

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112322\
 Data File : BP012705.D
 Acq On : 23 Nov 2022 11:06
 Operator : CG/JU
 Sample : PB149242BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB149242BL

Quant Time: Nov 24 02:25:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 00:38:14 2022
 Response via : Initial Calibration

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

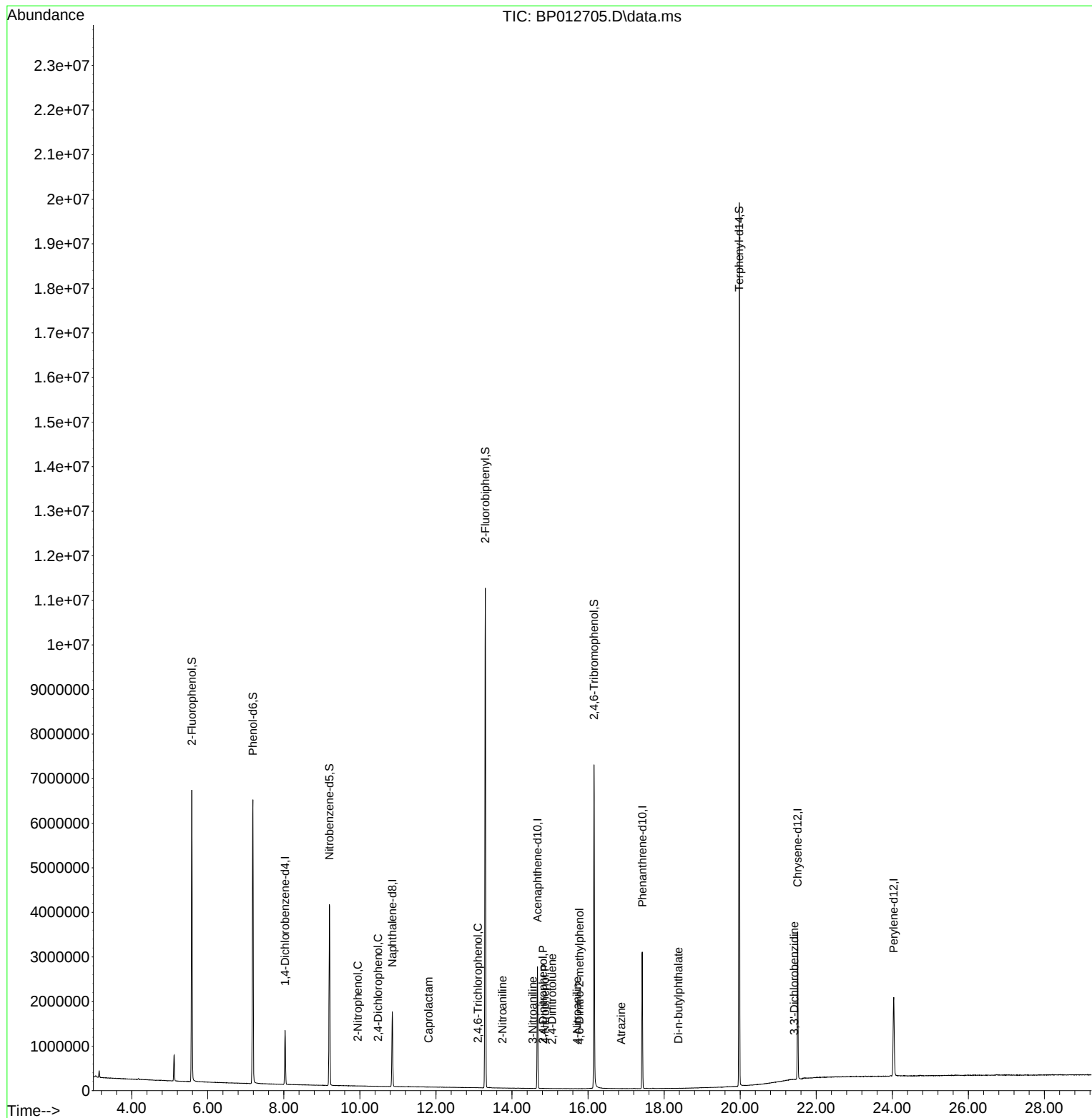
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	325711	20.000	ng	0.00
21) Naphthalene-d8	10.851	136	1377434	20.000	ng	0.00
39) Acenaphthene-d10	14.669	164	861573	20.000	ng	0.00
64) Phenanthrene-d10	17.428	188	1845452	20.000	ng	0.00
76) Chrysene-d12	21.510	240	1582993	20.000	ng	0.00
86) Perylene-d12	24.039	264	1341732	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	2744605	182.555	ng	0.00
7) Phenol-d6	7.187	99	3637097	168.687	ng	0.00
23) Nitrobenzene-d5	9.199	82	2336207	94.590	ng	0.00
42) 2,4,6-Tribromophenol	16.157	330	1331479	120.633	ng	0.00
45) 2-Fluorobiphenyl	13.298	172	5800575	95.916	ng	0.00
79) Terphenyl-d14	19.974	244	9272263	124.492	ng	0.00
Target Compounds					Qvalue	
9) Benzaldehyde	7.187	77	6577	Below Cal	#	3
26) 2-Nitrophenol	9.946	139	11	4.409 ng	#	89
29) 2,4-Dichlorophenol	10.481	162	20	2.206 ng	#	17
32) Benzoic acid	10.134	122	14	Below Cal	#	1
35) Caprolactam	11.804	113	20	2.746 ng	#	47
43) 2,4,6-Trichlorophenol	13.104	196	26	4.184 ng	#	46
48) 2-Nitroaniline	13.751	65	34	4.809 ng	#	47
53) 3-Nitroaniline	14.545	138	40	3.679 ng	#	10
54) 2,4-Dinitrophenol	14.816	184	10	3.022 ng		86
56) 4-Nitrophenol	14.863	139	14	5.701 ng	#	1
57) 2,4-Dinitrotoluene	15.051	165	14	3.554 ng	#	1
62) 4-Nitroaniline	15.710	138	26	4.609 ng		78
65) 4,6-Dinitro-2-methylph...	15.775	198	14	3.684 ng	#	1
69) Atrazine	16.869	200	26	4.028 ng		82
74) Di-n-butylphthalate	18.380	149	653	5.707 ng	#	68
80) Butylbenzylphthalate	20.663	149	285	Below Cal	#	43
82) 3,3'-Dichlorobenzidine	21.421	252	171	8.622 ng	#	32
84) Bis(2-ethylhexyl)phtha...	21.421	149	138	Below Cal	#	77
85) Di-n-octyl phthalate	22.421	149	336	Below Cal	#	62

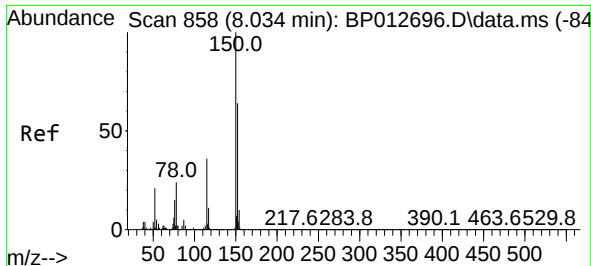
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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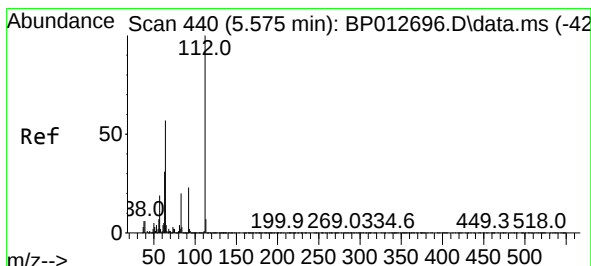
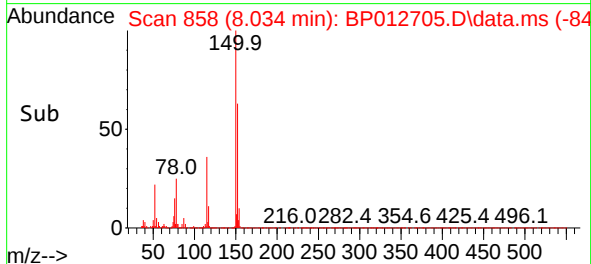
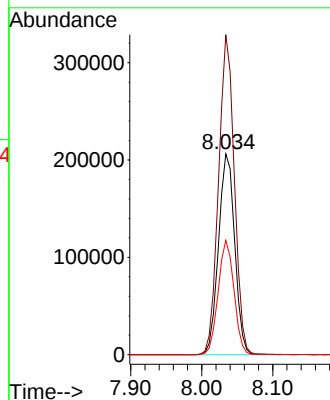
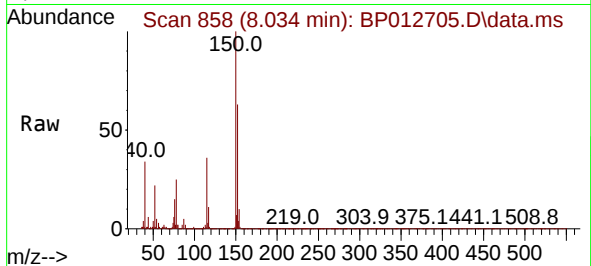




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.034 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP012705.D
Acq: 23 Nov 2022 11:06

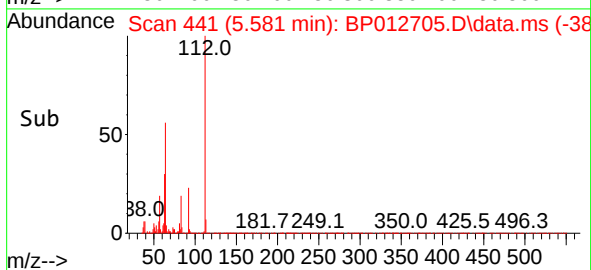
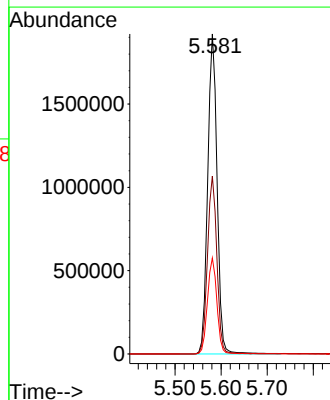
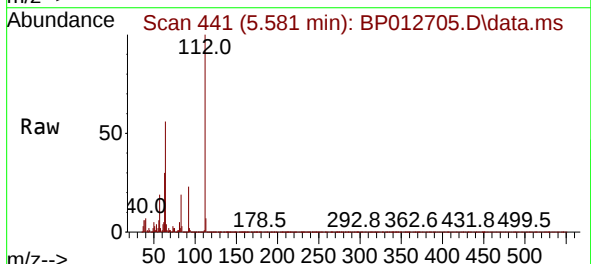
Instrument :
BNA_P
ClientSampleId :
PB149242BL

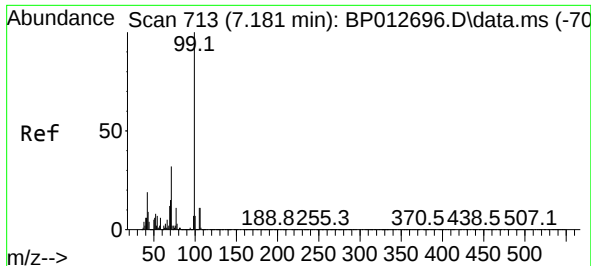
Tgt Ion:152 Resp: 325711
Ion Ratio Lower Upper
152 100
150 159.4 126.0 189.0
115 57.0 44.9 67.3



#5
2-Fluorophenol
Concen: 182.555 ng
RT: 5.581 min Scan# 441
Delta R.T. 0.006 min
Lab File: BP012705.D
Acq: 23 Nov 2022 11:06

Tgt Ion:112 Resp: 2744605
Ion Ratio Lower Upper
112 100
64 55.6 45.4 68.0
63 30.0 24.6 37.0

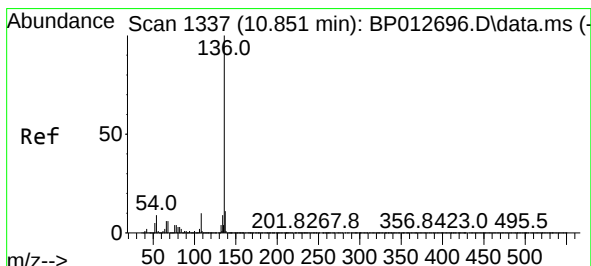
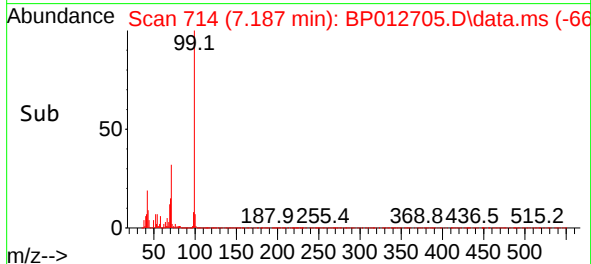
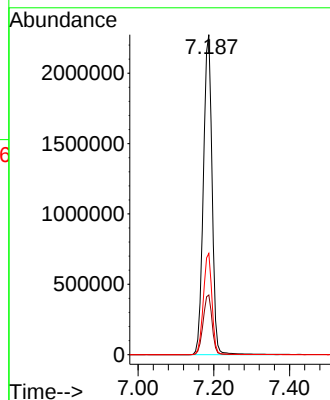
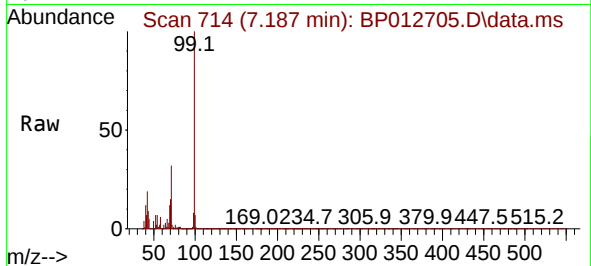




#7
Phenol-d6
Concen: 168.687 ng
RT: 7.187 min Scan# 713
Delta R.T. 0.006 min
Lab File: BP012705.D
Acq: 23 Nov 2022 11:06

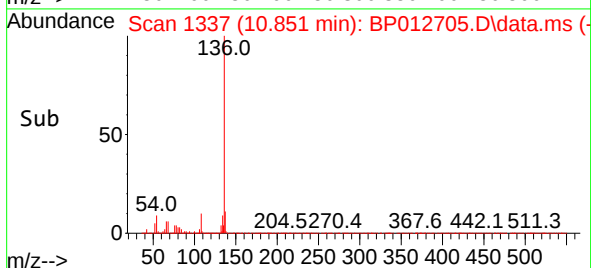
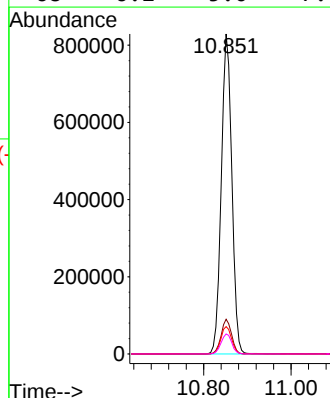
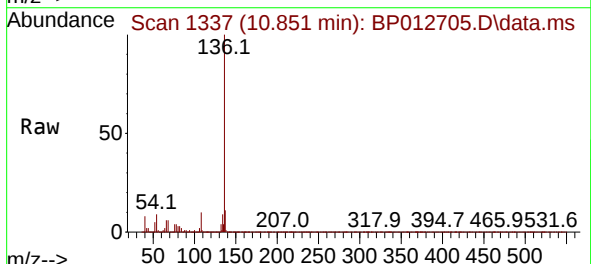
Instrument :
BNA_P
ClientSampleId :
PB149242BL

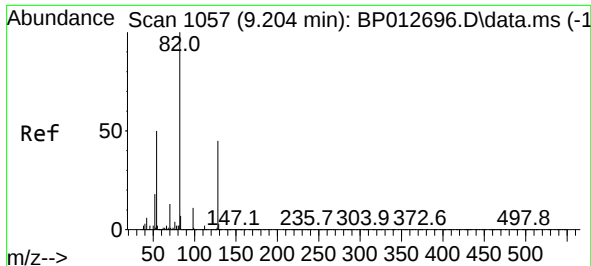
Tgt Ion: 99 Resp: 3637097
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.6
71 31.7 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.851 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BP012705.D
Acq: 23 Nov 2022 11:06

Tgt Ion:136 Resp: 1377434
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 8.6 6.9 10.3
68 6.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 94.590 ng

RT: 9.199 min Scan# 1105

Delta R.T. -0.006 min

Lab File: BP012705.D

Acq: 23 Nov 2022 11:06

Instrument :

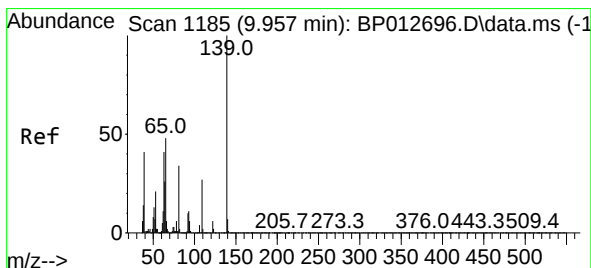
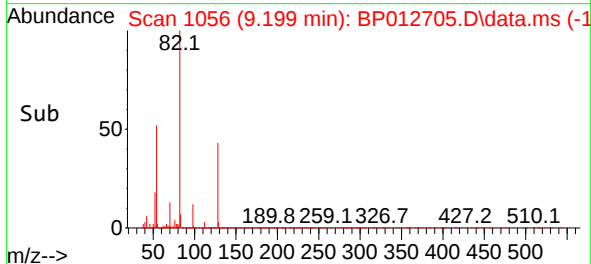
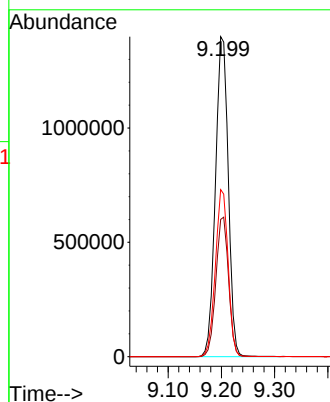
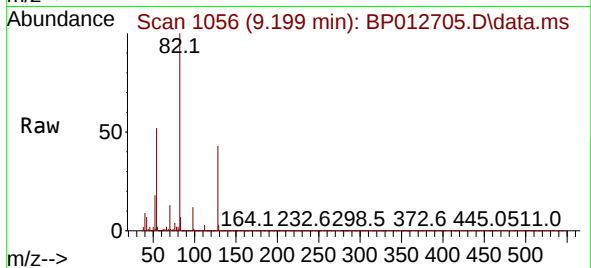
BNA_P

ClientSampleId :

PB149242BL

Tgt Ion: 82 Resp: 2336207

Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.6	53.4
54	52.2	40.3	60.5



#26

2-Nitrophenol

Concen: 4.409 ng

RT: 9.946 min Scan# 1183

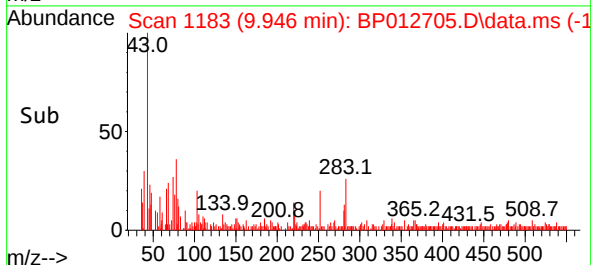
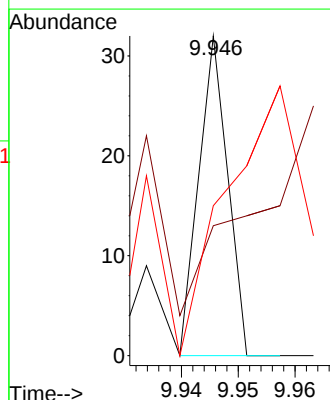
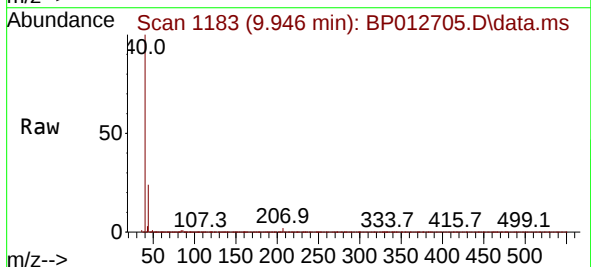
Delta R.T. -0.011 min

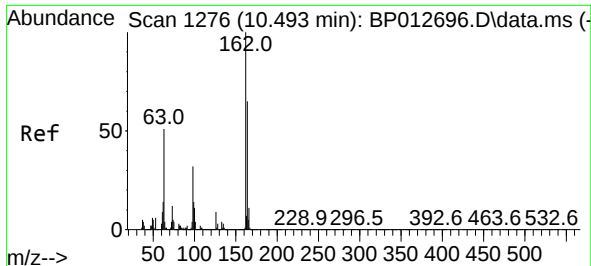
Lab File: BP012705.D

Acq: 23 Nov 2022 11:06

Tgt Ion: 139 Resp: 11

Ion	Ratio	Lower	Upper
139	100		
109	40.6	21.5	32.3#
65	46.9	38.3	57.5

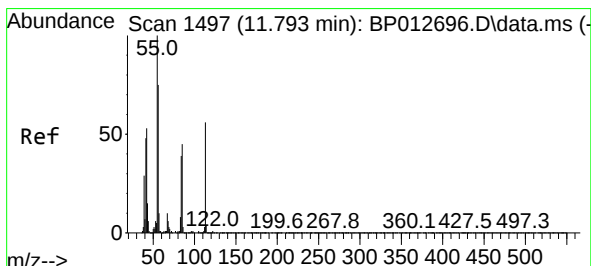
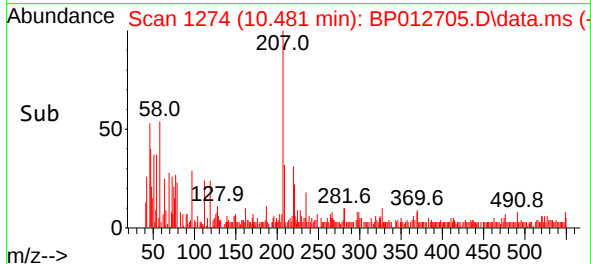
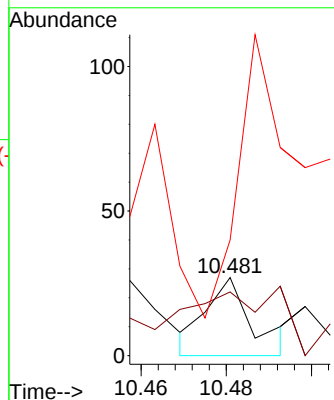
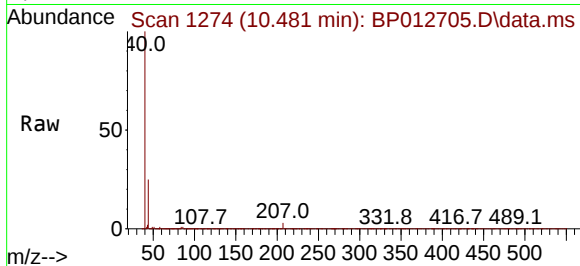




#29
2,4-Dichlorophenol
Concen: 2.206 ng
RT: 10.481 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP012705.D
Acq: 23 Nov 2022 11:06

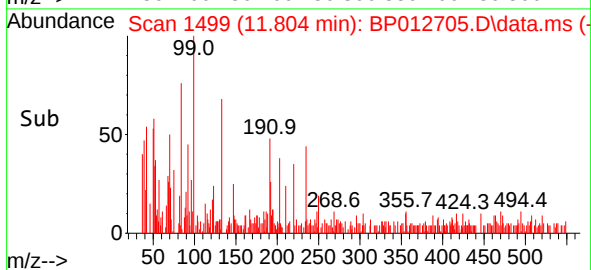
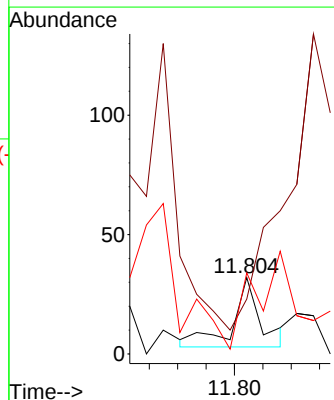
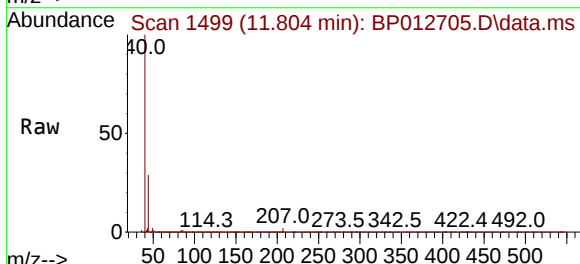
Instrument :
BNA_P
ClientSampleId :
PB149242BL

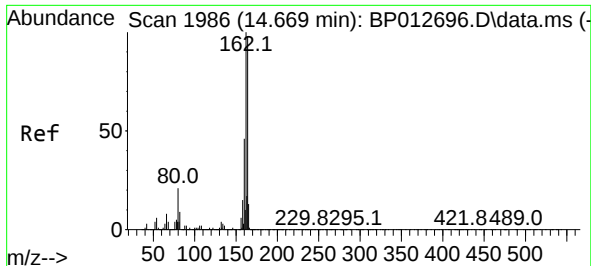
Tgt Ion:162 Resp: 20
Ion Ratio Lower Upper
162 100
164 81.5 44.9 84.9
98 148.1 12.5 52.5#



#35
Caprolactam
Concen: 2.746 ng
RT: 11.804 min Scan# 1499
Delta R.T. 0.011 min
Lab File: BP012705.D
Acq: 23 Nov 2022 11:06

Tgt Ion:113 Resp: 20
Ion Ratio Lower Upper
113 100
55 71.9 158.0 198.0#
56 106.3 114.1 154.1#

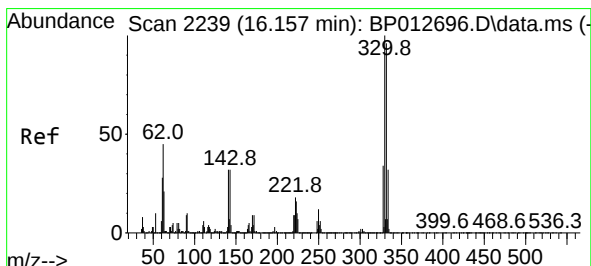
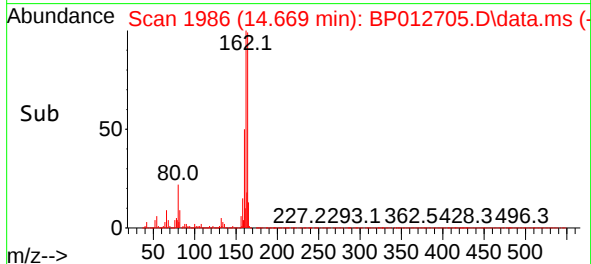
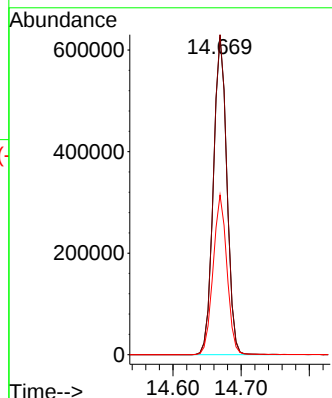
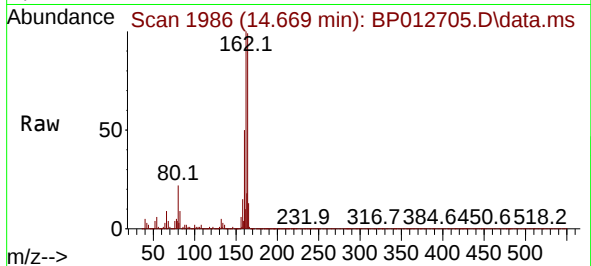




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BP012705.D
Acq: 23 Nov 2022 11:06

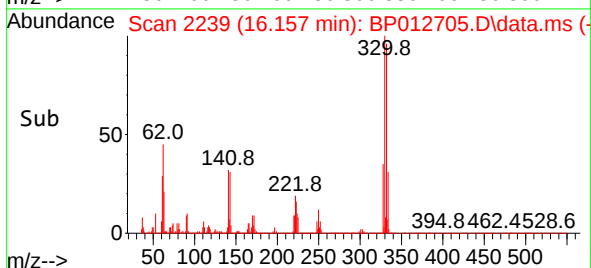
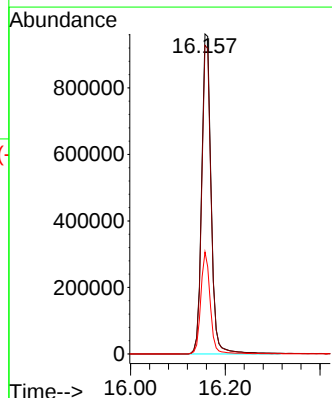
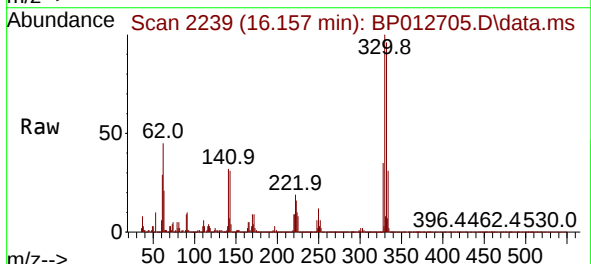
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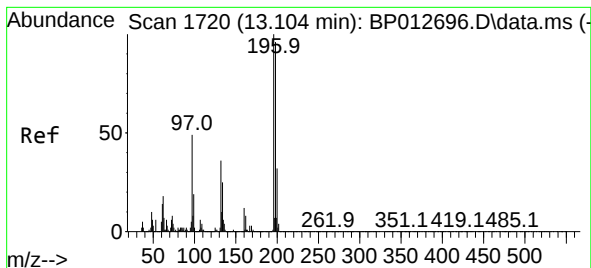
Tgt Ion:164 Resp: 861573
Ion Ratio Lower Upper
164 100
162 100.8 81.3 121.9
160 50.3 37.6 56.4



#42
2,4,6-Tribromophenol
Concen: 120.633 ng
RT: 16.157 min Scan# 2239
Delta R.T. 0.000 min
Lab File: BP012705.D
Acq: 23 Nov 2022 11:06

Tgt Ion:330 Resp: 1331479
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 31.8 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 4.184 ng

RT: 13.104 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP012705.D

Acq: 23 Nov 2022 11:06

Instrument :

BNA_P

ClientSampleId :

PB149242BL

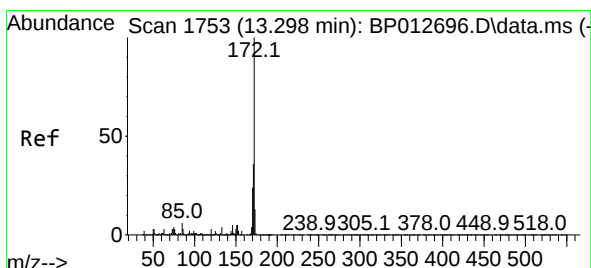
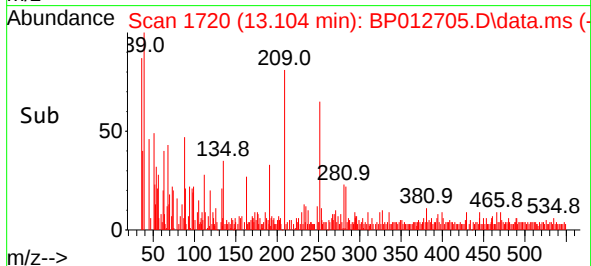
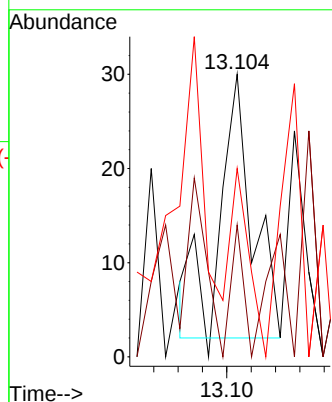
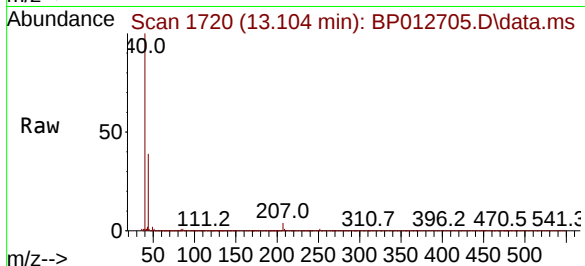
Tgt Ion:196 Resp: 26

Ion Ratio Lower Upper

196 100

198 46.7 76.6 115.0#

200 66.7 25.2 37.8#



#45

2-Fluorobiphenyl

Concen: 95.916 ng

RT: 13.298 min Scan# 1753

Delta R.T. 0.000 min

Lab File: BP012705.D

Acq: 23 Nov 2022 11:06

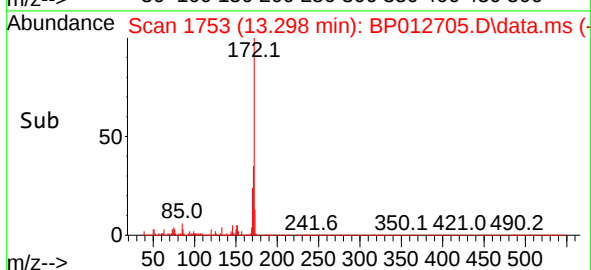
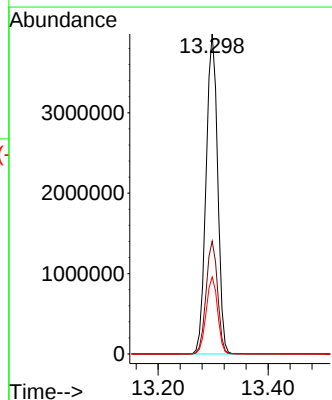
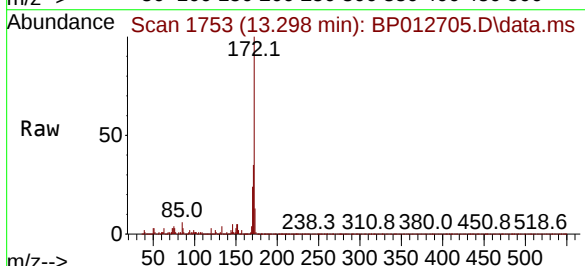
Tgt Ion:172 Resp: 5800575

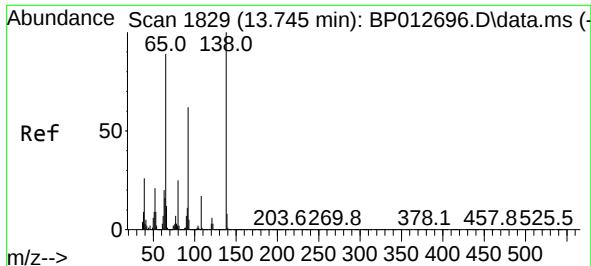
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 24.0 19.1 28.7

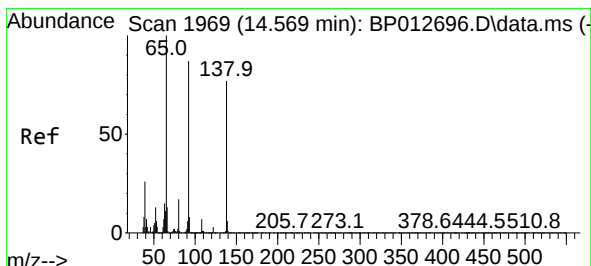
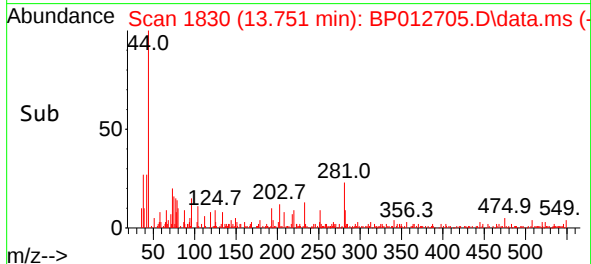
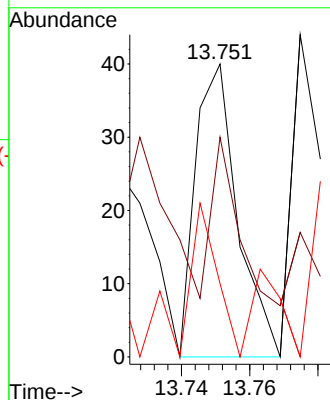
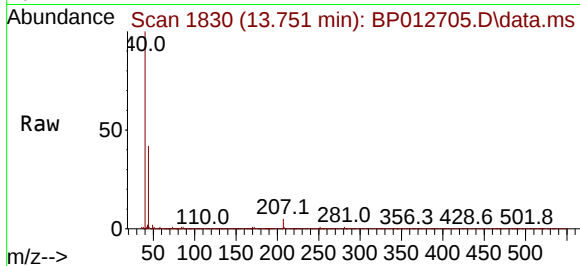




#48
2-Nitroaniline
Concen: 4.809 ng
RT: 13.751 min Scan# 1830
Delta R.T. 0.006 min
Lab File: BP012705.D
Acq: 23 Nov 2022 11:06

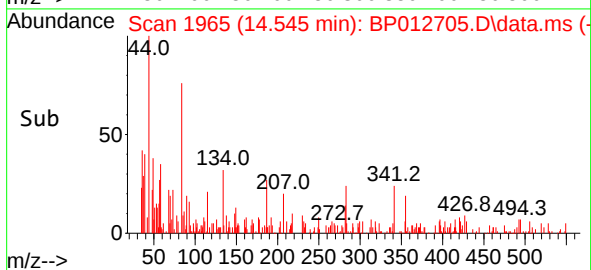
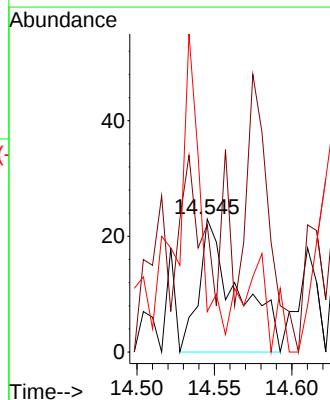
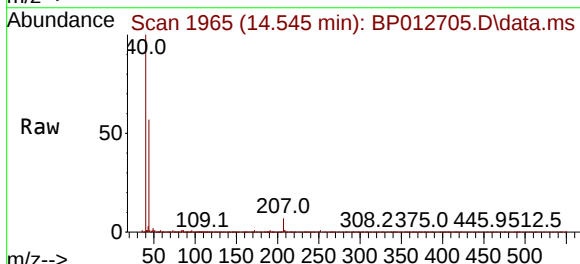
Instrument :
BNA_P
ClientSampleId :
PB149242BL

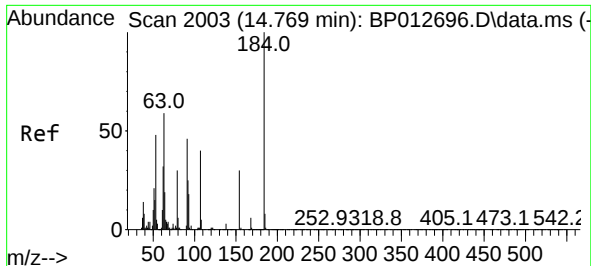
Tgt Ion: 65 Resp: 34
Ion Ratio Lower Upper
65 100
92 75.0 55.4 83.2
138 25.0 89.5 134.3#



#53
3-Nitroaniline
Concen: 3.679 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.024 min
Lab File: BP012705.D
Acq: 23 Nov 2022 11:06

Tgt Ion: 138 Resp: 40
Ion Ratio Lower Upper
138 100
108 95.7 7.4 11.2#
92 30.4 91.3 136.9#

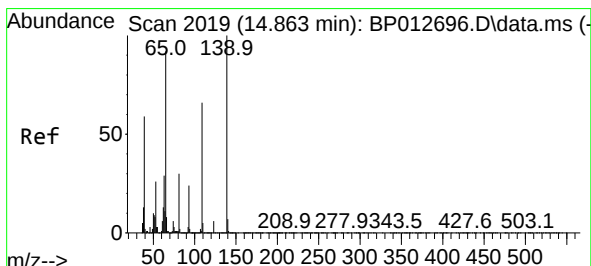
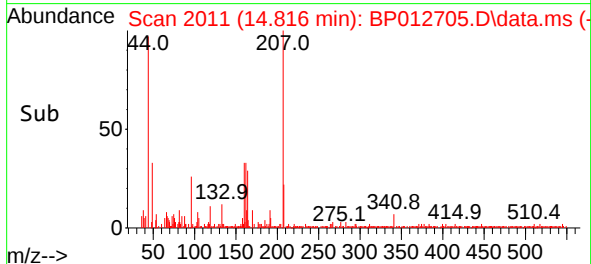
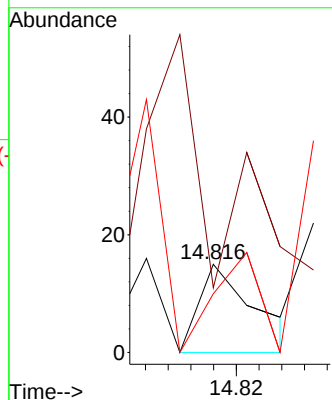
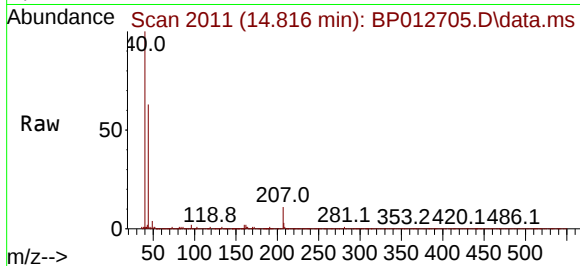




#54
2,4-Dinitrophenol
Concen: 3.022 ng
RT: 14.816 min Scan# 2011
Delta R.T. 0.047 min
Lab File: BP012705.D
Acq: 23 Nov 2022 11:06

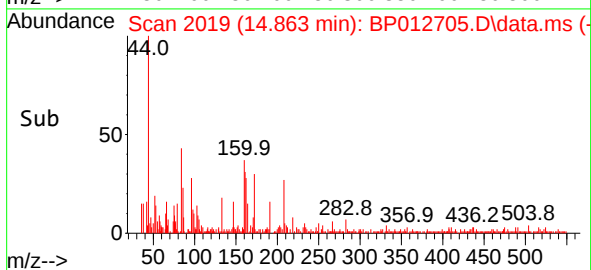
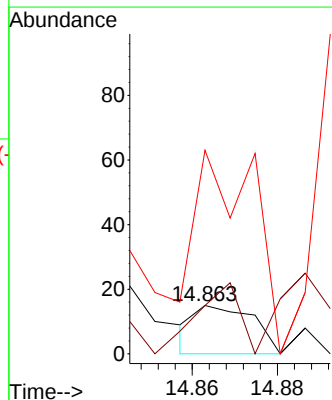
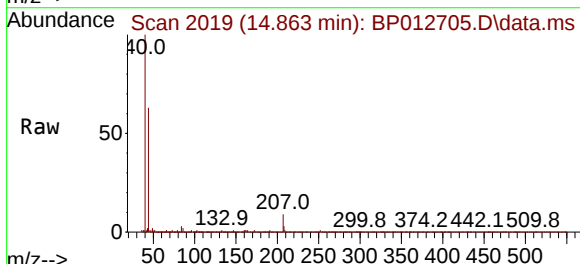
Instrument :
BNA_P
ClientSampleId :
PB149242BL

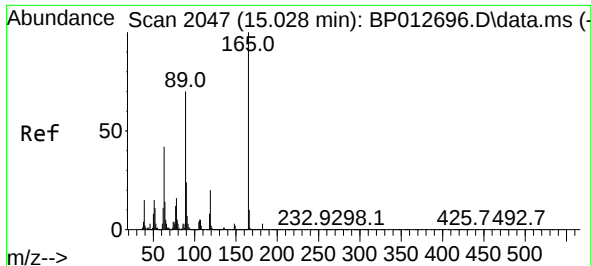
Tgt Ion:184 Resp: 10
Ion Ratio Lower Upper
184 100
63 73.3 50.0 75.0
154 66.7 45.5 68.3



#56
4-Nitrophenol
Concen: 5.701 ng
RT: 14.863 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BP012705.D
Acq: 23 Nov 2022 11:06

Tgt Ion:139 Resp: 14
Ion Ratio Lower Upper
139 100
109 100.0 46.1 86.1#
65 420.0 72.5 112.5#

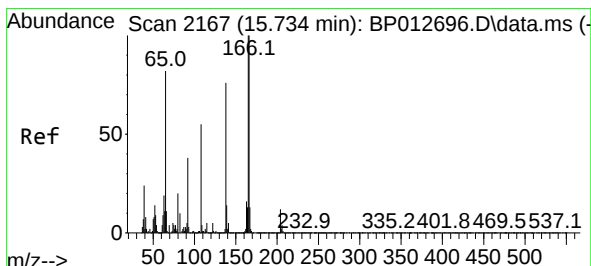
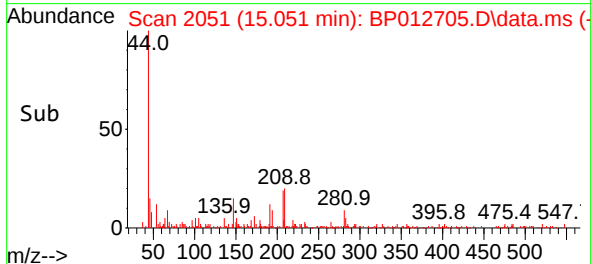
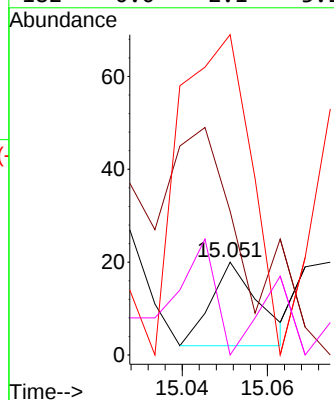
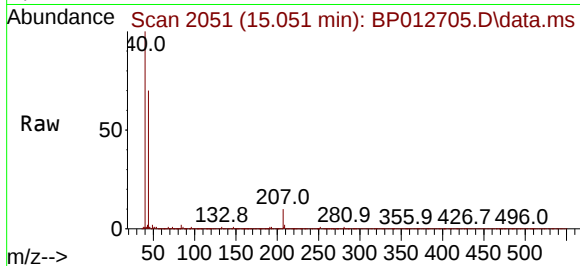




#57
2,4-Dinitrotoluene
Concen: 3.554 ng
RT: 15.051 min Scan# 2047
Delta R.T. 0.023 min
Lab File: BP012705.D
Acq: 23 Nov 2022 11:06

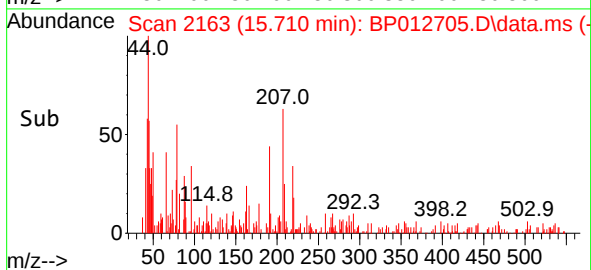
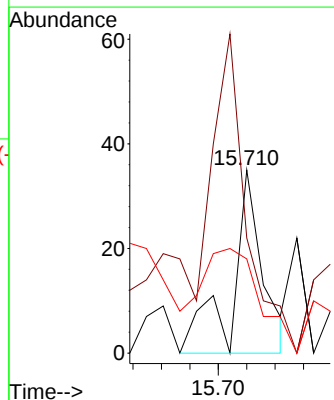
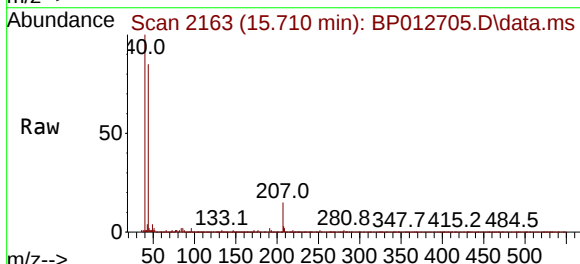
Instrument :
BNA_P
ClientSampleId :
PB149242BL

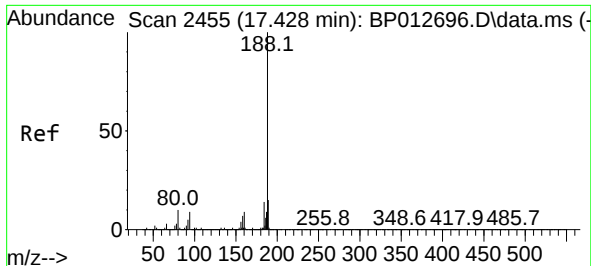
Tgt Ion:165	Resp:	14
Ion Ratio	Lower	Upper
165	100	
63	155.0	33.7 50.5#
89	345.0	56.3 84.5#
182	0.0	2.1 3.1#



#62
4-Nitroaniline
Concen: 4.609 ng
RT: 15.710 min Scan# 2163
Delta R.T. -0.024 min
Lab File: BP012705.D
Acq: 23 Nov 2022 11:06

Tgt Ion:138	Resp:	26
Ion Ratio	Lower	Upper
138	100	
92	62.9	29.6 69.6
108	51.4	51.4 91.4

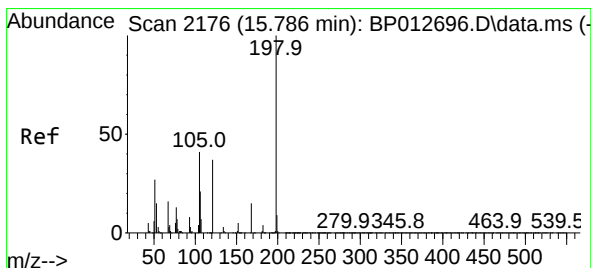
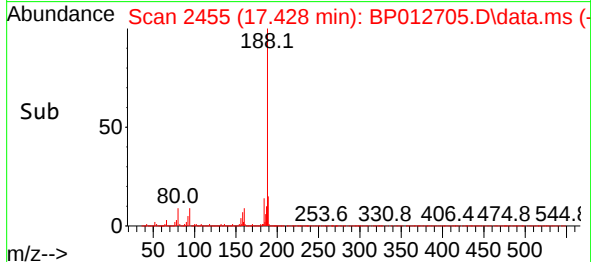
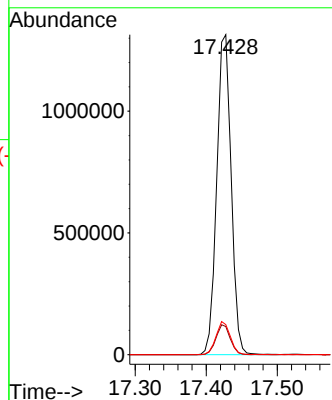
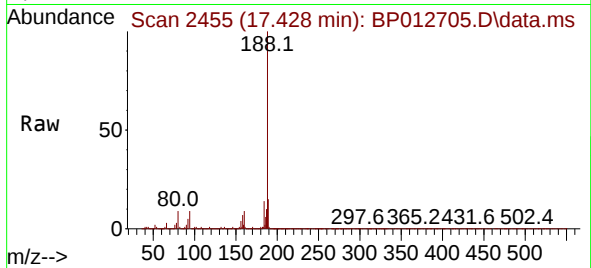




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.428 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BP012705.D
Acq: 23 Nov 2022 11:06

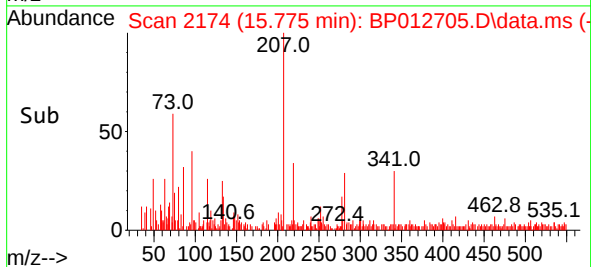
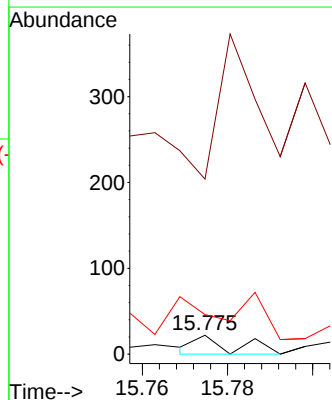
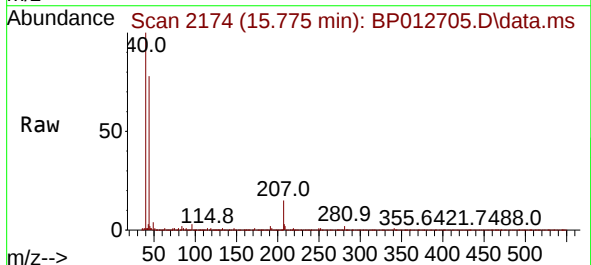
Instrument :
BNA_P
ClientSampleId :
PB149242BL

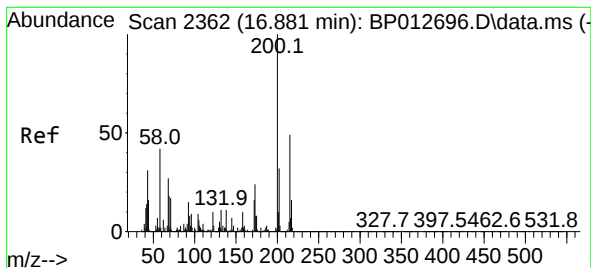
Tgt Ion:188 Resp: 1845452
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.4 7.8 11.6



#65
4,6-Dinitro-2-methylphenol
Concen: 3.684 ng
RT: 15.775 min Scan# 2174
Delta R.T. -0.011 min
Lab File: BP012705.D
Acq: 23 Nov 2022 11:06

Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
51 485.7 25.7 65.7#
105 109.5 22.8 62.8#





#69

Atrazine

Concen: 4.028 ng

RT: 16.869 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP012705.D

Acq: 23 Nov 2022 11:06

Instrument :

BNA_P

ClientSampleId :

PB149242BL

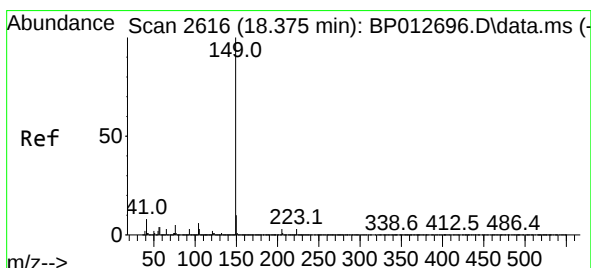
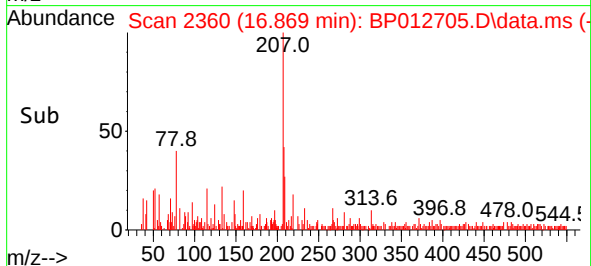
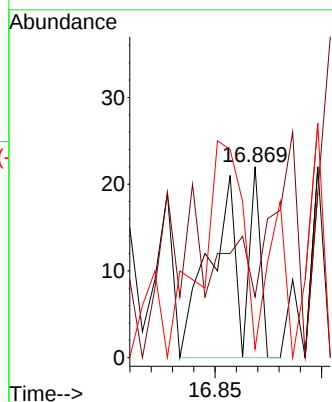
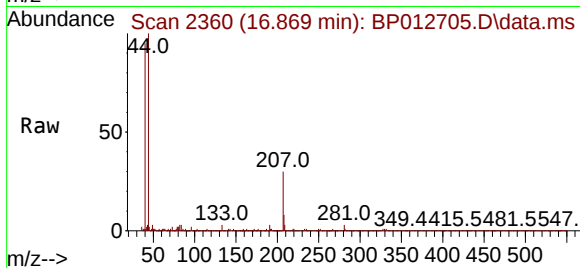
Tgt Ion:200 Resp: 26

Ion Ratio Lower Upper

200 100

173 31.8 4.3 44.3

215 36.4 29.5 69.5



#74

Di-n-butylphthalate

Concen: 5.707 ng

RT: 18.380 min Scan# 2617

Delta R.T. 0.005 min

Lab File: BP012705.D

Acq: 23 Nov 2022 11:06

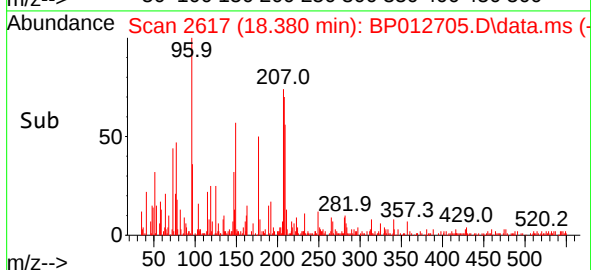
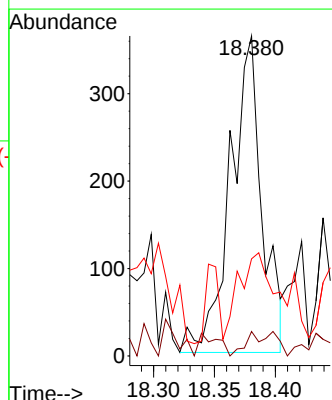
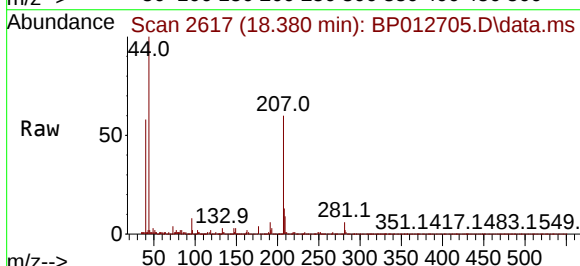
Tgt Ion:149 Resp: 653

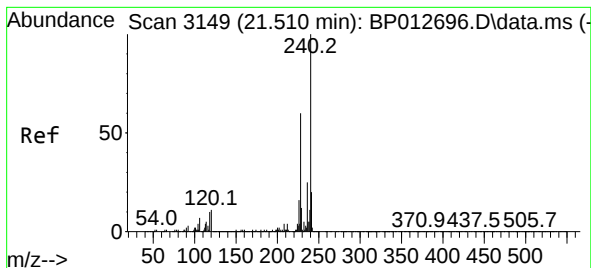
Ion Ratio Lower Upper

149 100

150 12.7 7.7 11.5#

104 29.4 4.6 6.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.510 min Scan# 3149

Delta R.T. -0.000 min

Lab File: BP012705.D

Acq: 23 Nov 2022 11:06

Instrument :

BNA_P

ClientSampleId :

PB149242BL

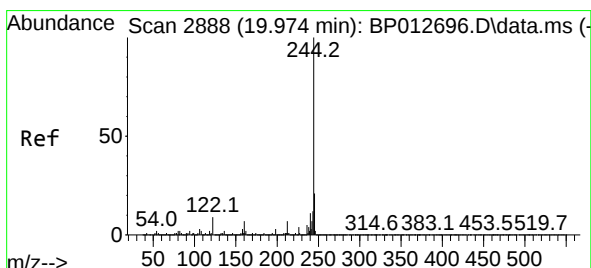
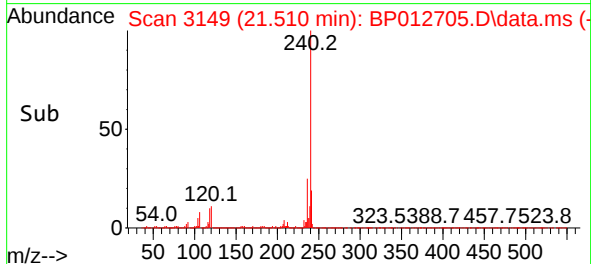
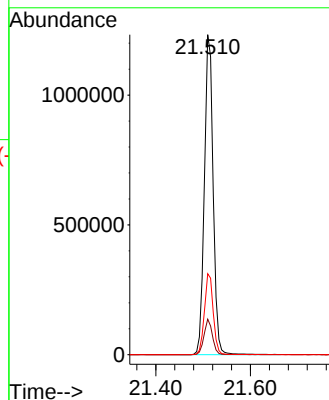
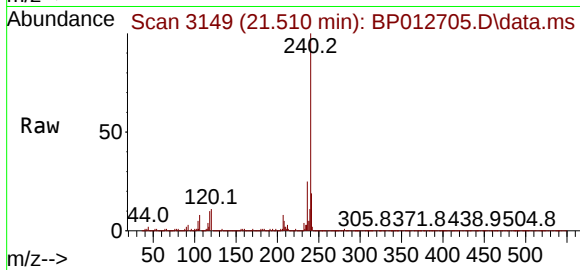
Tgt Ion:240 Resp: 1582993

Ion Ratio Lower Upper

240 100

120 11.1 8.6 12.8

236 25.3 20.4 30.6



#79

Terphenyl-d14

Concen: 124.492 ng

RT: 19.974 min Scan# 2888

Delta R.T. 0.000 min

Lab File: BP012705.D

Acq: 23 Nov 2022 11:06

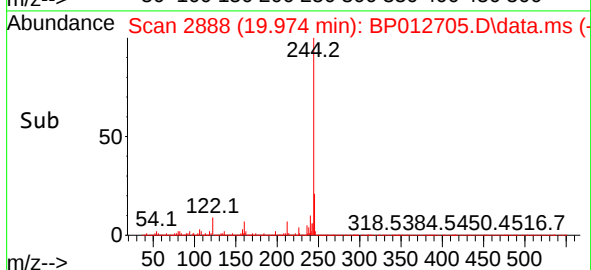
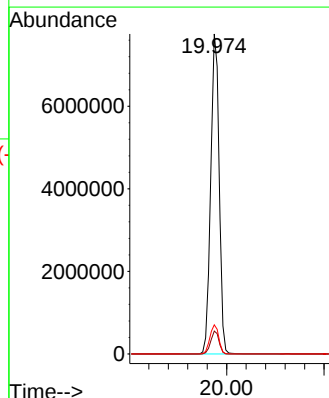
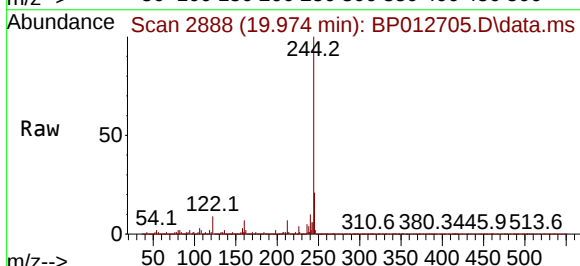
Tgt Ion:244 Resp: 9272263

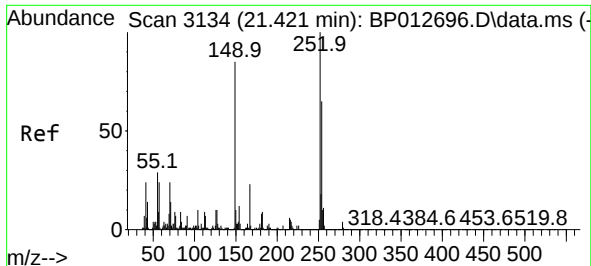
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 9.1 6.9 10.3

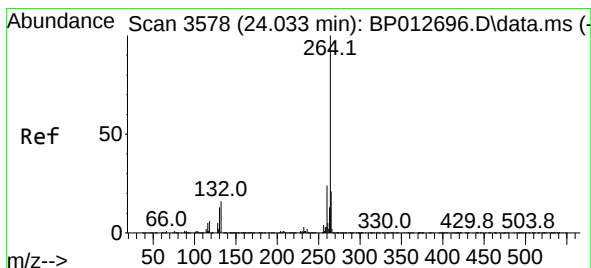
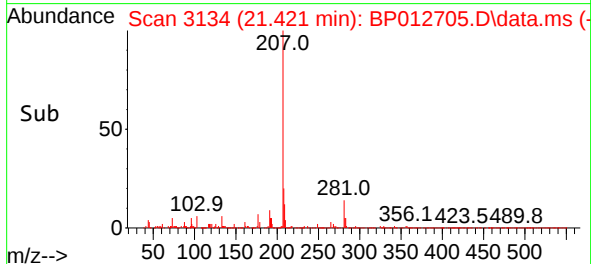
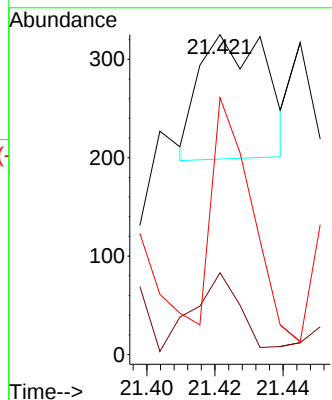
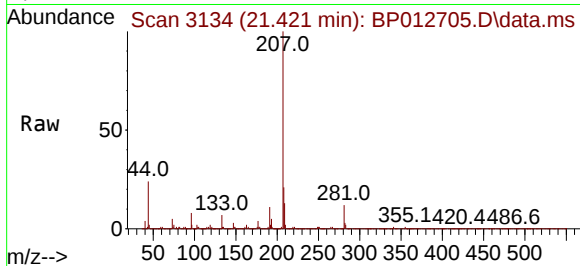




#82
3,3'-Dichlorobenzidine
Concen: 8.622 ng
RT: 21.421 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP012705.D
Acq: 23 Nov 2022 11:06

Instrument :
BNA_P
ClientSampleId :
PB149242BL

Tgt Ion:252 Resp: 171
Ion Ratio Lower Upper
252 100
254 25.5 51.7 77.5#
126 80.3 7.7 11.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.039 min Scan# 3579
Delta R.T. 0.006 min
Lab File: BP012705.D
Acq: 23 Nov 2022 11:06

Tgt Ion:264 Resp: 1341732
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.4
265 21.6 17.1 25.7

