

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092722\
 Data File : BP011816.D
 Acq On : 27 Sep 2022 15:25
 Operator : CG/JU
 Sample : N4837-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 251563-3

Quant Time: Sep 28 02:08:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:03:33 2022
 Response via : Initial Calibration

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

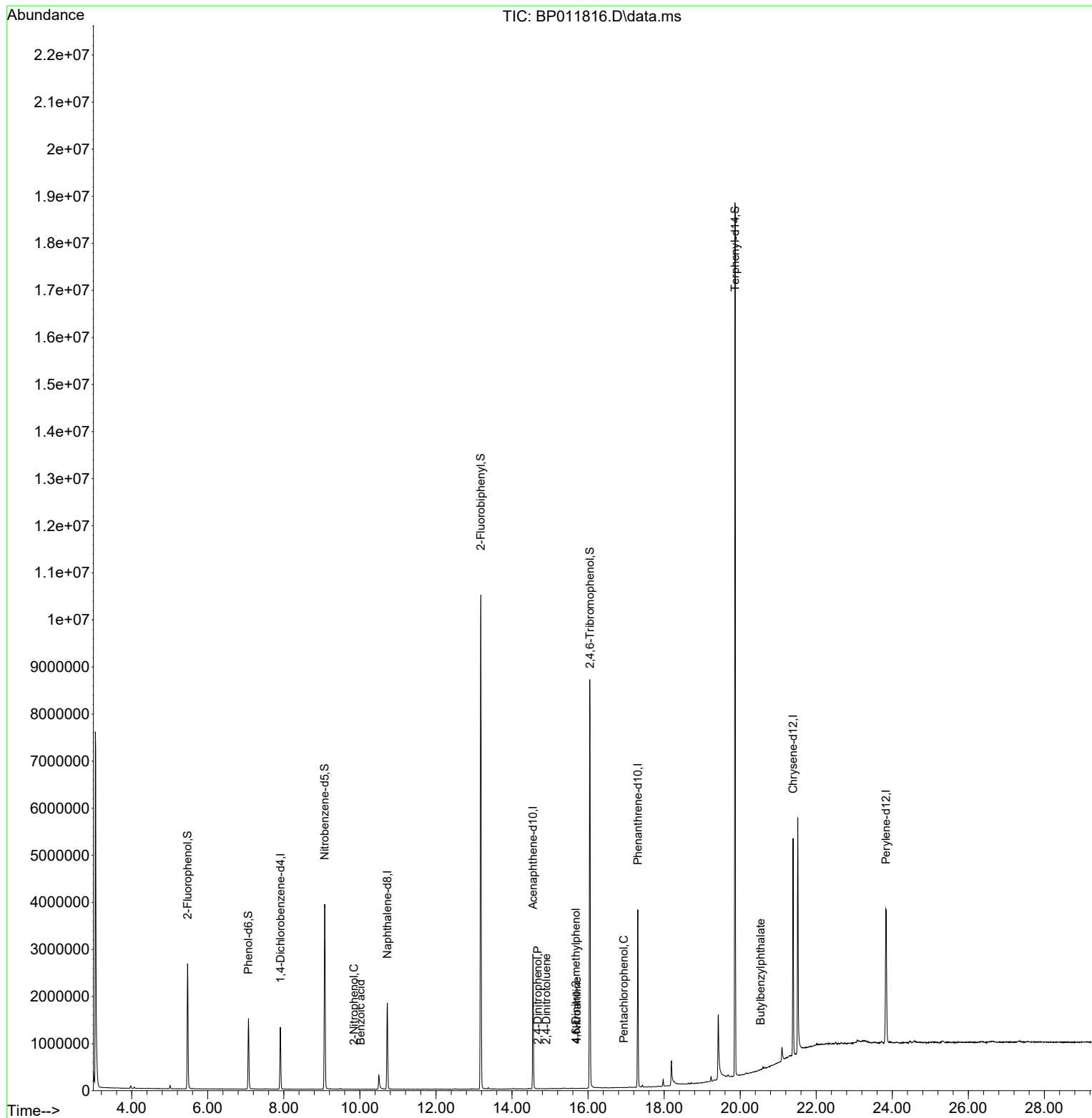
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	362019	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	1556589	20.000	ng	# 0.00
39) Acenaphthene-d10	14.551	164	993027	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	2138329	20.000	ng	0.00
76) Chrysene-d12	21.392	240	2041713	20.000	ng	0.00
86) Perylene-d12	23.833	264	2064280	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1261407	61.137	ng	0.00
7) Phenol-d6	7.069	99	922746	30.247	ng	0.00
23) Nitrobenzene-d5	9.075	82	2357608	79.275	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	1345914	201.288	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	5445148	86.714	ng	0.00
79) Terphenyl-d14	19.869	244	8533435	96.102	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.846	139	33	3.334	ng	# 1
32) Benzoic acid	10.022	122	180	6.767	ng	# 1
54) 2,4-Dinitrophenol	14.675	184	22	6.729	ng	# 1
57) 2,4-Dinitrotoluene	14.904	165	172	2.546	ng	# 50
62) 4-Nitroaniline	15.704	138	60	2.388	ng	# 80
65) 4,6-Dinitro-2-methylph...	15.681	198	7	5.621	ng	# 1
70) Pentachlorophenol	16.939	266	166	4.396	ng	# 20
80) Butylbenzylphthalate	20.539	149	788	2.694	ng	# 87

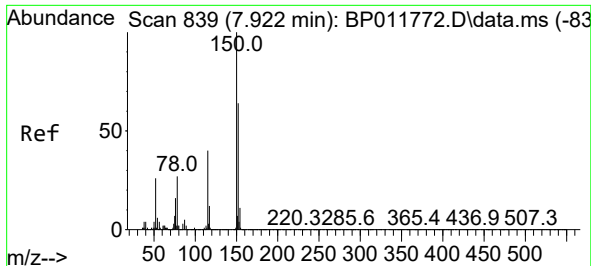
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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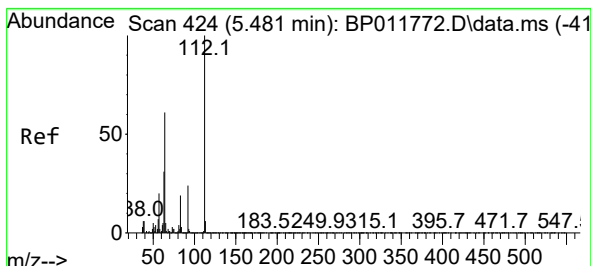
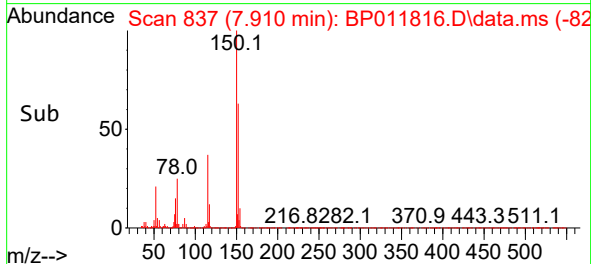
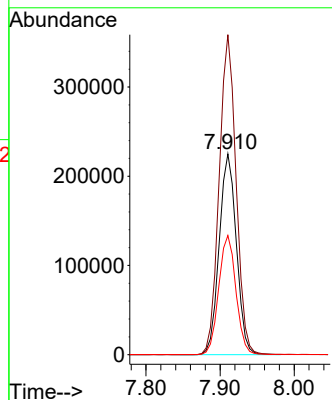
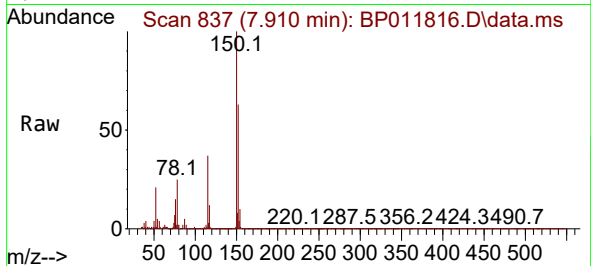




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP011816.D
Acq: 27 Sep 2022 15:25

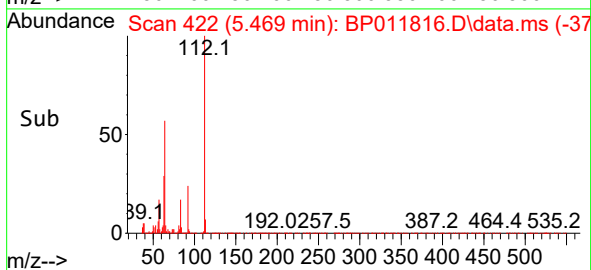
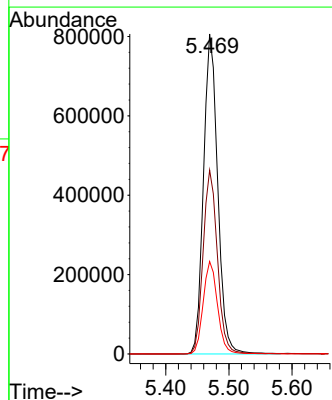
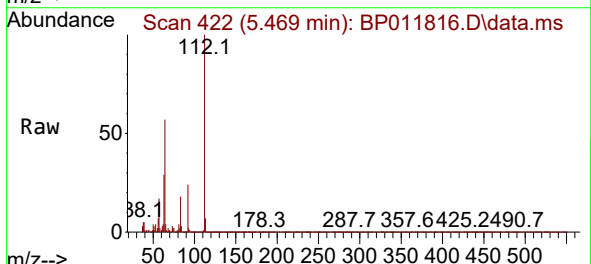
Instrument :
BNA_P
ClientSampleId :
251563-3

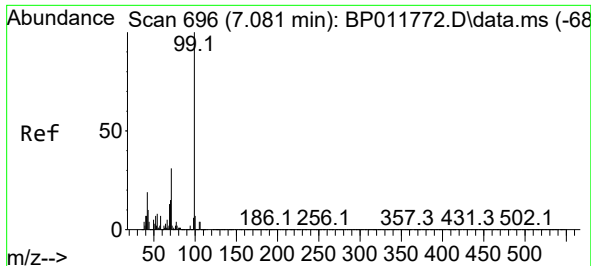
Tgt Ion:152 Resp: 362019
Ion Ratio Lower Upper
152 100
150 159.4 124.2 186.4
115 59.4 50.0 75.0



#5
2-Fluorophenol
Concen: 61.137 ng
RT: 5.469 min Scan# 422
Delta R.T. -0.000 min
Lab File: BP011816.D
Acq: 27 Sep 2022 15:25

Tgt Ion:112 Resp: 1261407
Ion Ratio Lower Upper
112 100
64 57.4 49.2 73.8
63 28.9 25.2 37.8

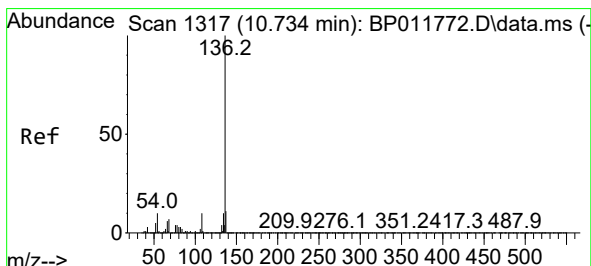
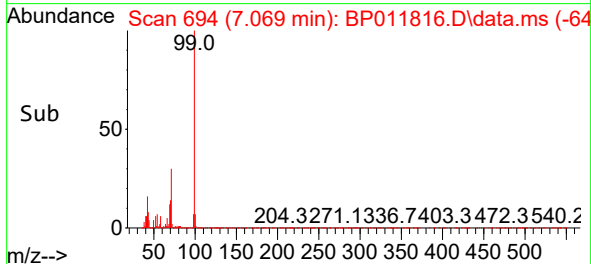
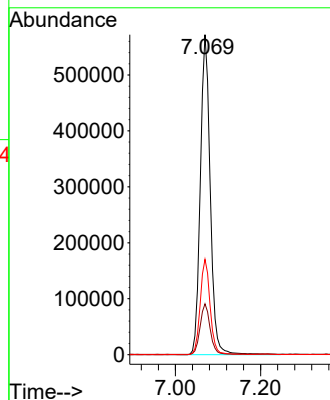
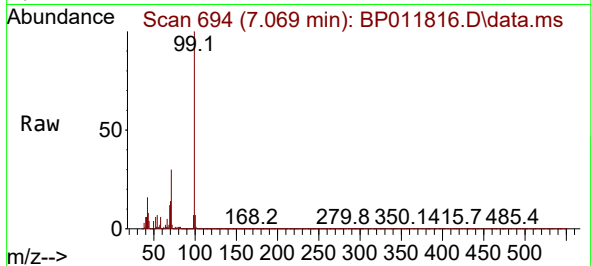




#7
Phenol-d6
Concen: 30.247 ng
RT: 7.069 min Scan# 694
Delta R.T. -0.000 min
Lab File: BP011816.D
Acq: 27 Sep 2022 15:25

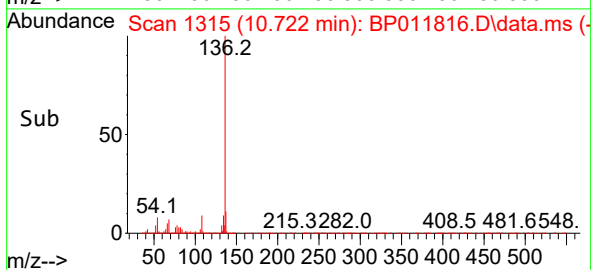
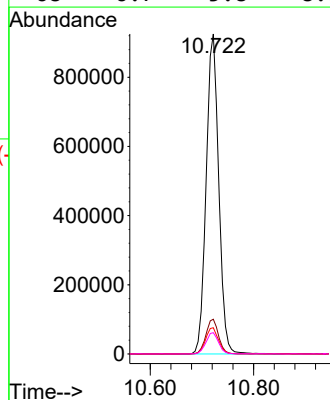
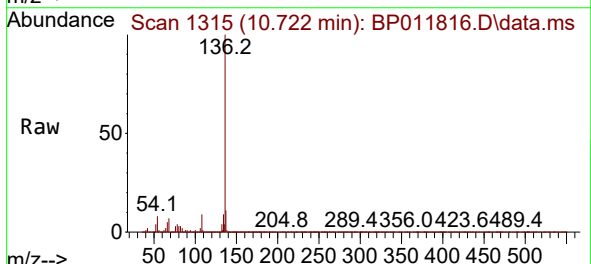
Instrument :
BNA_P
ClientSampleId :
251563-3

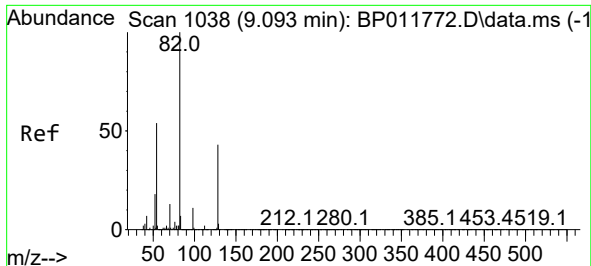
Tgt Ion: 99 Resp: 922746
Ion Ratio Lower Upper
99 100
42 15.9 15.4 23.2
71 29.8 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BP011816.D
Acq: 27 Sep 2022 15:25

Tgt Ion: 136 Resp: 1556589
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.2 8.2 12.4#
68 6.7 5.8 8.8

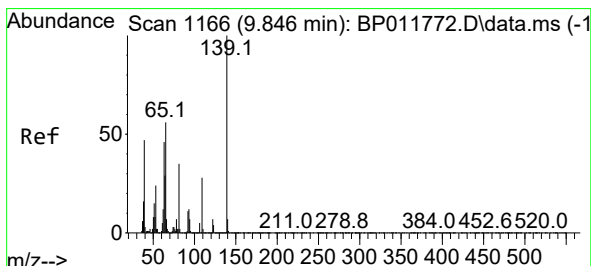
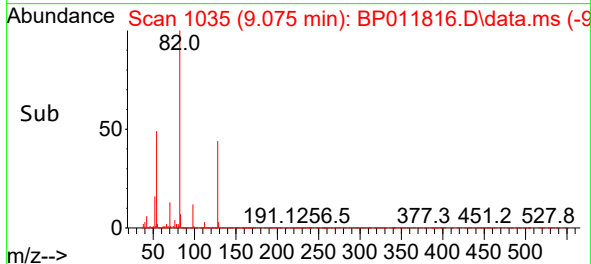
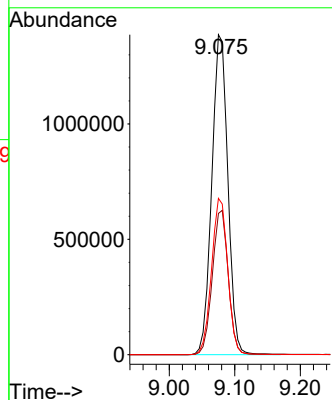
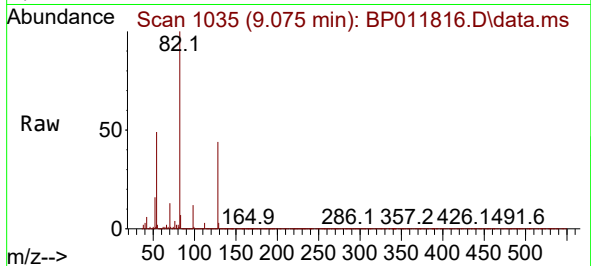




#23
Nitrobenzene-d5
Concen: 79.275 ng
RT: 9.075 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BP011816.D
Acq: 27 Sep 2022 15:25

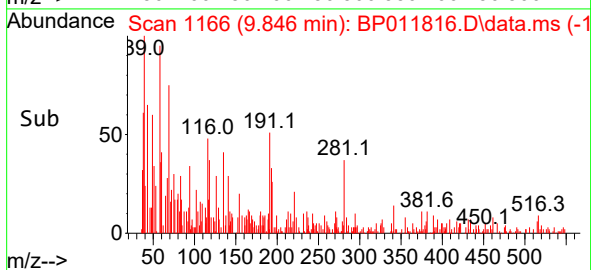
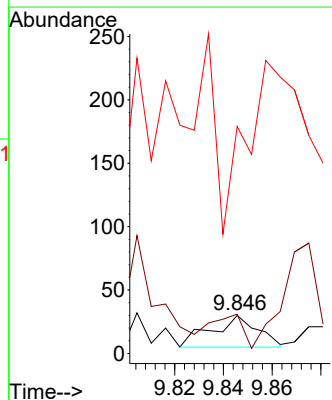
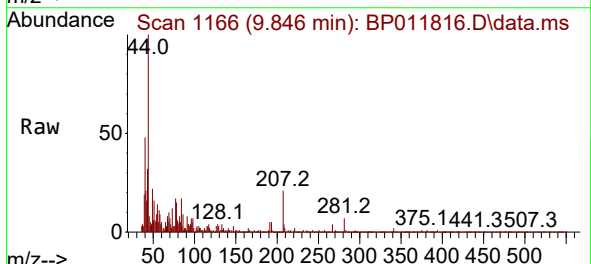
Instrument :
BNA_P
ClientSampleId :
251563-3

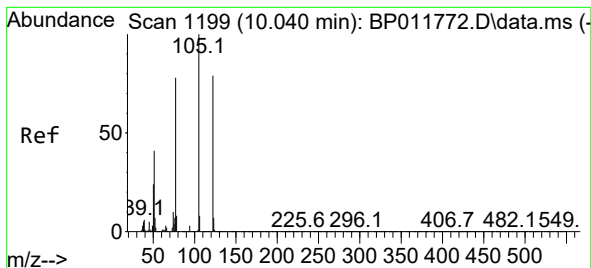
Tgt Ion: 82 Resp: 2357608
Ion Ratio Lower Upper
82 100
128 44.2 34.2 51.4
54 48.8 43.1 64.7



#26
2-Nitrophenol
Concen: 3.334 ng
RT: 9.846 min Scan# 1166
Delta R.T. 0.012 min
Lab File: BP011816.D
Acq: 27 Sep 2022 15:25

Tgt Ion:139 Resp: 33
Ion Ratio Lower Upper
139 100
109 103.3 22.6 34.0#
65 596.7 44.7 67.1#

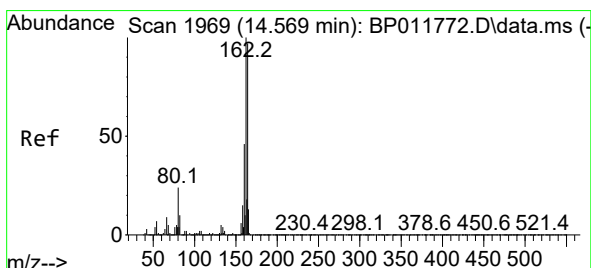
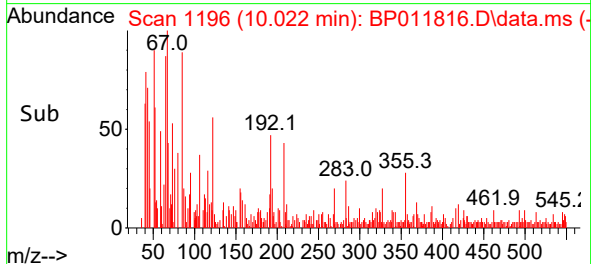
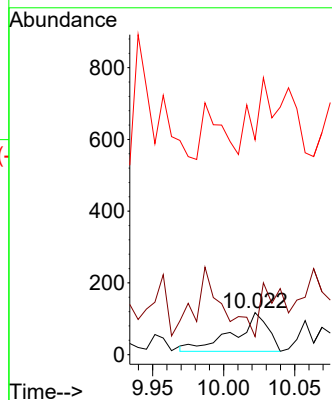
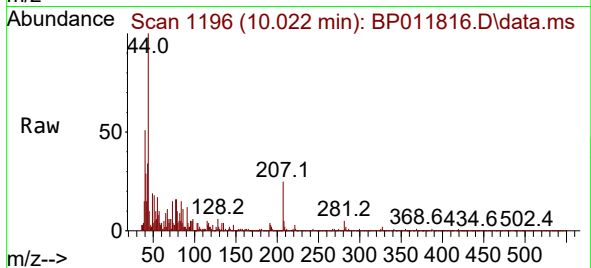




#32
Benzoic acid
Concen: 6.767 ng
RT: 10.022 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BP011816.D
Acq: 27 Sep 2022 15:25

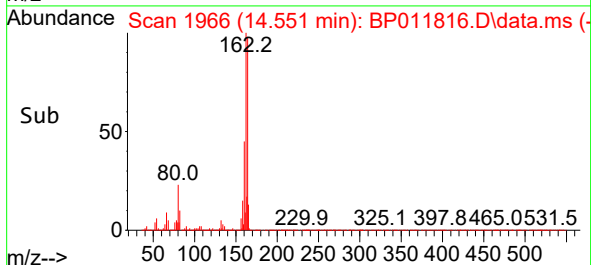
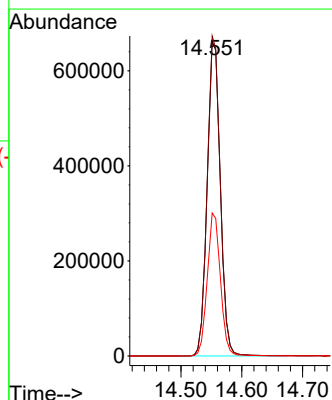
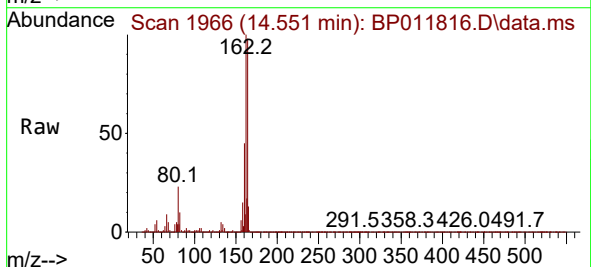
Instrument :
BNA_P
ClientSampleId :
251563-3

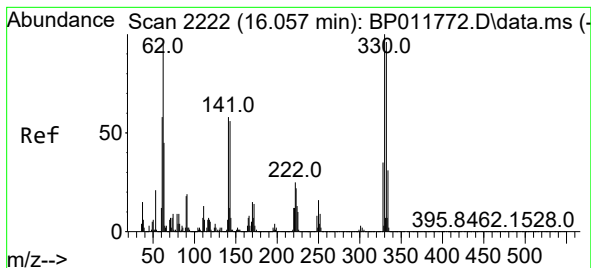
Tgt Ion:122 Resp: 180
Ion Ratio Lower Upper
122 100
105 42.7 101.0 141.0#
77 512.0 75.9 115.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP011816.D
Acq: 27 Sep 2022 15:25

Tgt Ion:164 Resp: 993027
Ion Ratio Lower Upper
164 100
162 101.6 82.5 123.7
160 45.4 37.8 56.6





#42

2,4,6-Tribromophenol

Concen: 201.288 ng

RT: 16.051 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP011816.D

Acq: 27 Sep 2022 15:25

Instrument :

BNA_P

ClientSampleId :

251563-3

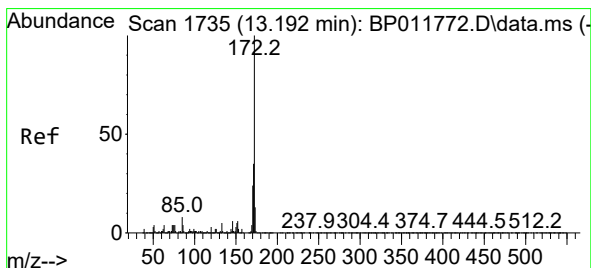
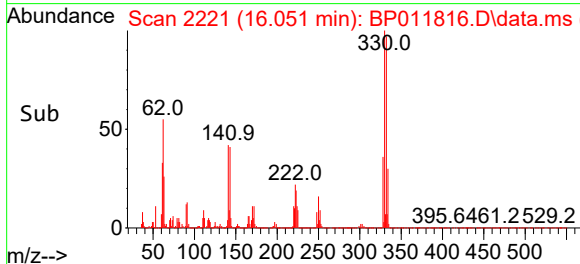
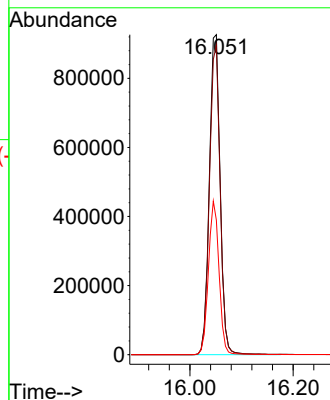
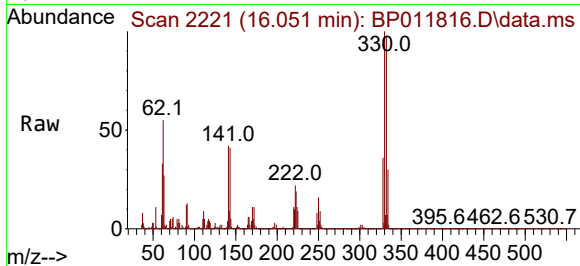
Tgt Ion:330 Resp: 1345914

Ion Ratio Lower Upper

330 100

332 95.8 76.6 114.8

141 47.1 48.7 73.1#



#45

2-Fluorobiphenyl

Concen: 86.714 ng

RT: 13.181 min Scan# 1733

Delta R.T. -0.000 min

Lab File: BP011816.D

Acq: 27 Sep 2022 15:25

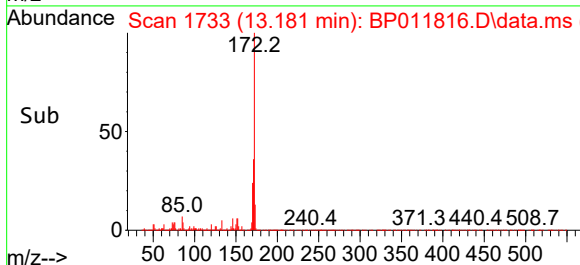
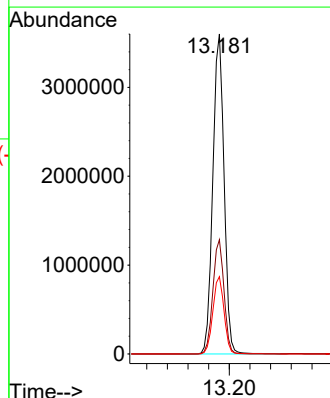
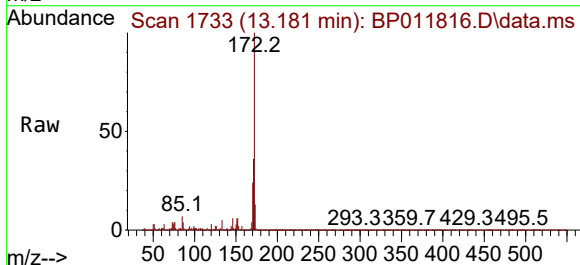
Tgt Ion:172 Resp: 5445148

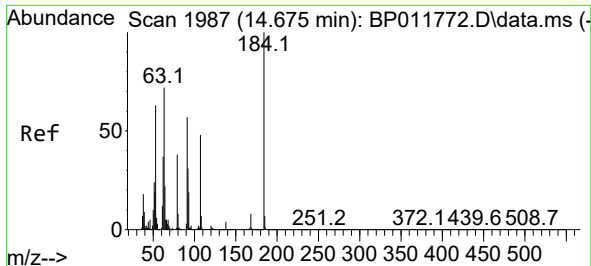
Ion Ratio Lower Upper

172 100

171 35.7 27.9 41.9

170 24.2 19.5 29.3

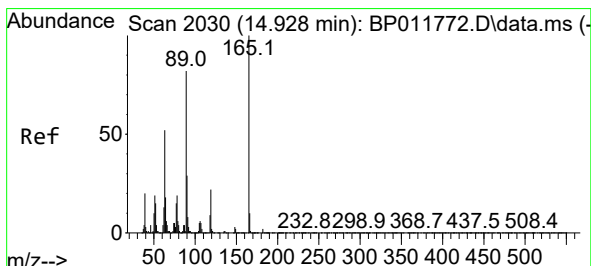
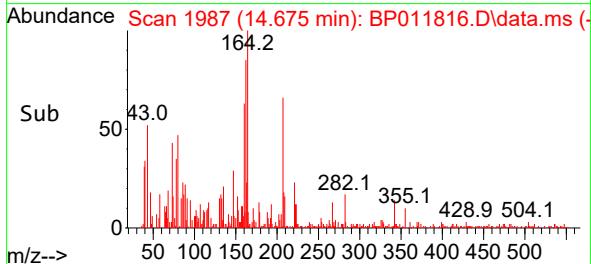
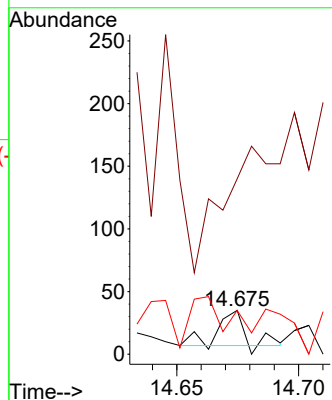
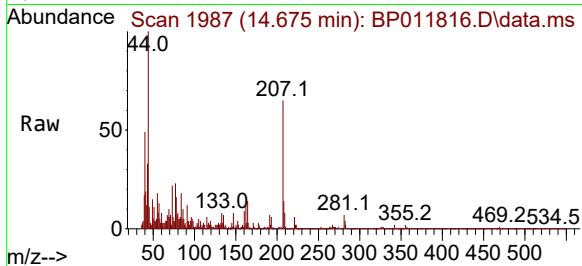




#54
2,4-Dinitrophenol
Concen: 6.729 ng
RT: 14.675 min Scan# 1987
Delta R.T. 0.012 min
Lab File: BP011816.D
Acq: 27 Sep 2022 15:25

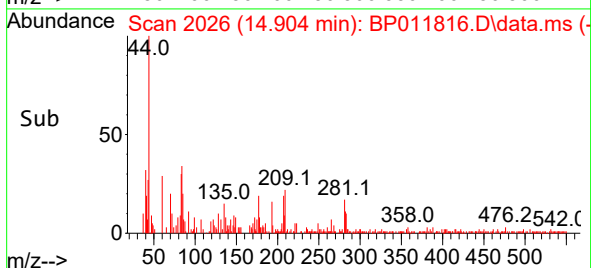
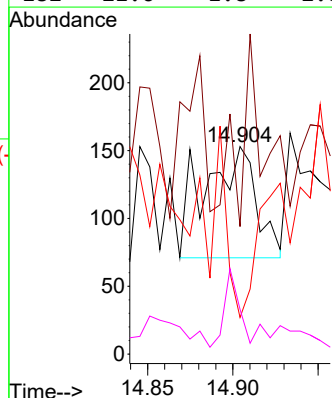
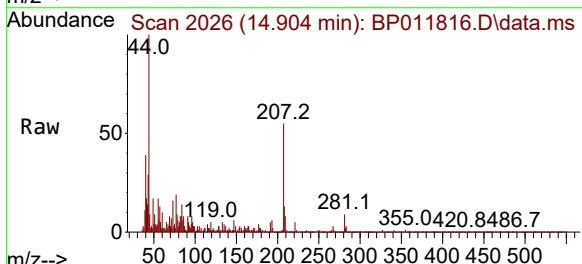
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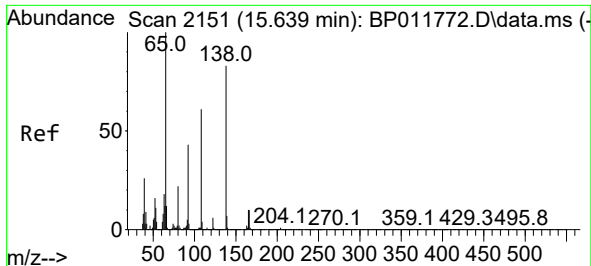
Tgt Ion:184 Resp: 22
Ion Ratio Lower Upper
184 100
63 400.0 65.7 98.5#
154 145.7 48.2 72.4#



#57
2,4-Dinitrotoluene
Concen: 2.546 ng
RT: 14.904 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BP011816.D
Acq: 27 Sep 2022 15:25

Tgt Ion:165 Resp: 172
Ion Ratio Lower Upper
165 100
63 61.4 41.4 62.2
89 17.6 66.0 99.0#
182 21.6 1.8 2.8#

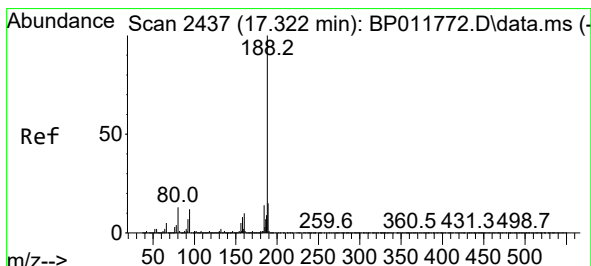
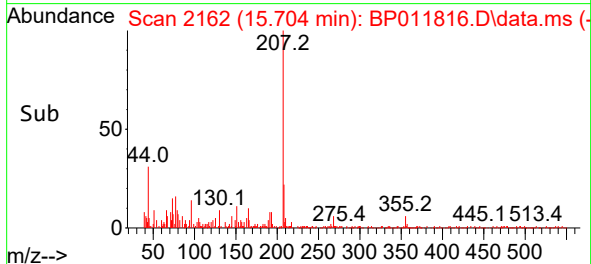
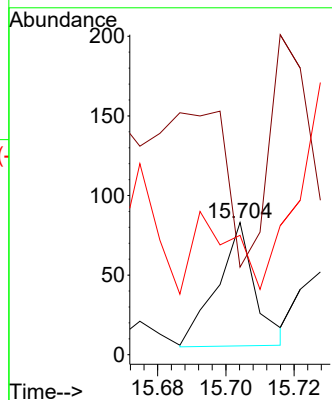
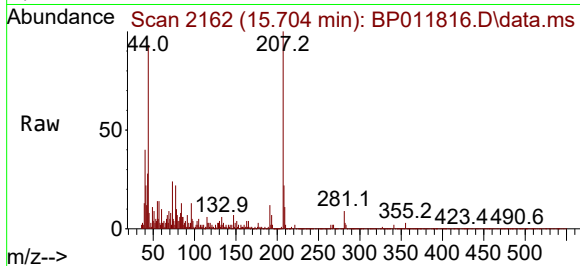




#62
4-Nitroaniline
Concen: 2.388 ng
RT: 15.704 min Scan# 2151
Delta R.T. 0.076 min
Lab File: BP011816.D
Acq: 27 Sep 2022 15:25

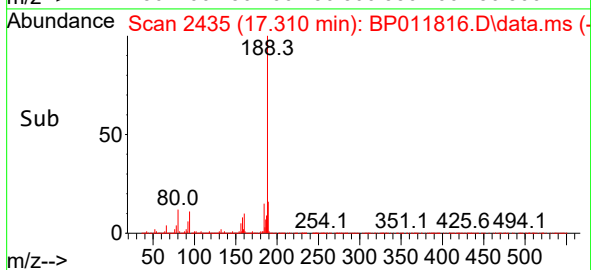
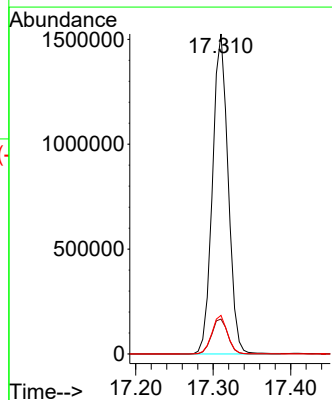
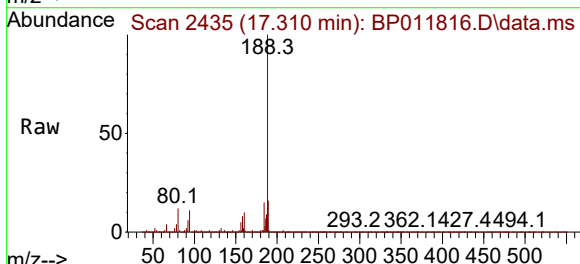
Instrument :
BNA_P
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251563-3

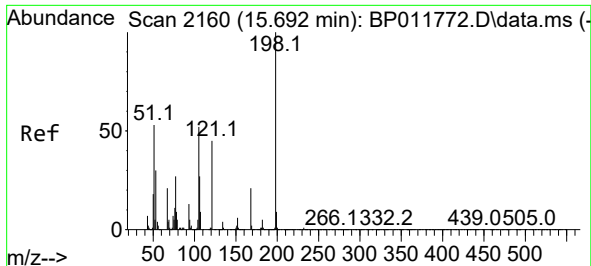
Tgt Ion:138	Resp:	60
Ion Ratio	Lower	Upper
138	100	
92	66.3	31.9 71.9
108	90.4	53.3 93.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BP011816.D
Acq: 27 Sep 2022 15:25

Tgt Ion:188	Resp:	2138329
Ion Ratio	Lower	Upper
188	100	
94	10.9	9.4 14.0
80	12.0	10.6 15.8

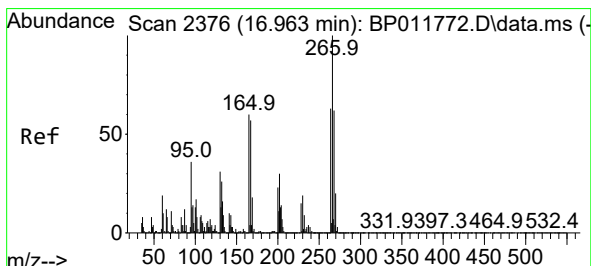
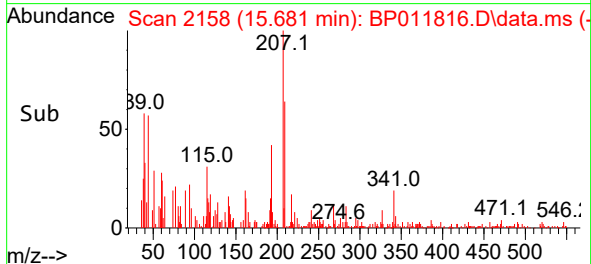
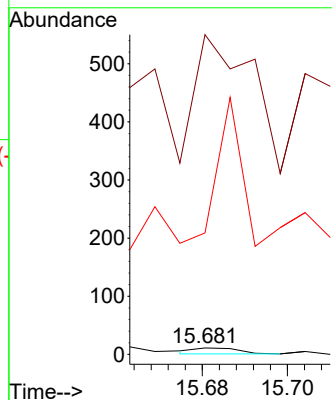
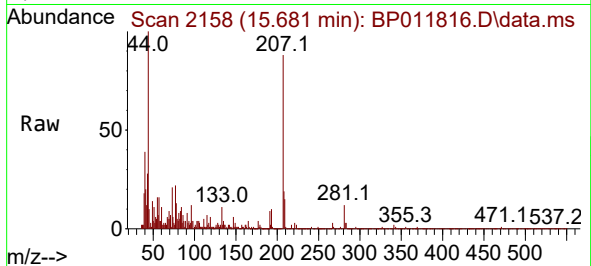




#65
4,6-Dinitro-2-methylphenol
Concen: 5.621 ng
RT: 15.681 min Scan# 2160
Delta R.T. -0.000 min
Lab File: BP011816.D
Acq: 27 Sep 2022 15:25

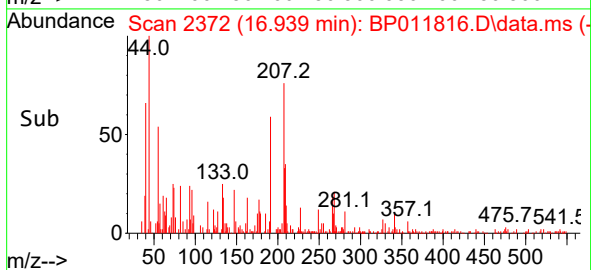
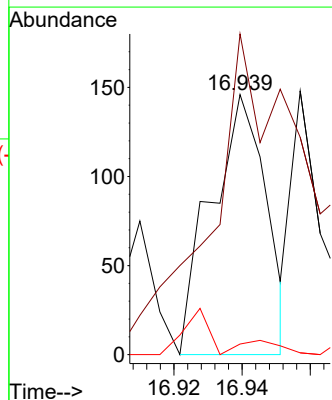
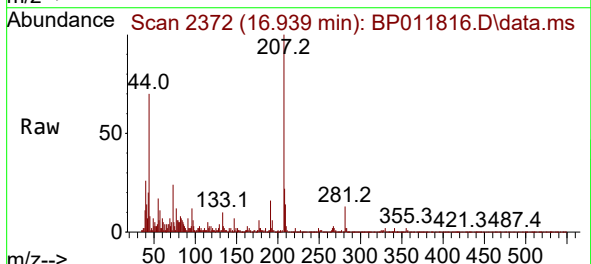
Instrument :
BNA_P
ClientSampleId :
251563-3

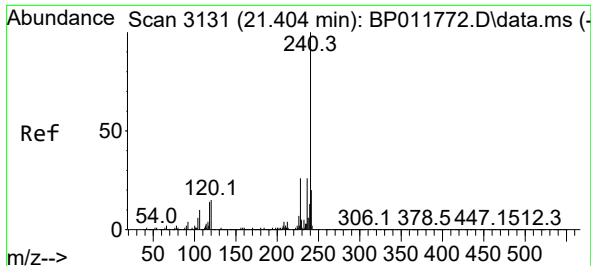
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 5000.0 41.6 81.6#
105 1900.0 33.2 73.2#



#70
Pentachlorophenol
Concen: 4.396 ng
RT: 16.939 min Scan# 2372
Delta R.T. -0.018 min
Lab File: BP011816.D
Acq: 27 Sep 2022 15:25

Tgt Ion:266 Resp: 166
Ion Ratio Lower Upper
266 100
268 126.0 49.7 74.5#
264 4.1 50.6 75.8#

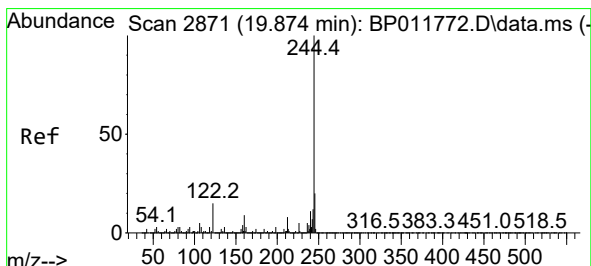
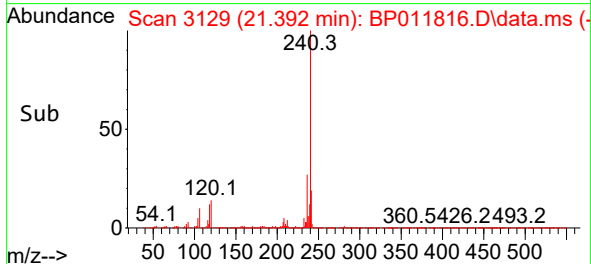
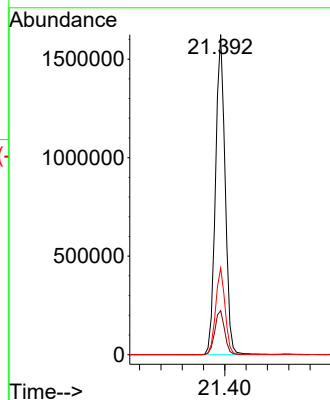
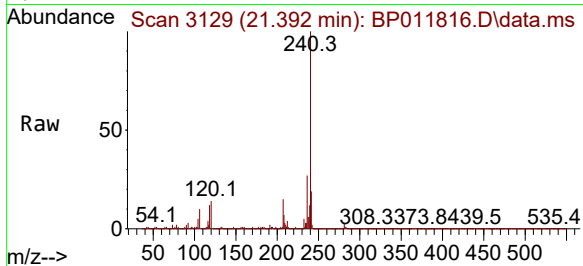




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP011816.D
Acq: 27 Sep 2022 15:25

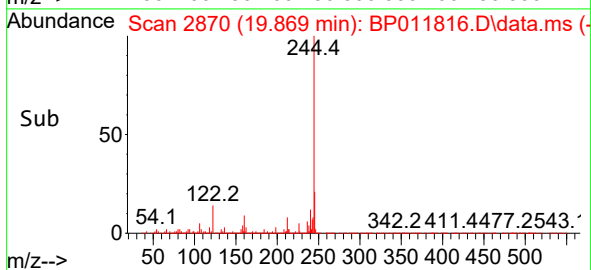
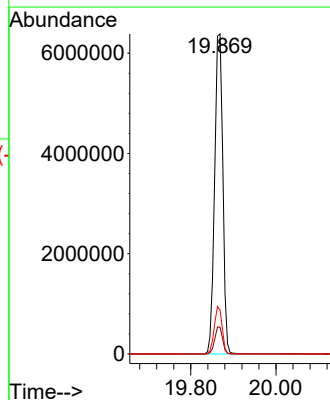
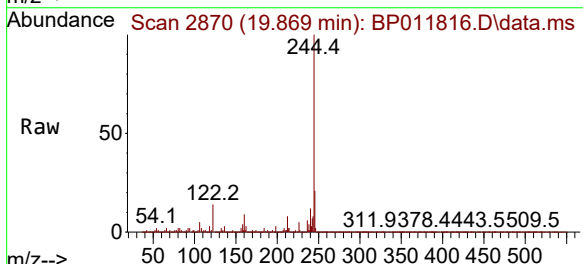
Instrument :
BNA_P
ClientSampleId :
251563-3

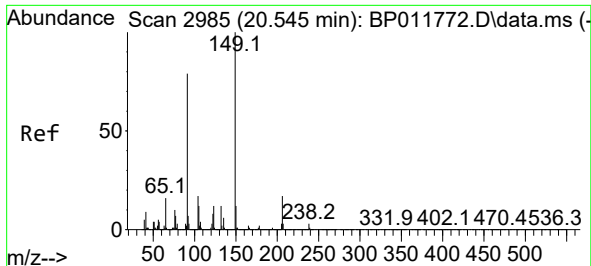
Tgt Ion:240 Resp: 2041713
Ion Ratio Lower Upper
240 100
120 13.7 12.0 18.0
236 27.0 21.1 31.7



#79
Terphenyl-d14
Concen: 96.102 ng
RT: 19.869 min Scan# 2870
Delta R.T. -0.000 min
Lab File: BP011816.D
Acq: 27 Sep 2022 15:25

Tgt Ion:244 Resp: 8533435
Ion Ratio Lower Upper
244 100
212 8.4 6.5 9.7
122 13.8 11.8 17.8

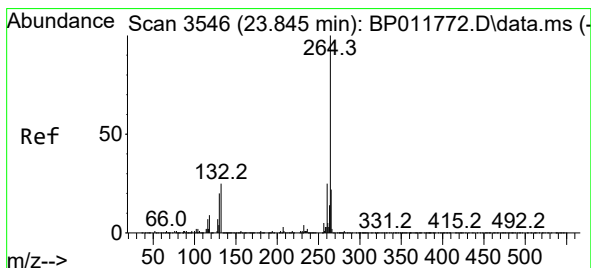
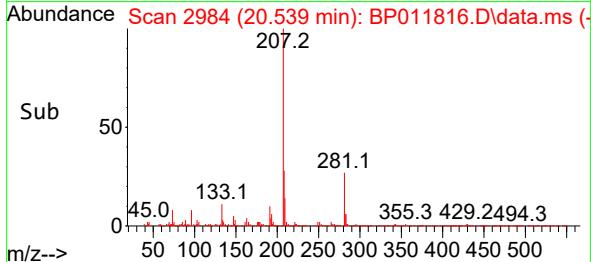
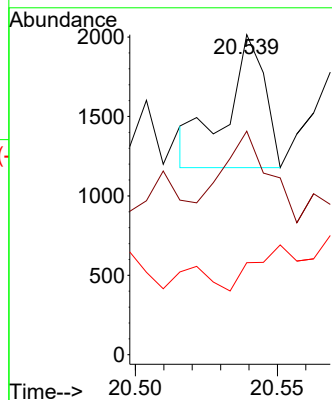
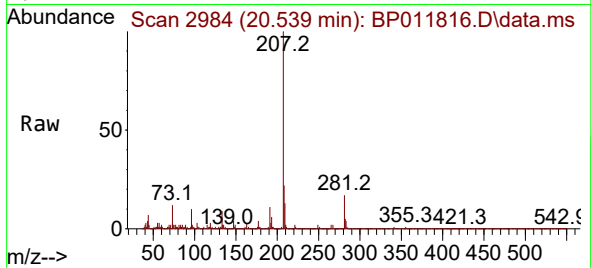




#80
Butylbenzylphthalate
Concen: 2.694 ng
RT: 20.539 min Scan# 2985
Delta R.T. -0.000 min
Lab File: BP011816.D
Acq: 27 Sep 2022 15:25

Instrument :
BNA_P
ClientSampleId :
251563-3

Tgt Ion:149 Resp: 788
Ion Ratio Lower Upper
149 100
91 69.9 63.1 94.7
206 28.8 13.6 20.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.833 min Scan# 3544
Delta R.T. -0.006 min
Lab File: BP011816.D
Acq: 27 Sep 2022 15:25

Tgt Ion:264 Resp: 2064280
Ion Ratio Lower Upper
264 100
260 24.9 19.7 29.5
265 22.3 17.8 26.8

