

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100821\
 Data File : BP007386.D
 Acq On : 08 Oct 2021 22:08
 Operator : CG/JU
 Sample : M4077-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CC-34

Quant Time: Oct 09 06:19:36 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP100821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 08 15:35:55 2021
 Response via : Initial Calibration

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

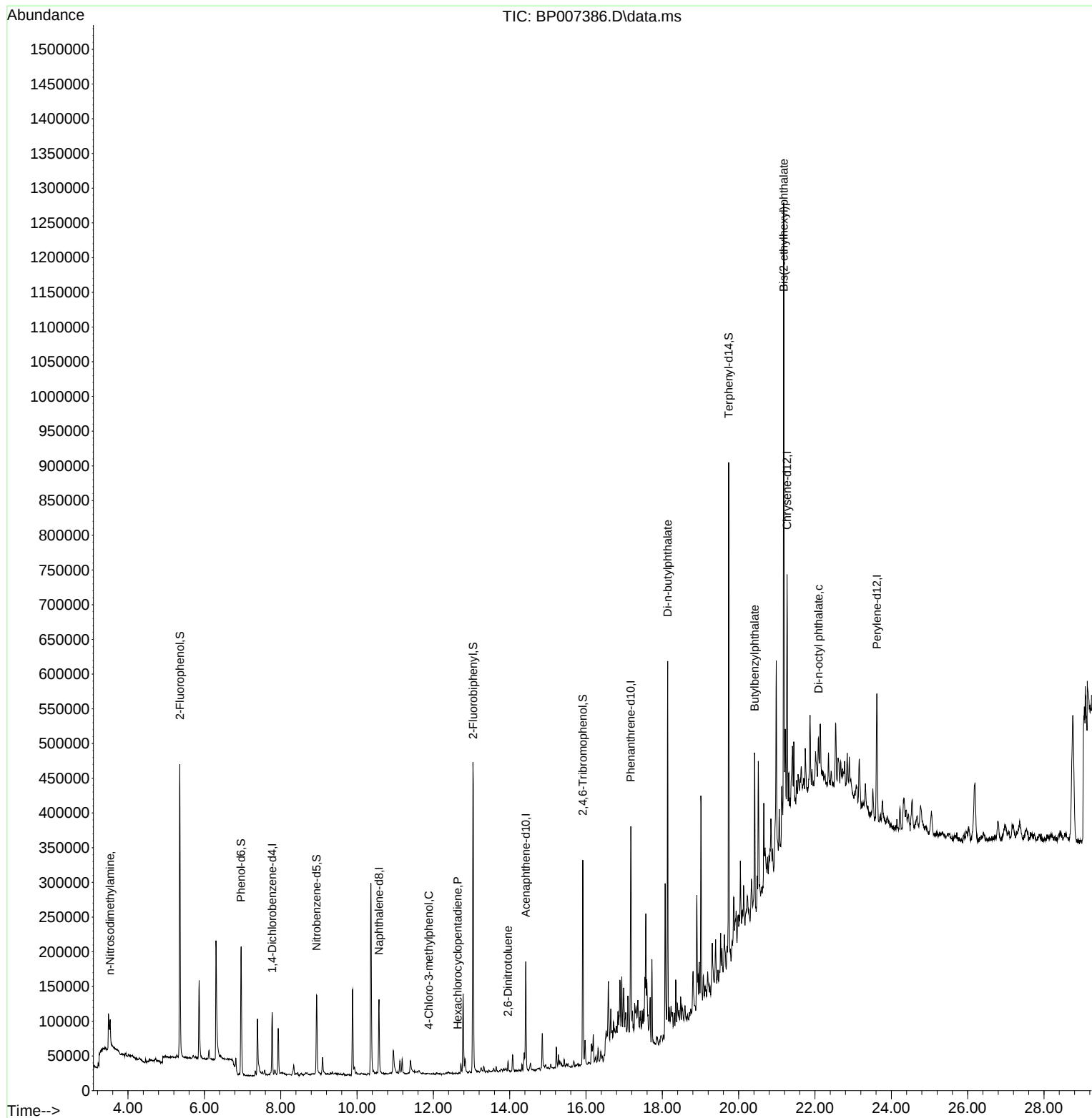
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	24999	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	88616	20.000	ng	0.00
39) Acenaphthene-d10	14.422	164	54868	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	179710	20.000	ng	#-0.01
76) Chrysene-d12	21.268	240	128935	20.000	ng	-0.01
86) Perylene-d12	23.621	264	137316	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	202083	133.198	ng	0.00
7) Phenol-d6	6.963	99	115538	56.724	ng	0.00
23) Nitrobenzene-d5	8.940	82	70370	46.769	ng	-0.01
42) 2,4,6-Tribromophenol	15.916	330	69934	77.703	ng	-0.01
45) 2-Fluorobiphenyl	13.045	172	196139	49.950	ng	0.00
79) Terphenyl-d14	19.739	244	329180	45.030	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.252	88	246	Below Cal	#	1
4) n-Nitrosodimethylamine	3.534	42	2649	4.291 ng	#	1
36) 4-Chloro-3-methylphenol	11.881	107	79	2.370 ng	#	43
41) Hexachlorocyclopentadiene	12.640	237	21	6.084 ng		84
51) 2,6-Dinitrotoluene	13.957	165	2761	3.137 ng	#	31
66) n-Nitrosodiphenylamine	15.692	169	230	Below Cal	#	91
68) Hexachlorobenzene	16.475	284	36	Below Cal	#	1
69) Atrazine	16.633	200	58	Below Cal	#	43
74) Di-n-butylphthalate	18.139	149	366801	32.346 ng		99
80) Butylbenzylphthalate	20.421	149	75018	21.871 ng		91
84) Bis(2-ethylhexyl)phtha...	21.180	149	370188	77.548 ng		96
85) Di-n-octyl phthalate	22.092	149	70449	8.655 ng	#	93
88) Benzo(b)fluoranthene	22.910	252	1019	Below Cal	#	1
89) Benzo(k)fluoranthene	22.962	252	366	Below Cal	#	1

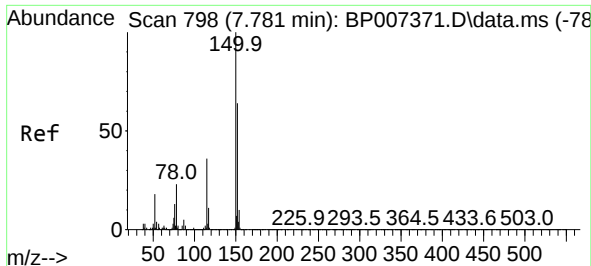
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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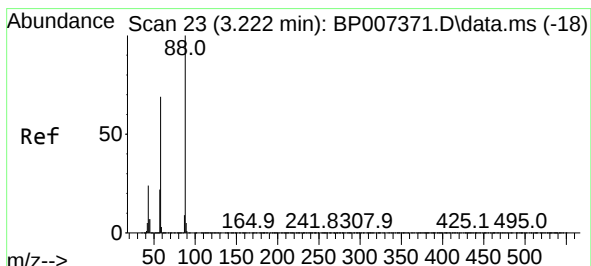
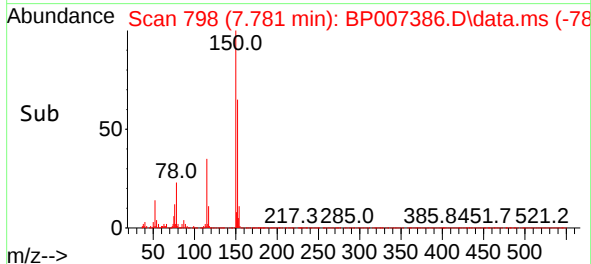
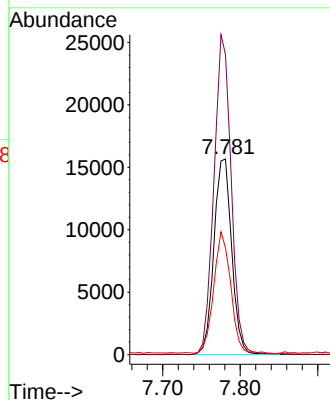
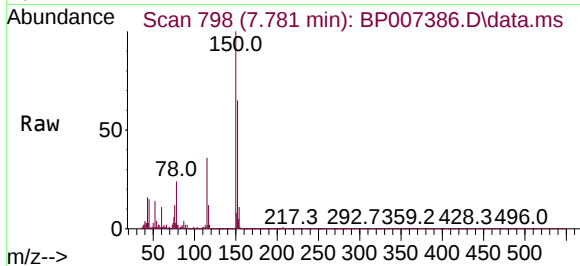




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 798
Delta R.T. -0.000 min
Lab File: BP007386.D
Acq: 08 Oct 2021 22:08

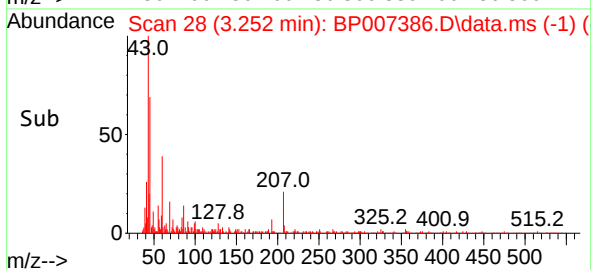
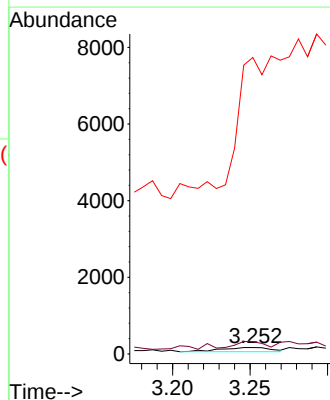
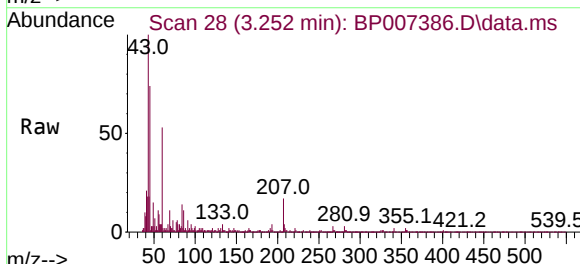
Instrument :
BNA_P
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CC-34

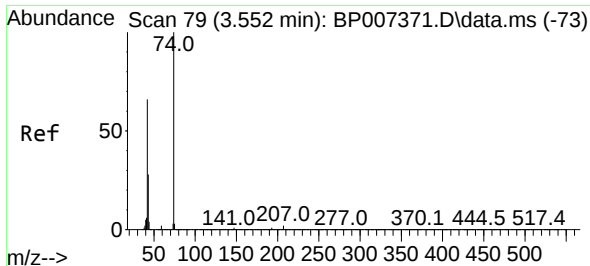
Tgt Ion:152 Resp: 24999
Ion Ratio Lower Upper
152 100
150 153.4 125.6 188.4
115 54.6 48.5 72.7



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.252 min Scan# 28
Delta R.T. 0.030 min
Lab File: BP007386.D
Acq: 08 Oct 2021 22:08

Tgt Ion: 88 Resp: 246
Ion Ratio Lower Upper
88 100
58 80.5 46.7 70.1#
43 1542.3 20.3 30.5#

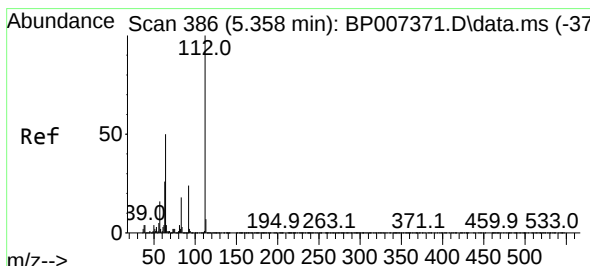
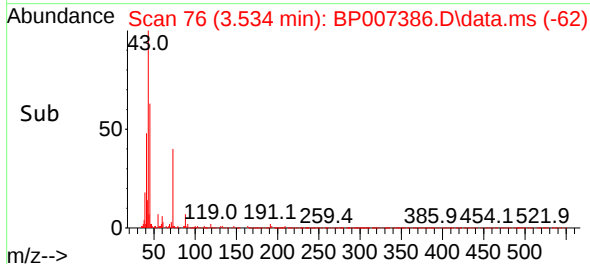
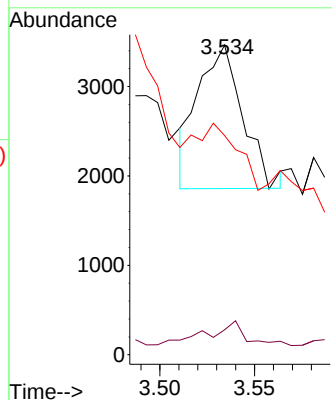
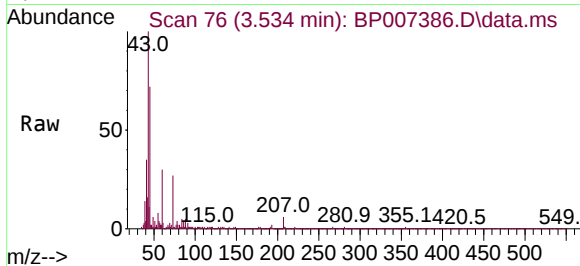




#4
n-Nitrosodimethylamine
Concen: 4.291 ng
RT: 3.534 min Scan# 76
Delta R.T. -0.018 min
Lab File: BP007386.D
Acq: 08 Oct 2021 22:08

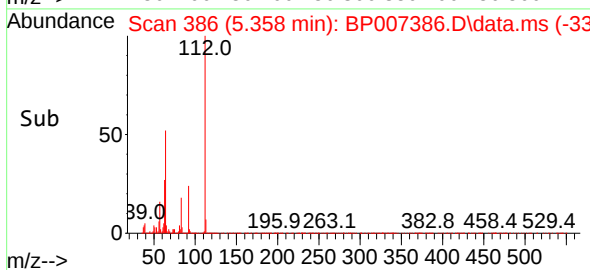
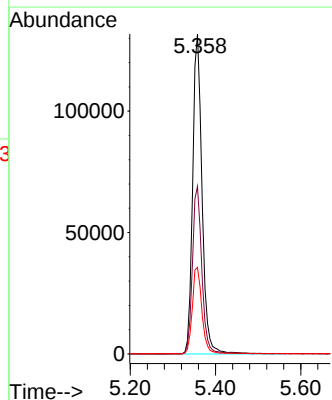
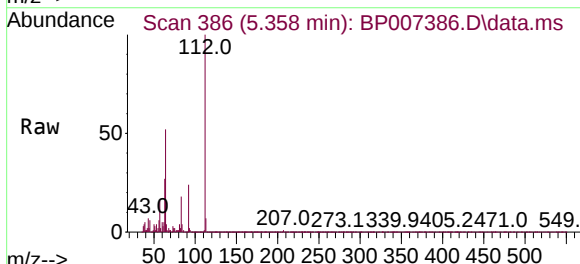
Instrument :
BNA_P
ClientSampled :
CC-34

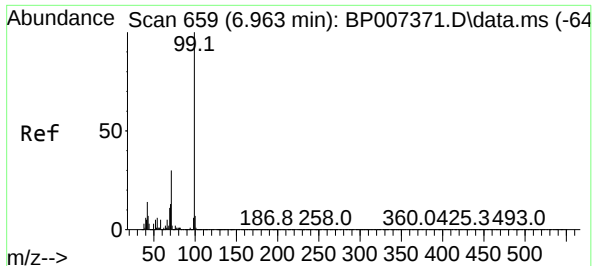
Tgt Ion: 42 Resp: 2649
Ion Ratio Lower Upper
42 100
74 8.0 105.4 158.0#
44 70.8 4.2 6.4#



#5
2-Fluorophenol
Concen: 133.198 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.000 min
Lab File: BP007386.D
Acq: 08 Oct 2021 22:08

Tgt Ion: 112 Resp: 202083
Ion Ratio Lower Upper
112 100
64 52.4 41.4 62.2
63 27.1 23.8 35.8

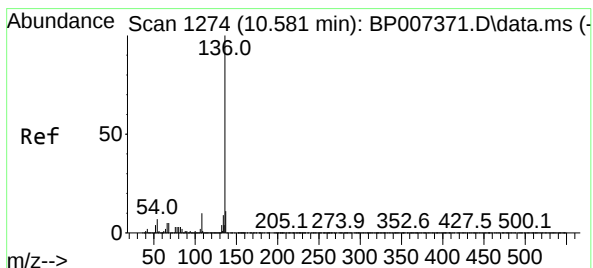
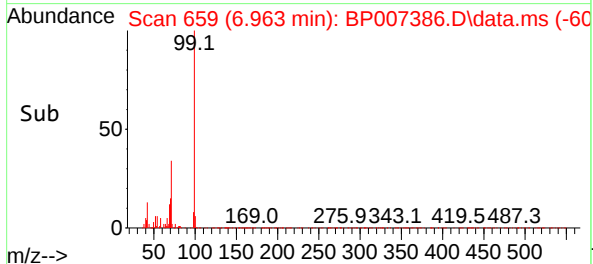
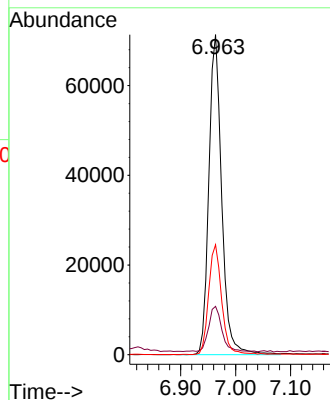
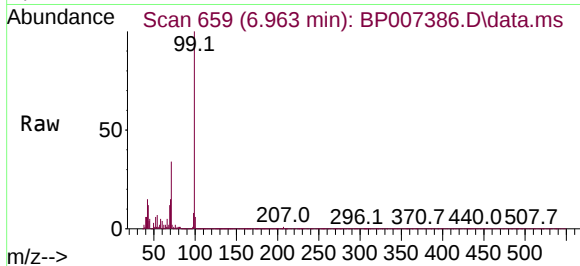




#7
Phenol-d6
Concen: 56.724 ng
RT: 6.963 min Scan# 659
Delta R.T. 0.000 min
Lab File: BP007386.D
Acq: 08 Oct 2021 22:08

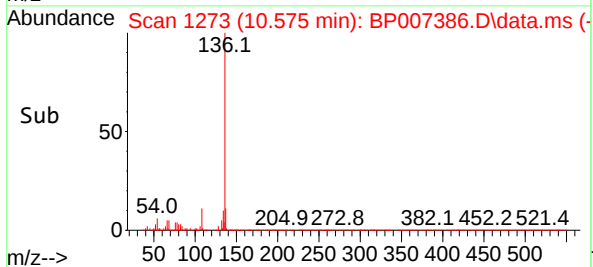
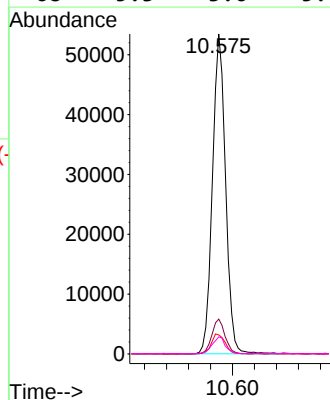
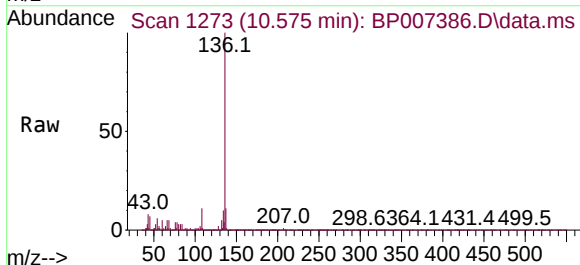
Instrument :
BNA_P
ClientSampleId :
CC-34

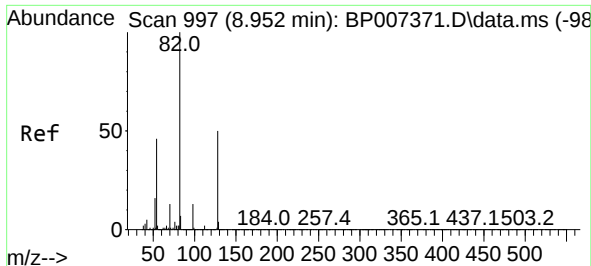
Tgt Ion:	99	Resp:	115538
Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.4	20.0
71	34.3	30.6	46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP007386.D
Acq: 08 Oct 2021 22:08

Tgt Ion:	136	Resp:	88616
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	6.0	4.6	6.8
68	5.3	3.6	5.4

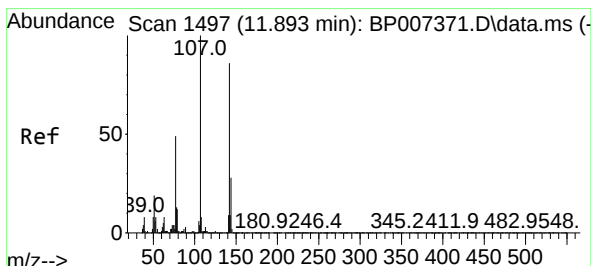
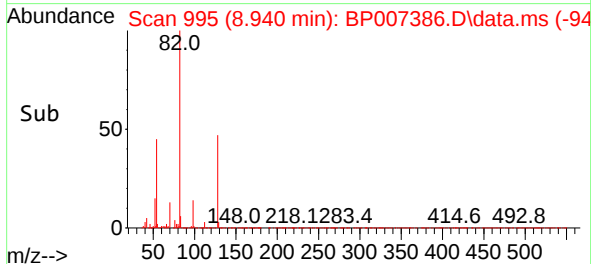
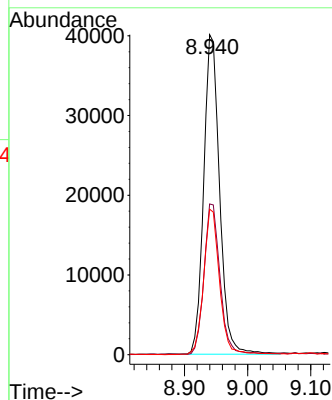
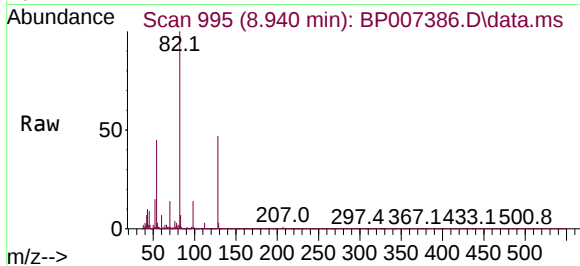




#23
Nitrobenzene-d5
Concen: 46.769 ng
RT: 8.940 min Scan# 995
Delta R.T. -0.012 min
Lab File: BP007386.D
Acq: 08 Oct 2021 22:08

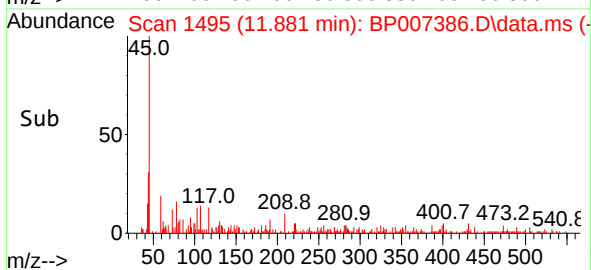
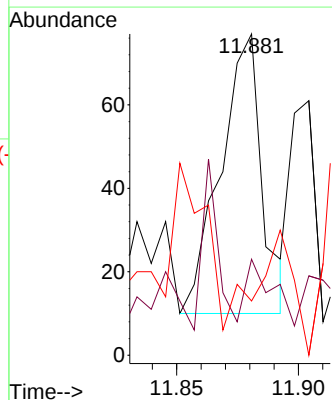
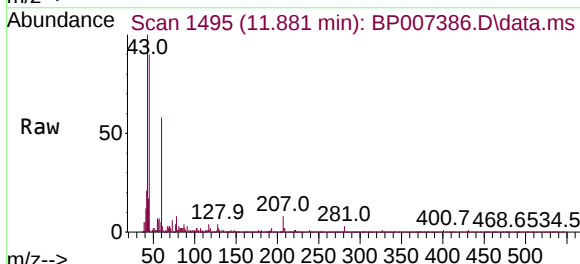
Instrument :
BNA_P
ClientSampled :
CC-34

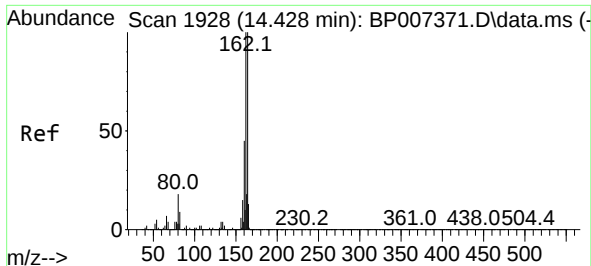
Tgt Ion: 82	Resp: 70370
Ion Ratio	Lower Upper
82 100	
128 47.1	35.7 53.5
54 45.5	35.0 52.4



#36
4-Chloro-3-methylphenol
Concen: 2.370 ng
RT: 11.881 min Scan# 1495
Delta R.T. -0.012 min
Lab File: BP007386.D
Acq: 08 Oct 2021 22:08

Tgt Ion: 107	Resp: 79
Ion Ratio	Lower Upper
107 100	
144 29.9	21.1 31.7
142 16.9	66.0 99.0#

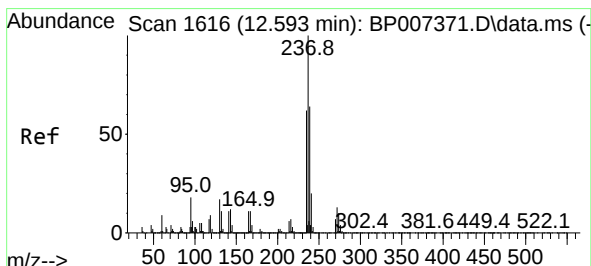
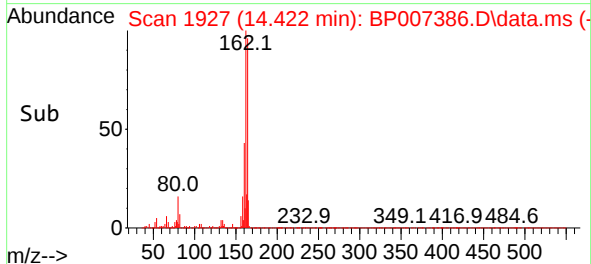
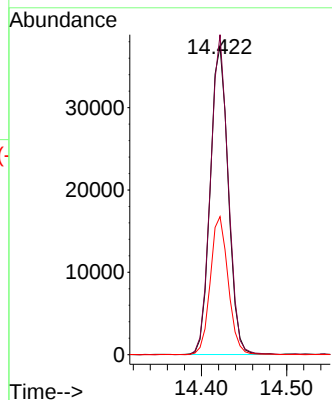
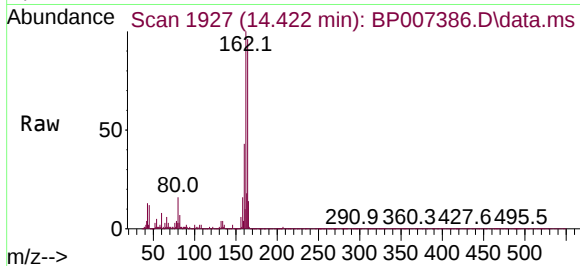




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP007386.D
Acq: 08 Oct 2021 22:08

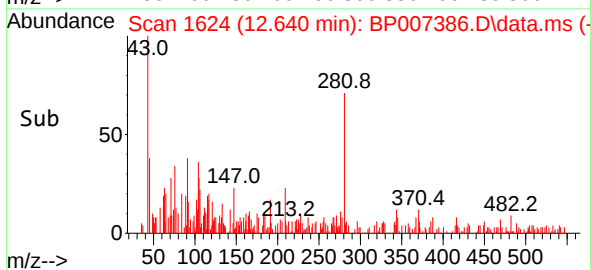
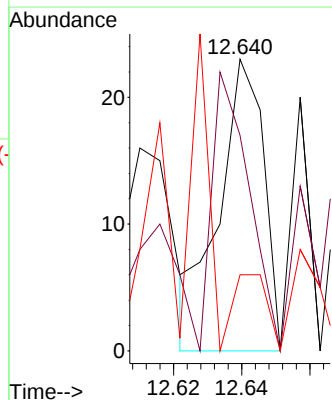
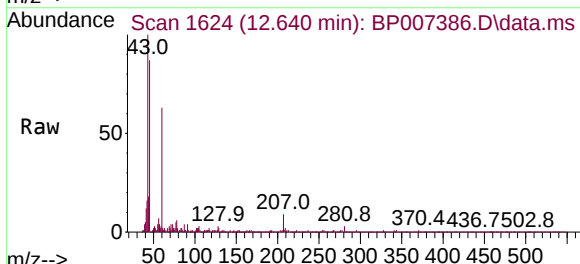
Instrument :
BNA_P
ClientSampleId :
CC-34

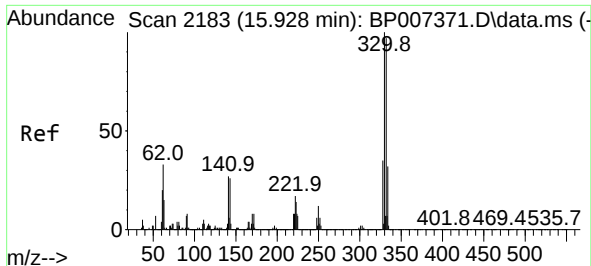
Tgt Ion:164	Resp:	54868
Ion Ratio	Lower	Upper
164	100	
162	103.8	80.2 120.2
160	44.8	34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 6.084 ng
RT: 12.640 min Scan# 1624
Delta R.T. 0.046 min
Lab File: BP007386.D
Acq: 08 Oct 2021 22:08

Tgt Ion:237	Resp:	21
Ion Ratio	Lower	Upper
237	100	
235	73.9	44.5 84.5
272	26.1	0.0 32.5

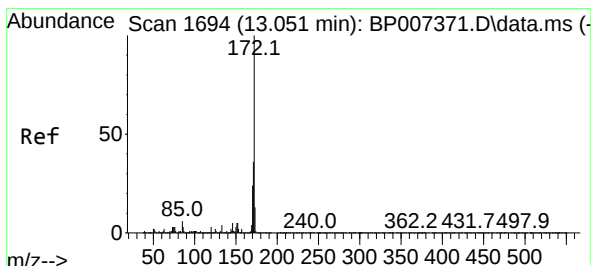
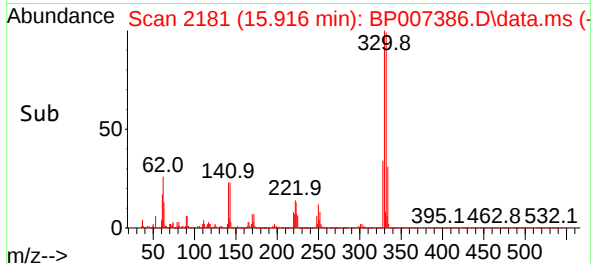
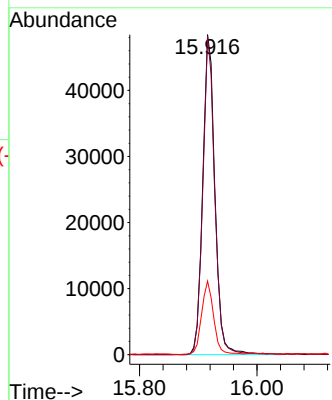
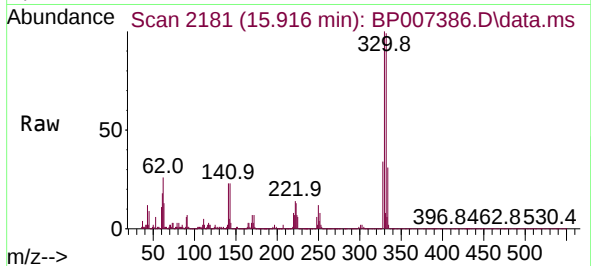




#42
2,4,6-Tribromophenol
Concen: 77.703 ng
RT: 15.916 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BP007386.D
Acq: 08 Oct 2021 22:08

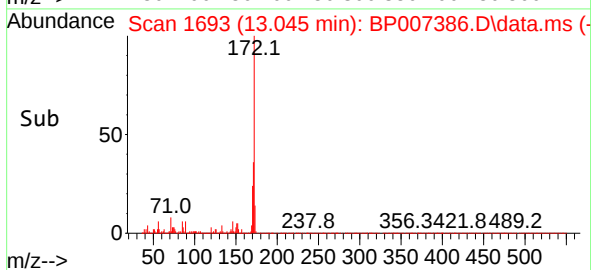
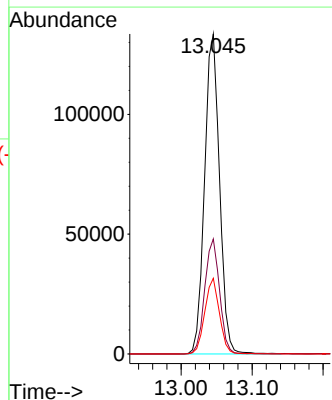
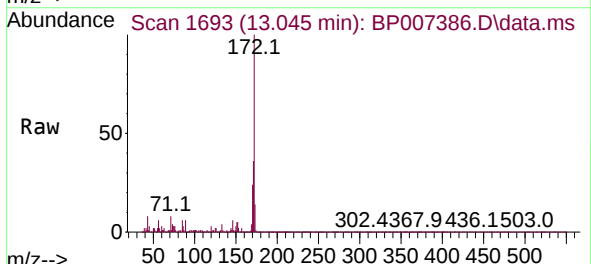
Instrument :
BNA_P
ClientSampled :
CC-34

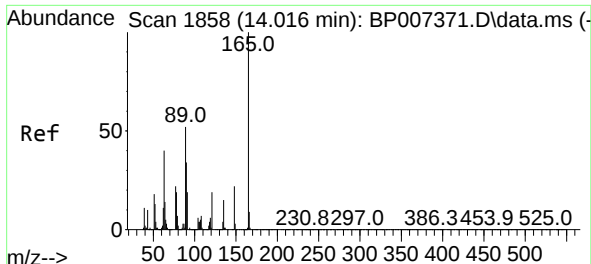
Tgt Ion:330 Resp: 69934
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.8
141 22.6 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 49.950 ng
RT: 13.045 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BP007386.D
Acq: 08 Oct 2021 22:08

Tgt Ion:172 Resp: 196139
Ion Ratio Lower Upper
172 100
171 36.0 27.9 41.9
170 23.6 18.6 27.8

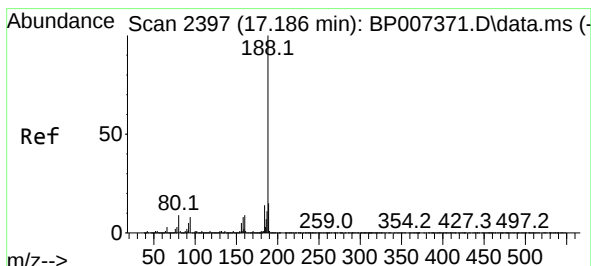
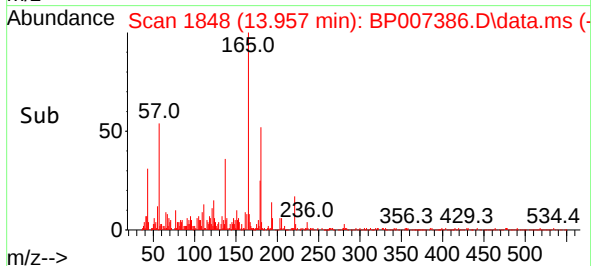
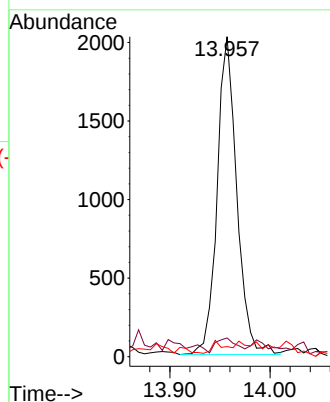
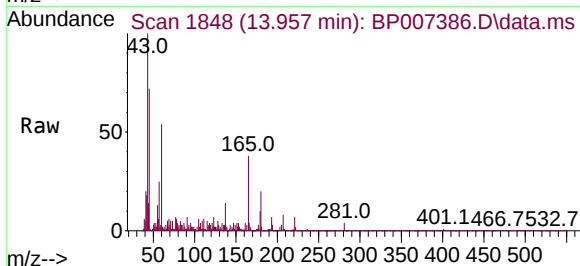




#51
2,6-Dinitrotoluene
Concen: 3.137 ng
RT: 13.957 min Scan# 1848
Delta R.T. -0.059 min
Lab File: BP007386.D
Acq: 08 Oct 2021 22:08

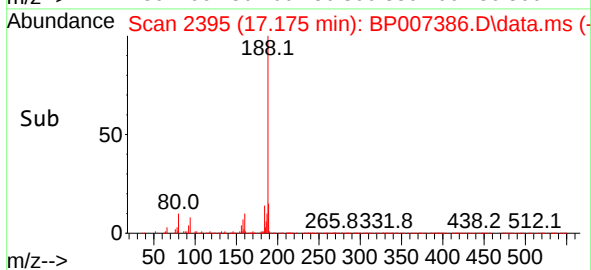
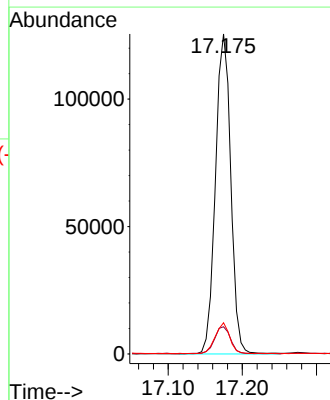
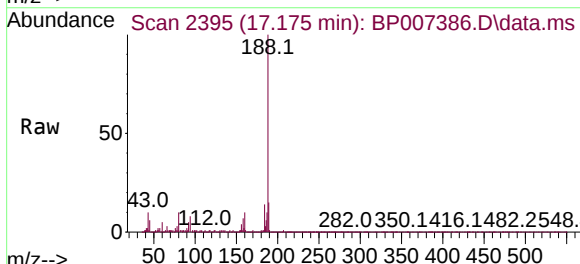
Instrument :
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CC-34

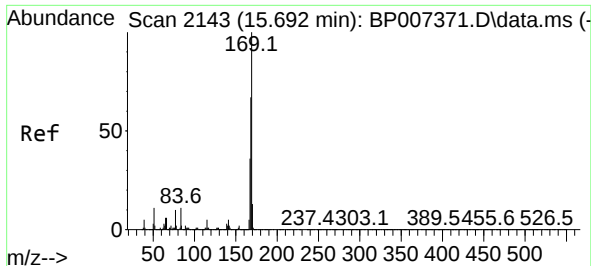
Tgt Ion:165 Resp: 2761
Ion Ratio Lower Upper
165 100
63 5.8 41.3 61.9#
89 3.1 44.8 67.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2395
Delta R.T. -0.011 min
Lab File: BP007386.D
Acq: 08 Oct 2021 22:08

Tgt Ion:188 Resp: 179710
Ion Ratio Lower Upper
188 100
94 8.5 5.6 8.4#
80 9.7 6.3 9.5#

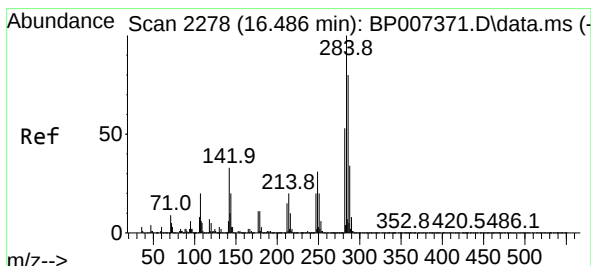
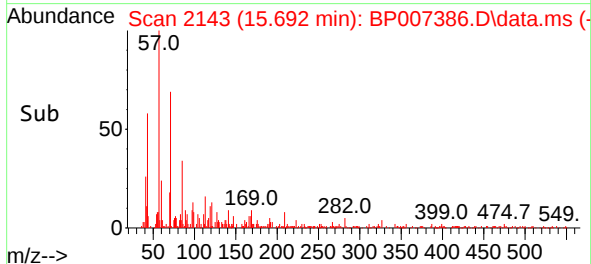
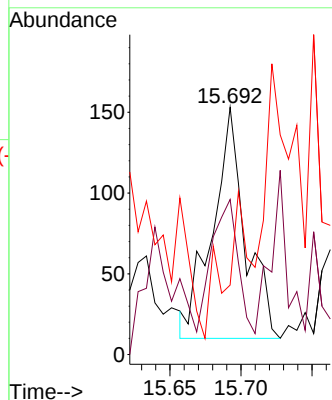
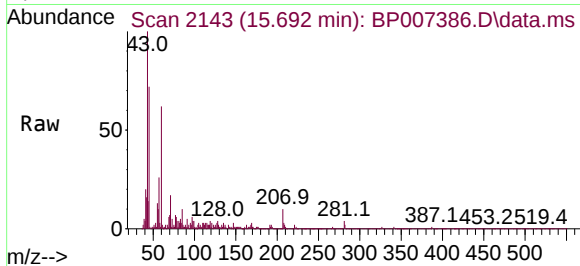




#66
n-Nitrosodiphenylamine
Concen: Below Cal
RT: 15.692 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP007386.D
Acq: 08 Oct 2021 22:08

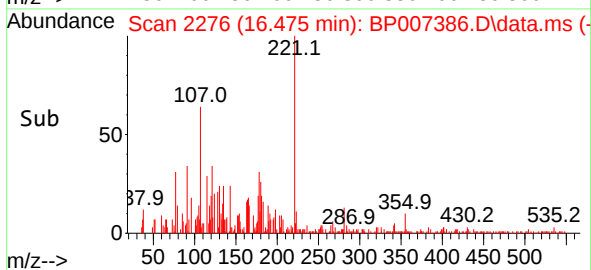
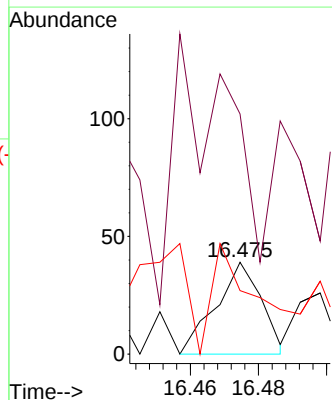
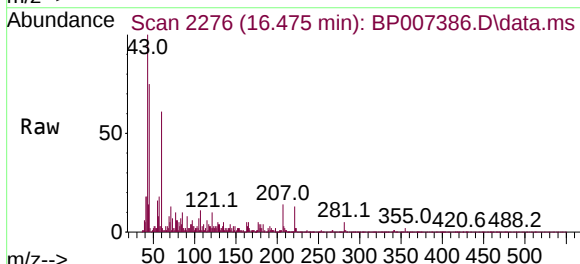
Instrument :
BNA_P
ClientSampled :
CC-34

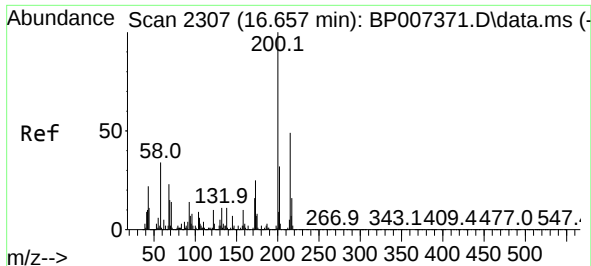
Tgt Ion:169 Resp: 230
Ion Ratio Lower Upper
169 100
168 62.7 54.4 81.6
167 28.1 29.0 43.6#



#68
Hexachlorobenzene
Concen: Below Cal
RT: 16.475 min Scan# 2276
Delta R.T. -0.011 min
Lab File: BP007386.D
Acq: 08 Oct 2021 22:08

Tgt Ion:284 Resp: 36
Ion Ratio Lower Upper
284 100
142 261.5 26.9 40.3#
249 69.2 24.5 36.7#

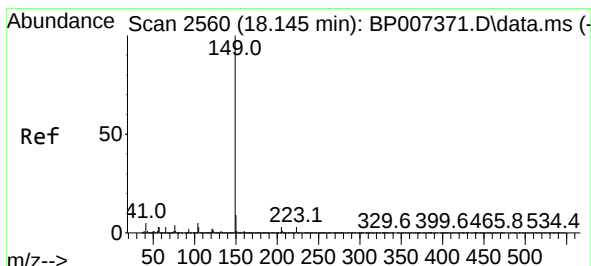
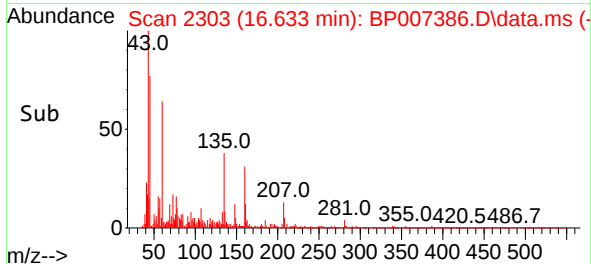
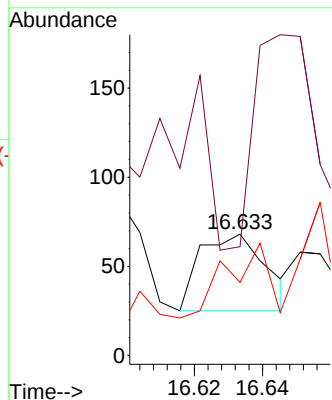
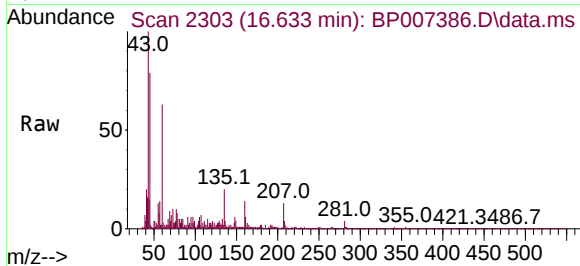




#69
Atrazine
Concen: Below Cal
RT: 16.633 min Scan# 2303
Delta R.T. -0.024 min
Lab File: BP007386.D
Acq: 08 Oct 2021 22:08

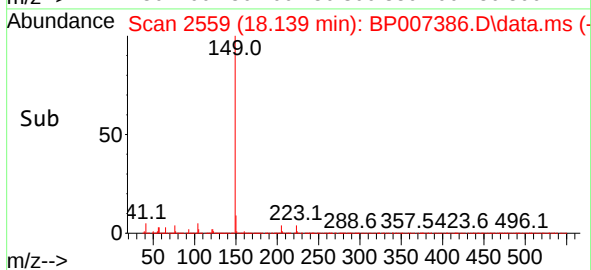
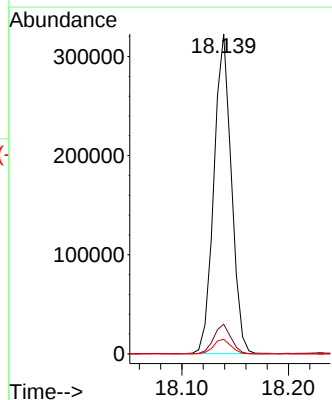
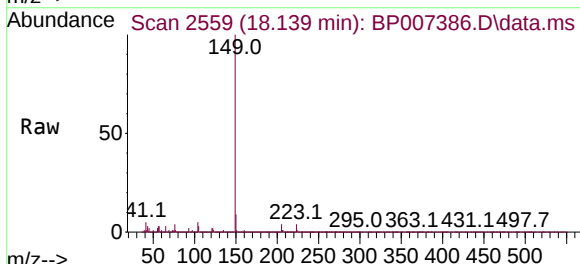
Instrument :
BNA_P
ClientSampleId :
CC-34

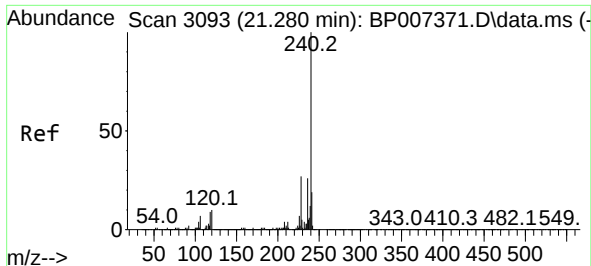
Tgt Ion:200 Resp: 58
Ion Ratio Lower Upper
200 100
173 89.7 4.1 44.1#
215 60.3 27.7 67.7



#74
Di-n-butylphthalate
Concen: 32.346 ng
RT: 18.139 min Scan# 2559
Delta R.T. -0.006 min
Lab File: BP007386.D
Acq: 08 Oct 2021 22:08

Tgt Ion:149 Resp: 366801
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 4.6 4.5 6.7

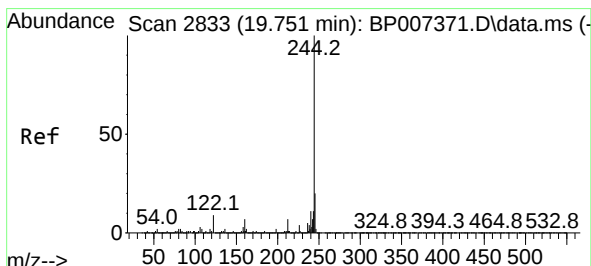
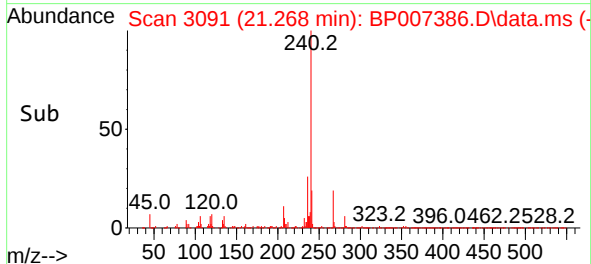
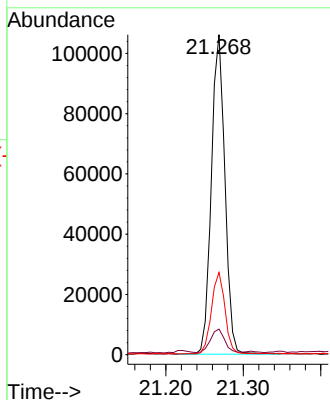
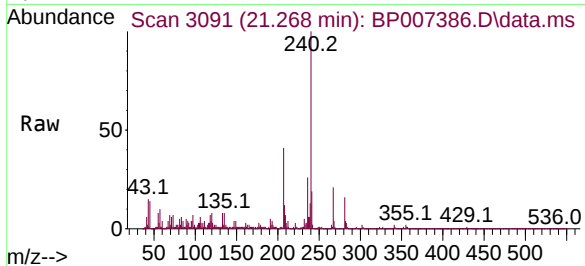




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.268 min Scan# 3091
Delta R.T. -0.012 min
Lab File: BP007386.D
Acq: 08 Oct 2021 22:08

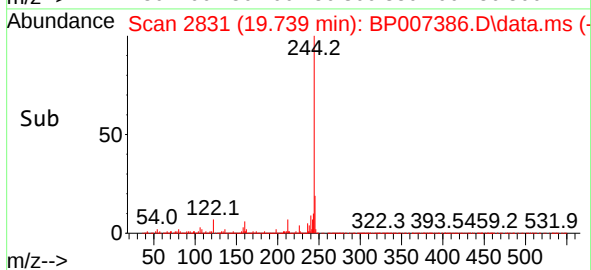
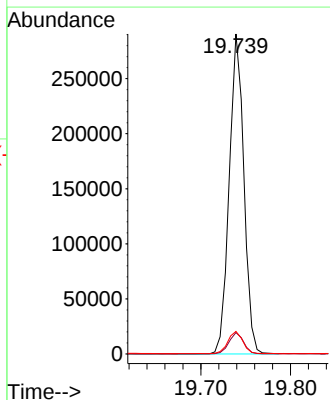
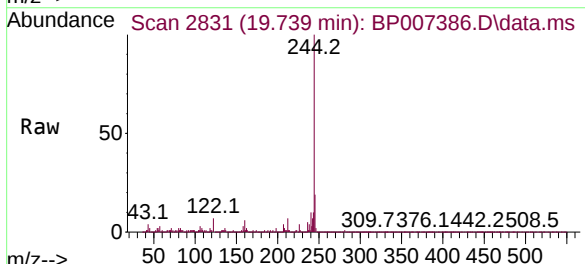
Instrument :
BNA_P
ClientSampled :
CC-34

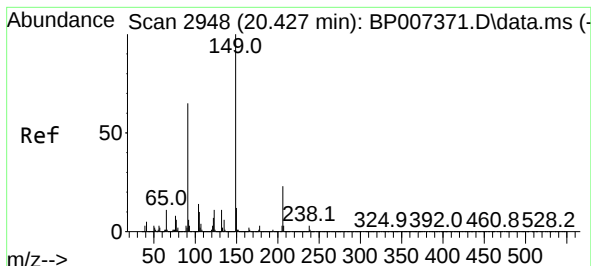
Tgt Ion:240 Resp: 128935
Ion Ratio Lower Upper
240 100
120 8.0 6.5 9.7
236 25.7 20.6 31.0



#79
Terphenyl-d14
Concen: 45.030 ng
RT: 19.739 min Scan# 2831
Delta R.T. -0.012 min
Lab File: BP007386.D
Acq: 08 Oct 2021 22:08

Tgt Ion:244 Resp: 329180
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 7.1 7.1 10.7#





#80

Butylbenzylphthalate

Concen: 21.871 ng

RT: 20.421 min Scan# 2947

Delta R.T. -0.006 min

Lab File: BP007386.D

Acq: 08 Oct 2021 22:08

Tgt Ion:149 Resp: 75018

Ion Ratio Lower Upper

149 100

91 60.9 54.6 81.8

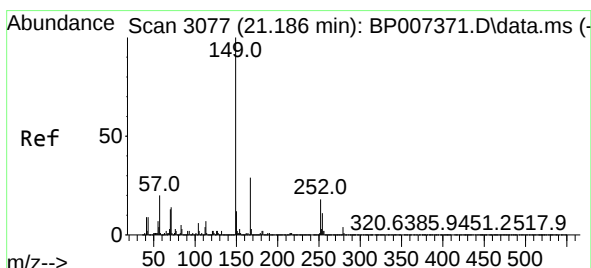
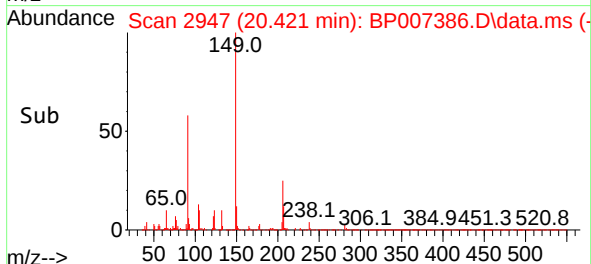
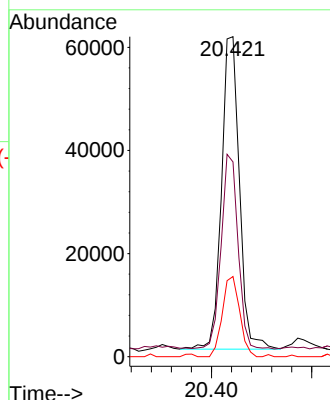
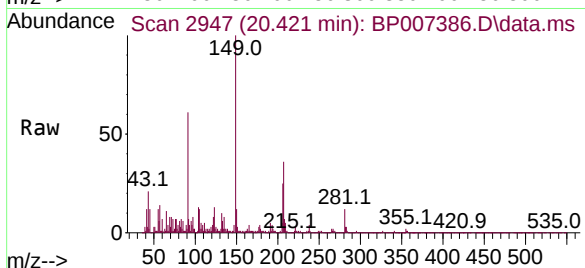
206 25.1 16.7 25.1

Instrument :

BNA_P

ClientSampled :

CC-34



#84

Bis(2-ethylhexyl)phthalate

Concen: 77.548 ng

RT: 21.180 min Scan# 3076

Delta R.T. -0.006 min

Lab File: BP007386.D

Acq: 08 Oct 2021 22:08

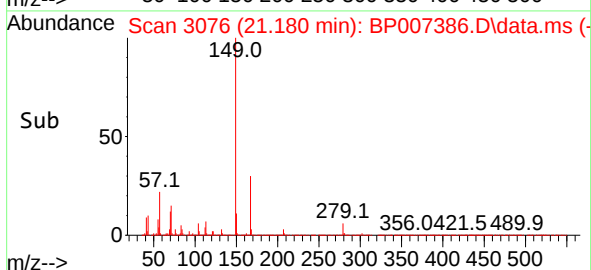
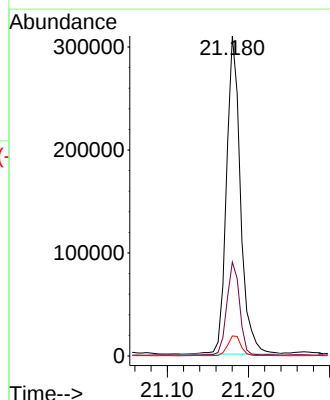
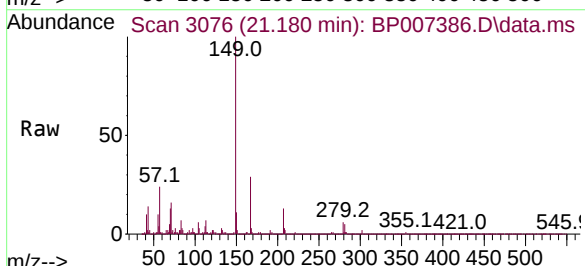
Tgt Ion:149 Resp: 370188

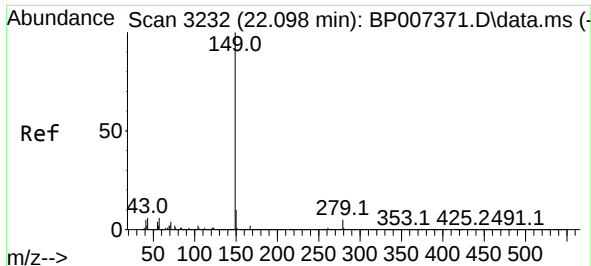
Ion Ratio Lower Upper

149 100

167 29.4 21.9 32.9

279 6.3 4.3 6.5

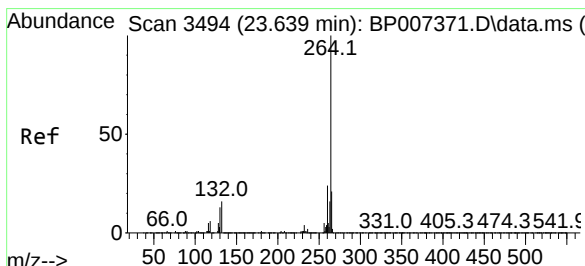
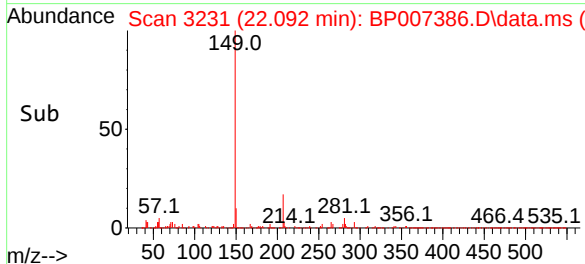
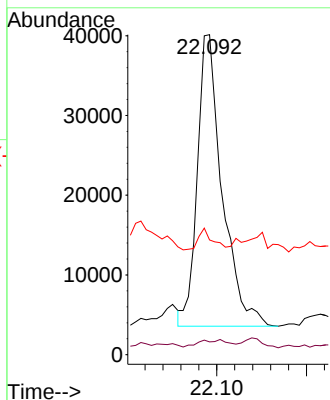
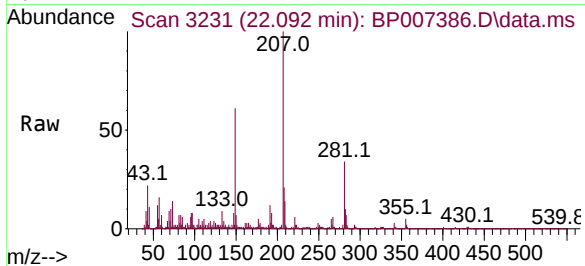




#85
Di-n-octyl phthalate
Concen: 8.655 ng
RT: 22.092 min Scan# 3231
Delta R.T. -0.006 min
Lab File: BP007386.D
Acq: 08 Oct 2021 22:08

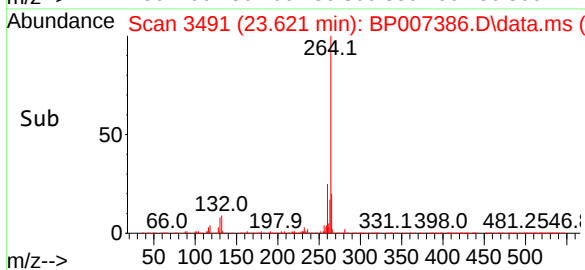
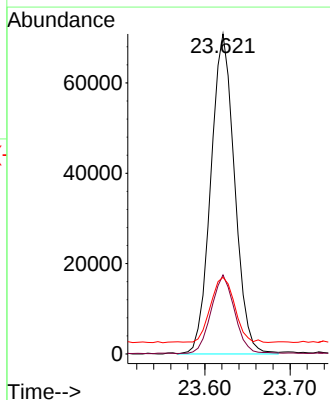
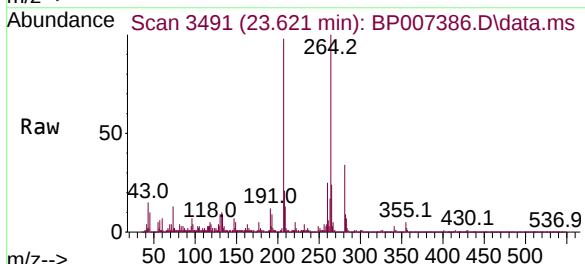
Instrument :
BNA_P
ClientSampled :
CC-34

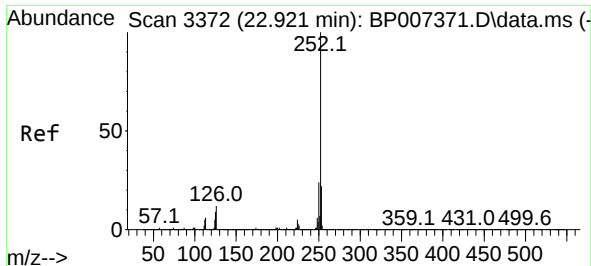
Tgt Ion:	149	Resp:	70449
Ion Ratio	Lower	Upper	
149	100		
167	1.3	1.4	2.0#
43	4.2	5.6	8.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.621 min Scan# 3491
Delta R.T. -0.018 min
Lab File: BP007386.D
Acq: 08 Oct 2021 22:08

Tgt Ion:	264	Resp:	137316
Ion Ratio	Lower	Upper	
264	100		
260	24.7	18.6	28.0
265	23.9	17.6	26.4

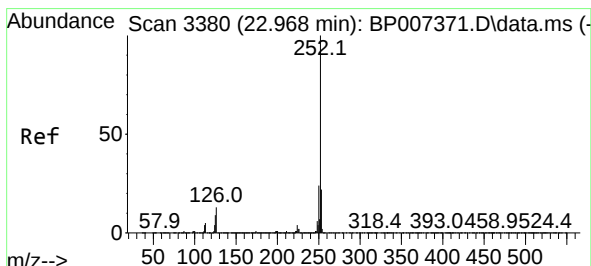
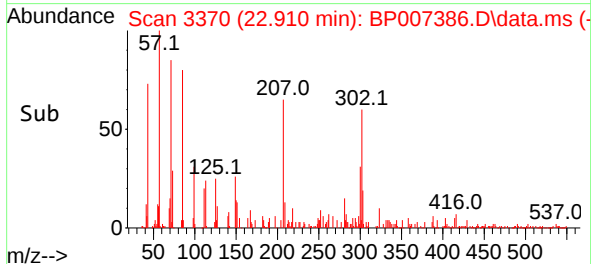
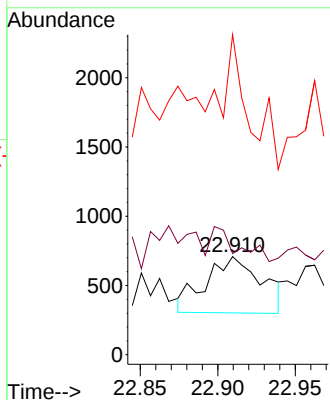
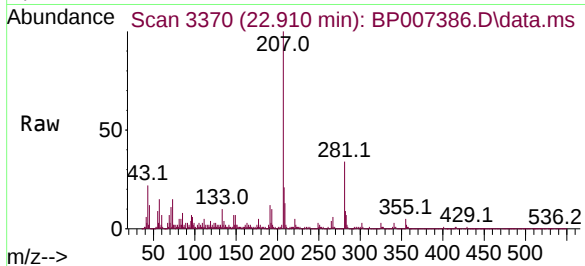




#88
Benzo(b)fluoranthene
Concen: Below Cal
RT: 22.910 min Scan# 3370
Delta R.T. -0.011 min
Lab File: BP007386.D
Acq: 08 Oct 2021 22:08

Instrument :
BNA_P
ClientSampled :
CC-34

Tgt Ion:252 Resp: 1019
Ion Ratio Lower Upper
252 100
253 103.0 17.5 26.3#
125 326.0 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: Below Cal
RT: 22.962 min Scan# 3379
Delta R.T. -0.006 min
Lab File: BP007386.D
Acq: 08 Oct 2021 22:08

Tgt Ion:252 Resp: 366
Ion Ratio Lower Upper
252 100
253 106.0 17.6 26.4#
125 306.5 6.0 9.0#

