

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100821\
 Data File : BP007382.D
 Acq On : 08 Oct 2021 19:51
 Operator : CG/JU
 Sample : M4077-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CC-30

Quant Time: Oct 09 06:18:44 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)

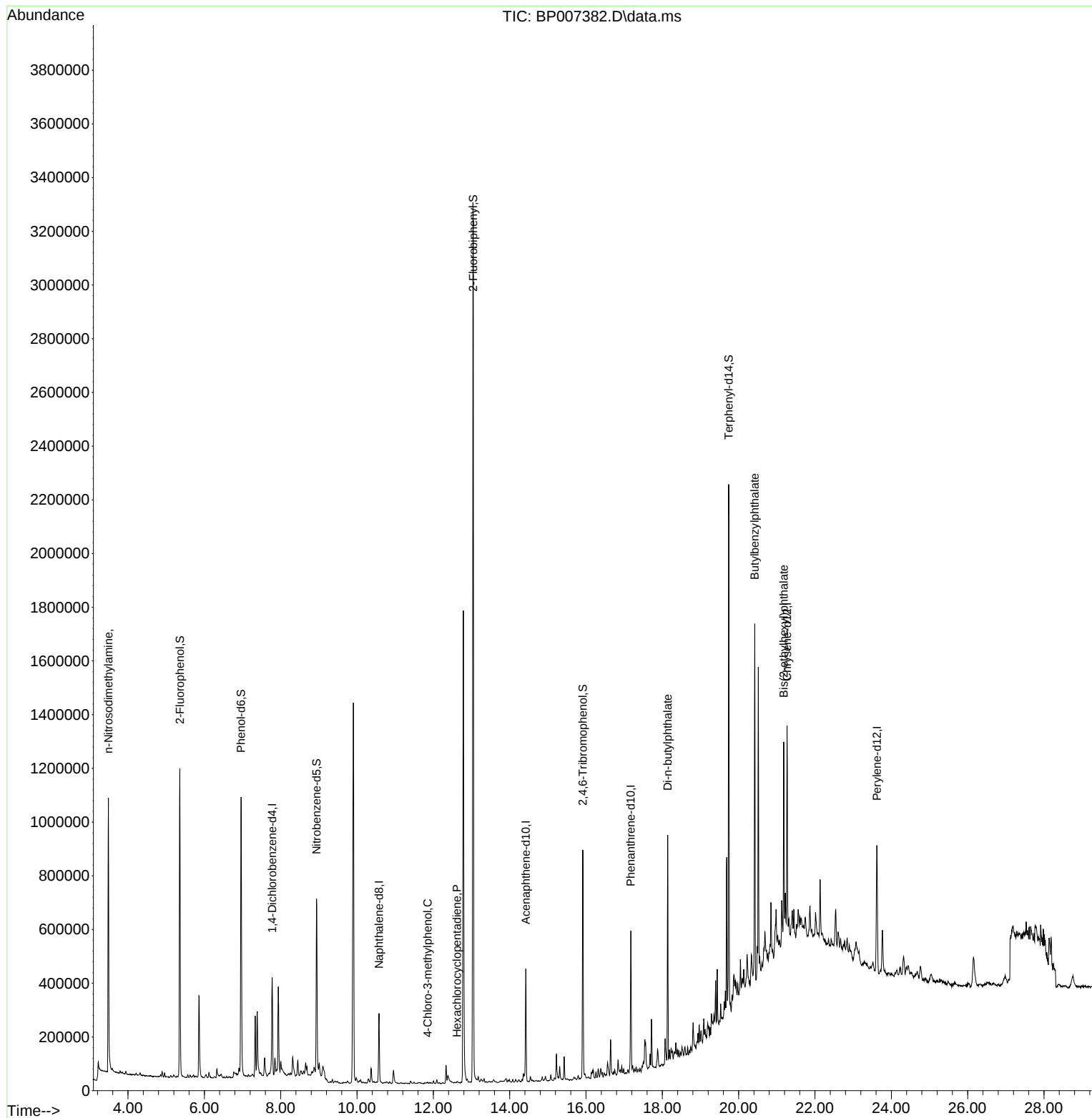
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	103200	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	220353	20.000	ng	0.00
39) Acenaphthene-d10	14.422	164	144073	20.000	ng	0.00
64) Phenanthrene-d10	17.174	188	314253	20.000	ng	-0.01
76) Chrysene-d12	21.268	240	332182	20.000	ng	-0.01
86) Perylene-d12	23.621	264	370894	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	523440	83.575	ng	0.00
7) Phenol-d6	6.963	99	646562	76.895	ng	0.00
23) Nitrobenzene-d5	8.940	82	378472	101.158	ng	-0.01
42) 2,4,6-Tribromophenol	15.916	330	201301	85.179	ng	-0.01
45) 2-Fluorobiphenyl	13.045	172	536923	52.074	ng	0.00
79) Terphenyl-d14	19.739	244	956323	50.777	ng	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	318	Below Cal	#	1
4) n-Nitrosodimethylamine	3.487	42	29844	11.710	ng	# 1
36) 4-Chloro-3-methylphenol	11.851	107	64	2.334	ng	# 20
41) Hexachlorocyclopentadiene	12.616	237	38	6.075	ng	89
66) n-Nitrosodiphenylamine	15.686	169	796	Below Cal	#	74
68) Hexachlorobenzene	16.469	284	46	Below Cal	#	1
69) Atrazine	16.827	200	236	Below Cal		83
74) Di-n-butylphthalate	18.139	149	616389	31.084	ng	98
80) Butylbenzylphthalate	20.421	149	411833	46.604	ng	89
84) Bis(2-ethylhexyl)phtha...	21.180	149	284737	23.152	ng	99
88) Benzo(b)fluoranthene	22.915	252	1014	Below Cal	#	1
89) Benzo(k)fluoranthene	22.951	252	538	Below Cal	#	1

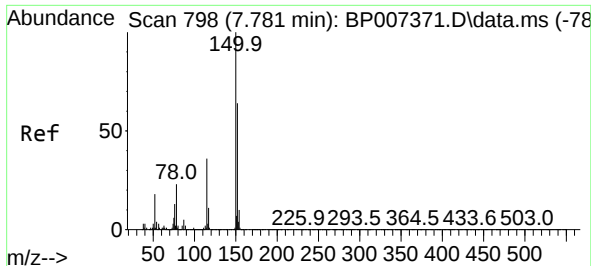
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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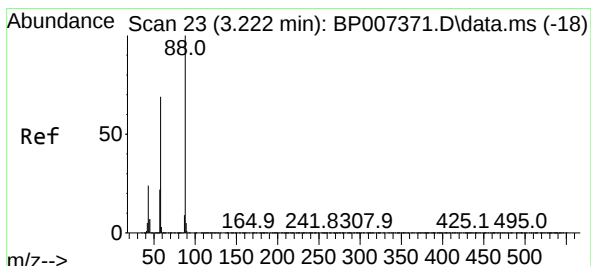
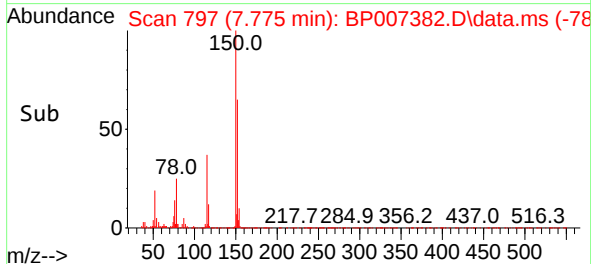
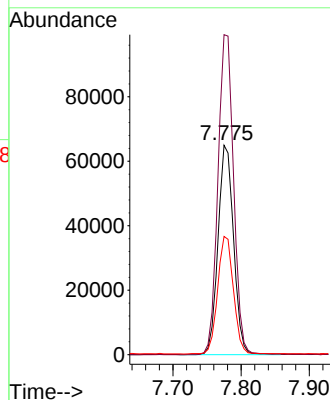
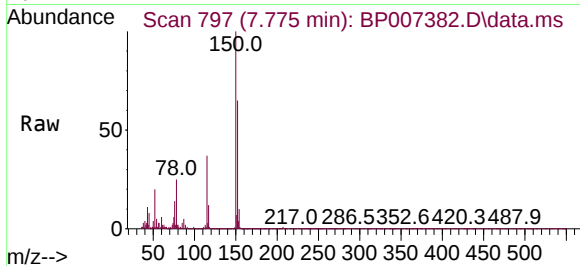




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BP007382.D
Acq: 08 Oct 2021 19:51

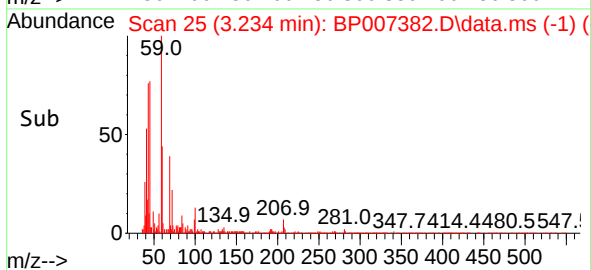
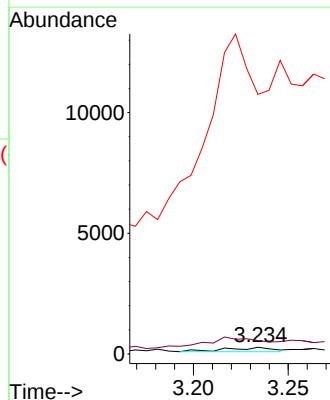
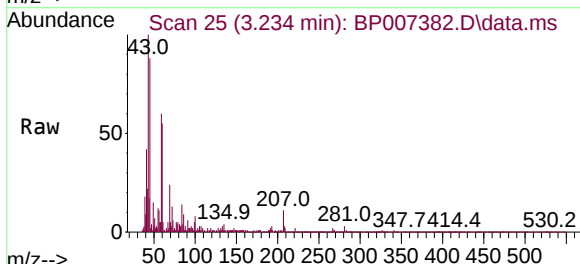
Instrument :
BNA_P
ClientSampled :
CC-30

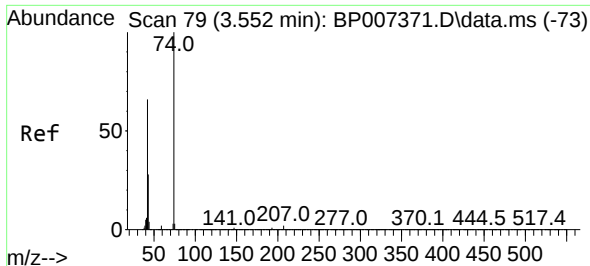
Tgt Ion:152 Resp: 103200
Ion Ratio Lower Upper
152 100
150 152.8 125.6 188.4
115 56.5 48.5 72.7



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.234 min Scan# 25
Delta R.T. 0.012 min
Lab File: BP007382.D
Acq: 08 Oct 2021 19:51

Tgt Ion: 88 Resp: 318
Ion Ratio Lower Upper
88 100
58 302.2 46.7 70.1#
43 4554.1 20.3 30.5#

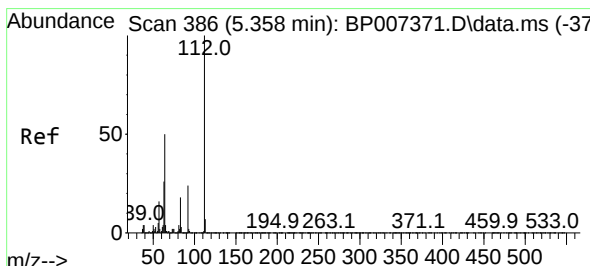
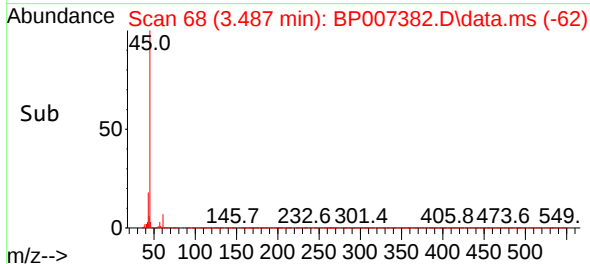
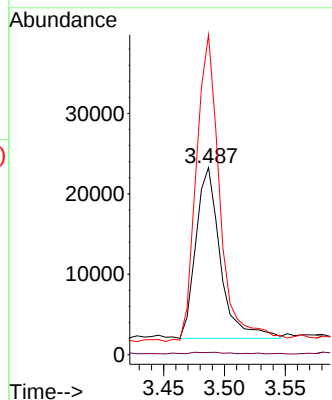
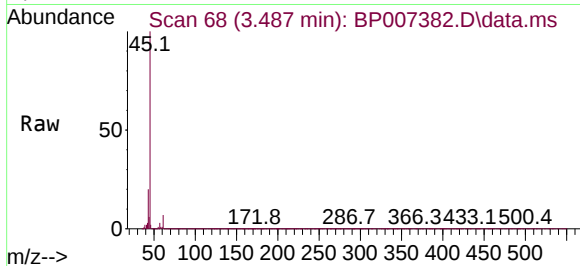




#4
n-Nitrosodimethylamine
Concen: 11.710 ng
RT: 3.487 min Scan# 68
Delta R.T. -0.065 min
Lab File: BP007382.D
Acq: 08 Oct 2021 19:51

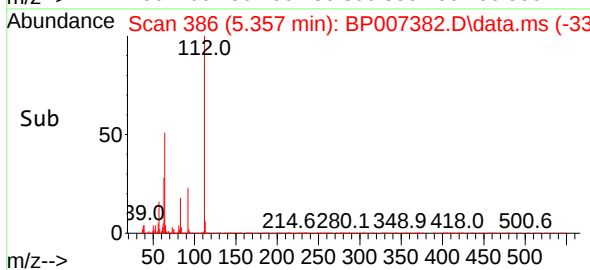
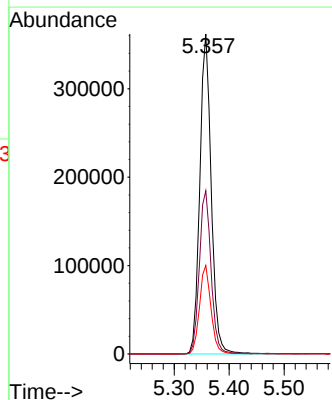
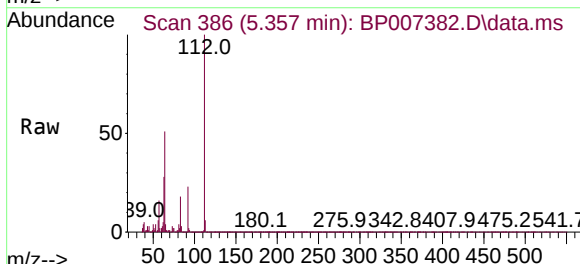
Instrument :
BNA_P
ClientSampleId :
CC-30

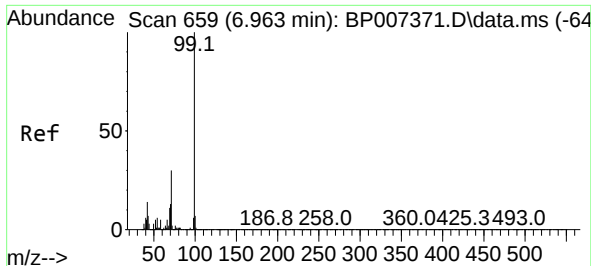
Tgt Ion: 42 Resp: 29844
Ion Ratio Lower Upper
42 100
74 1.2 105.4 158.0#
44 170.9 4.2 6.4#



#5
2-Fluorophenol
Concen: 83.575 ng
RT: 5.357 min Scan# 386
Delta R.T. -0.001 min
Lab File: BP007382.D
Acq: 08 Oct 2021 19:51

Tgt Ion: 112 Resp: 523440
Ion Ratio Lower Upper
112 100
64 51.0 41.4 62.2
63 27.6 23.8 35.8

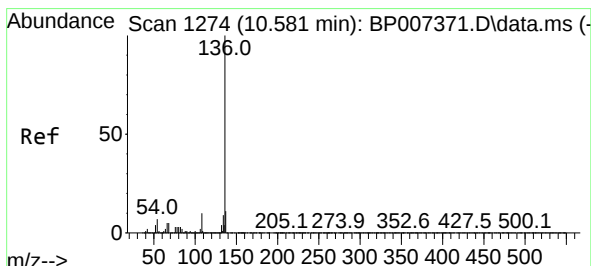
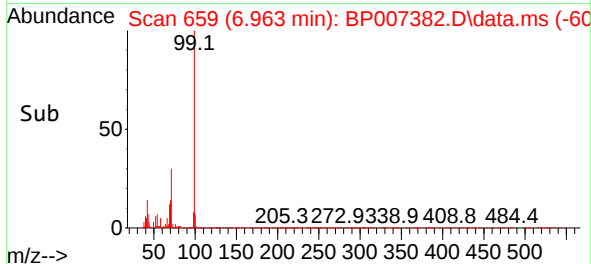
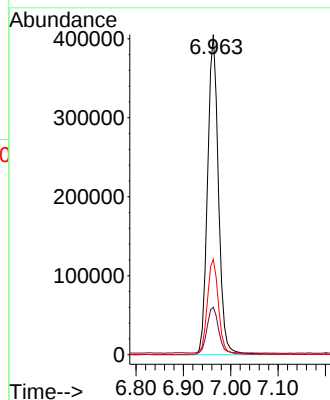
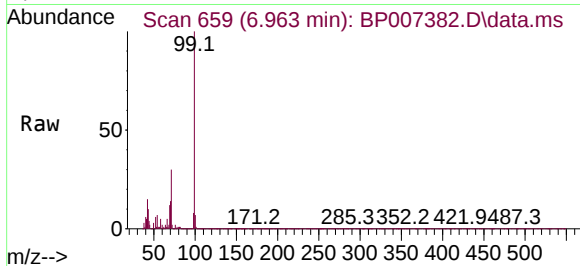




#7
Phenol-d6
Concen: 76.895 ng
RT: 6.963 min Scan# 659
Delta R.T. 0.000 min
Lab File: BP007382.D
Acq: 08 Oct 2021 19:51

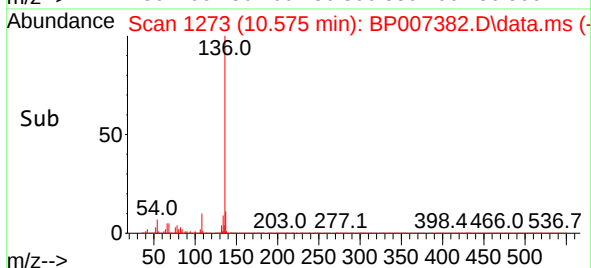
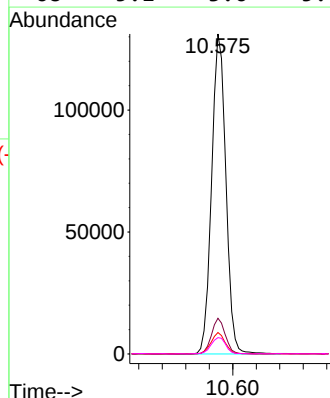
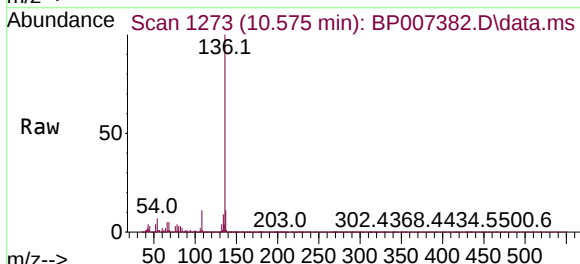
Instrument :
BNA_P
ClientSampleId :
CC-30

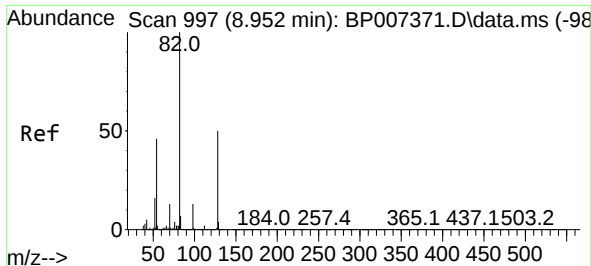
Tgt Ion:	99	Resp:	646562
Ion	Ratio	Lower	Upper
99	100		
42	14.8	13.4	20.0
71	29.8	30.6	46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP007382.D
Acq: 08 Oct 2021 19:51

Tgt Ion:	136	Resp:	220353
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	6.7	4.6	6.8
68	5.1	3.6	5.4

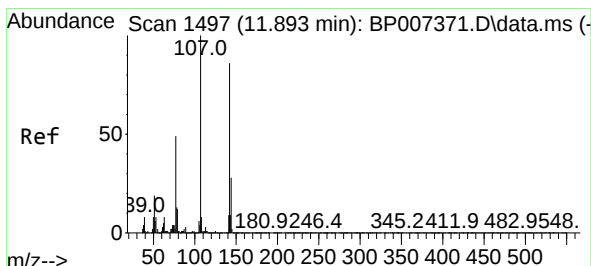
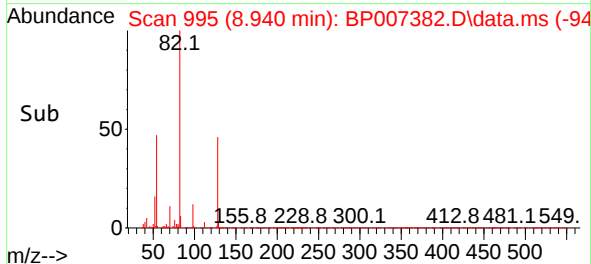
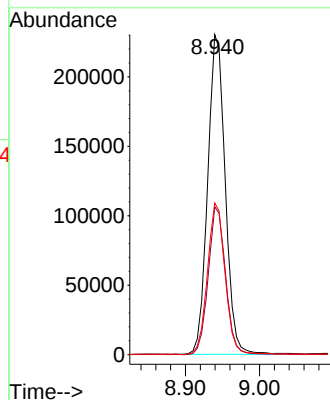
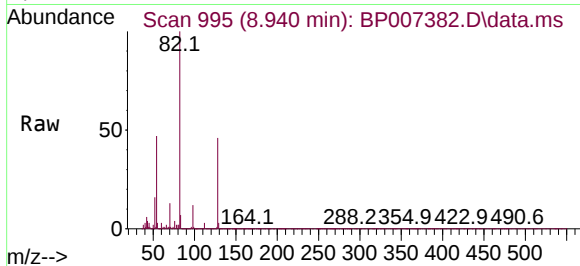




#23
Nitrobenzene-d5
Concen: 101.158 ng
RT: 8.940 min Scan# 995
Delta R.T. -0.012 min
Lab File: BP007382.D
Acq: 08 Oct 2021 19:51

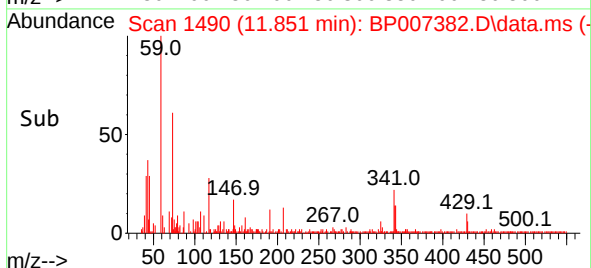
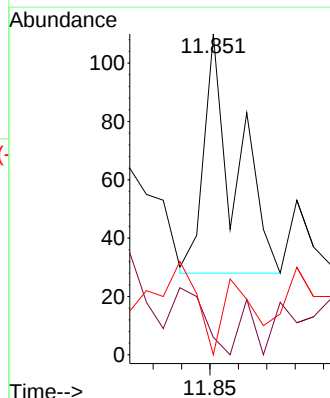
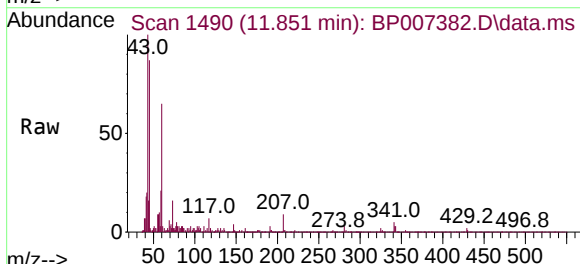
Instrument :
BNA_P
ClientSampled :
CC-30

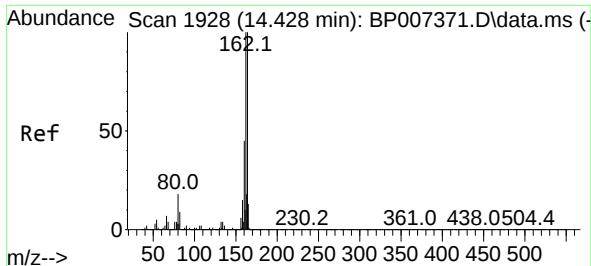
Tgt Ion: 82 Resp: 378472
Ion Ratio Lower Upper
82 100
128 46.2 35.7 53.5
54 47.4 35.0 52.4



#36
4-Chloro-3-methylphenol
Concen: 2.334 ng
RT: 11.851 min Scan# 1490
Delta R.T. -0.042 min
Lab File: BP007382.D
Acq: 08 Oct 2021 19:51

Tgt Ion: 107 Resp: 64
Ion Ratio Lower Upper
107 100
144 5.5 21.1 31.7#
142 0.0 66.0 99.0#

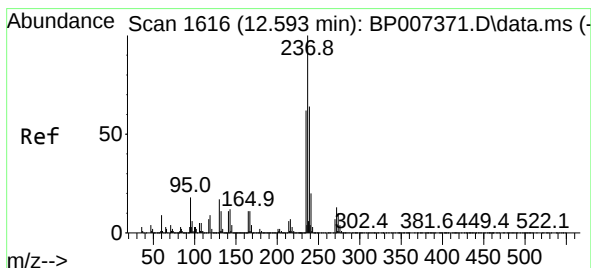
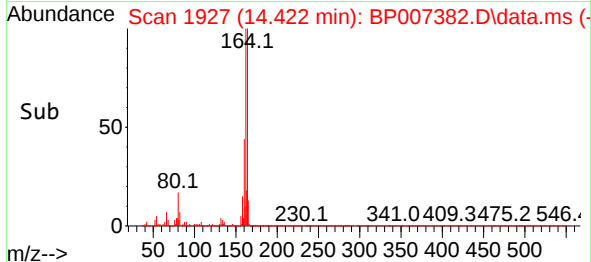
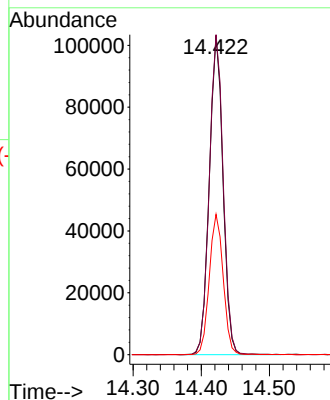
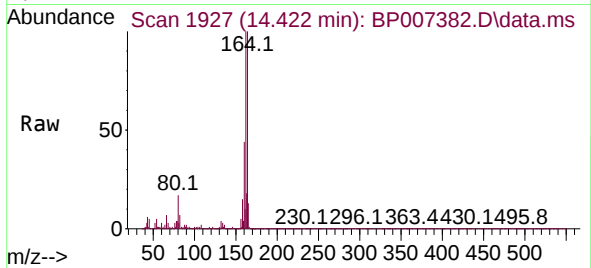




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP007382.D
Acq: 08 Oct 2021 19:51

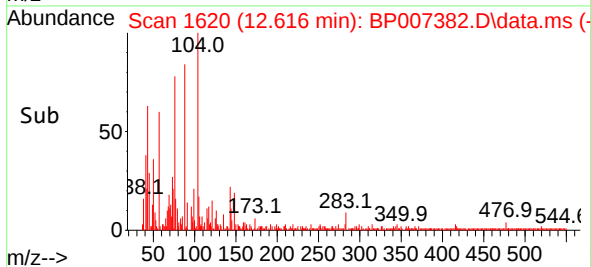
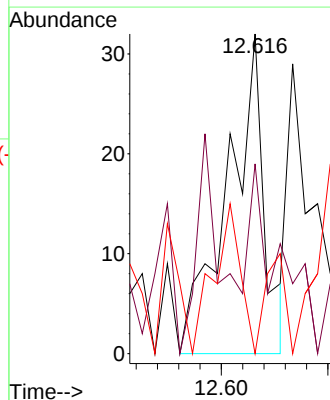
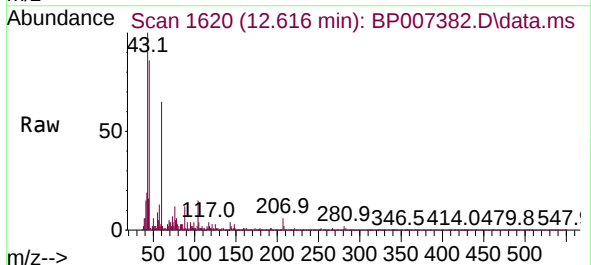
Instrument :
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ClientSampleId :
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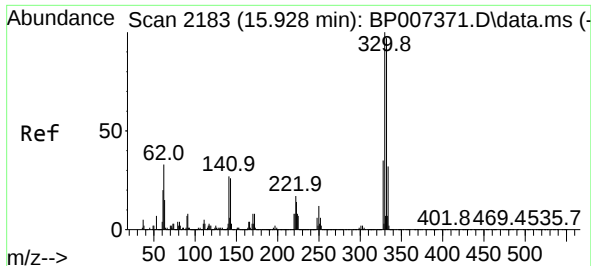
Tgt Ion:164	Resp: 144073
Ion Ratio	Lower Upper
164	100
162	100.3 80.2 120.2
160	44.0 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 6.075 ng
RT: 12.616 min Scan# 1620
Delta R.T. 0.023 min
Lab File: BP007382.D
Acq: 08 Oct 2021 19:51

Tgt Ion:237	Resp: 38
Ion Ratio	Lower Upper
237	100
235	59.4 44.5 84.5
272	0.0 0.0 32.5

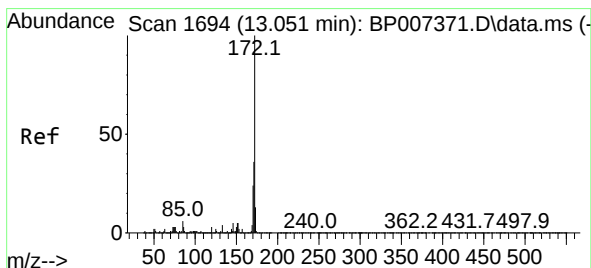
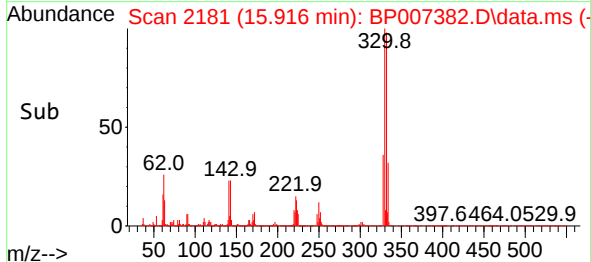
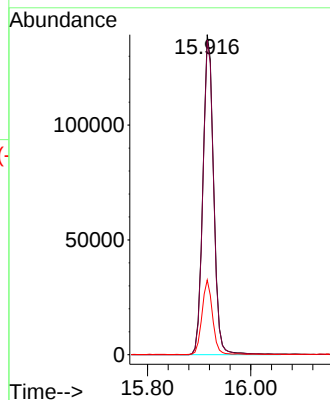
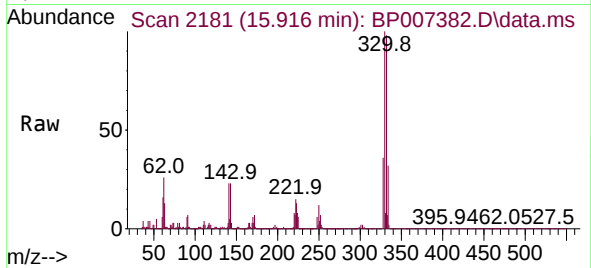




#42
2,4,6-Tribromophenol
Concen: 85.179 ng
RT: 15.916 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BP007382.D
Acq: 08 Oct 2021 19:51

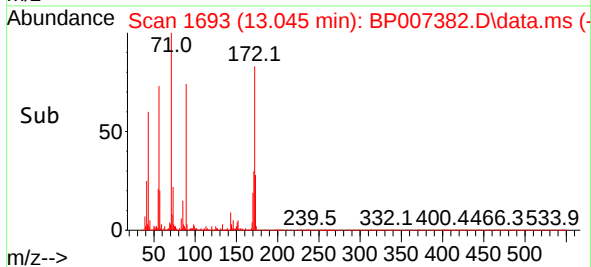
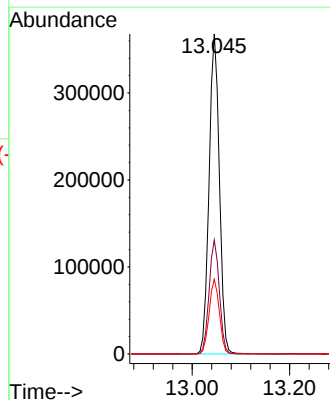
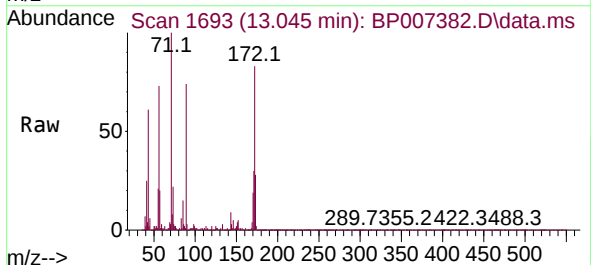
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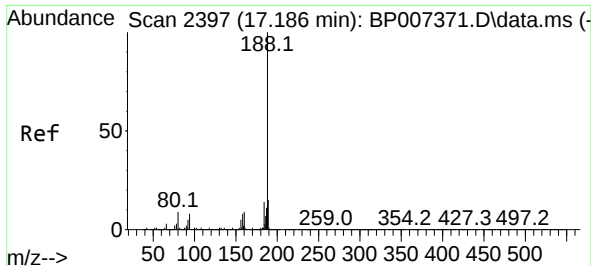
Tgt Ion:330 Resp: 201301
Ion Ratio Lower Upper
330 100
332 98.0 77.8 116.8
141 22.7 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 52.074 ng
RT: 13.045 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BP007382.D
Acq: 08 Oct 2021 19:51

Tgt Ion:172 Resp: 536923
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.3 18.6 27.8

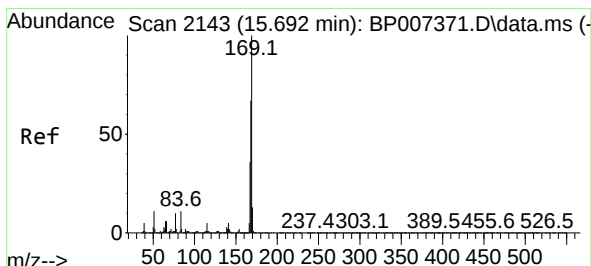
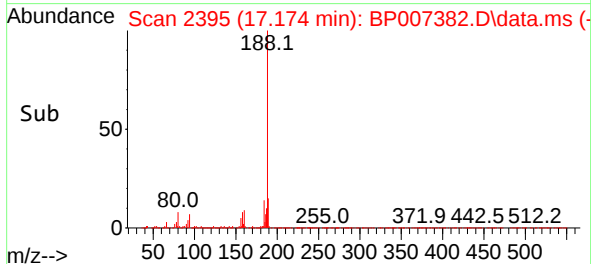
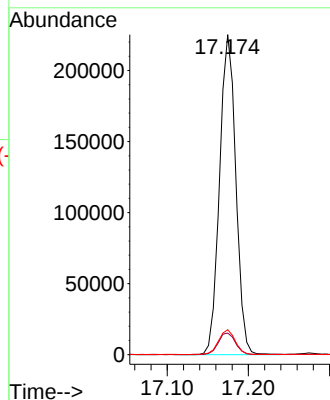
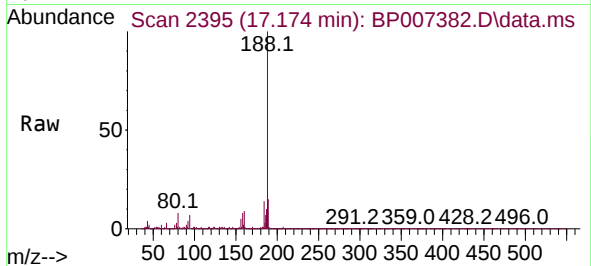




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.174 min Scan# 2395
Delta R.T. -0.012 min
Lab File: BP007382.D
Acq: 08 Oct 2021 19:51

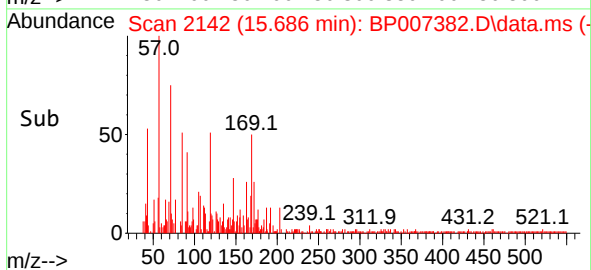
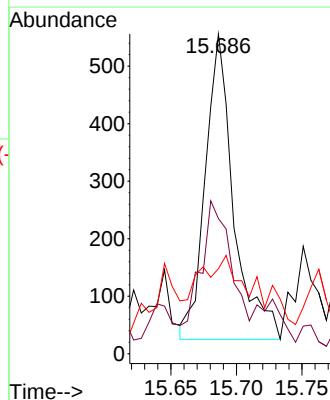
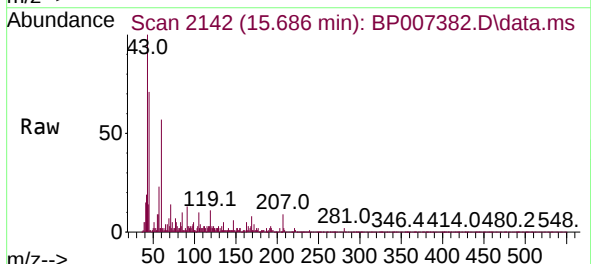
Instrument :
BNA_P
ClientSampled :
CC-30

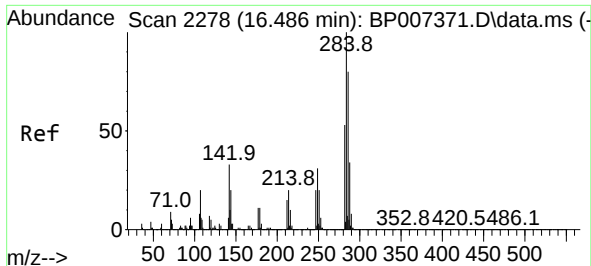
Tgt Ion:188 Resp: 314253
Ion Ratio Lower Upper
188 100
94 6.7 5.6 8.4
80 7.8 6.3 9.5



#66
n-Nitrosodiphenylamine
Concen: Below Cal
RT: 15.686 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BP007382.D
Acq: 08 Oct 2021 19:51

Tgt Ion:169 Resp: 796
Ion Ratio Lower Upper
169 100
168 42.3 54.4 81.6#
167 26.6 29.0 43.6#

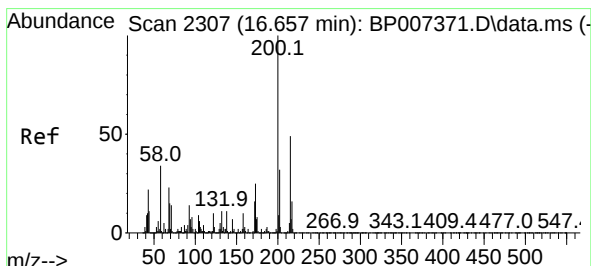
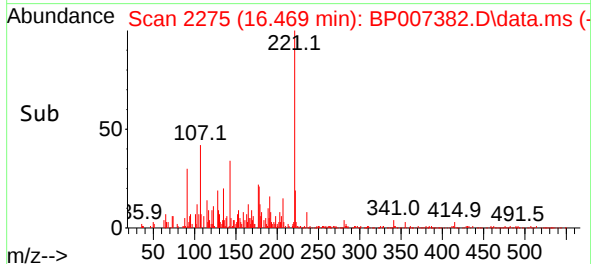
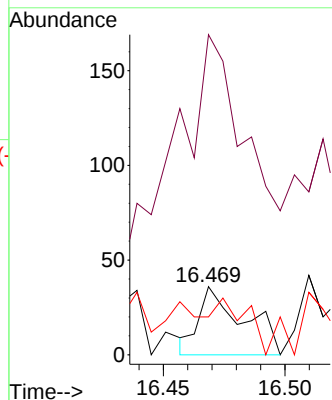
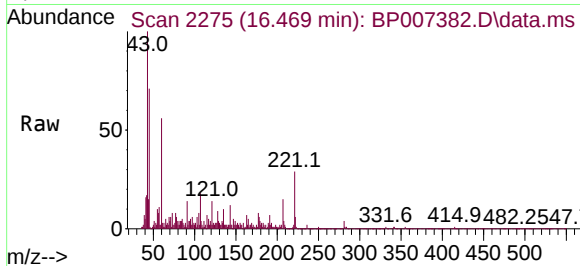




#68
Hexachlorobenzene
Concen: Below Cal
RT: 16.469 min Scan# 2275
Delta R.T. -0.017 min
Lab File: BP007382.D
Acq: 08 Oct 2021 19:51

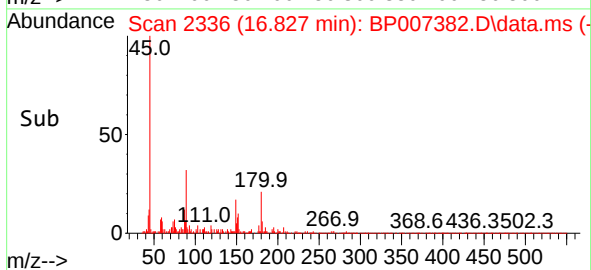
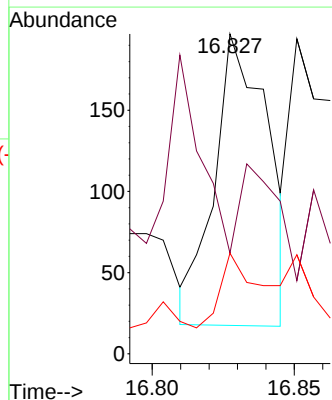
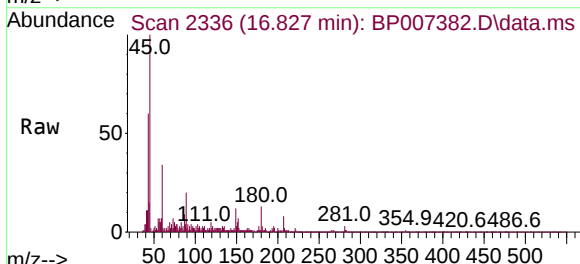
Instrument :
BNA_P
ClientSampled :
CC-30

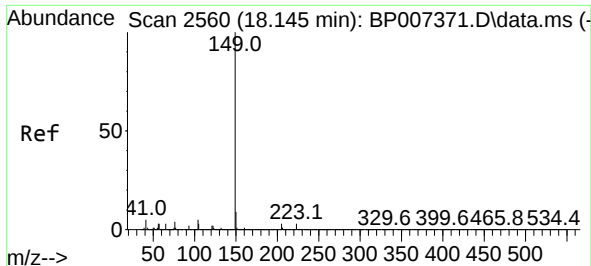
Tgt Ion:284 Resp: 46
Ion Ratio Lower Upper
284 100
142 469.4 26.9 40.3#
249 113.9 24.5 36.7#



#69
Atrazine
Concen: Below Cal
RT: 16.827 min Scan# 2336
Delta R.T. 0.170 min
Lab File: BP007382.D
Acq: 08 Oct 2021 19:51

Tgt Ion:200 Resp: 236
Ion Ratio Lower Upper
200 100
173 31.5 4.1 44.1
215 35.5 27.7 67.7

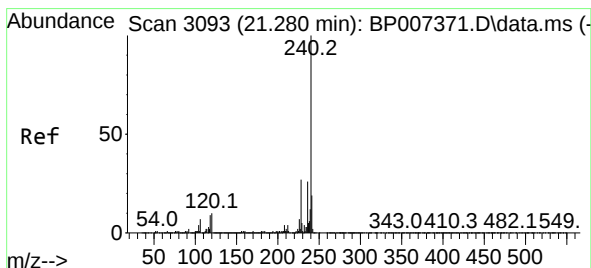
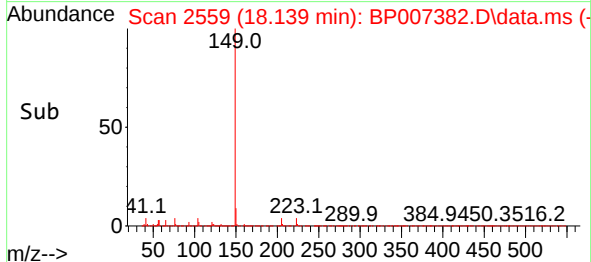
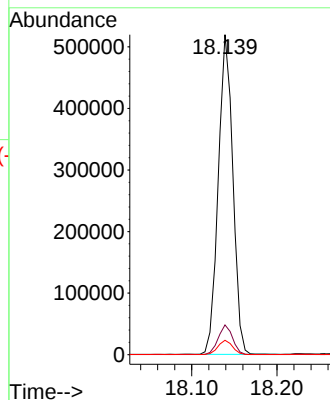
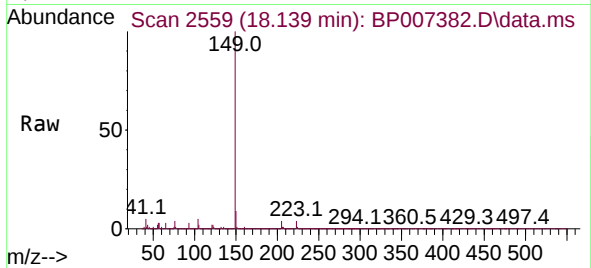




#74
Di-n-butylphthalate
Concen: 31.084 ng
RT: 18.139 min Scan# 2559
Delta R.T. -0.006 min
Lab File: BP007382.D
Acq: 08 Oct 2021 19:51

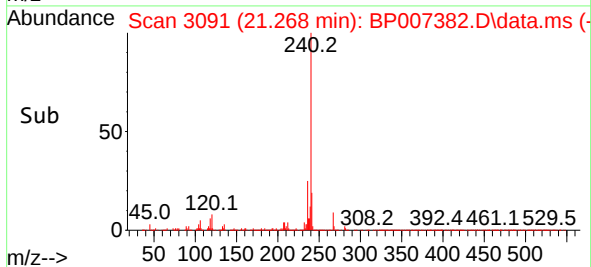
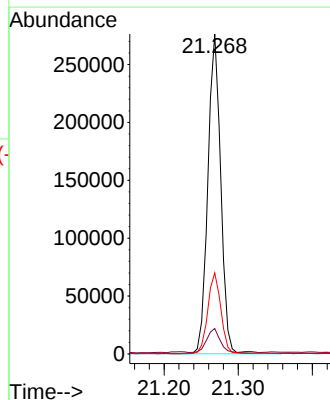
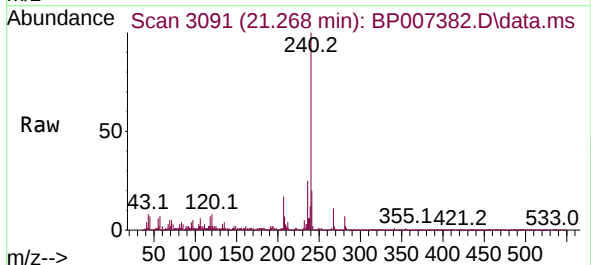
Instrument :
BNA_P
ClientSampleId :
CC-30

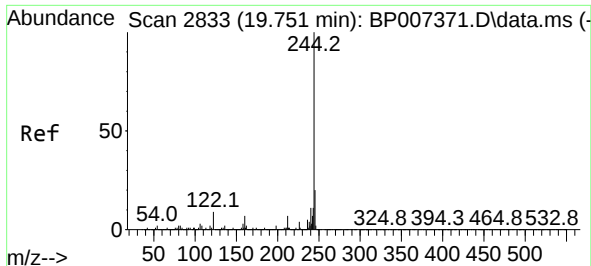
Tgt Ion:149	Resp: 616389
Ion Ratio	Lower Upper
149 100	
150 9.3	7.3 10.9
104 4.5	4.5 6.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.268 min Scan# 3091
Delta R.T. -0.012 min
Lab File: BP007382.D
Acq: 08 Oct 2021 19:51

Tgt Ion:240	Resp: 332182
Ion Ratio	Lower Upper
240 100	
120 7.9	6.5 9.7
236 25.4	20.6 31.0

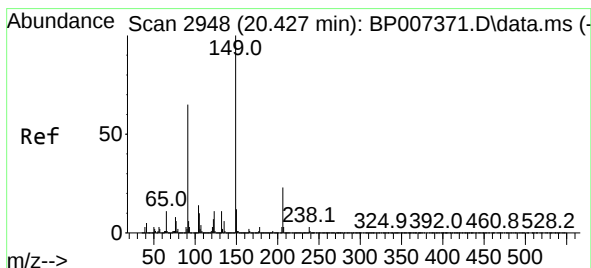
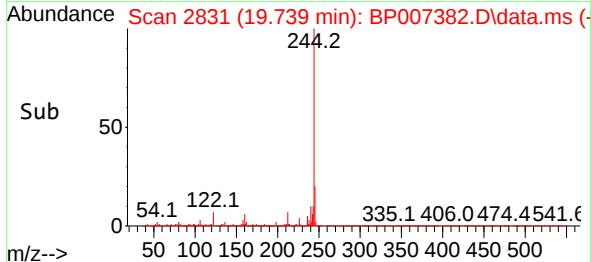
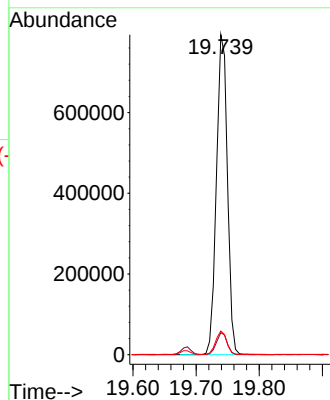
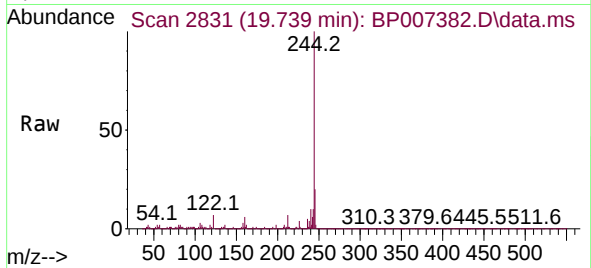




#79
 Terphenyl-d14
 Concen: 50.777 ng
 RT: 19.739 min Scan# 2831
 Delta R.T. -0.012 min
 Lab File: BP007382.D
 Acq: 08 Oct 2021 19:51

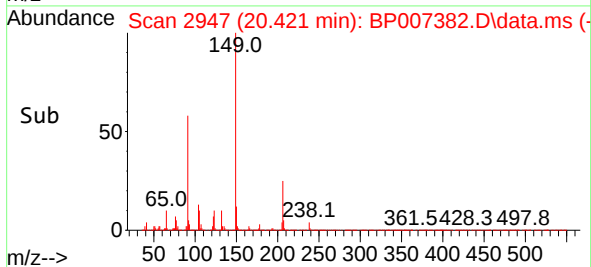
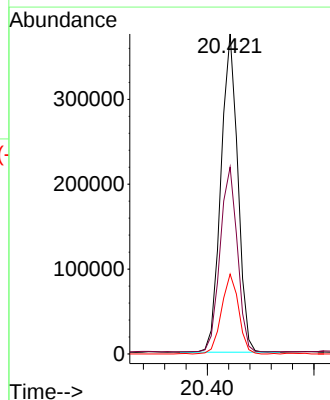
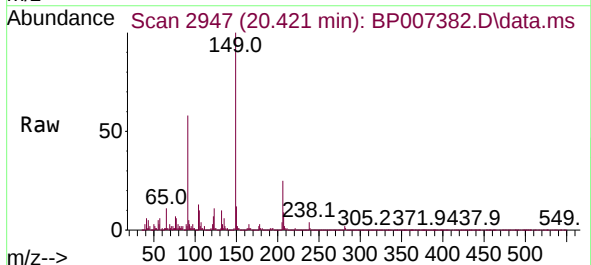
Instrument :
 BNA_P
 ClientSampleId :
 CC-30

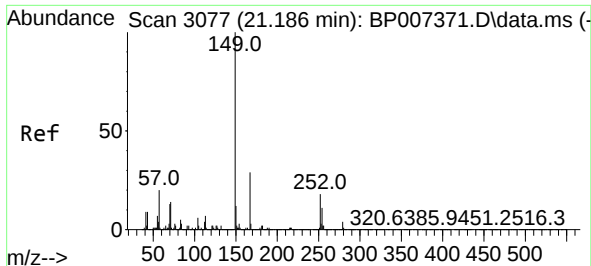
Tgt Ion:244	Resp:	956323
Ion Ratio	Lower	Upper
244	100	
212	6.9	6.0 9.0
122	7.4	7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 46.604 ng
 RT: 20.421 min Scan# 2947
 Delta R.T. -0.006 min
 Lab File: BP007382.D
 Acq: 08 Oct 2021 19:51

Tgt Ion:149	Resp:	411833
Ion Ratio	Lower	Upper
149	100	
91	58.4	54.6 81.8
206	25.0	16.7 25.1

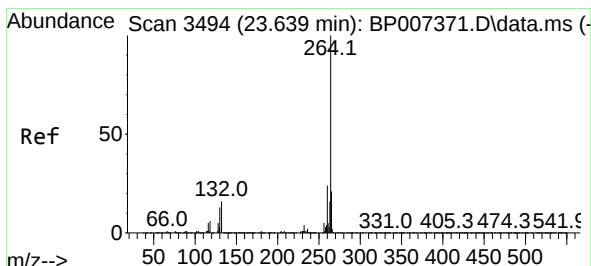
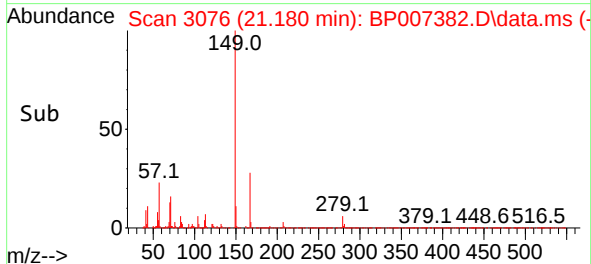
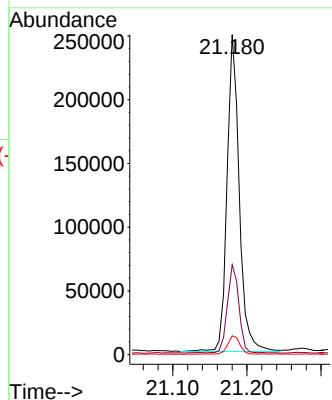
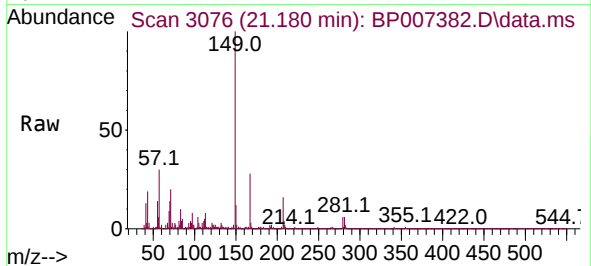




#84
Bis(2-ethylhexyl)phthalate
Concen: 23.152 ng
RT: 21.180 min Scan# 3076
Delta R.T. -0.006 min
Lab File: BP007382.D
Acq: 08 Oct 2021 19:51

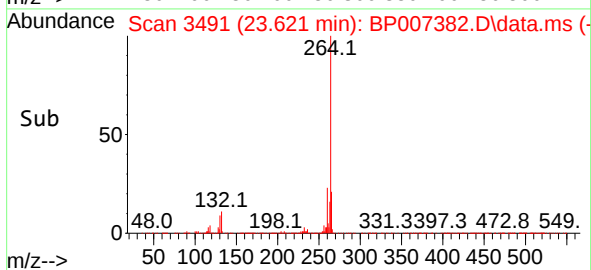
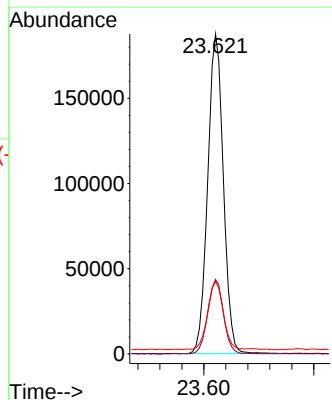
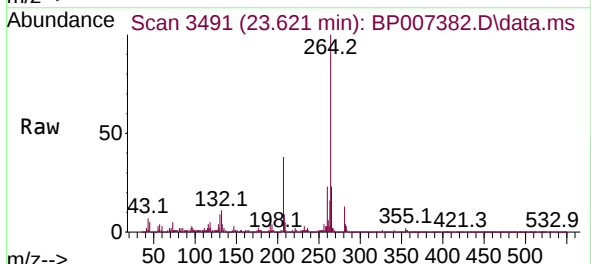
Instrument :
BNA_P
ClientSampled :
CC-30

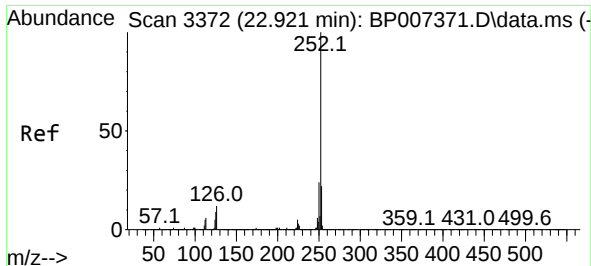
Tgt Ion:149 Resp: 284737
Ion Ratio Lower Upper
149 100
167 28.1 21.9 32.9
279 5.9 4.3 6.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.621 min Scan# 3491
Delta R.T. -0.018 min
Lab File: BP007382.D
Acq: 08 Oct 2021 19:51

Tgt Ion:264 Resp: 370894
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 22.7 17.6 26.4

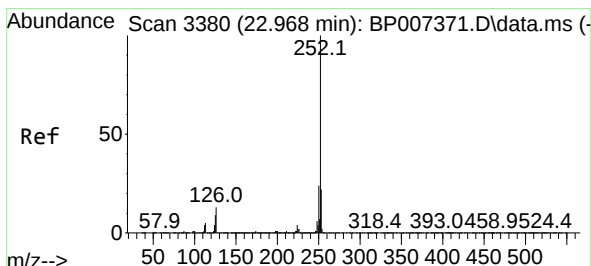
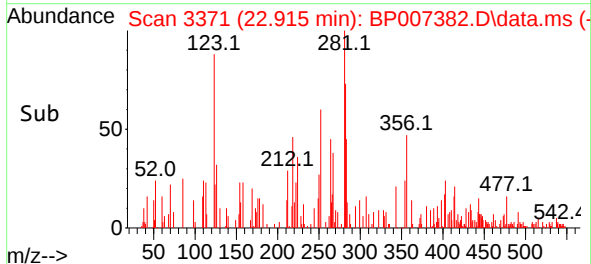
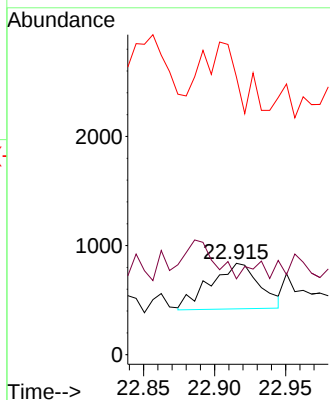
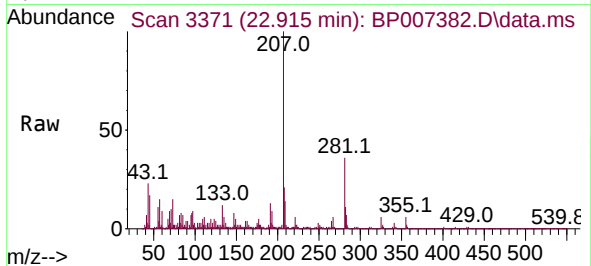




#88
Benzo(b)fluoranthene
Concen: Below Cal
RT: 22.915 min Scan# 3371
Delta R.T. -0.006 min
Lab File: BP007382.D
Acq: 08 Oct 2021 19:51

Instrument :
BNA_P
ClientSampled :
CC-30

Tgt Ion:252 Resp: 1014
Ion Ratio Lower Upper
252 100
253 83.0 17.5 26.3#
125 304.1 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: Below Cal
RT: 22.951 min Scan# 3377
Delta R.T. -0.017 min
Lab File: BP007382.D
Acq: 08 Oct 2021 19:51

Tgt Ion:252 Resp: 538
Ion Ratio Lower Upper
252 100
253 98.7 17.6 26.4#
125 333.6 6.0 9.0#

