

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091522\
 Data File : BP011707.D
 Acq On : 15 Sep 2022 10:58
 Operator : CG/JU
 Sample : PB147199BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB147199BL

Quant Time: Sep 15 15:53:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 19:12:50 2022
 Response via : Initial Calibration

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

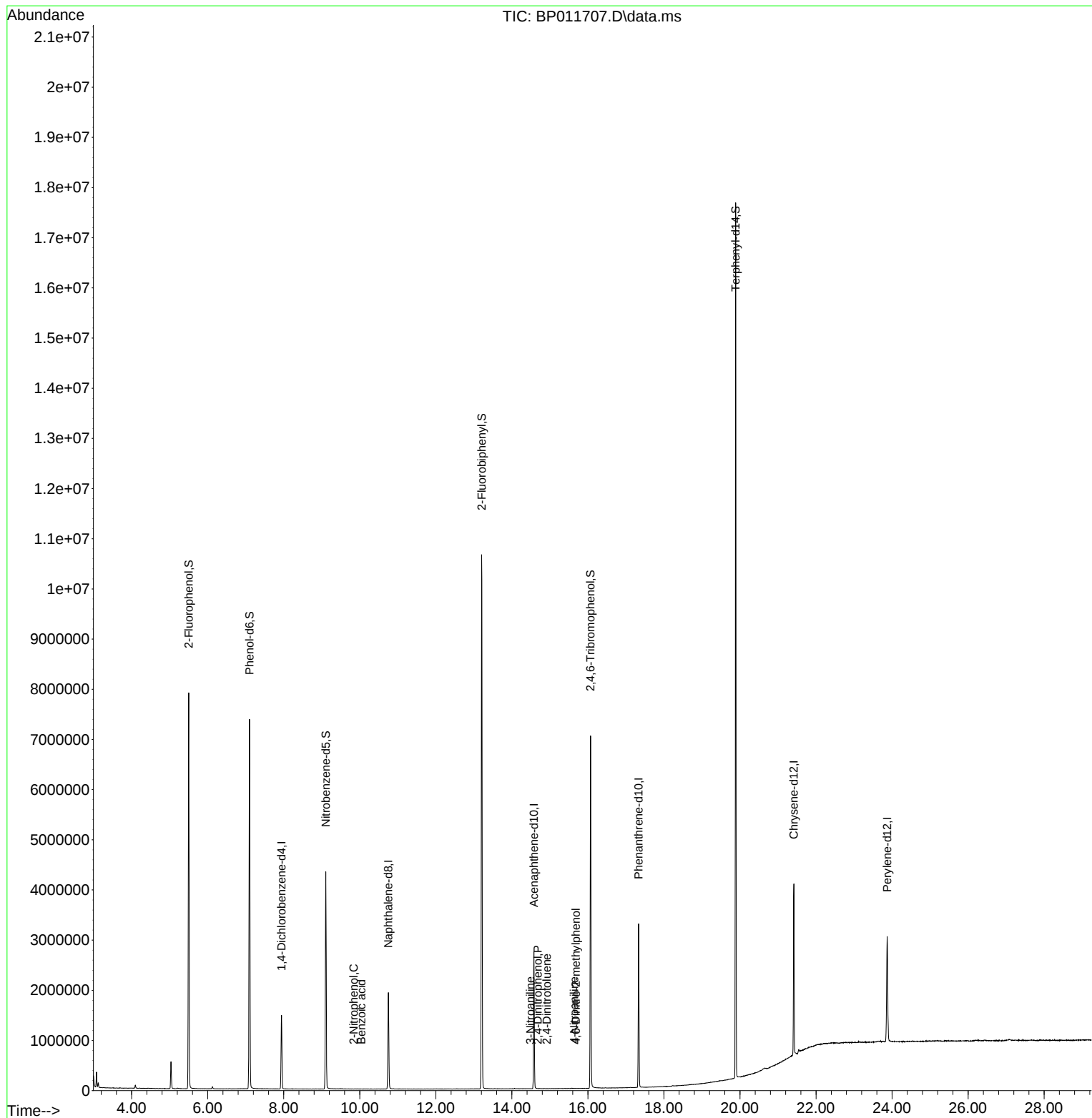
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	404358	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	1633362	20.000	ng	# 0.00
39) Acenaphthene-d10	14.581	164	911845	20.000	ng	0.00
64) Phenanthrene-d10	17.334	188	1803875	20.000	ng	# 0.00
76) Chrysene-d12	21.416	240	1563761	20.000	ng	0.00
86) Perylene-d12	23.869	264	1495106	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	3496465	157.392	ng	0.00
7) Phenol-d6	7.099	99	4420245	149.268	ng	0.00
23) Nitrobenzene-d5	9.105	82	2473108	89.798	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	1056857	148.339	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	5460292	93.083	ng	0.00
79) Terphenyl-d14	19.886	244	7412459	103.078	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.840	139	18	3.567	ng	# 1
32) Benzoic acid	10.040	122	22	6.637	ng	# 1
53) 3-Nitroaniline	14.487	138	26	2.387	ng	# 1
54) 2,4-Dinitrophenol	14.681	184	4	6.581	ng	# 1
57) 2,4-Dinitrotoluene	14.916	165	69	2.992	ng	# 50
62) 4-Nitroaniline	15.640	138	18	2.729	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.687	198	25	5.856	ng	# 1

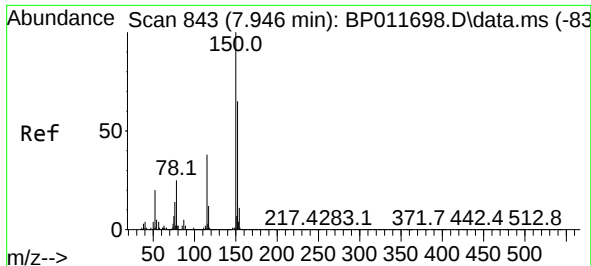
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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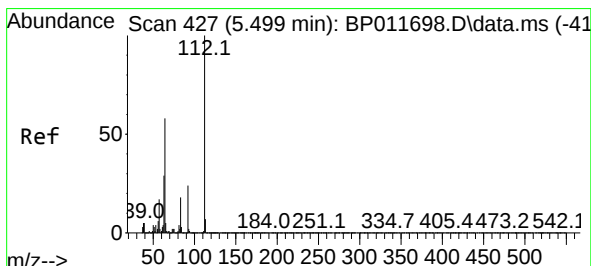
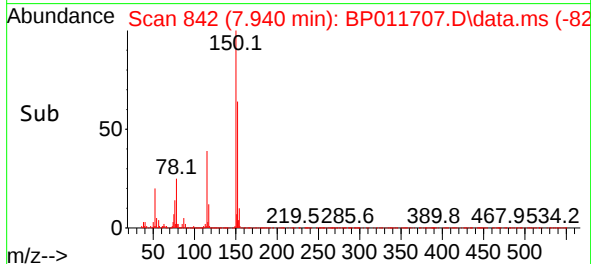
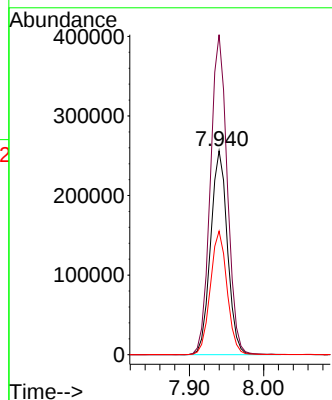
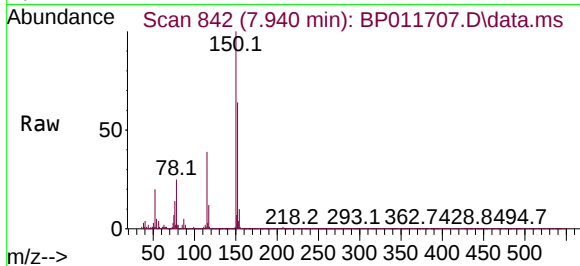




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.940 min Scan# 843
Delta R.T. -0.006 min
Lab File: BP011707.D
Acq: 15 Sep 2022 10:58

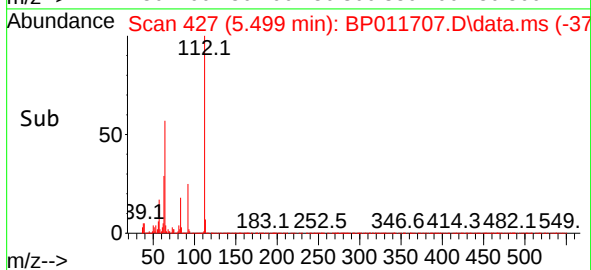
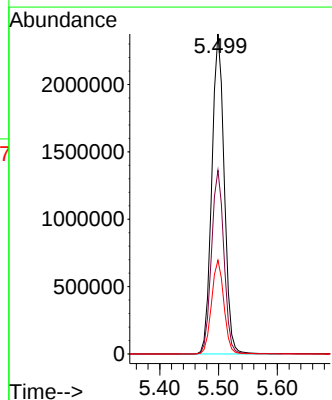
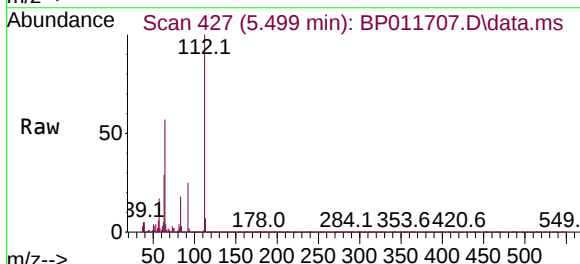
Instrument :
BNA_P
ClientSampleId :
PB147199BL

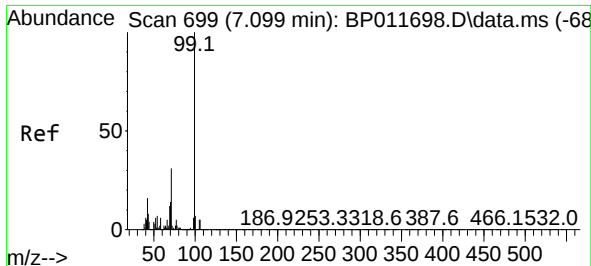
Tgt Ion:152 Resp: 404358
Ion Ratio Lower Upper
152 100
150 157.0 123.4 185.2
115 60.6 51.3 76.9



#5
2-Fluorophenol
Concen: 157.392 ng
RT: 5.499 min Scan# 427
Delta R.T. 0.000 min
Lab File: BP011707.D
Acq: 15 Sep 2022 10:58

Tgt Ion:112 Resp: 3496465
Ion Ratio Lower Upper
112 100
64 57.4 56.9 85.3
63 29.3 31.2 46.8#

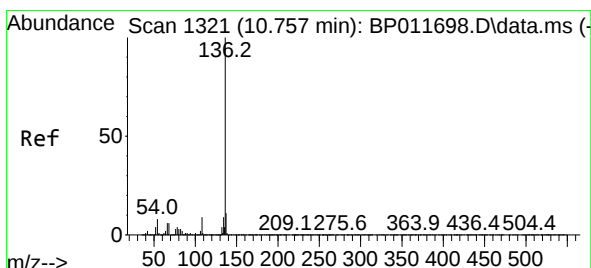
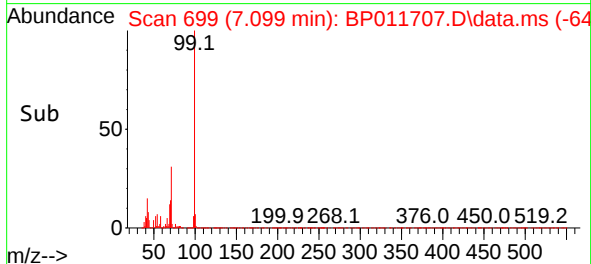
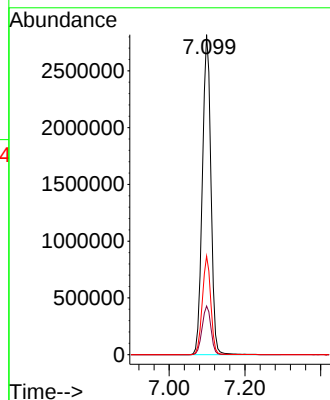
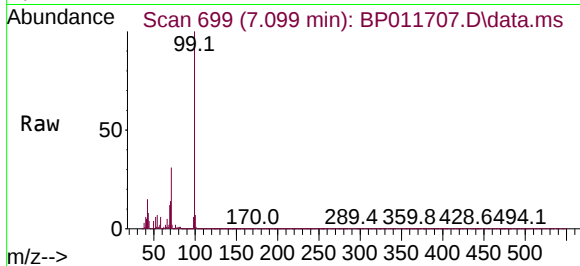




#7
Phenol-d6
Concen: 149.268 ng
RT: 7.099 min Scan# 699
Delta R.T. 0.000 min
Lab File: BP011707.D
Acq: 15 Sep 2022 10:58

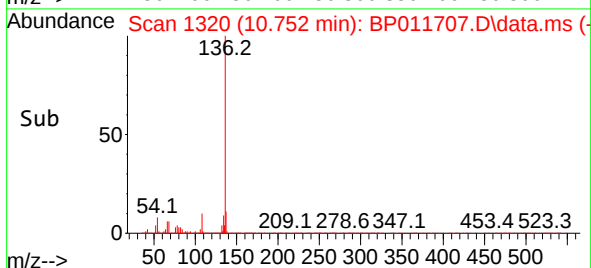
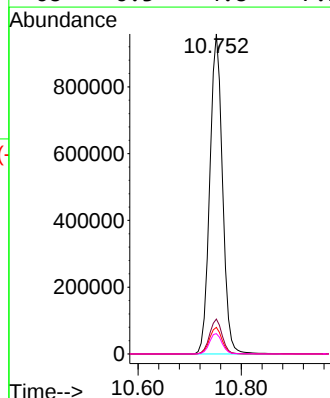
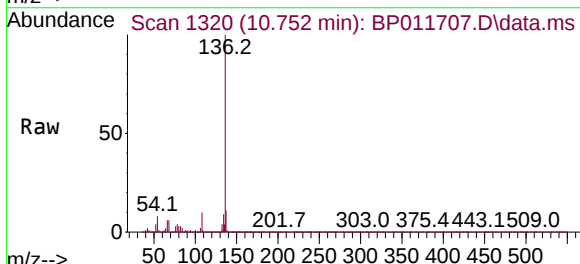
Instrument :
BNA_P
ClientSampleId :
PB147199BL

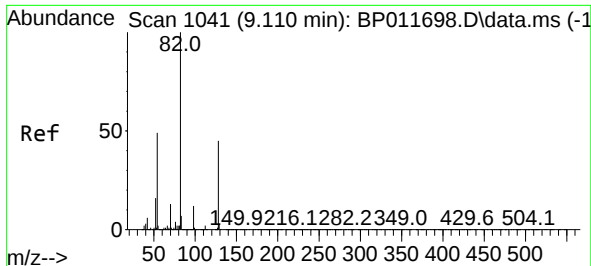
Tgt Ion: 99 Resp: 4420245
Ion Ratio Lower Upper
99 100
42 15.2 20.3 30.5#
71 30.8 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.752 min Scan# 1320
Delta R.T. -0.005 min
Lab File: BP011707.D
Acq: 15 Sep 2022 10:58

Tgt Ion: 136 Resp: 1633362
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.3 8.7 13.1#
68 6.3 4.8 7.2

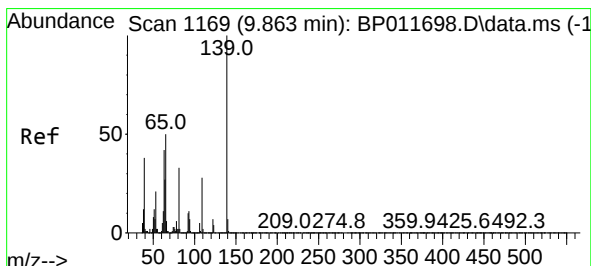
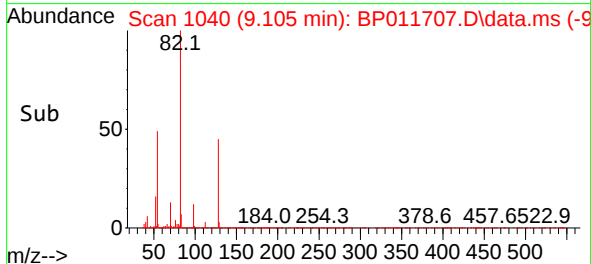
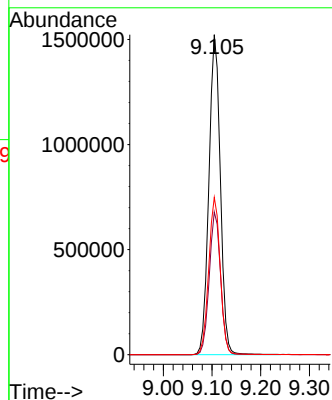
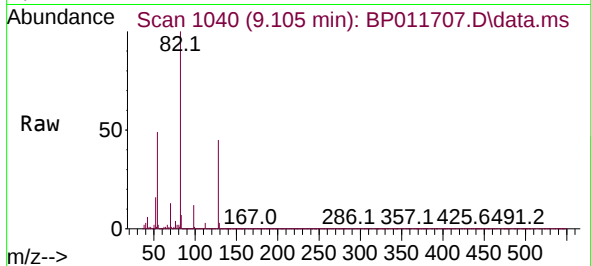




#23
 Nitrobenzene-d5
 Concen: 89.798 ng
 RT: 9.105 min Scan# 1105
 Delta R.T. -0.006 min
 Lab File: BP011707.D
 Acq: 15 Sep 2022 10:58

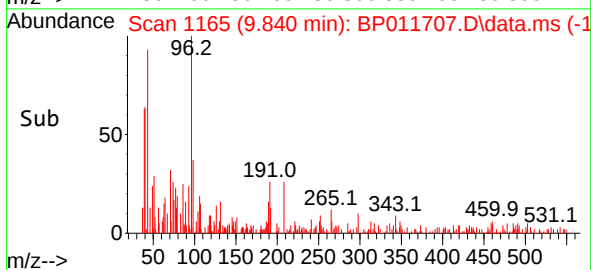
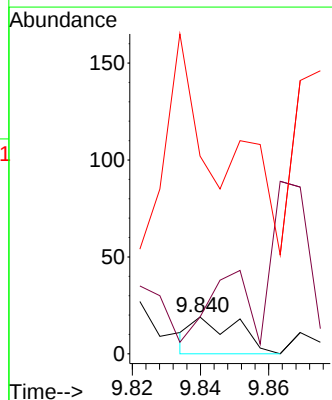
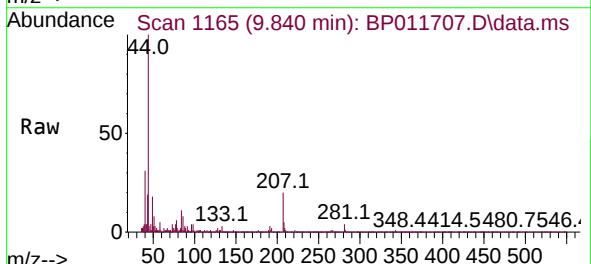
Instrument :
 BNA_P
 ClientSampleId :
 PB147199BL

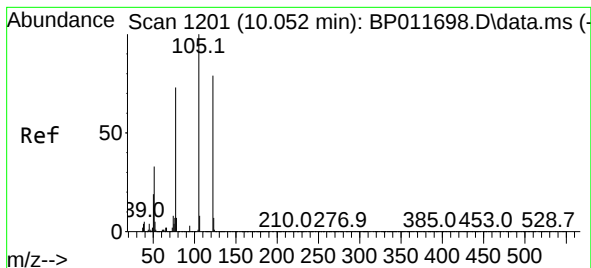
Tgt Ion: 82 Resp: 2473108
 Ion Ratio Lower Upper
 82 100
 128 44.6 31.3 46.9
 54 49.2 49.8 74.8#



#26
 2-Nitrophenol
 Concen: 3.567 ng
 RT: 9.840 min Scan# 1165
 Delta R.T. -0.023 min
 Lab File: BP011707.D
 Acq: 15 Sep 2022 10:58

Tgt Ion: 139 Resp: 18
 Ion Ratio Lower Upper
 139 100
 109 100.0 30.2 45.4#
 65 536.8 52.2 78.2#





#32

Benzoic acid

Concen: 6.637 ng

RT: 10.040 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BP011707.D

Acq: 15 Sep 2022 10:58

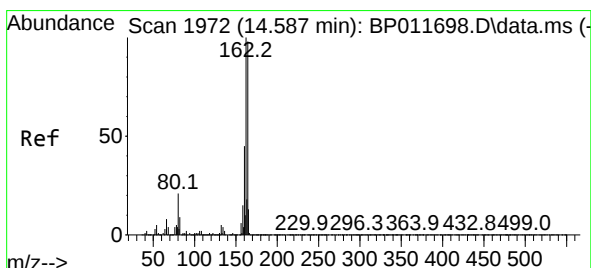
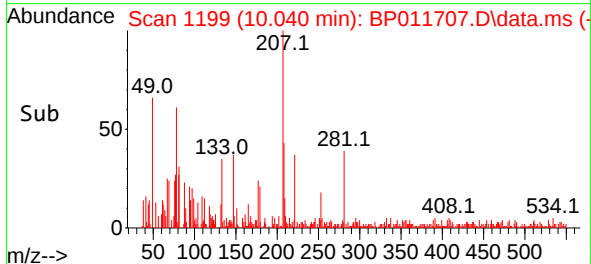
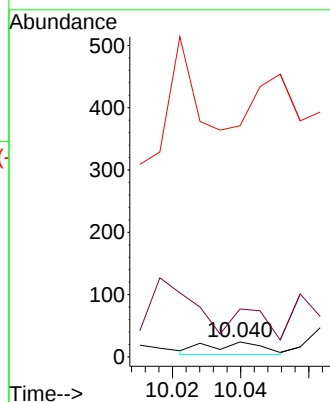
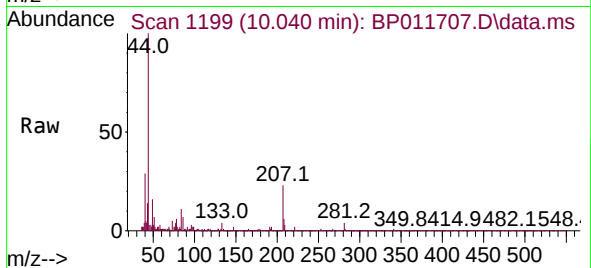
Instrument :

BNA_P

ClientSampleId :

PB147199BL

Tgt Ion:	122	Resp:	22
Ion	Ratio	Lower	Upper
122	100		
105	320.8	112.6	152.6#
77	1545.8	90.2	130.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

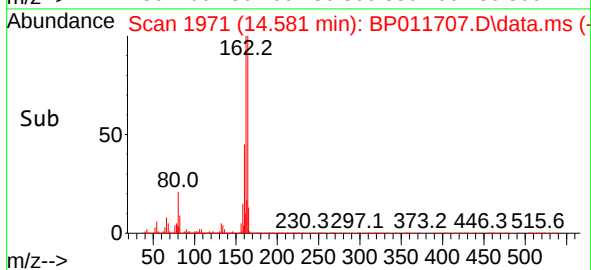
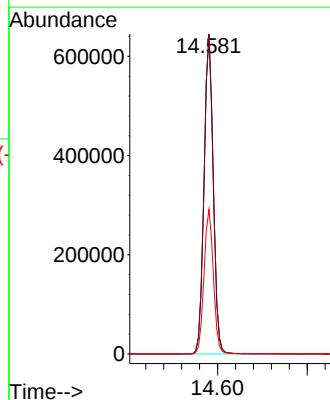
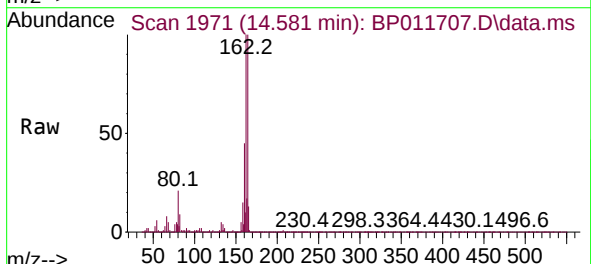
RT: 14.581 min Scan# 1971

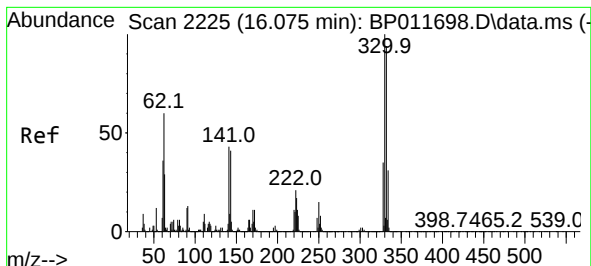
Delta R.T. -0.006 min

Lab File: BP011707.D

Acq: 15 Sep 2022 10:58

Tgt Ion:	164	Resp:	911845
Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.9	122.9
160	45.2	34.6	51.8





#42

2,4,6-Tribromophenol

Concen: 148.339 ng

RT: 16.069 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011707.D

Acq: 15 Sep 2022 10:58

Instrument :

BNA_P

ClientSampleId :

PB147199BL

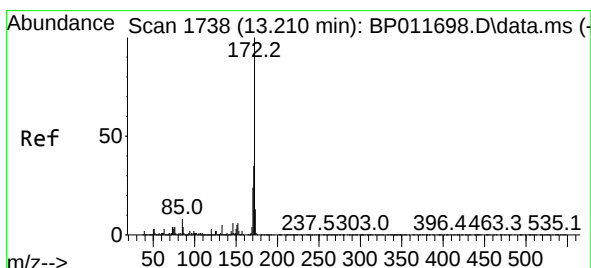
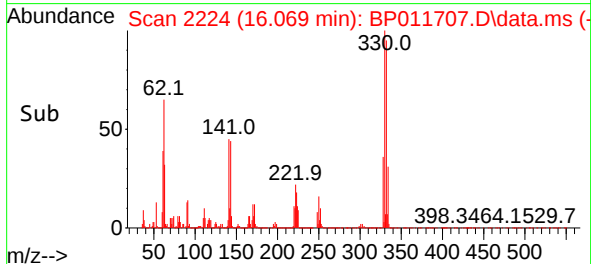
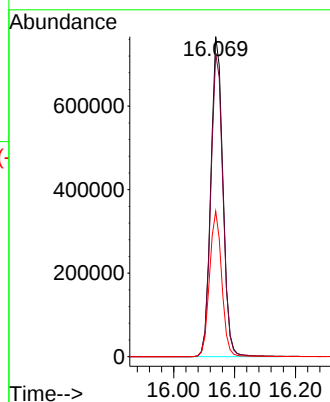
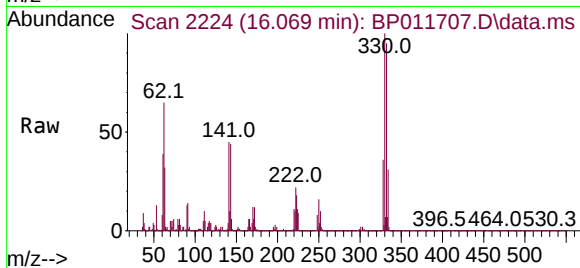
Tgt Ion:330 Resp: 1056857

Ion Ratio Lower Upper

330 100

332 95.6 78.1 117.1

141 45.9 31.4 47.2



#45

2-Fluorobiphenyl

Concen: 93.083 ng

RT: 13.204 min Scan# 1737

Delta R.T. -0.006 min

Lab File: BP011707.D

Acq: 15 Sep 2022 10:58

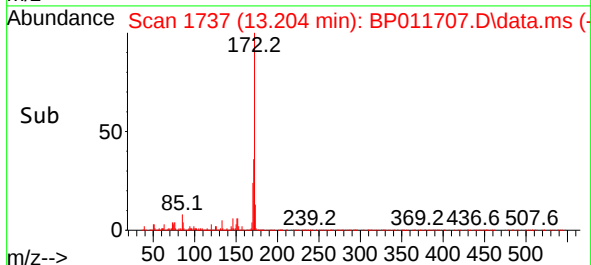
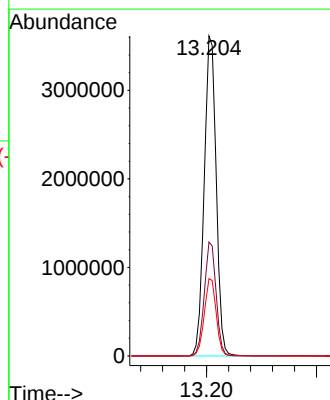
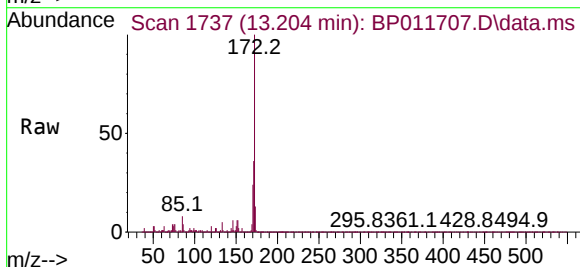
Tgt Ion:172 Resp: 5460292

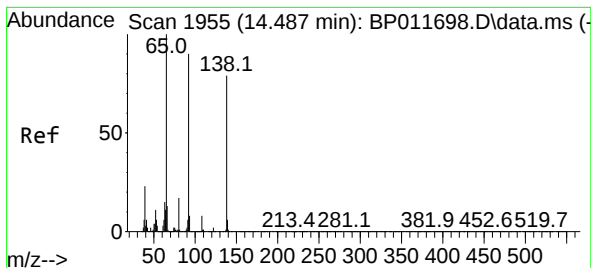
Ion Ratio Lower Upper

172 100

171 35.6 27.9 41.9

170 24.2 18.2 27.2

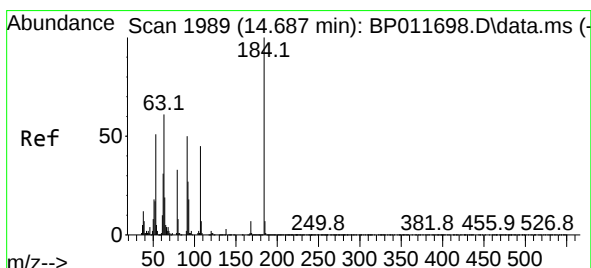
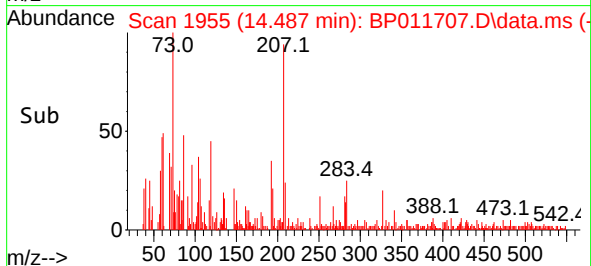
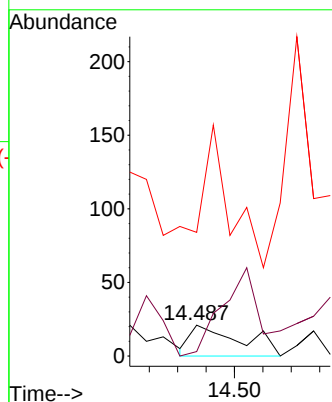
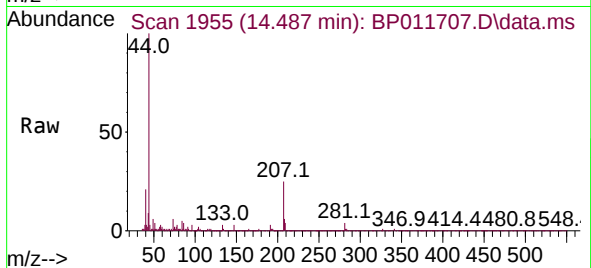




#53
3-Nitroaniline
Concen: 2.387 ng
RT: 14.487 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BP011707.D
Acq: 15 Sep 2022 10:58

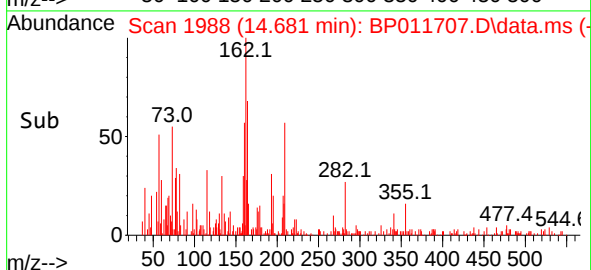
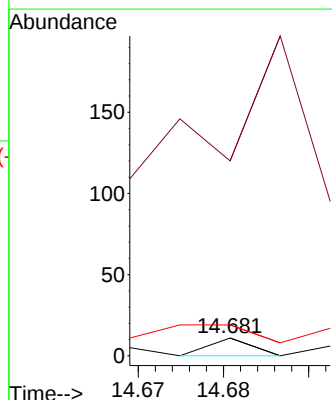
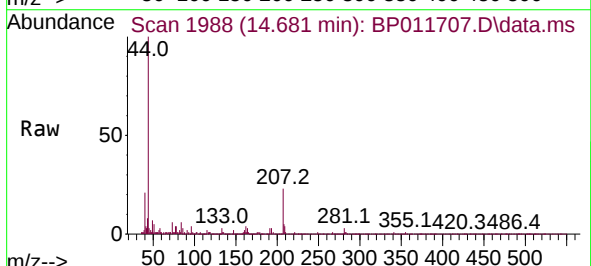
Instrument :
BNA_P
ClientSampleId :
PB147199BL

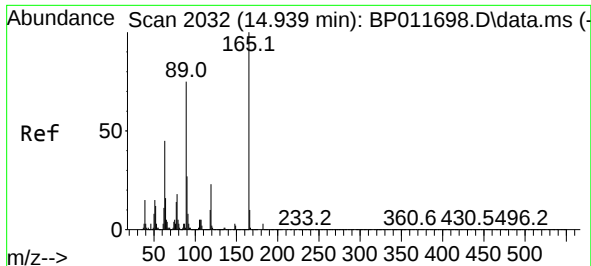
Tgt Ion:138 Resp: 26
Ion Ratio Lower Upper
138 100
108 14.3 9.5 14.3#
92 400.0 99.9 149.9#



#54
2,4-Dinitrophenol
Concen: 6.581 ng
RT: 14.681 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BP011707.D
Acq: 15 Sep 2022 10:58

Tgt Ion:184 Resp: 4
Ion Ratio Lower Upper
184 100
63 1090.9 65.4 98.2#
154 172.7 55.4 83.2#

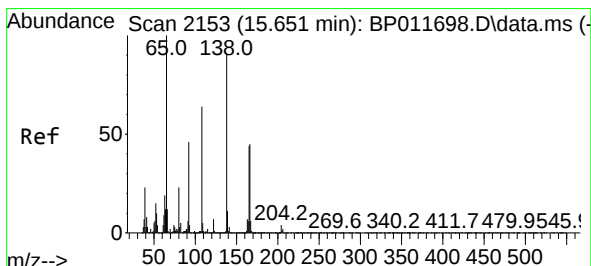
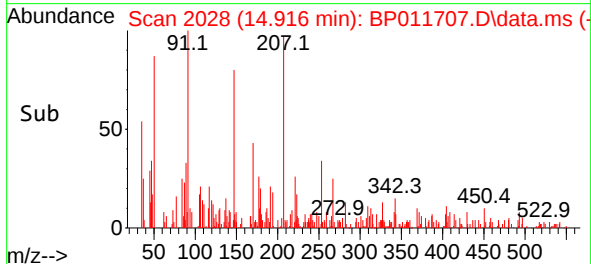
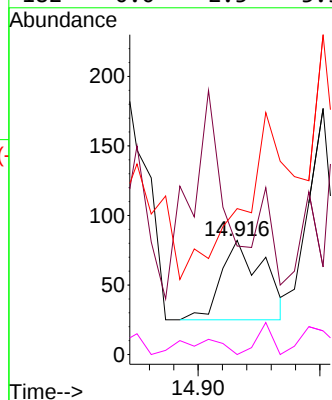
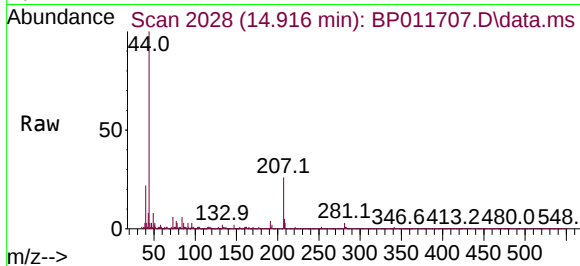




#57
2,4-Dinitrotoluene
Concen: 2.992 ng
RT: 14.916 min Scan# 2032
Delta R.T. -0.023 min
Lab File: BP011707.D
Acq: 15 Sep 2022 10:58

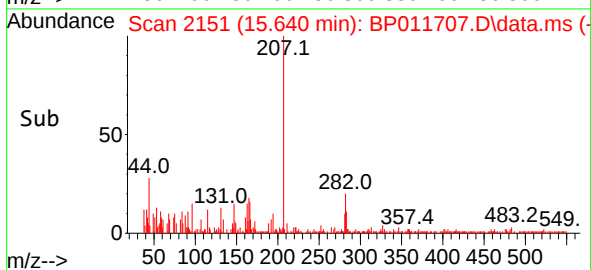
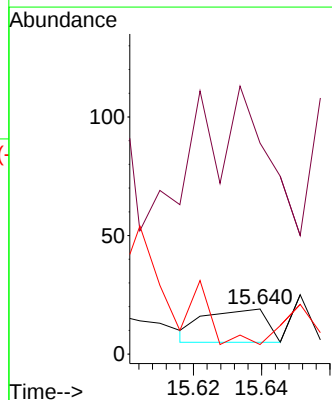
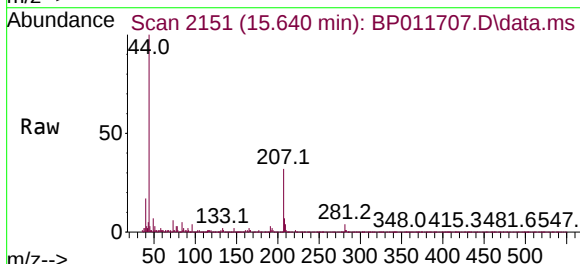
Instrument :
BNA_P
ClientSampleId :
PB147199BL

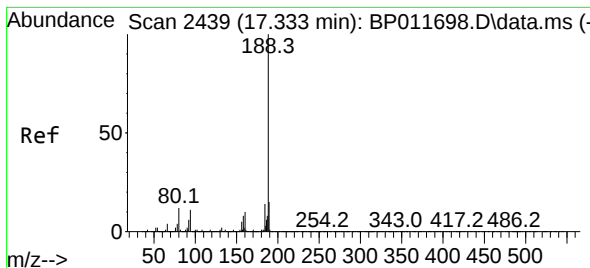
Tgt Ion:165 Resp: 69
Ion Ratio Lower Upper
165 100
63 95.1 46.2 69.2#
89 128.0 65.8 98.8#
182 0.0 2.3 3.5#



#62
4-Nitroaniline
Concen: 2.729 ng
RT: 15.640 min Scan# 2151
Delta R.T. -0.011 min
Lab File: BP011707.D
Acq: 15 Sep 2022 10:58

Tgt Ion:138 Resp: 18
Ion Ratio Lower Upper
138 100
92 468.4 38.0 78.0#
108 52.6 77.6 117.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.334 min Scan# 24

Delta R.T. 0.001 min

Lab File: BP011707.D

Acq: 15 Sep 2022 10:58

Instrument :

BNA_P

ClientSampleId :

PB147199BL

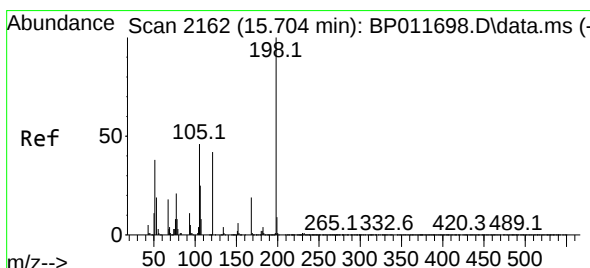
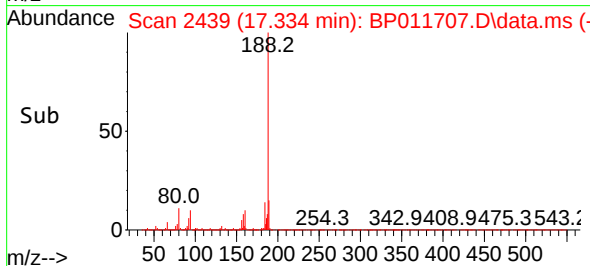
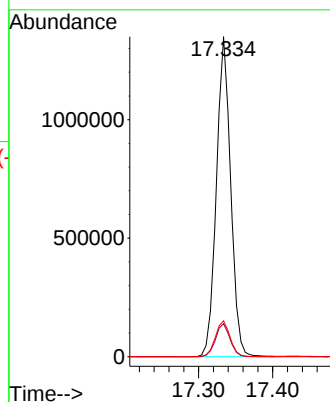
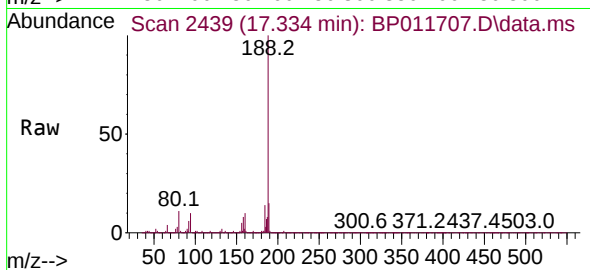
Tgt Ion:188 Resp: 1803875

Ion Ratio Lower Upper

188 100

94 10.3 6.6 10.0#

80 11.2 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 5.856 ng

RT: 15.687 min Scan# 2159

Delta R.T. -0.017 min

Lab File: BP011707.D

Acq: 15 Sep 2022 10:58

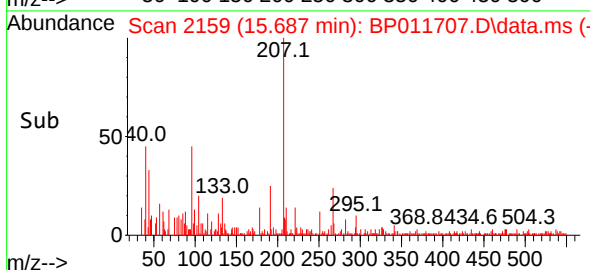
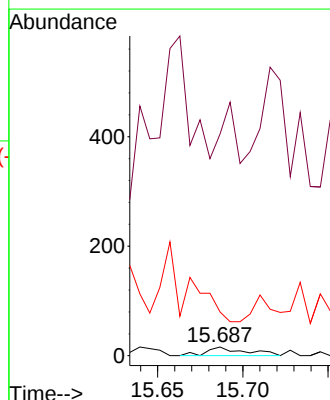
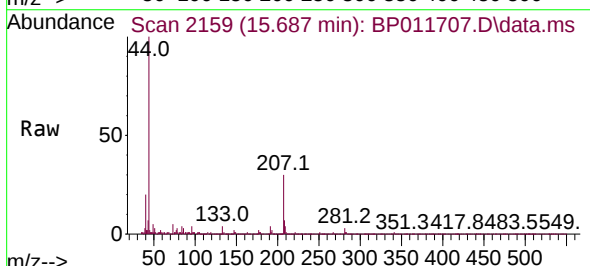
Tgt Ion:198 Resp: 25

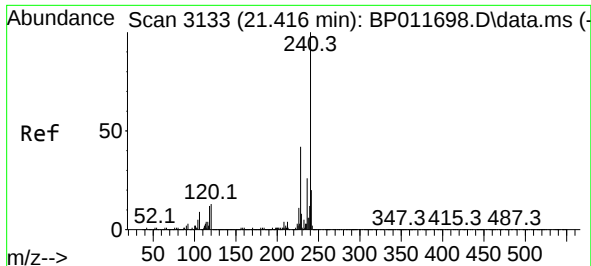
Ion Ratio Lower Upper

198 100

51 2531.3 41.2 81.2#

105 537.5 25.3 65.3#

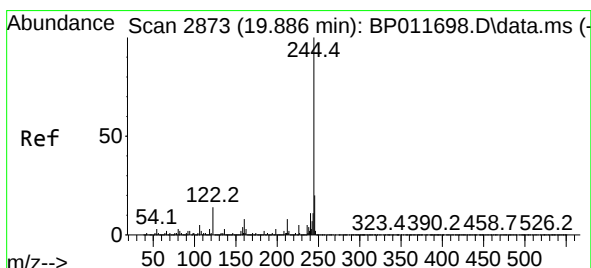
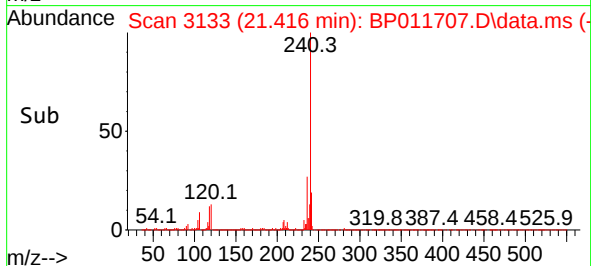
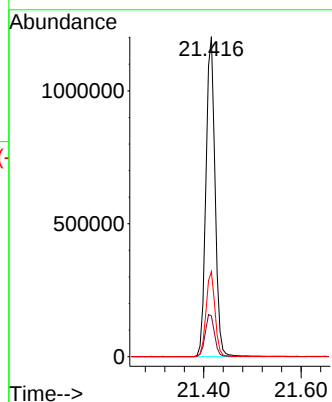
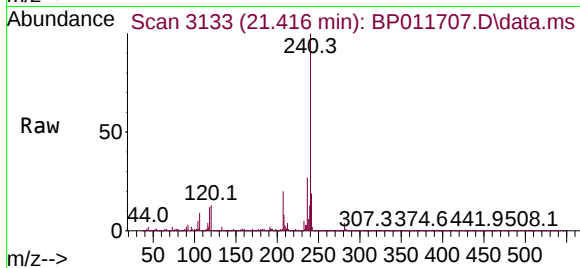




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.416 min Scan# 3133
Delta R.T. -0.000 min
Lab File: BP011707.D
Acq: 15 Sep 2022 10:58

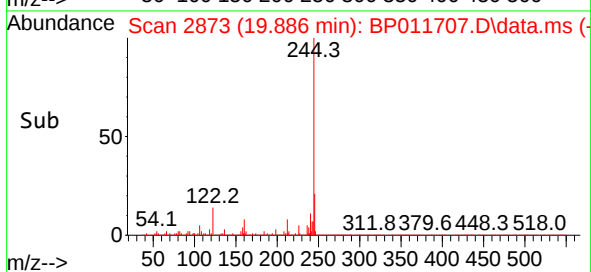
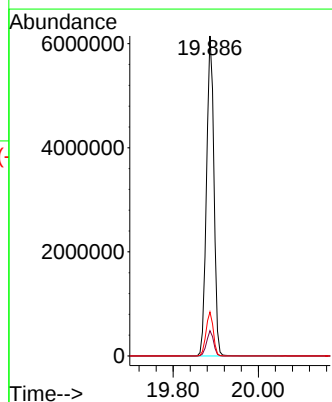
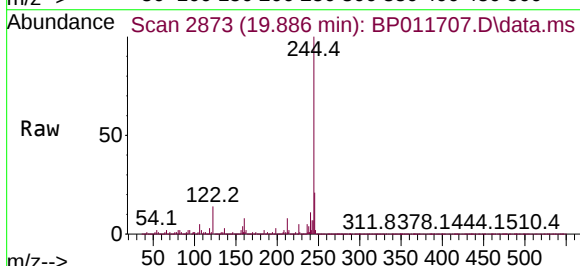
Instrument :
BNA_P
ClientSampleId :
PB147199BL

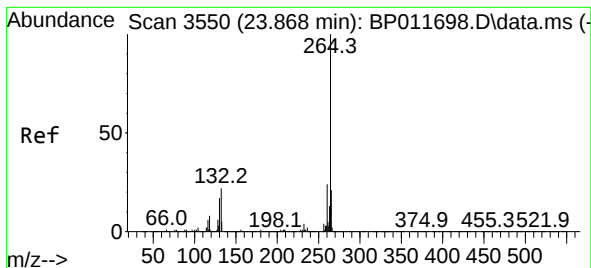
Tgt Ion:240 Resp: 1563761
Ion Ratio Lower Upper
240 100
120 12.8 8.6 12.8
236 26.6 19.8 29.6



#79
Terphenyl-d14
Concen: 103.078 ng
RT: 19.886 min Scan# 2873
Delta R.T. 0.000 min
Lab File: BP011707.D
Acq: 15 Sep 2022 10:58

Tgt Ion:244 Resp: 7412459
Ion Ratio Lower Upper
244 100
212 7.9 5.8 8.8
122 13.7 7.6 11.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.869 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP011707.D

Acq: 15 Sep 2022 10:58

Instrument :

BNA_P

ClientSampleId :

PB147199BL

Tgt Ion:264 Resp: 1495106

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 22.1 18.0 27.0

