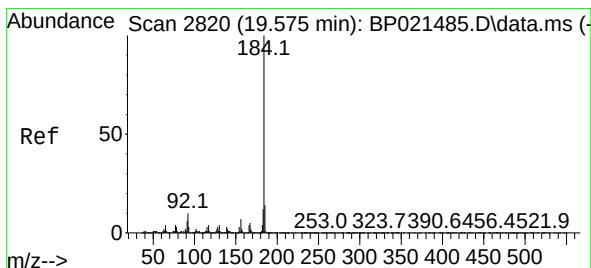
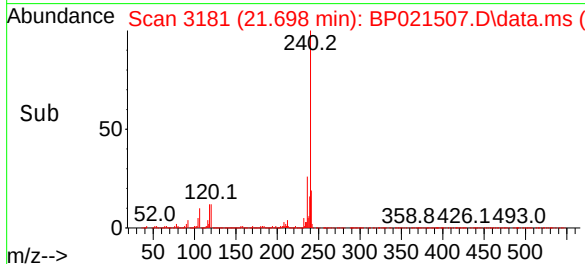
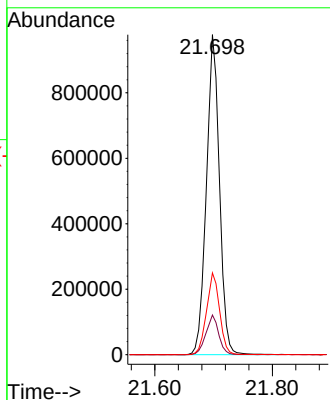
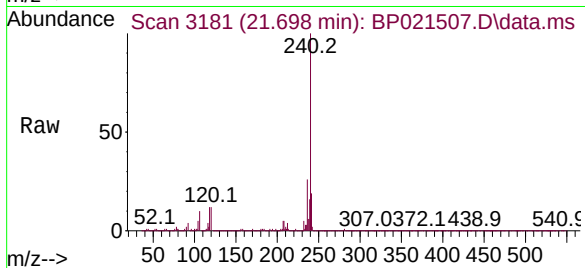
Tgt Ion:240 Resp: 1507042

Ion Ratio Lower Upper

240 100

120 12.4 9.9 14.9

236 25.5 20.6 30.8



#77

Benzidine

Concen: 4.579 ng

RT: 19.563 min Scan# 2818

Delta R.T. -0.012 min

Lab File: BP021507.D

Acq: 15 Aug 2024 09:52

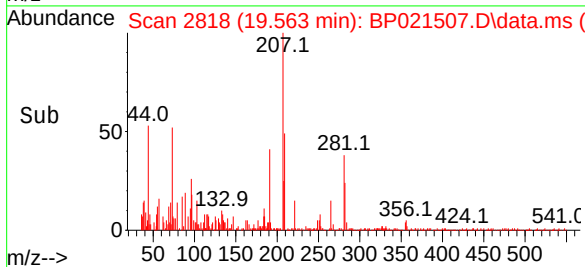
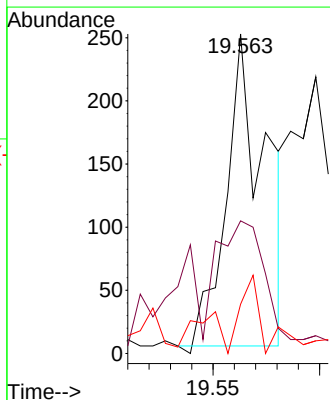
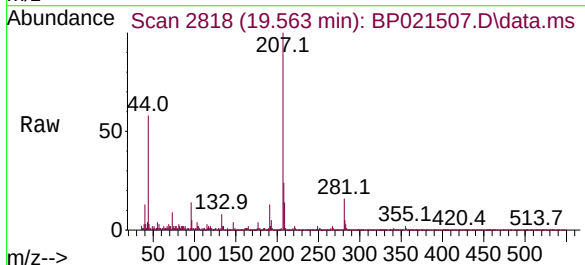
Tgt Ion:184 Resp: 315

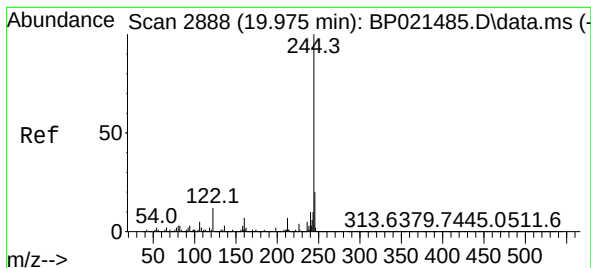
Ion Ratio Lower Upper

184 100

185 44.3 11.4 17.0#

183 15.4 9.3 13.9#





#79

Terphenyl-d14

Concen: 84.517 ng

RT: 19.981 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP021507.D

Acq: 15 Aug 2024 09:52

Instrument :

BNA_P

ClientSampleId :

PB162549BL

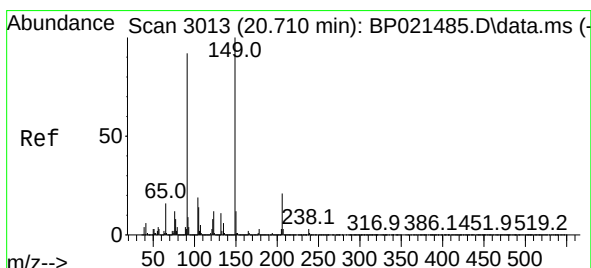
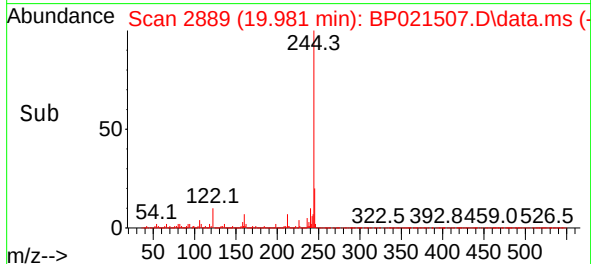
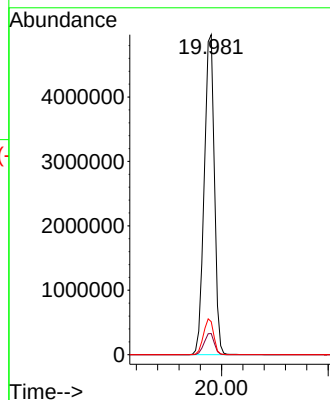
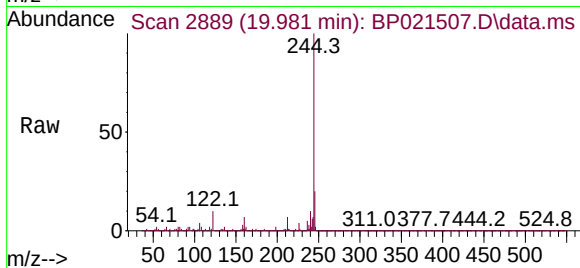
Tgt Ion:244 Resp: 6556256

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 10.3 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.609 ng

RT: 20.504 min Scan# 2978

Delta R.T. -0.206 min

Lab File: BP021507.D

Acq: 15 Aug 2024 09:52

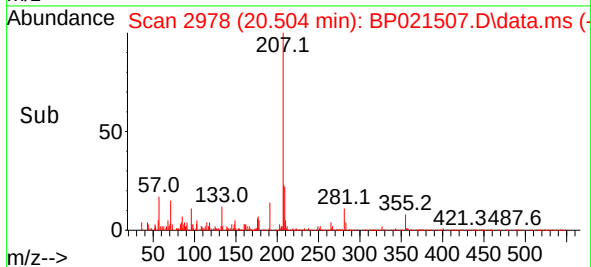
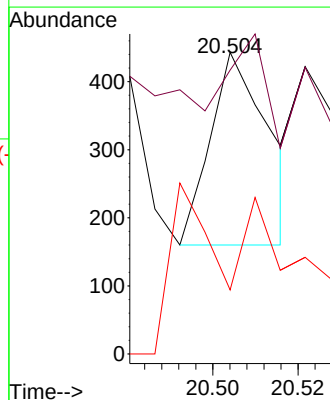
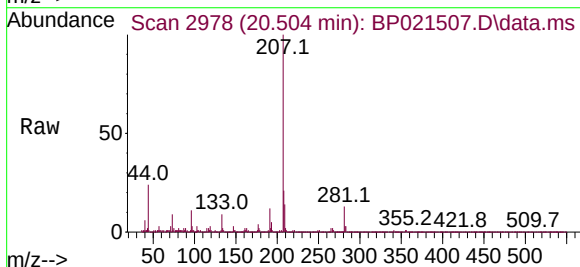
Tgt Ion:149 Resp: 268

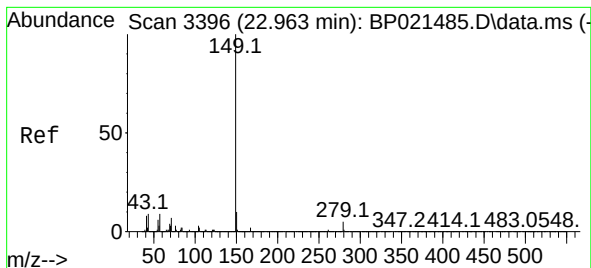
Ion Ratio Lower Upper

149 100

91 94.1 73.3 109.9

206 21.2 17.1 25.7





#85

Di-n-octyl phthalate

Concen: 4.837 ng

RT: 22.969 min Scan# 3396

Delta R.T. 0.006 min

Lab File: BP021507.D

Acq: 15 Aug 2024 09:52

Instrument :

BNA_P

ClientSampleId :

PB162549BL

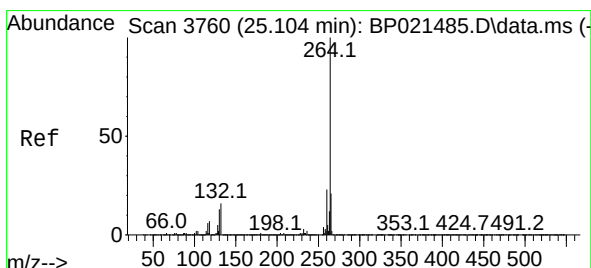
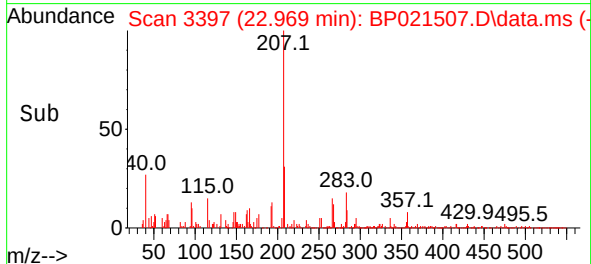
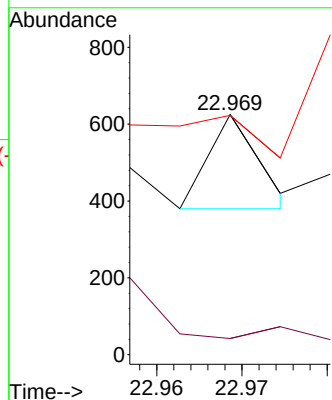
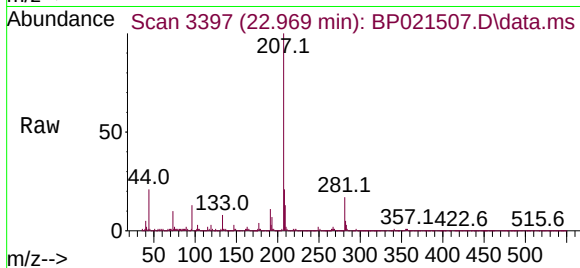
Tgt Ion:149 Resp: 101

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: 25.092 min Scan# 3758

Delta R.T. -0.012 min

Lab File: BP021507.D

Acq: 15 Aug 2024 09:52

Tgt Ion:264 Resp: 1647469

Ion Ratio Lower Upper

264 100

260 22.8 18.6 28.0

265 21.4 17.1 25.7

