

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100821\
 Data File : BP007390.D
 Acq On : 09 Oct 2021 00:24
 Operator : CG/JU
 Sample : M4077-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CC-26

Quant Time: Oct 09 06:20:35 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)

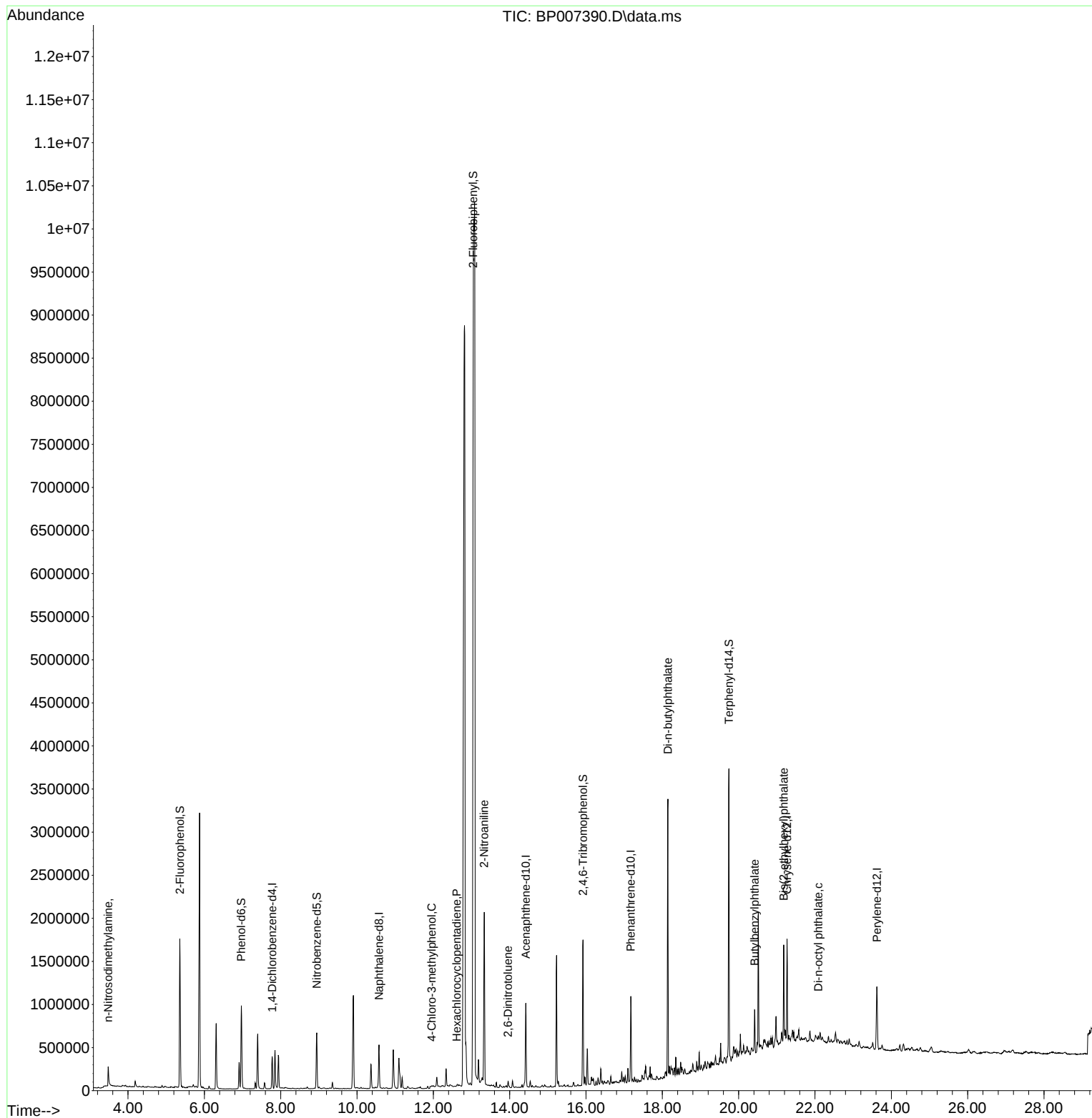
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	107972	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	424854	20.000	ng	0.00
39) Acenaphthene-d10	14.422	164	287066	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	616657	20.000	ng	-0.01
76) Chrysene-d12	21.268	240	521450	20.000	ng	-0.01
86) Perylene-d12	23.621	264	564903	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	824819	125.875	ng	0.00
7) Phenol-d6	6.969	99	608346	69.152	ng	0.00
23) Nitrobenzene-d5	8.946	82	370937	51.421	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	421439	89.500	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	1653946	80.507	ng	0.00
79) Terphenyl-d14	19.745	244	1699251	57.476	ng	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.246	88	284	Below Cal	#	84
4) n-Nitrosodimethylamine	3.481	42	8307	3.115 ng	#	1
36) 4-Chloro-3-methylphenol	11.957	107	3196	2.761 ng	#	20
41) Hexachlorocyclopentadiene	12.610	237	17	6.059 ng	#	80
48) 2-Nitroaniline	13.334	65	34298	7.878 ng	#	11
51) 2,6-Dinitrotoluene	13.957	165	11914	2.587 ng	#	33
66) n-Nitrosodiphenylamine	15.686	169	627	Below Cal	#	88
68) Hexachlorobenzene	16.475	284	23	Below Cal	#	1
69) Atrazine	16.633	200	160	Below Cal	#	39
74) Di-n-butylphthalate	18.145	149	2498356	64.205 ng	#	98
80) Butylbenzylphthalate	20.421	149	165995	11.966 ng	#	88
84) Bis(2-ethylhexyl)phtha...	21.180	149	464122	24.040 ng	#	96
85) Di-n-octyl phthalate	22.086	149	70502	2.142 ng	#	91
88) Benzo(b)fluoranthene	22.904	252	1358	Below Cal	#	1
89) Benzo(k)fluoranthene	22.904	252	1358	Below Cal	#	1

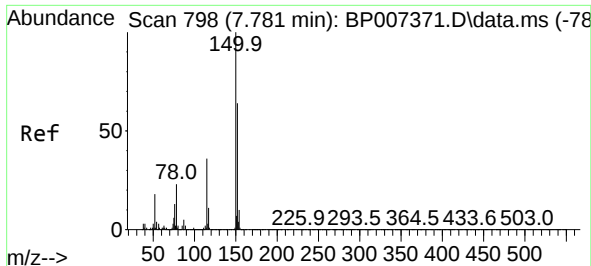
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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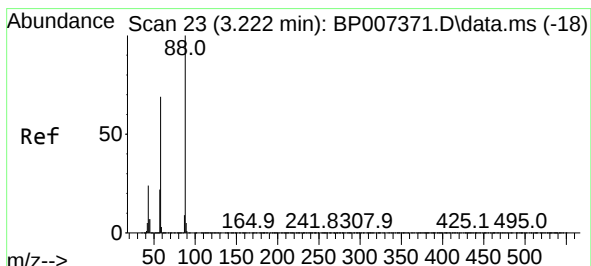
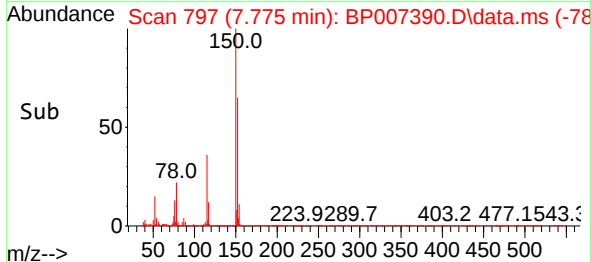
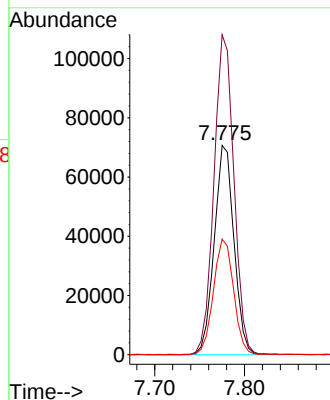
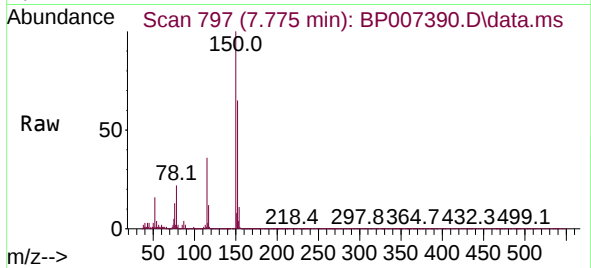




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BP007390.D
Acq: 09 Oct 2021 00:24

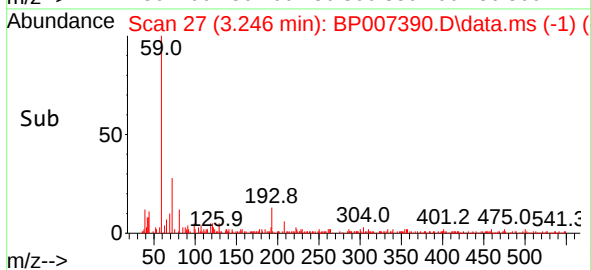
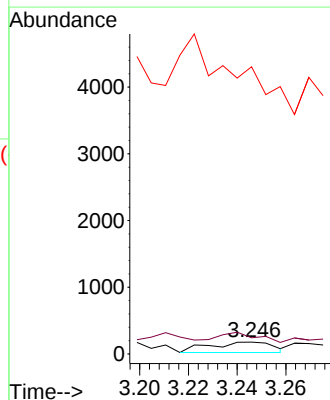
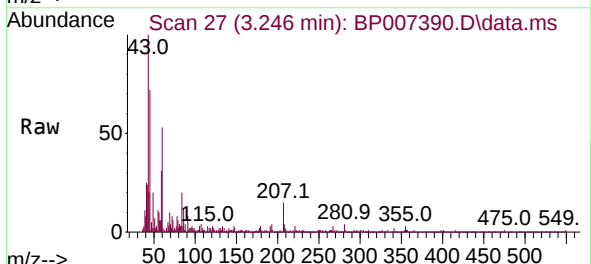
Instrument :
BNA_P
ClientSampled :
CC-26

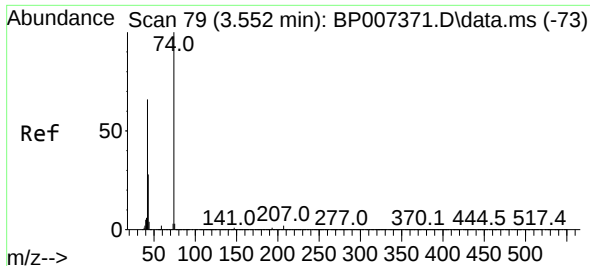
Tgt Ion:152 Resp: 107972
Ion Ratio Lower Upper
152 100
150 152.9 125.6 188.4
115 55.2 48.5 72.7



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.246 min Scan# 27
Delta R.T. 0.024 min
Lab File: BP007390.D
Acq: 09 Oct 2021 00:24

Tgt Ion: 88 Resp: 284
Ion Ratio Lower Upper
88 100
58 59.2 46.7 70.1
43 0.0 20.3 30.5

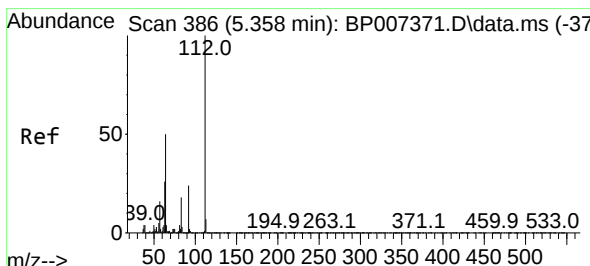
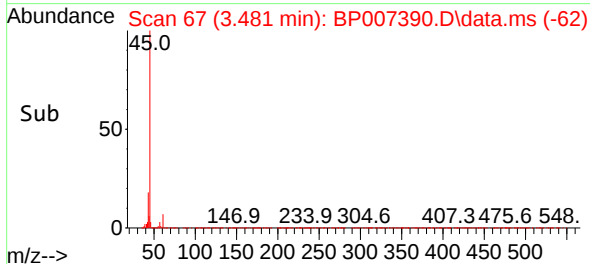
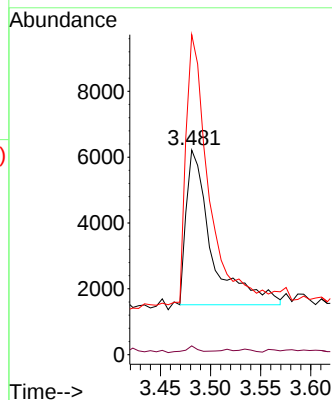
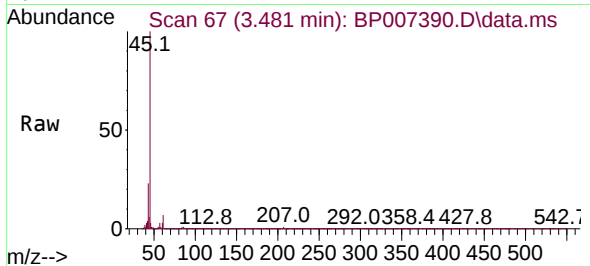




#4
n-Nitrosodimethylamine
Concen: 3.115 ng
RT: 3.481 min Scan# 67
Delta R.T. -0.071 min
Lab File: BP007390.D
Acq: 09 Oct 2021 00:24

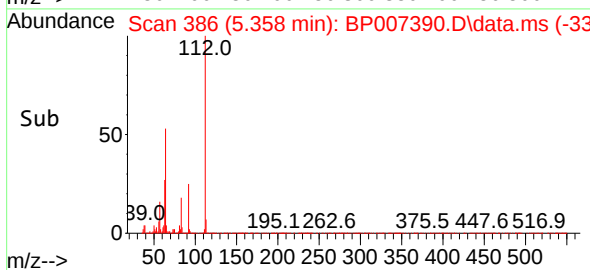
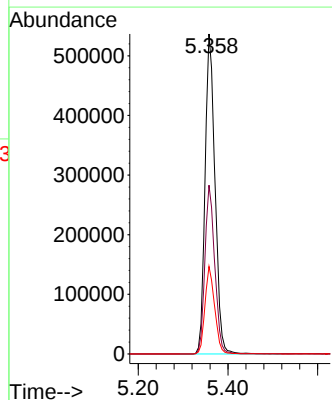
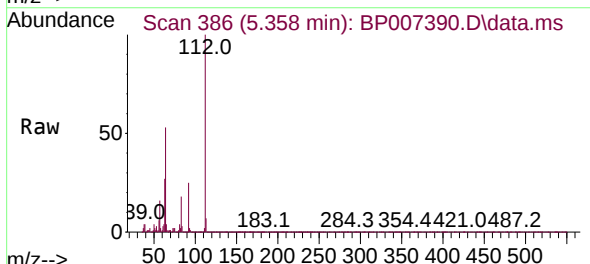
Instrument :
BNA_P
ClientSampleId :
CC-26

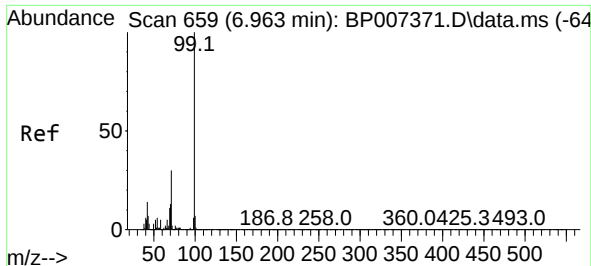
Tgt Ion: 42 Resp: 8307
Ion Ratio Lower Upper
42 100
74 4.3 105.4 158.0#
44 156.4 4.2 6.4#



#5
2-Fluorophenol
Concen: 125.875 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.000 min
Lab File: BP007390.D
Acq: 09 Oct 2021 00:24

Tgt Ion: 112 Resp: 824819
Ion Ratio Lower Upper
112 100
64 52.8 41.4 62.2
63 27.4 23.8 35.8

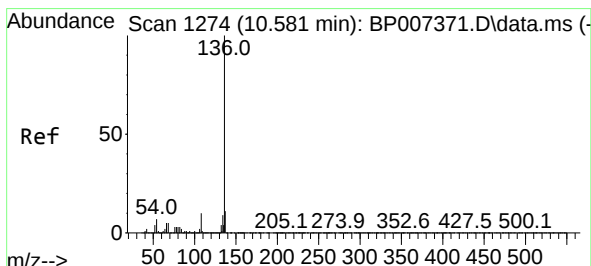
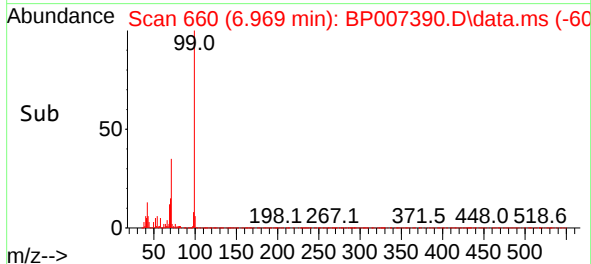
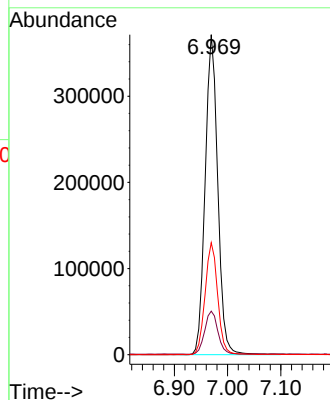
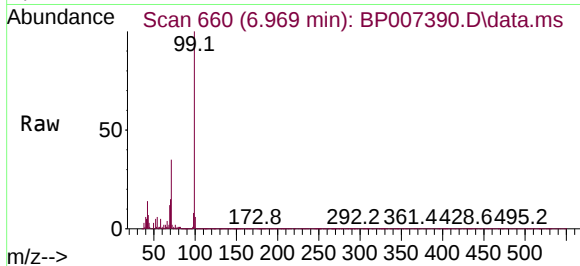




#7
Phenol-d6
Concen: 69.152 ng
RT: 6.969 min Scan# 660
Delta R.T. 0.006 min
Lab File: BP007390.D
Acq: 09 Oct 2021 00:24

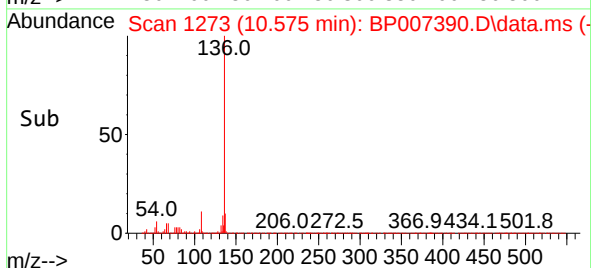
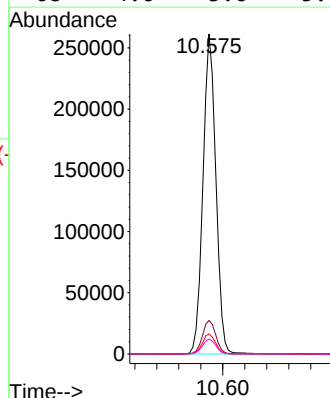
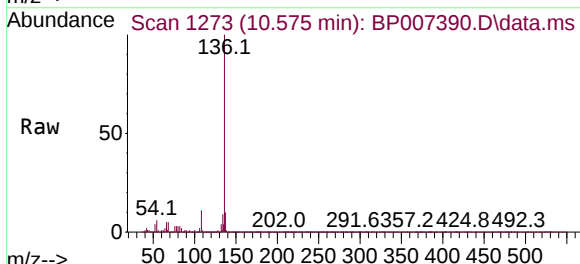
Instrument :
BNA_P
ClientSampleId :
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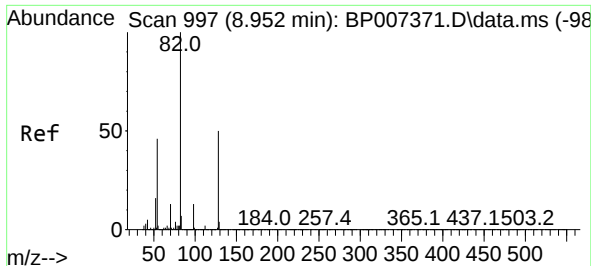
Tgt Ion:	99	Resp:	608346
Ion	Ratio	Lower	Upper
99	100		
42	13.6	13.4	20.0
71	35.0	30.6	46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP007390.D
Acq: 09 Oct 2021 00:24

Tgt Ion:	136	Resp:	424854
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	12.8
54	6.2	4.6	6.8
68	4.6	3.6	5.4

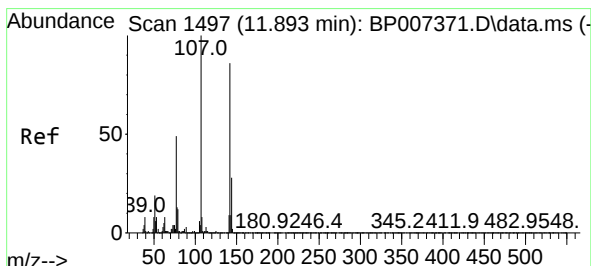
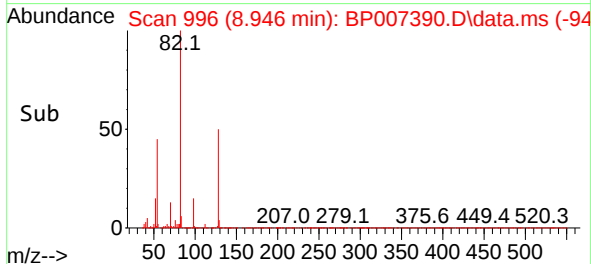
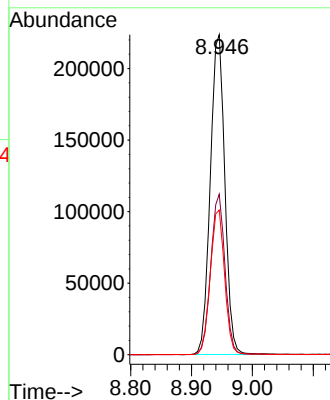
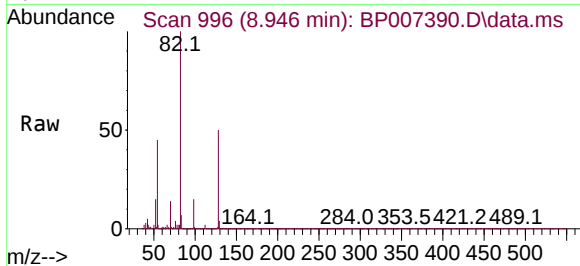




#23
Nitrobenzene-d5
Concen: 51.421 ng
RT: 8.946 min Scan# 996
Delta R.T. -0.006 min
Lab File: BP007390.D
Acq: 09 Oct 2021 00:24

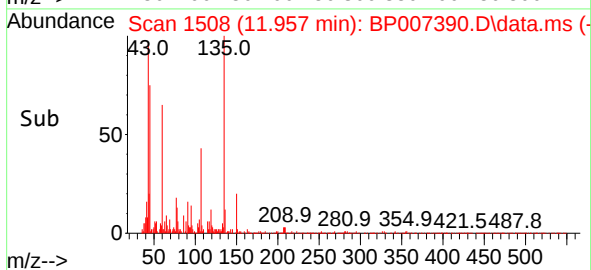
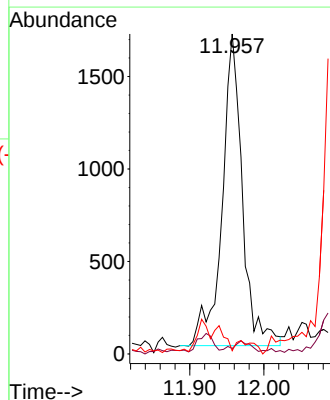
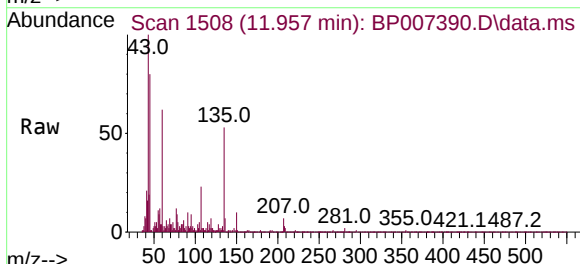
Instrument :
BNA_P
ClientSampled :
CC-26

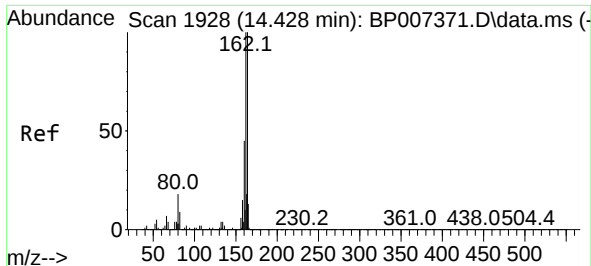
Tgt Ion: 82 Resp: 370937
Ion Ratio Lower Upper
82 100
128 50.2 35.7 53.5
54 45.2 35.0 52.4



#36
4-Chloro-3-methylphenol
Concen: 2.761 ng
RT: 11.957 min Scan# 1508
Delta R.T. 0.064 min
Lab File: BP007390.D
Acq: 09 Oct 2021 00:24

Tgt Ion: 107 Resp: 3196
Ion Ratio Lower Upper
107 100
144 1.7 21.1 31.7#
142 1.0 66.0 99.0#

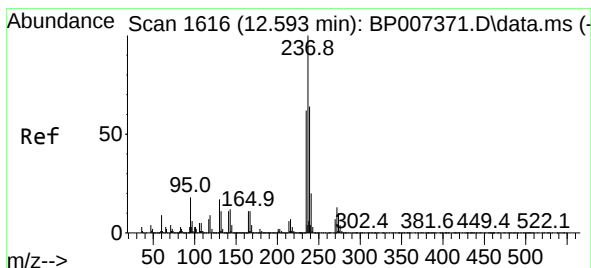
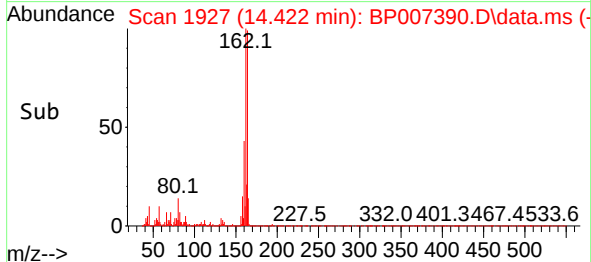
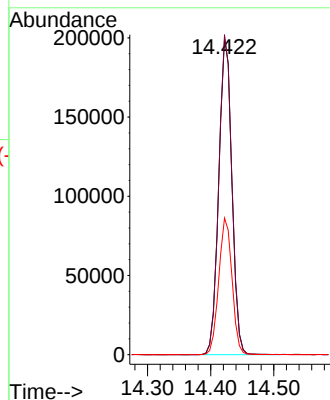
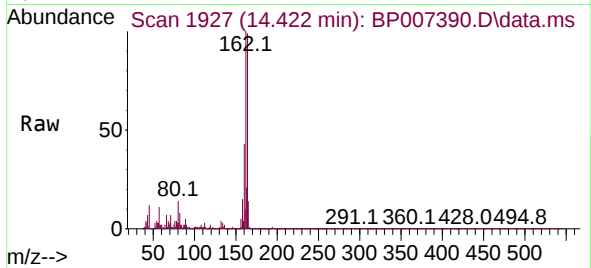




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP007390.D
Acq: 09 Oct 2021 00:24

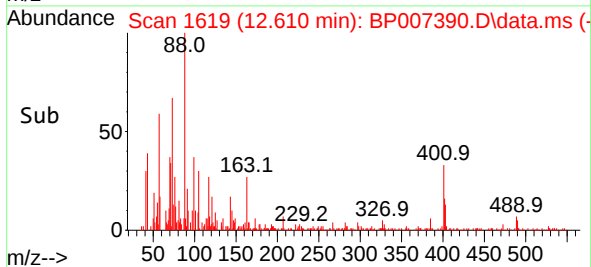
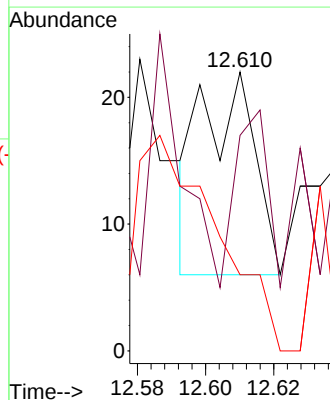
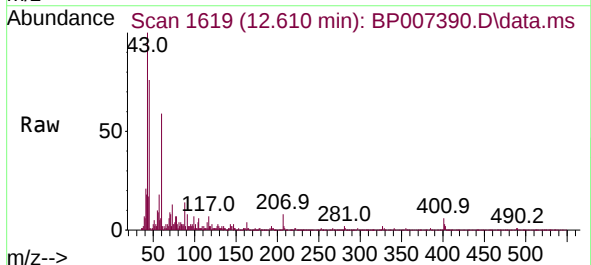
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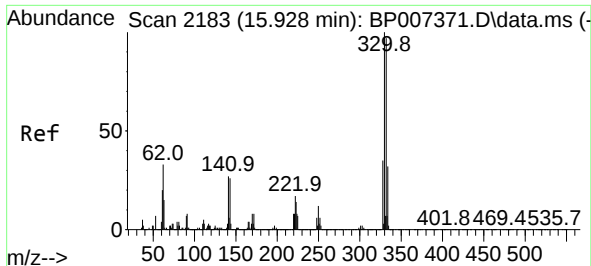
Tgt Ion:164 Resp: 287066
Ion Ratio Lower Upper
164 100
162 101.2 80.2 120.2
160 43.2 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 6.059 ng
RT: 12.610 min Scan# 1619
Delta R.T. 0.017 min
Lab File: BP007390.D
Acq: 09 Oct 2021 00:24

Tgt Ion:237 Resp: 17
Ion Ratio Lower Upper
237 100
235 77.3 44.5 84.5
272 27.3 0.0 32.5

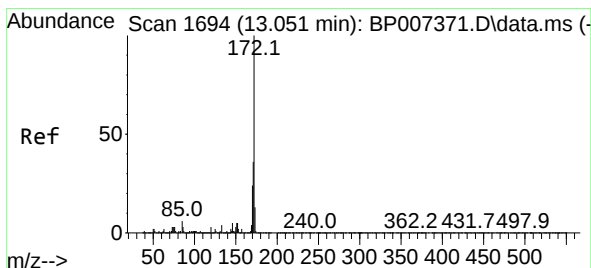
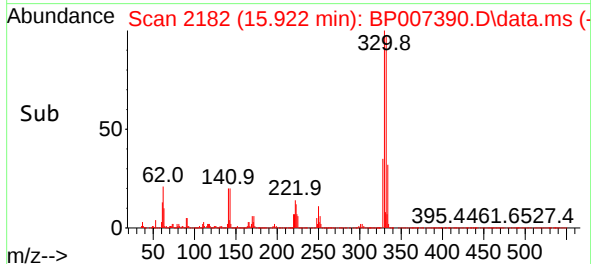
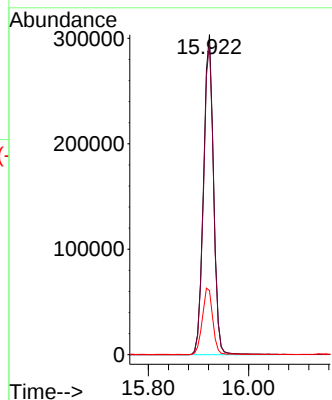
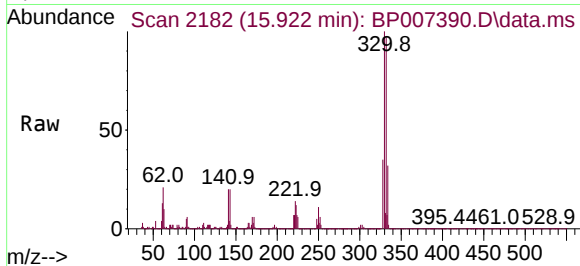




#42
2,4,6-Tribromophenol
Concen: 89.500 ng
RT: 15.922 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BP007390.D
Acq: 09 Oct 2021 00:24

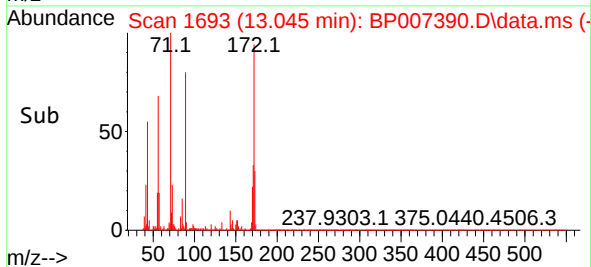
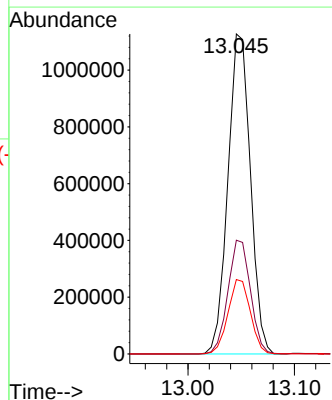
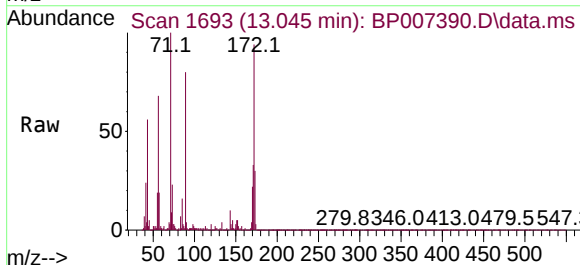
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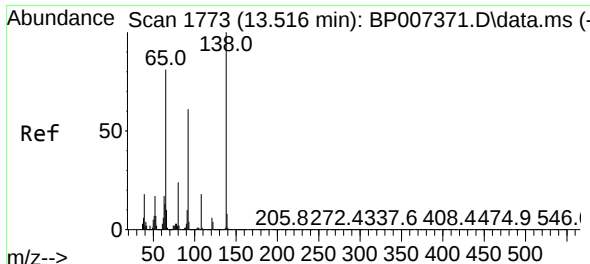
Tgt Ion:330 Resp: 421439
Ion Ratio Lower Upper
330 100
332 97.5 77.8 116.8
141 21.6 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 80.507 ng
RT: 13.045 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BP007390.D
Acq: 09 Oct 2021 00:24

Tgt Ion:172 Resp: 1653946
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.2 18.6 27.8

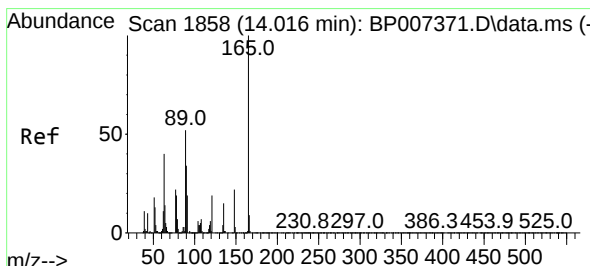
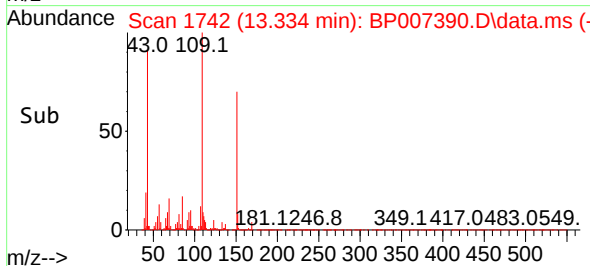
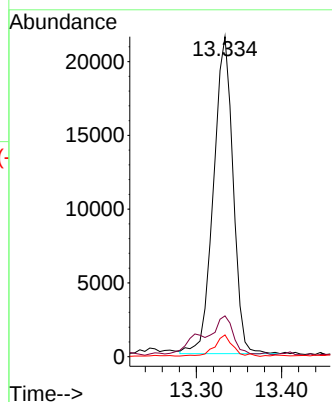
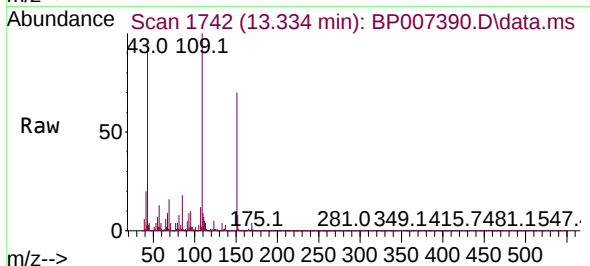




#48
2-Nitroaniline
Concen: 7.878 ng
RT: 13.334 min Scan# 1742
Delta R.T. -0.182 min
Lab File: BP007390.D
Acq: 09 Oct 2021 00:24

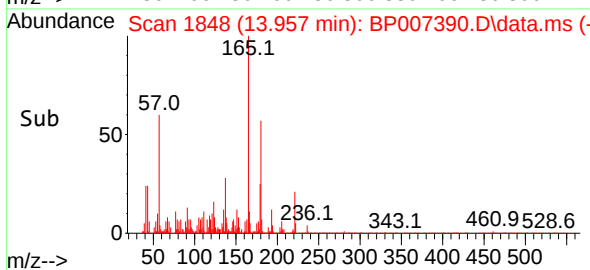
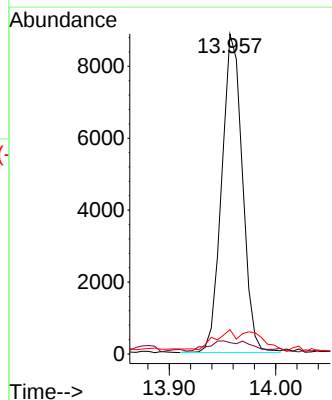
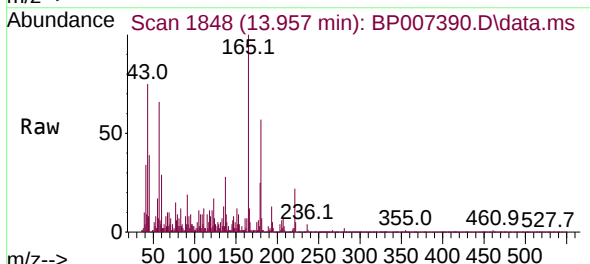
Instrument :
BNA_P
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CC-26

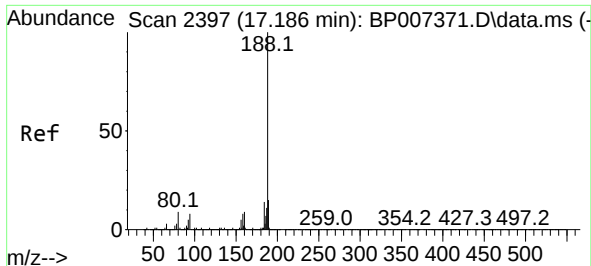
Tgt Ion: 65 Resp: 34298
Ion Ratio Lower Upper
65 100
92 12.7 57.7 86.5#
138 6.8 92.1 138.1#



#51
2,6-Dinitrotoluene
Concen: 2.587 ng
RT: 13.957 min Scan# 1848
Delta R.T. -0.059 min
Lab File: BP007390.D
Acq: 09 Oct 2021 00:24

Tgt Ion: 165 Resp: 11914
Ion Ratio Lower Upper
165 100
63 3.6 41.3 61.9#
89 7.6 44.8 67.2#

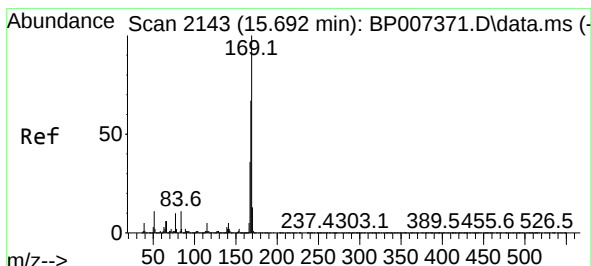
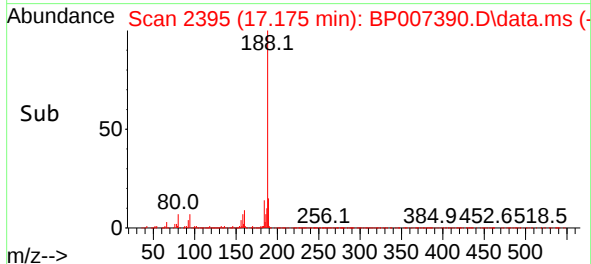
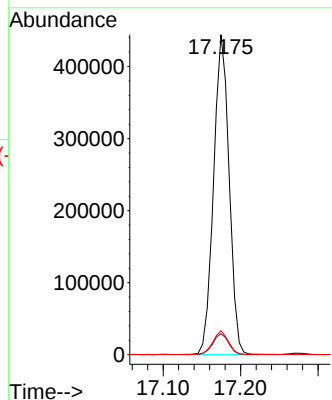
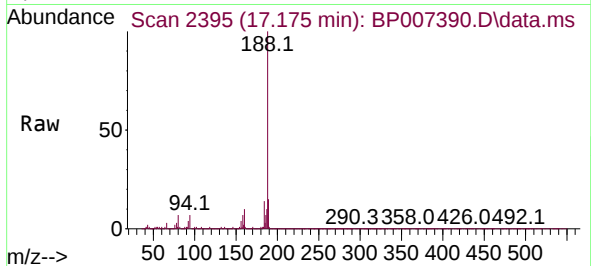




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2395
Delta R.T. -0.011 min
Lab File: BP007390.D
Acq: 09 Oct 2021 00:24

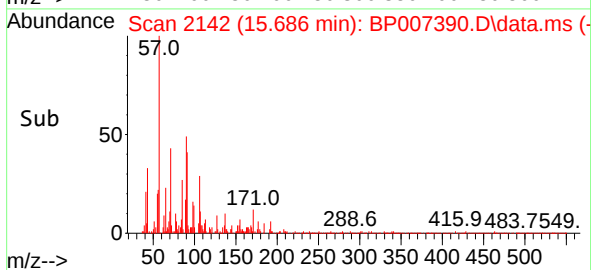
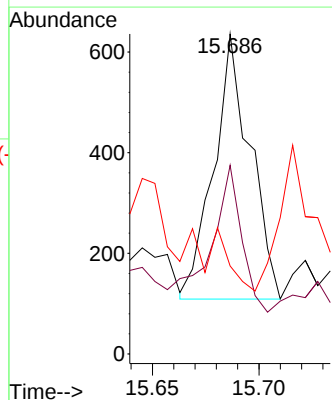
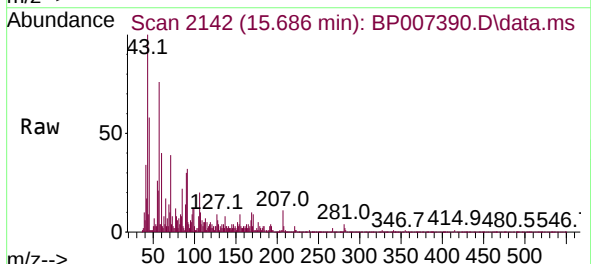
Instrument :
BNA_P
ClientSampleId :
CC-26

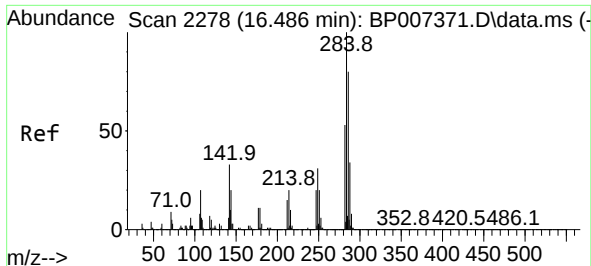
Tgt Ion:188 Resp: 616657
Ion Ratio Lower Upper
188 100
94 6.6 5.6 8.4
80 7.5 6.3 9.5



#66
n-Nitrosodiphenylamine
Concen: Below Cal
RT: 15.686 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BP007390.D
Acq: 09 Oct 2021 00:24

Tgt Ion:169 Resp: 627
Ion Ratio Lower Upper
169 100
168 59.0 54.4 81.6
167 27.5 29.0 43.6#

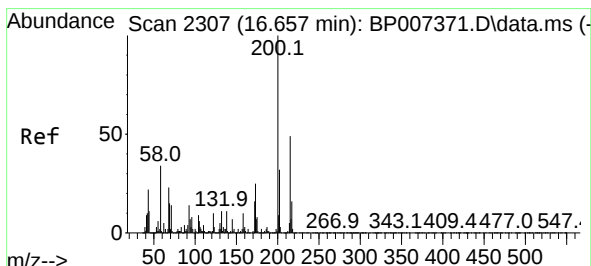
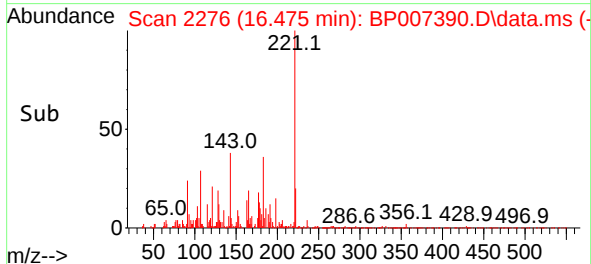
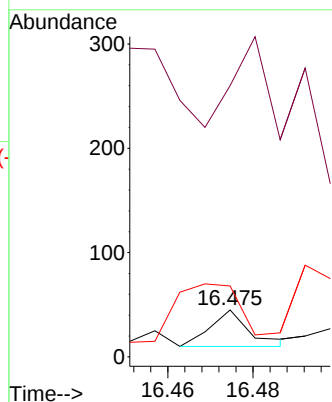
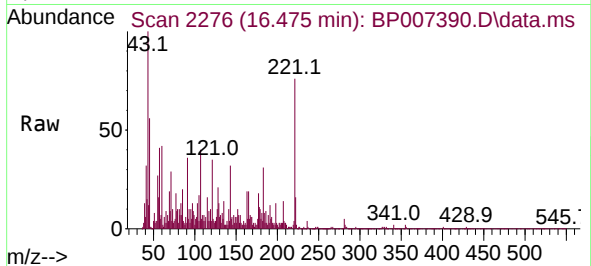




#68
Hexachlorobenzene
Concen: Below Cal
RT: 16.475 min Scan# 2276
Delta R.T. -0.011 min
Lab File: BP007390.D
Acq: 09 Oct 2021 00:24

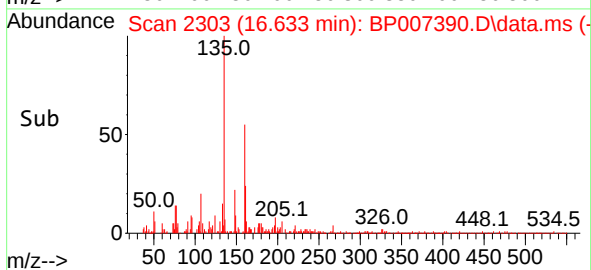
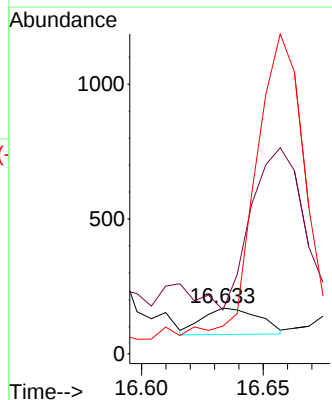
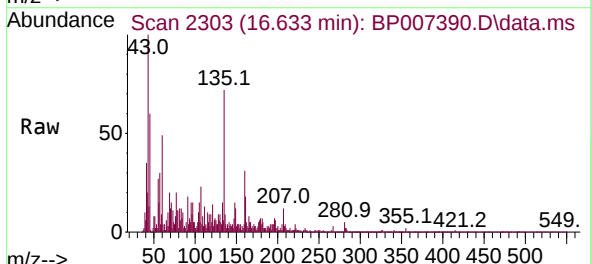
Instrument :
BNA_P
ClientSampled :
CC-26

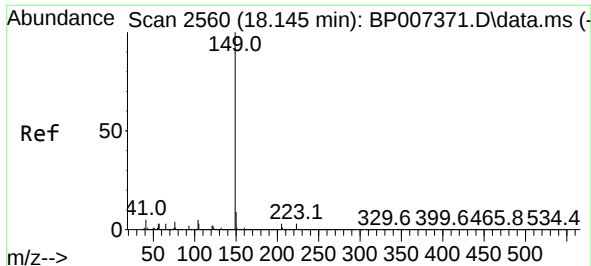
Tgt Ion:284 Resp: 23
Ion Ratio Lower Upper
284 100
142 577.8 26.9 40.3#
249 151.1 24.5 36.7#



#69
Atrazine
Concen: Below Cal
RT: 16.633 min Scan# 2303
Delta R.T. -0.024 min
Lab File: BP007390.D
Acq: 09 Oct 2021 00:24

Tgt Ion:200 Resp: 160
Ion Ratio Lower Upper
200 100
173 95.9 4.1 44.1#
215 60.6 27.7 67.7

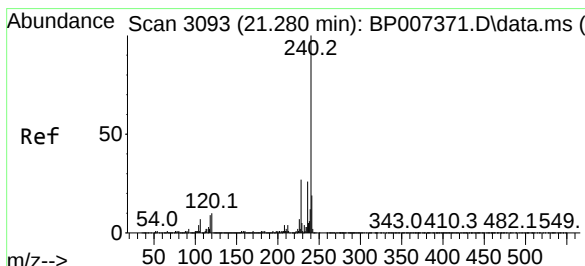
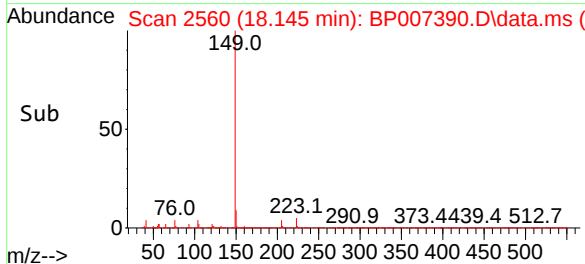
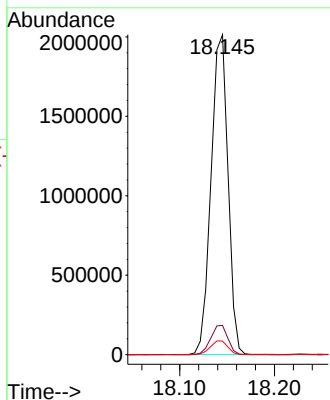
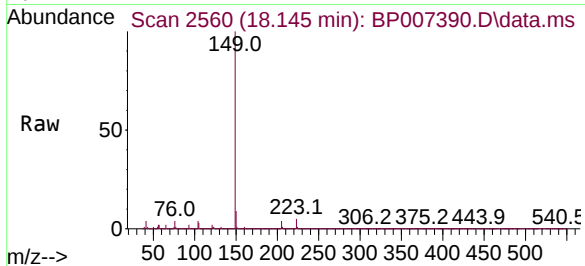




#74
Di-n-butylphthalate
Concen: 64.205 ng
RT: 18.145 min Scan# 2560
Delta R.T. 0.000 min
Lab File: BP007390.D
Acq: 09 Oct 2021 00:24

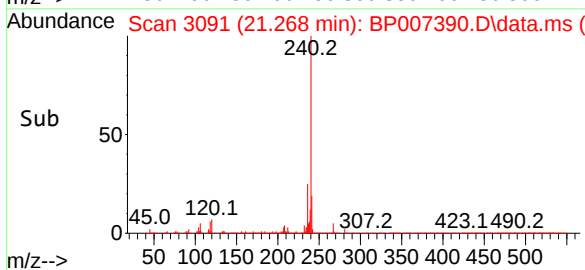
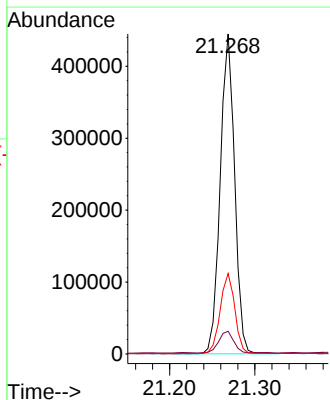
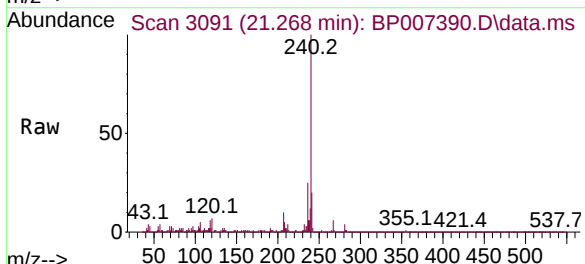
Instrument :
BNA_P
ClientSampleId :
CC-26

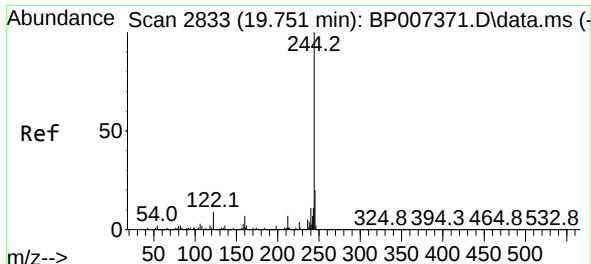
Tgt Ion:149 Resp: 2498356
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.3 4.5 6.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.268 min Scan# 3091
Delta R.T. -0.012 min
Lab File: BP007390.D
Acq: 09 Oct 2021 00:24

Tgt Ion:240 Resp: 521450
Ion Ratio Lower Upper
240 100
120 7.1 6.5 9.7
236 25.1 20.6 31.0

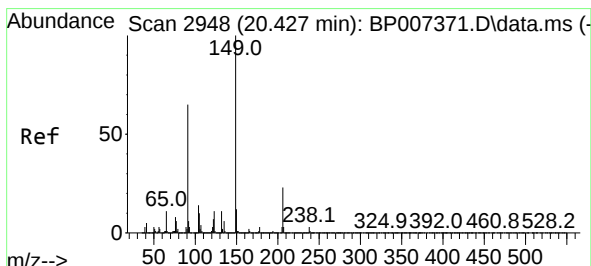
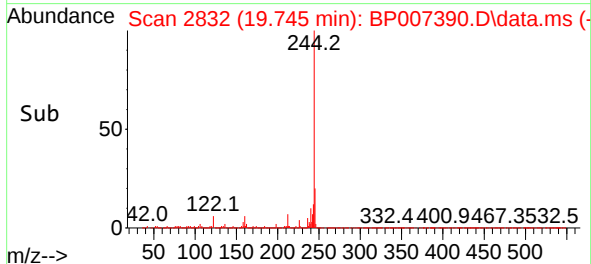
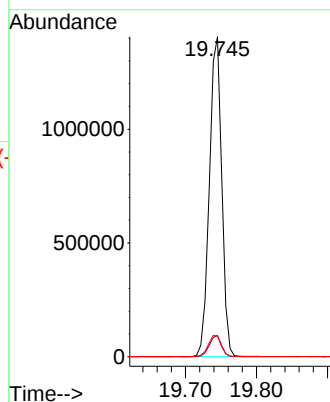
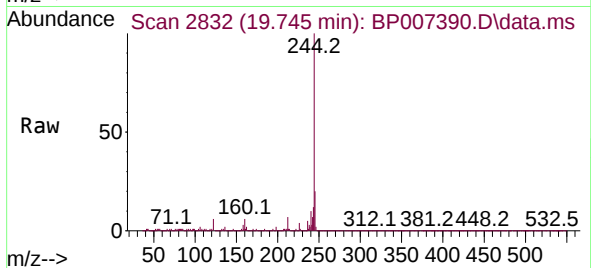




#79
 Terphenyl-d14
 Concen: 57.476 ng
 RT: 19.745 min Scan# 2832
 Delta R.T. -0.006 min
 Lab File: BP007390.D
 Acq: 09 Oct 2021 00:24

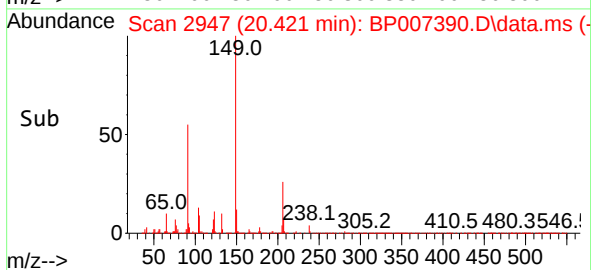
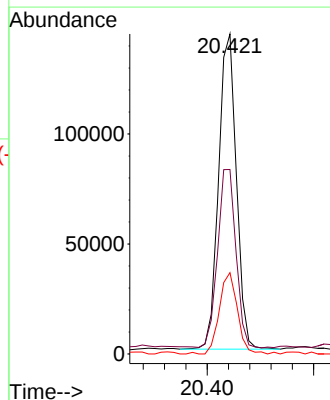
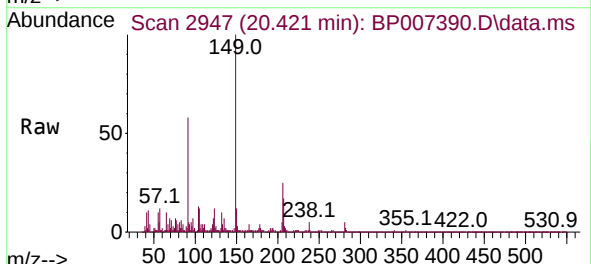
Instrument :
 BNA_P
 ClientSampleId :
 CC-26

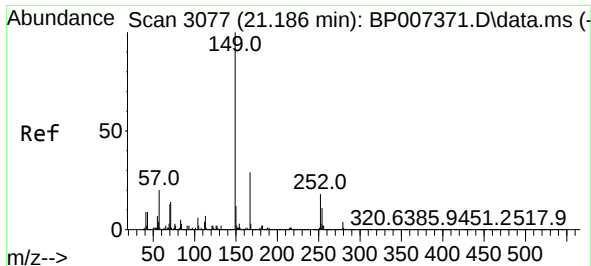
Tgt Ion:244 Resp: 1699251
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 6.5 7.1 10.7#



#80
 Butylbenzylphthalate
 Concen: 11.966 ng
 RT: 20.421 min Scan# 2947
 Delta R.T. -0.006 min
 Lab File: BP007390.D
 Acq: 09 Oct 2021 00:24

Tgt Ion:149 Resp: 165995
 Ion Ratio Lower Upper
 149 100
 91 57.6 54.6 81.8
 206 25.4 16.7 25.1#

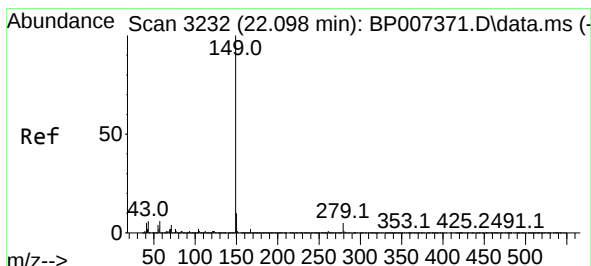
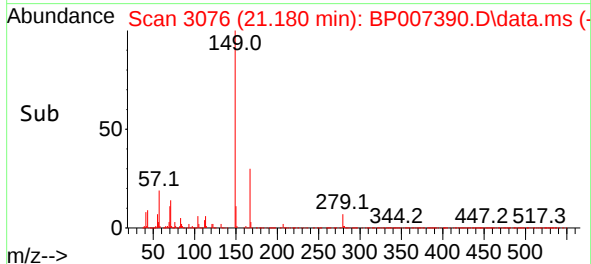
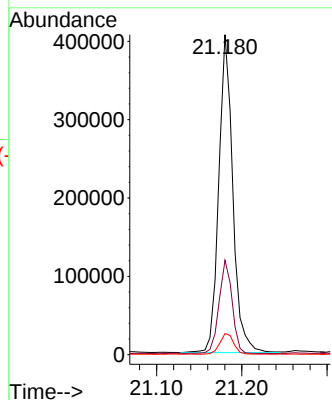
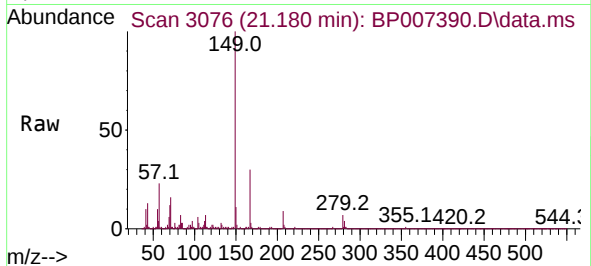




#84
Bis(2-ethylhexyl)phthalate
Concen: 24.040 ng
RT: 21.180 min Scan# 3076
Delta R.T. -0.006 min
Lab File: BP007390.D
Acq: 09 Oct 2021 00:24

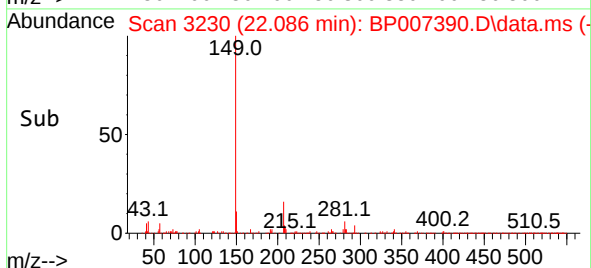
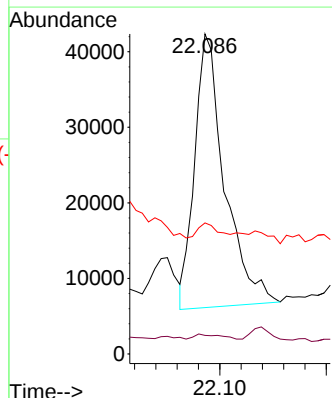
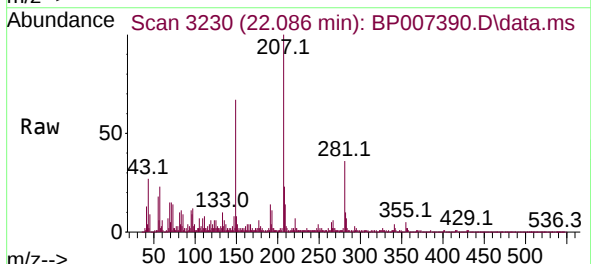
Instrument :
BNA_P
ClientSampled :
CC-26

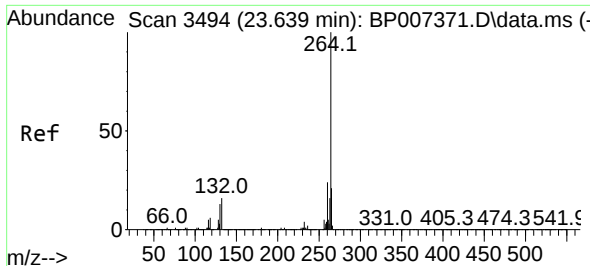
Tgt Ion:149 Resp: 464122
Ion Ratio Lower Upper
149 100
167 29.5 21.9 32.9
279 6.6 4.3 6.5#



#85
Di-n-octyl phthalate
Concen: 2.142 ng
RT: 22.086 min Scan# 3230
Delta R.T. -0.012 min
Lab File: BP007390.D
Acq: 09 Oct 2021 00:24

Tgt Ion:149 Resp: 70502
Ion Ratio Lower Upper
149 100
167 2.4 1.4 2.0#
43 3.5 5.6 8.4#

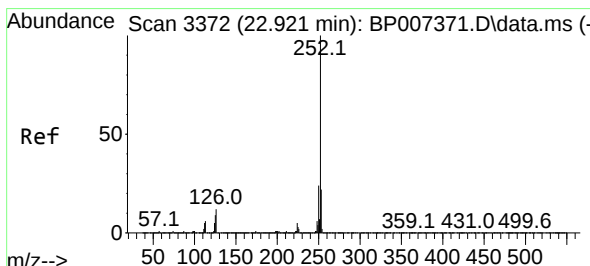
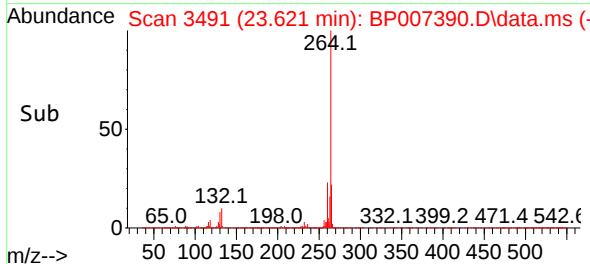
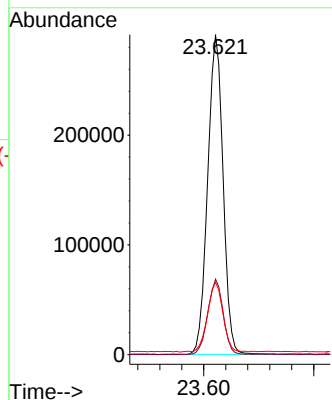
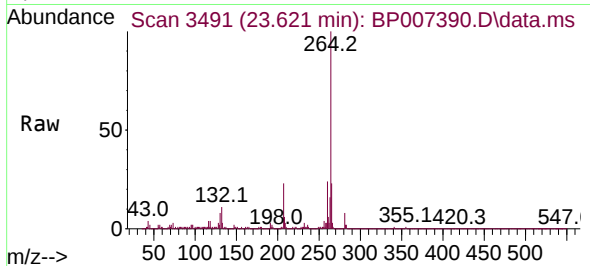




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.621 min Scan# 3491
Delta R.T. -0.018 min
Lab File: BP007390.D
Acq: 09 Oct 2021 00:24

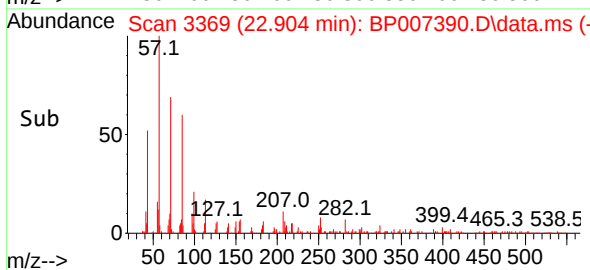
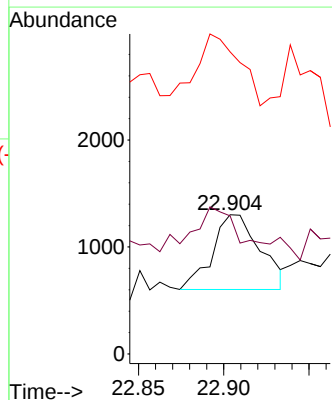
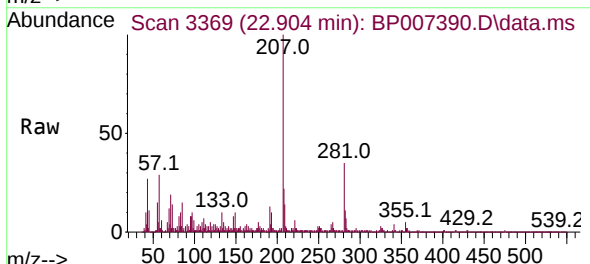
Instrument :
BNA_P
ClientSampled :
CC-26

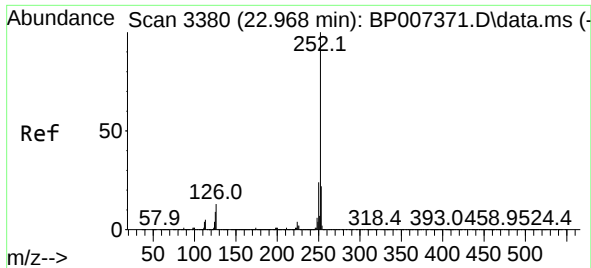
Tgt Ion:	264	Resp:	564903
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.6	28.0
265	22.7	17.6	26.4



#88
Benzo(b)fluoranthene
Concen: Below Cal
RT: 22.904 min Scan# 3369
Delta R.T. -0.017 min
Lab File: BP007390.D
Acq: 09 Oct 2021 00:24

Tgt Ion:	252	Resp:	1358
Ion Ratio	Lower	Upper	
252	100		
253	99.2	17.5	26.3#
125	217.1	6.2	9.4#





#89
Benzo(k)fluoranthene
Concen: Below Cal
RT: 22.904 min Scan# 3369
Delta R.T. -0.064 min
Lab File: BP007390.D
Acq: 09 Oct 2021 00:24

Instrument :
BNA_P
ClientSampleId :
CC-26

Tgt Ion:252 Resp: 1358
Ion Ratio Lower Upper
252 100
253 99.2 17.6 26.4#
125 217.1 6.0 9.0#

