

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091622\
 Data File : BP011724.D
 Acq On : 16 Sep 2022 10:19
 Operator : CG/JU
 Sample : PB147206BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB147206BL

Quant Time: Sep 16 15:26:32 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)

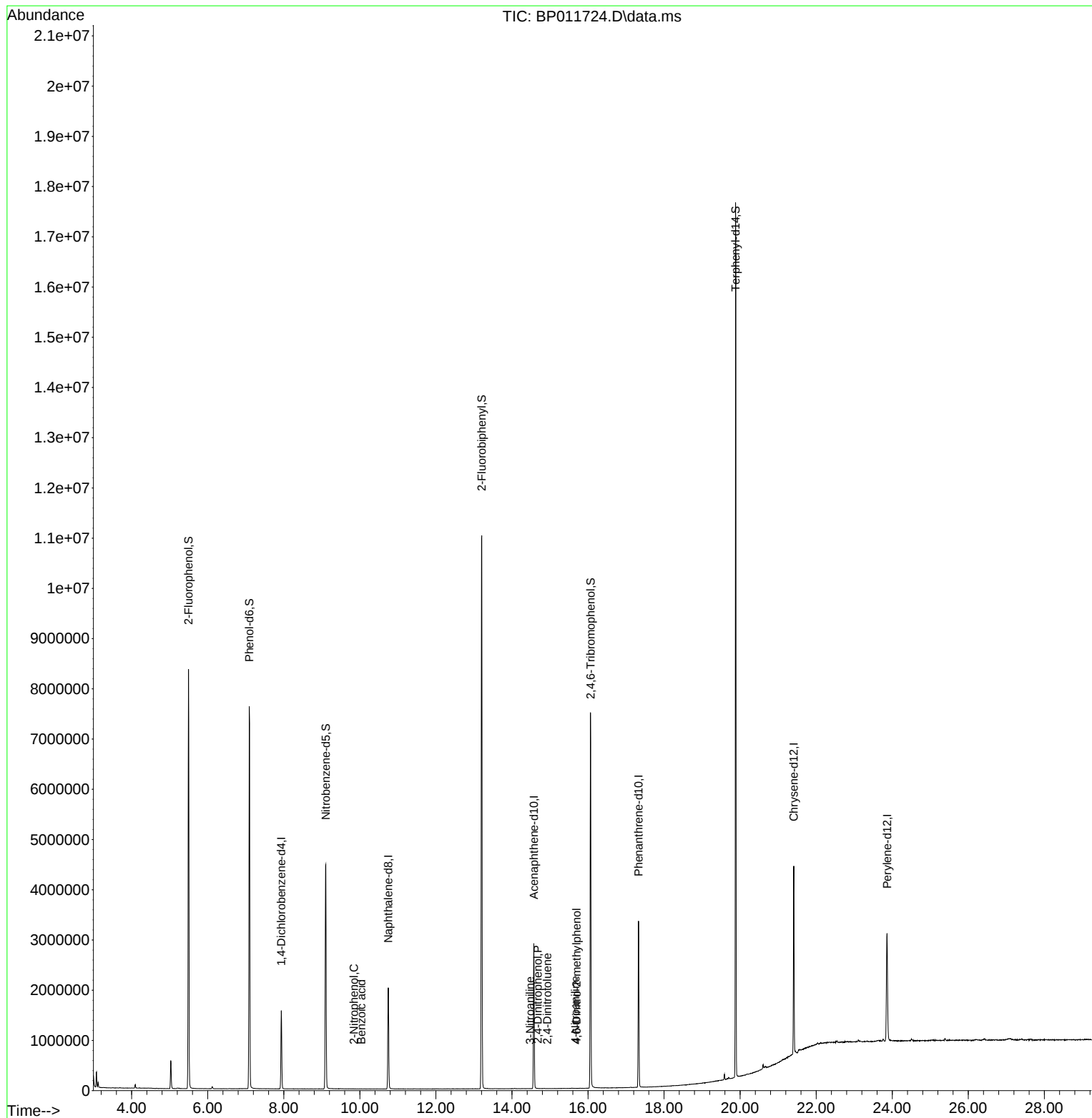
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	417035	20.000	ng	-0.01
21) Naphthalene-d8	10.746	136	1711951	20.000	ng	#-0.01
39) Acenaphthene-d10	14.575	164	967489	20.000	ng	-0.01
64) Phenanthrene-d10	17.328	188	1914360	20.000	ng	# 0.00
76) Chrysene-d12	21.410	240	1611971	20.000	ng	# 0.00
86) Perylene-d12	23.863	264	1490363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	3663305	159.890	ng	0.00
7) Phenol-d6	7.093	99	4649306	152.231	ng	0.00
23) Nitrobenzene-d5	9.105	82	2621330	90.811	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	1087698	143.888	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	5706167	91.679	ng	0.00
79) Terphenyl-d14	19.880	244	7739050	104.401	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.846	139	30	3.568	ng	# 32
32) Benzoic acid	10.040	122	28	6.637	ng	# 1
53) 3-Nitroaniline	14.481	138	22	2.386	ng	# 1
54) 2,4-Dinitrophenol	14.675	184	8	6.581	ng	# 1
57) 2,4-Dinitrotoluene	14.928	165	43	2.990	ng	# 50
62) 4-Nitroaniline	15.663	138	46	2.730	ng	# 12
65) 4,6-Dinitro-2-methylph...	15.698	198	16	5.855	ng	# 1

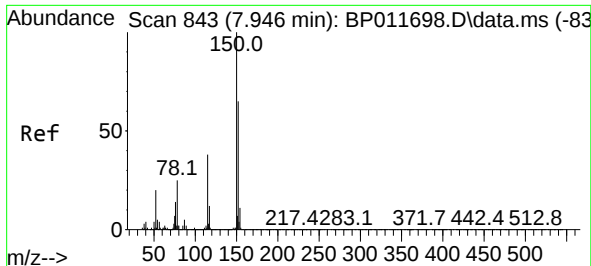
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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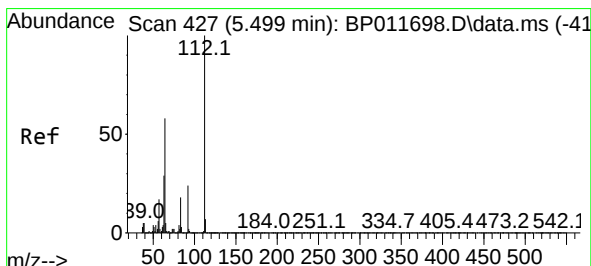
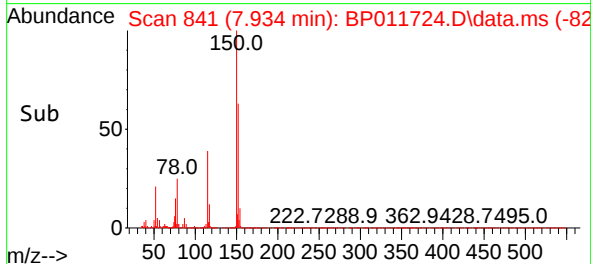
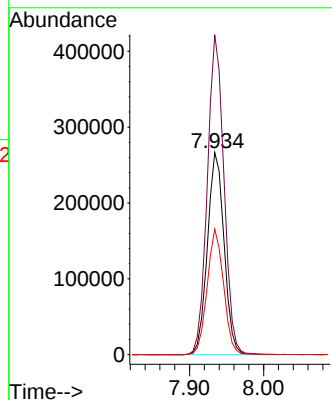
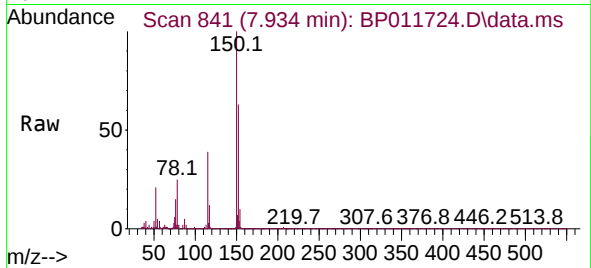




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 843
Delta R.T. -0.012 min
Lab File: BP011724.D
Acq: 16 Sep 2022 10:19

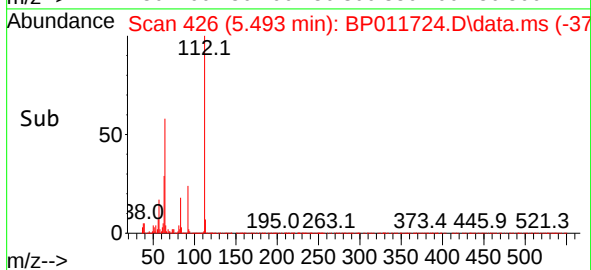
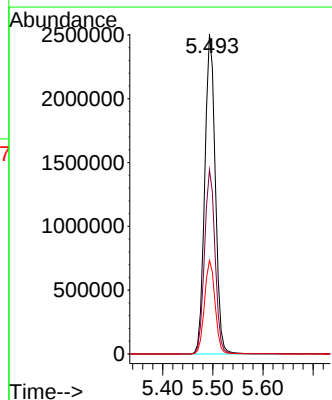
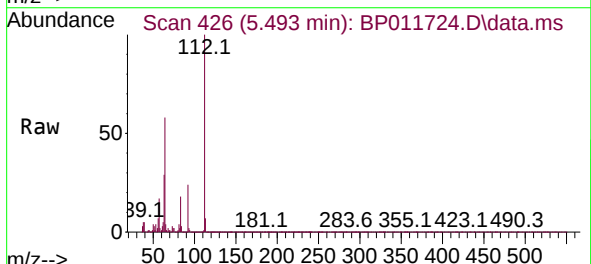
Instrument :
BNA_P
ClientSampleId :
PB147206BL

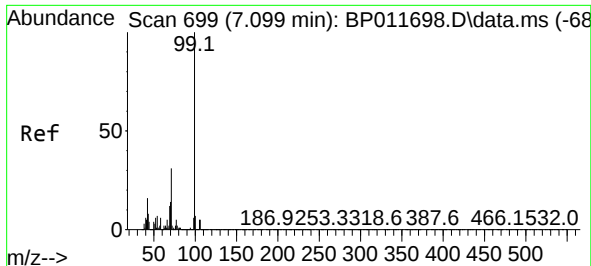
Tgt Ion:152 Resp: 417035
Ion Ratio Lower Upper
152 100
150 158.4 123.4 185.2
115 62.2 51.3 76.9



#5
2-Fluorophenol
Concen: 159.890 ng
RT: 5.493 min Scan# 426
Delta R.T. -0.006 min
Lab File: BP011724.D
Acq: 16 Sep 2022 10:19

Tgt Ion:112 Resp: 3663305
Ion Ratio Lower Upper
112 100
64 57.6 56.9 85.3
63 29.2 31.2 46.8#

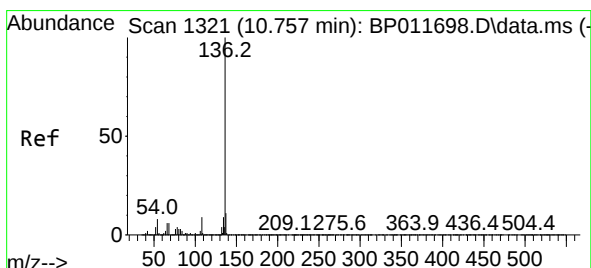
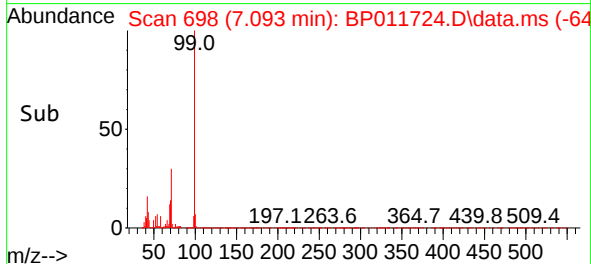
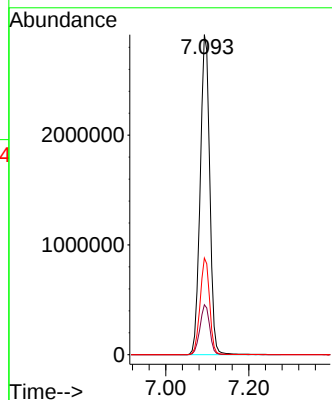
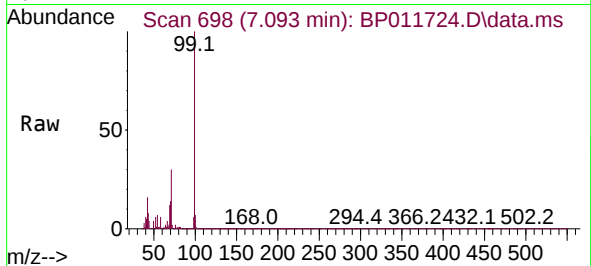




#7
Phenol-d6
Concen: 152.231 ng
RT: 7.093 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP011724.D
Acq: 16 Sep 2022 10:19

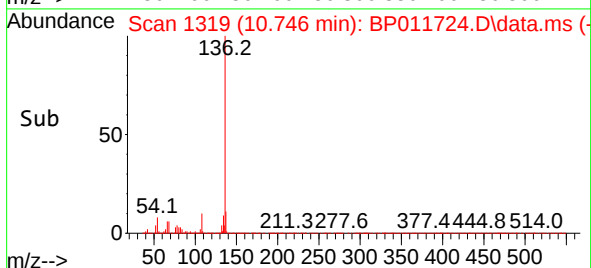
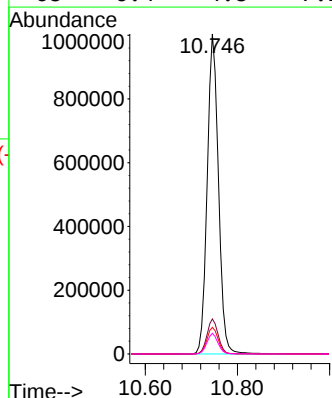
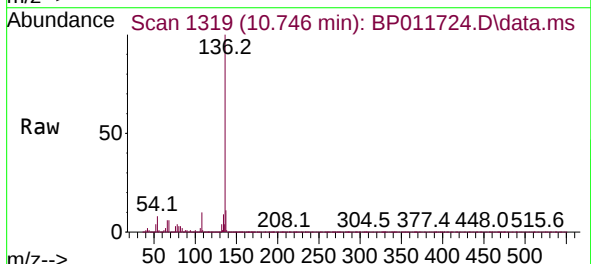
Instrument :
BNA_P
ClientSampleId :
PB147206BL

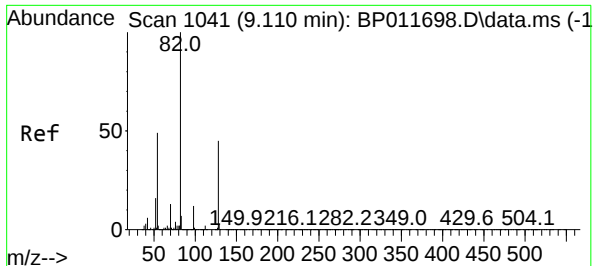
Tgt Ion: 99 Resp: 4649306
Ion Ratio Lower Upper
99 100
42 15.6 20.3 30.5#
71 30.2 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 1319
Delta R.T. -0.011 min
Lab File: BP011724.D
Acq: 16 Sep 2022 10:19

Tgt Ion:136 Resp: 1711951
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.3 8.7 13.1#
68 6.4 4.8 7.2





#23

Nitrobenzene-d5

Concen: 90.811 ng

RT: 9.105 min Scan# 110

Delta R.T. -0.006 min

Lab File: BP011724.D

Acq: 16 Sep 2022 10:19

Instrument :

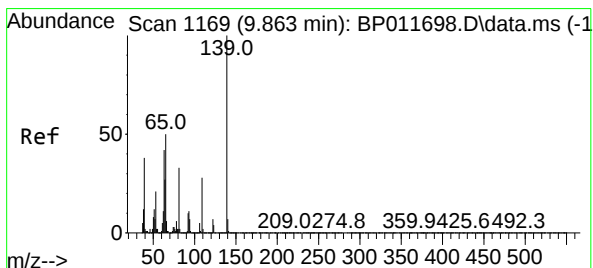
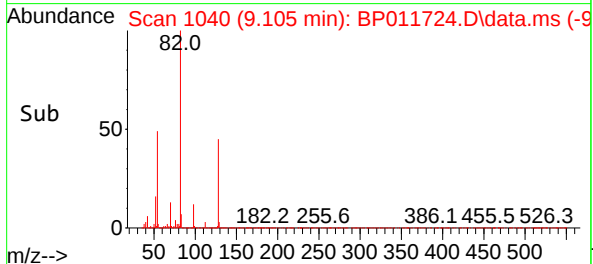
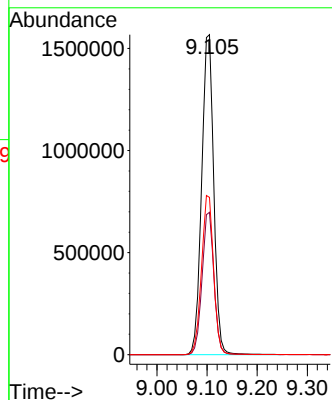
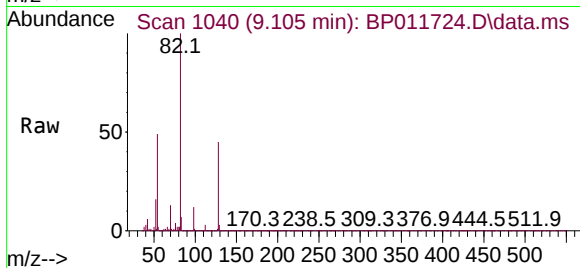
BNA_P

ClientSampleId :

PB147206BL

Tgt Ion: 82 Resp: 2621330

Ion	Ratio	Lower	Upper
82	100		
128	44.5	31.3	46.9
54	49.2	49.8	74.8#



#26

2-Nitrophenol

Concen: 3.568 ng

RT: 9.846 min Scan# 1166

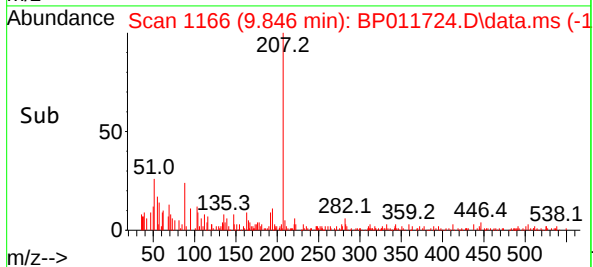
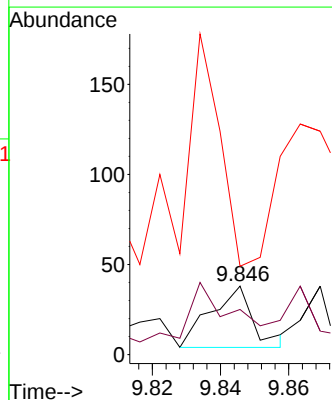
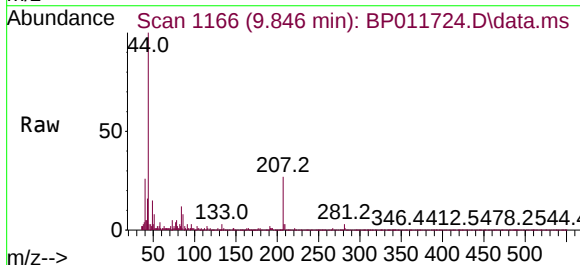
Delta R.T. -0.017 min

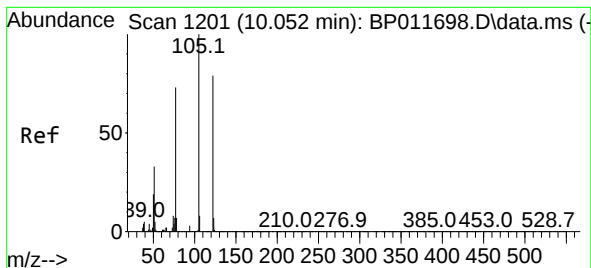
Lab File: BP011724.D

Acq: 16 Sep 2022 10:19

Tgt Ion: 139 Resp: 30

Ion	Ratio	Lower	Upper
139	100		
109	65.8	30.2	45.4#
65	128.9	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: BP011724.D

Acq: 16 Sep 2022 10:19

Instrument :

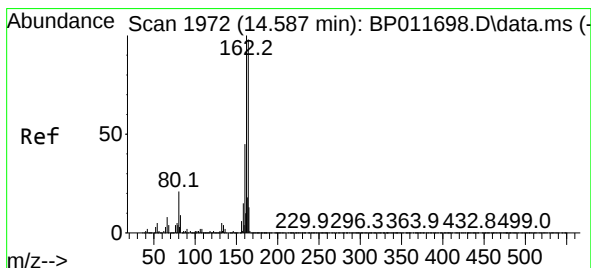
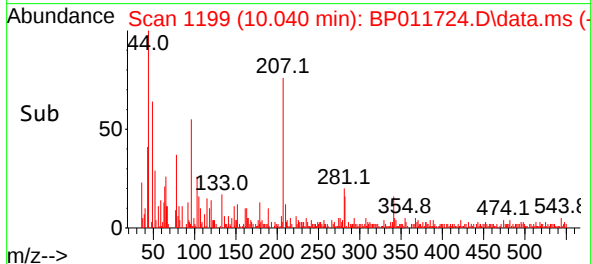
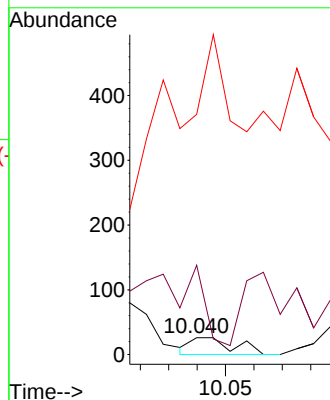
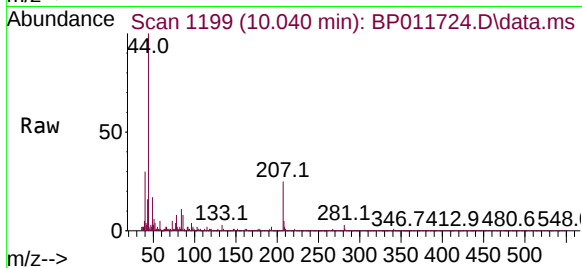
BNA_P

ClientSampleId :

PB147206BL

Tgt Ion:122 Resp: 28

Ion	Ratio	Lower	Upper
122	100		
105	530.8	112.6	152.6#
77	1426.9	90.2	130.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.575 min Scan# 1970

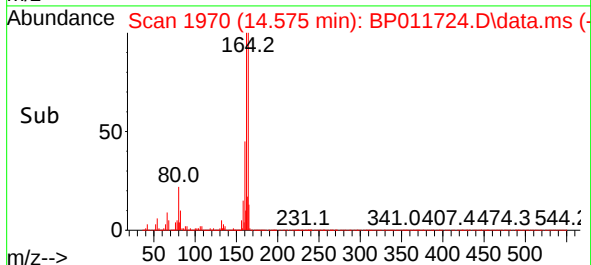
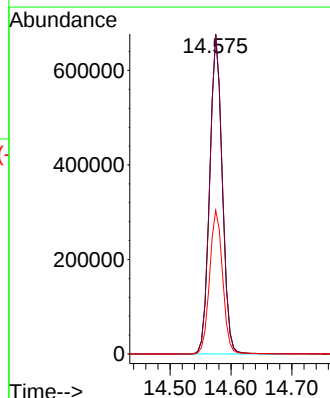
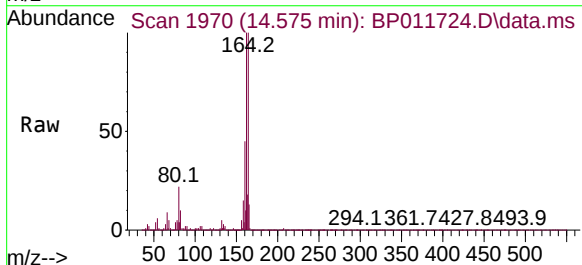
Delta R.T. -0.012 min

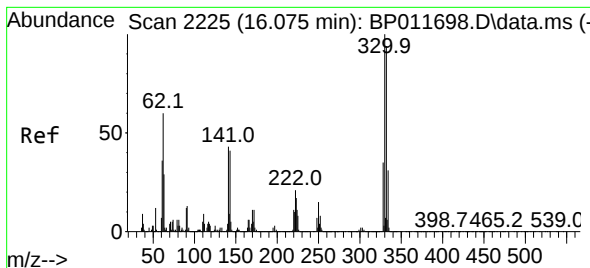
Lab File: BP011724.D

Acq: 16 Sep 2022 10:19

Tgt Ion:164 Resp: 967489

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.9	122.9
160	45.0	34.6	51.8





#42

2,4,6-Tribromophenol

Concen: 143.888 ng

RT: 16.069 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011724.D

Acq: 16 Sep 2022 10:19

Instrument :

BNA_P

ClientSampleId :

PB147206BL

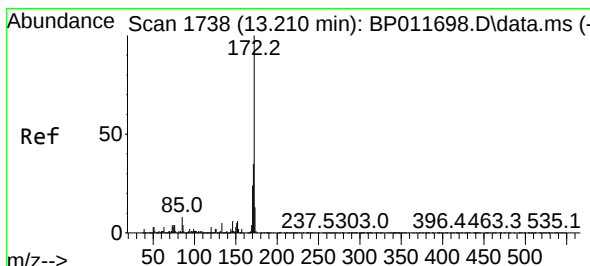
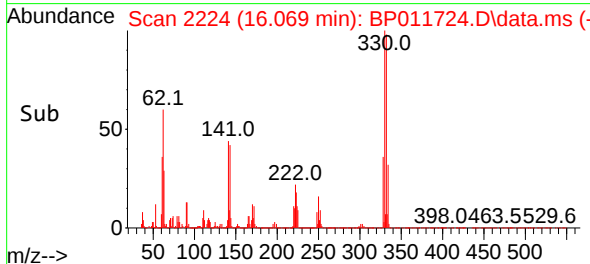
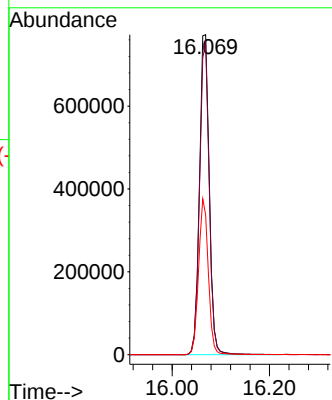
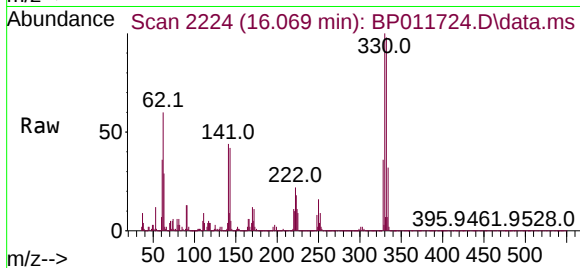
Tgt Ion:330 Resp: 1087698

Ion Ratio Lower Upper

330 100

332 95.6 78.1 117.1

141 48.2 31.4 47.2#



#45

2-Fluorobiphenyl

Concen: 91.679 ng

RT: 13.204 min Scan# 1737

Delta R.T. -0.006 min

Lab File: BP011724.D

Acq: 16 Sep 2022 10:19

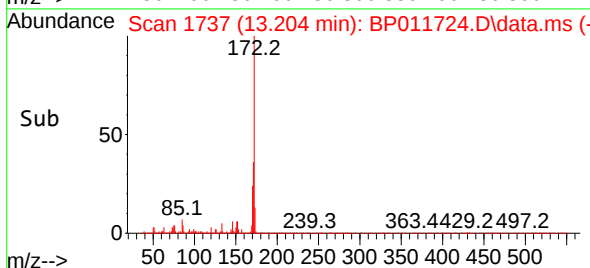
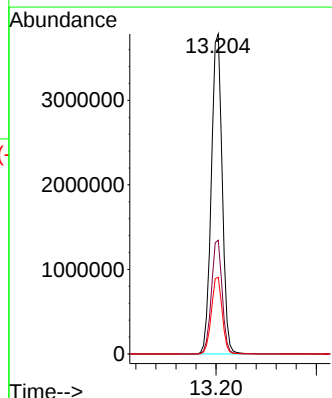
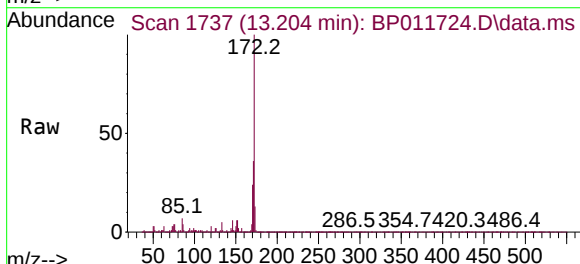
Tgt Ion:172 Resp: 5706167

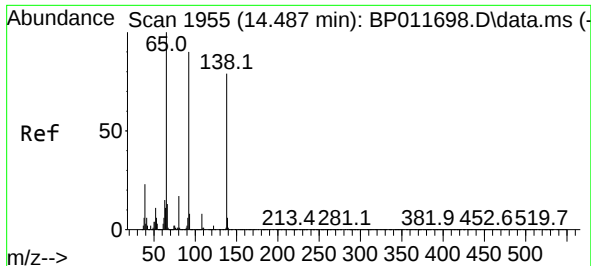
Ion Ratio Lower Upper

172 100

171 35.6 27.9 41.9

170 24.0 18.2 27.2

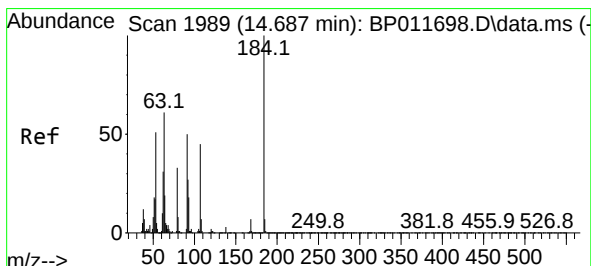
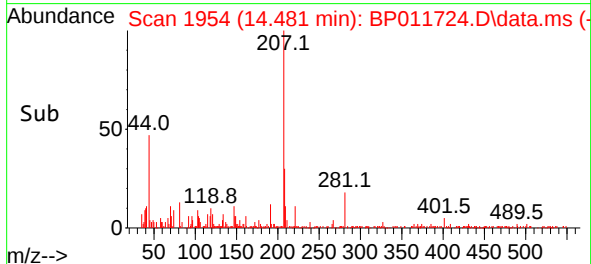
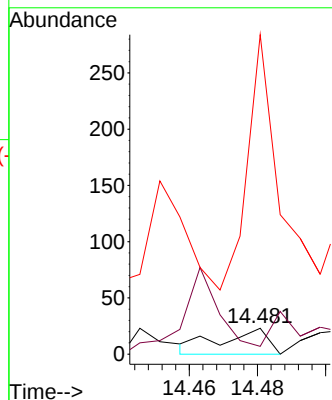
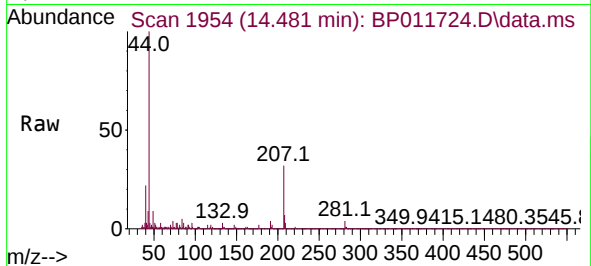




#53
3-Nitroaniline
Concen: 2.386 ng
RT: 14.481 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BP011724.D
Acq: 16 Sep 2022 10:19

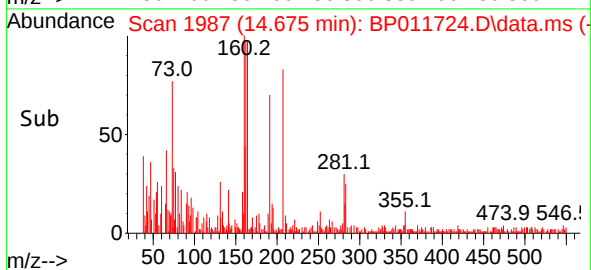
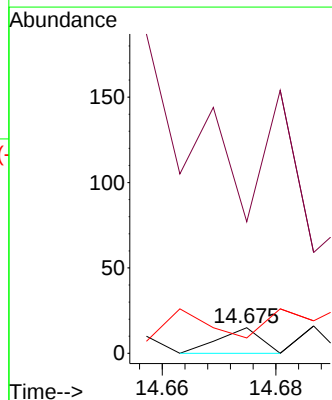
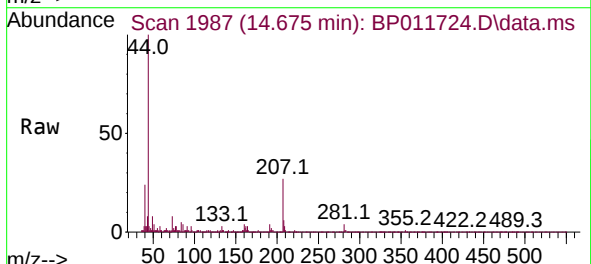
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PB147206BL

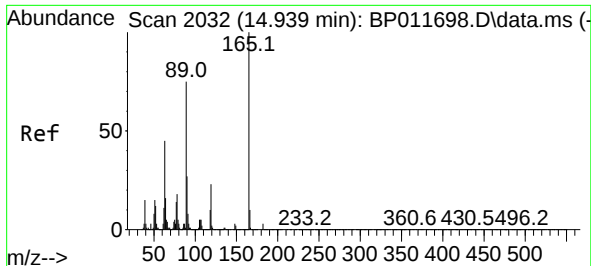
Tgt Ion:138 Resp: 22
Ion Ratio Lower Upper
138 100
108 30.4 9.5 14.3#
92 1234.8 99.9 149.9#



#54
2,4-Dinitrophenol
Concen: 6.581 ng
RT: 14.675 min Scan# 1987
Delta R.T. -0.012 min
Lab File: BP011724.D
Acq: 16 Sep 2022 10:19

Tgt Ion:184 Resp: 8
Ion Ratio Lower Upper
184 100
63 513.3 65.4 98.2#
154 60.0 55.4 83.2

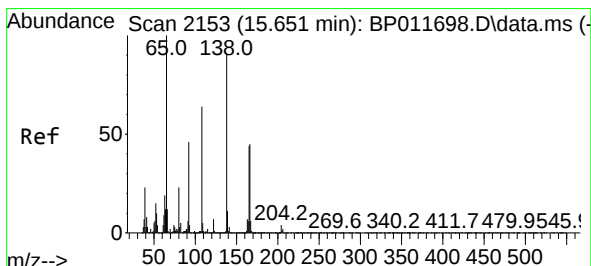
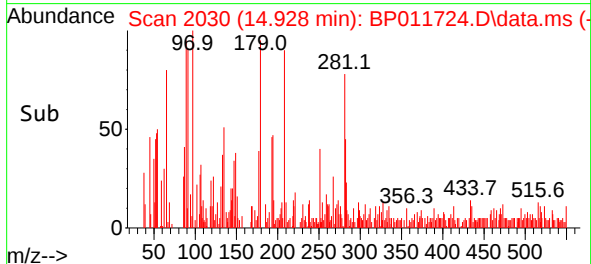
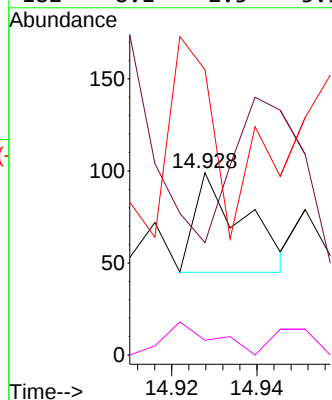
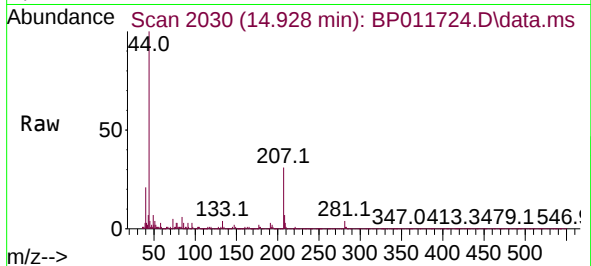




#57
2,4-Dinitrotoluene
Concen: 2.990 ng
RT: 14.928 min Scan# 2032
Delta R.T. -0.011 min
Lab File: BP011724.D
Acq: 16 Sep 2022 10:19

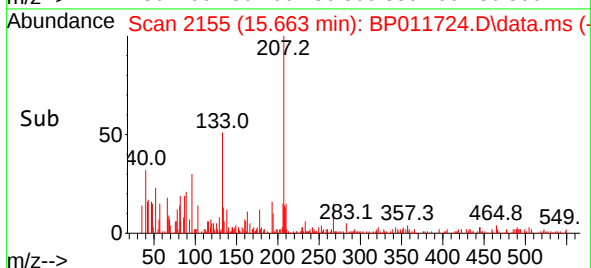
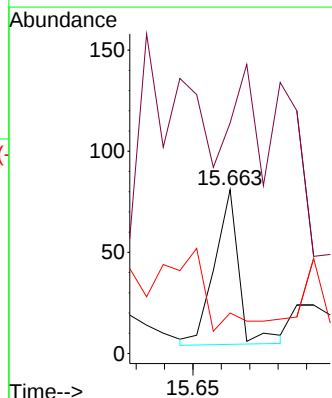
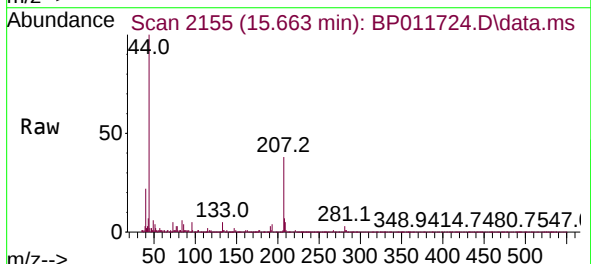
Instrument :
BNA_P
ClientSampleId :
PB147206BL

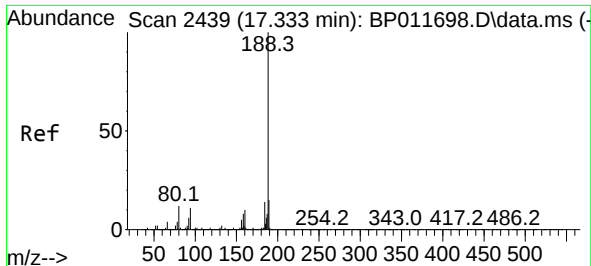
Tgt Ion:165 Resp: 43
Ion Ratio Lower Upper
165 100
63 61.6 46.2 69.2
89 156.6 65.8 98.8#
182 8.1 2.3 3.5#



#62
4-Nitroaniline
Concen: 2.730 ng
RT: 15.663 min Scan# 2155
Delta R.T. 0.012 min
Lab File: BP011724.D
Acq: 16 Sep 2022 10:19

Tgt Ion:138 Resp: 46
Ion Ratio Lower Upper
138 100
92 140.7 38.0 78.0#
108 24.7 77.6 117.6#

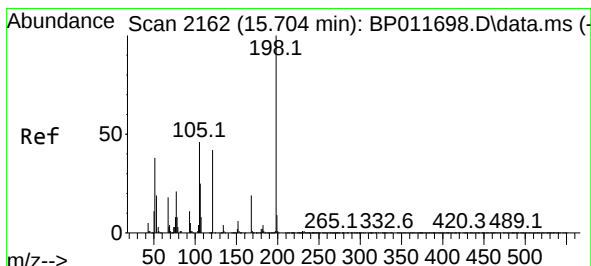
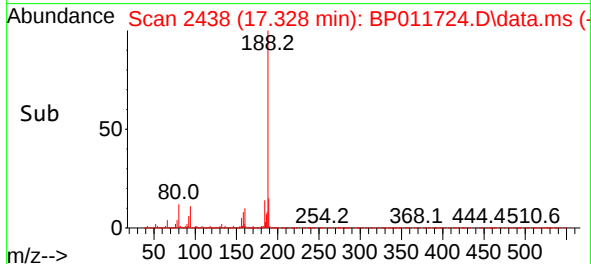
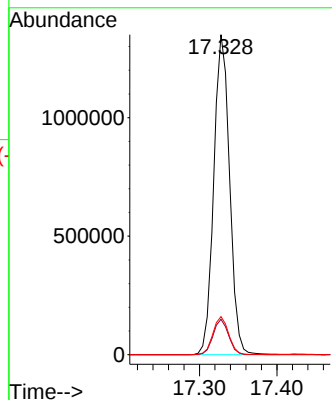
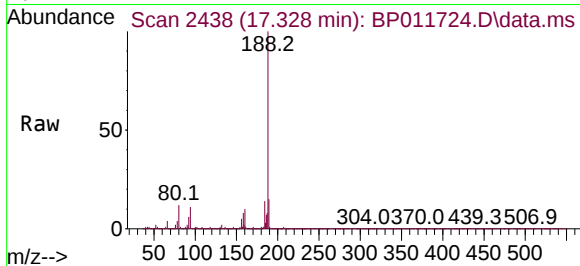




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.328 min Scan# 2439
Delta R.T. -0.005 min
Lab File: BP011724.D
Acq: 16 Sep 2022 10:19

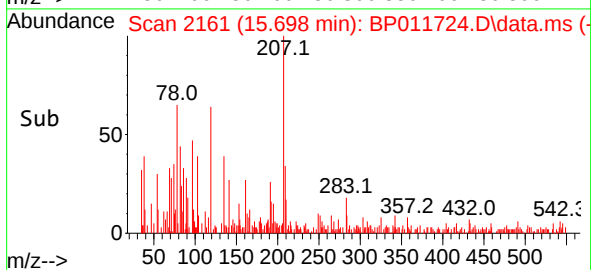
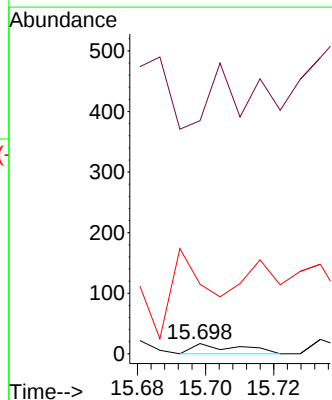
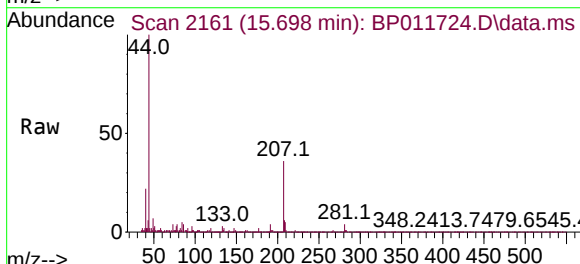
Instrument :
BNA_P
ClientSampleId :
PB147206BL

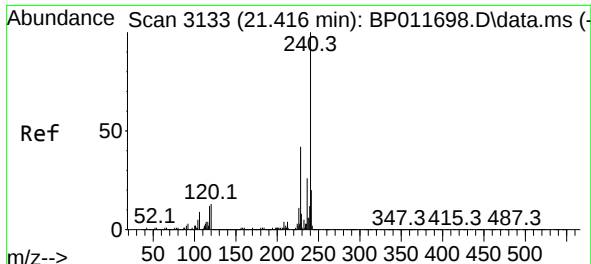
Tgt Ion:188 Resp: 1914360
Ion Ratio Lower Upper
188 100
94 11.0 6.6 10.0#
80 11.9 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 5.855 ng
RT: 15.698 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BP011724.D
Acq: 16 Sep 2022 10:19

Tgt Ion:198 Resp: 16
Ion Ratio Lower Upper
198 100
51 2264.7 41.2 81.2#
105 676.5 25.3 65.3#

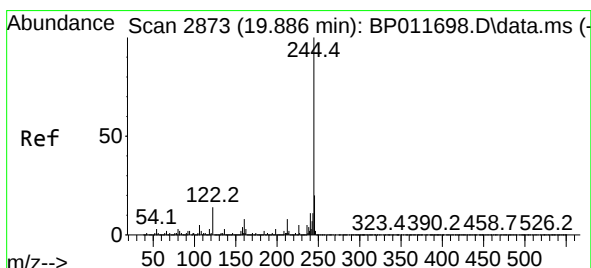
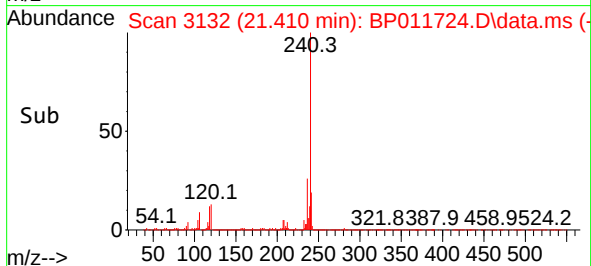
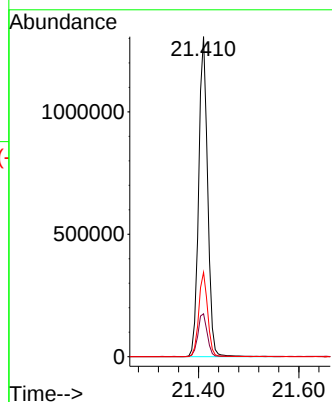
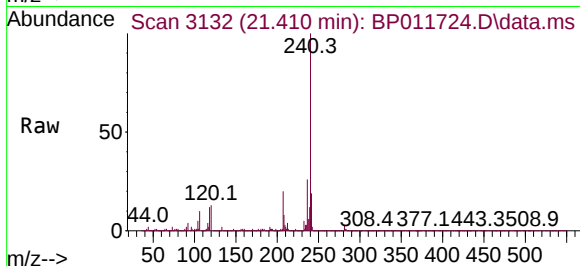




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.410 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP011724.D
Acq: 16 Sep 2022 10:19

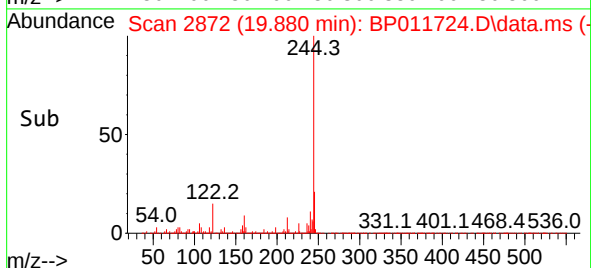
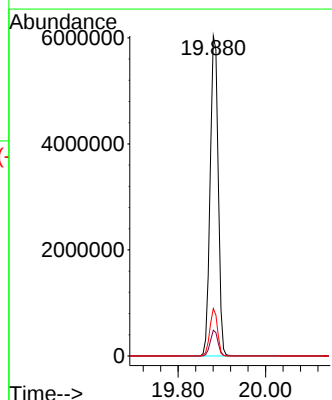
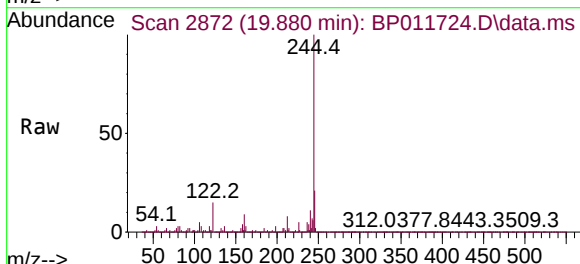
Instrument :
BNA_P
ClientSampleId :
PB147206BL

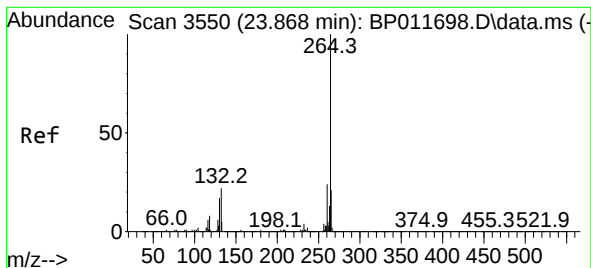
Tgt Ion:240 Resp: 1611971
Ion Ratio Lower Upper
240 100
120 13.4 8.6 12.8#
236 26.4 19.8 29.6



#79
Terphenyl-d14
Concen: 104.401 ng
RT: 19.880 min Scan# 2872
Delta R.T. -0.006 min
Lab File: BP011724.D
Acq: 16 Sep 2022 10:19

Tgt Ion:244 Resp: 7739050
Ion Ratio Lower Upper
244 100
212 8.1 5.8 8.8
122 14.8 7.6 11.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.863 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP011724.D

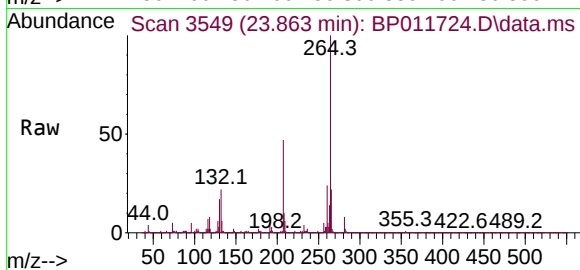
Acq: 16 Sep 2022 10:19

Instrument :

BNA_P

ClientSampleId :

PB147206BL



Tgt Ion:264 Resp: 1490363

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

265 22.2 18.0 27.0

