

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100821\
 Data File : BP007381.D
 Acq On : 08 Oct 2021 19:17
 Operator : CG/JU
 Sample : M4077-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CC-33

Quant Time: Oct 09 06:18:28 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)

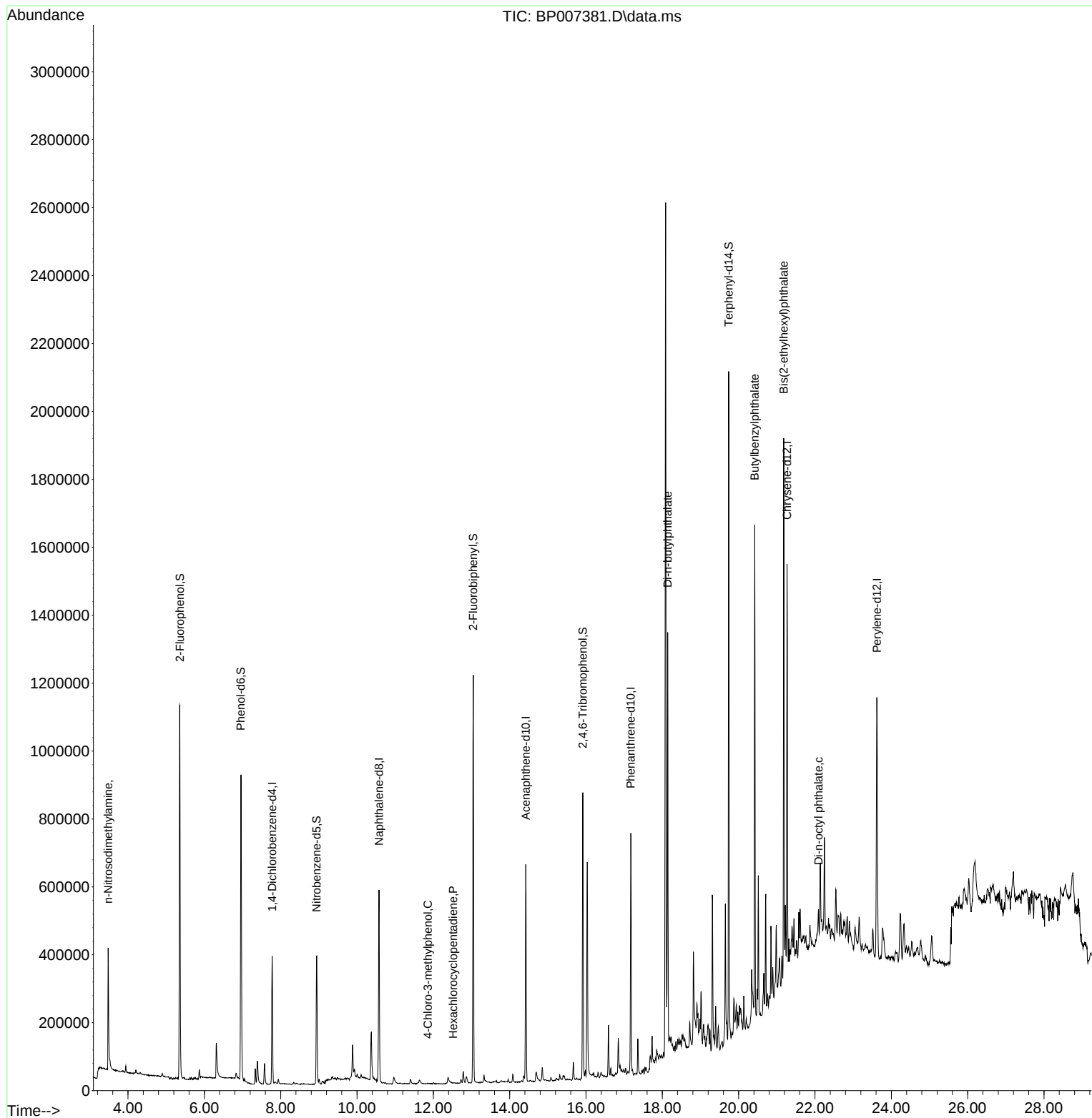
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	108244	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	477584	20.000	ng	0.00
39) Acenaphthene-d10	14.422	164	226326	20.000	ng	0.00
64) Phenanthrene-d10	17.174	188	435460	20.000	ng	-0.01
76) Chrysene-d12	21.268	240	517743	20.000	ng	-0.01
86) Perylene-d12	23.621	264	587193	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	525929	80.060	ng	0.00
7) Phenol-d6	6.957	99	583153	66.122	ng	0.00
23) Nitrobenzene-d5	8.940	82	232408	28.661	ng	-0.01
42) 2,4,6-Tribromophenol	15.916	330	197210	53.121	ng	-0.01
45) 2-Fluorobiphenyl	13.045	172	608570	37.572	ng	0.00
79) Terphenyl-d14	19.739	244	926886	31.576	ng	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	155	Below Cal	#	30
4) n-Nitrosodimethylamine	3.481	42	11242	4.206 ng	#	1
36) 4-Chloro-3-methylphenol	11.857	107	35	2.322 ng	#	50
41) Hexachlorocyclopentadiene	12.522	237	31	6.065 ng		77
66) n-Nitrosodiphenylamine	15.916	169	4761	Below Cal	#	46
68) Hexachlorobenzene	16.474	284	51	Below Cal	#	1
69) Atrazine	16.645	200	72	Below Cal	#	1
74) Di-n-butylphthalate	18.139	149	874240	31.816 ng		98
80) Butylbenzylphthalate	20.421	149	438519	31.839 ng		89
84) Bis(2-ethylhexyl)phtha...	21.180	149	646962	33.751 ng		97
85) Di-n-octyl phthalate	22.092	149	74887	2.291 ng	#	95
88) Benzo(b)fluoranthene	22.904	252	967	Below Cal	#	1
89) Benzo(k)fluoranthene	22.945	252	79	Below Cal	#	1

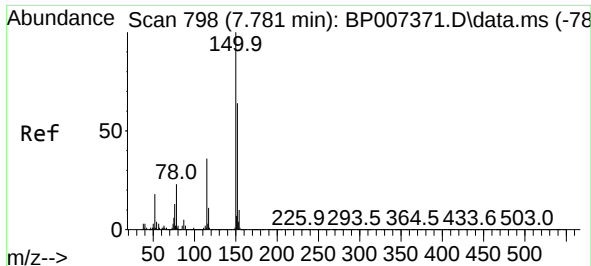
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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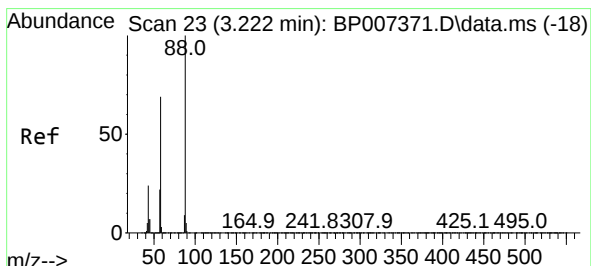
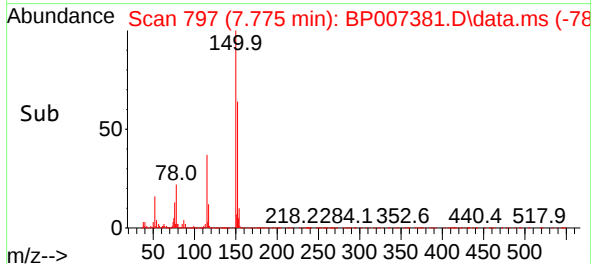
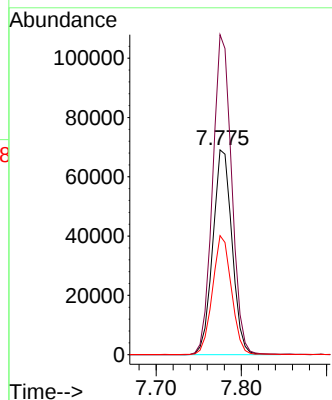
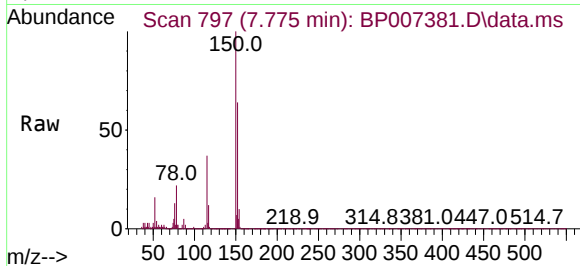




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BP007381.D
Acq: 08 Oct 2021 19:17

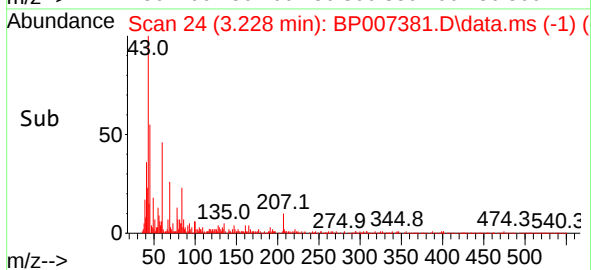
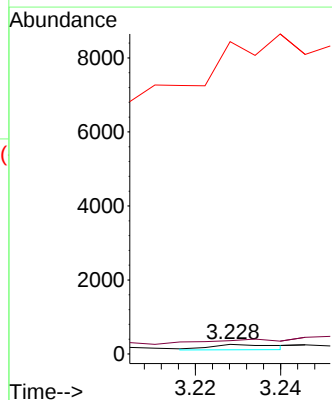
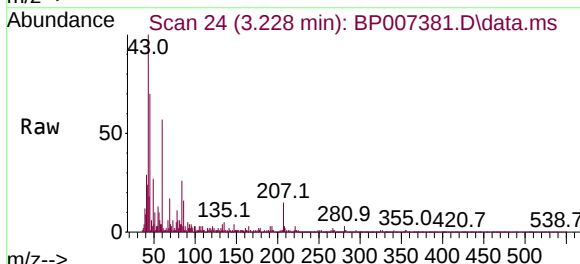
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BNA_P
ClientSampleId :
CC-33

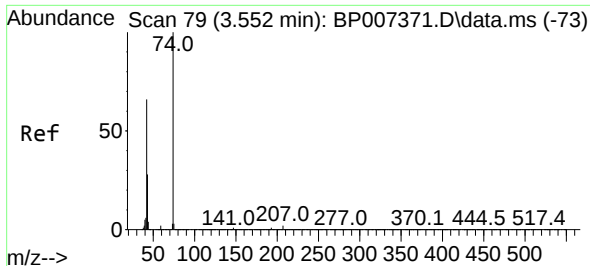
Tgt Ion:152 Resp: 108244
Ion Ratio Lower Upper
152 100
150 156.2 125.6 188.4
115 58.2 48.5 72.7



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.228 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP007381.D
Acq: 08 Oct 2021 19:17

Tgt Ion: 88 Resp: 155
Ion Ratio Lower Upper
88 100
58 0.0 46.7 70.1#
43 0.0 20.3 30.5#

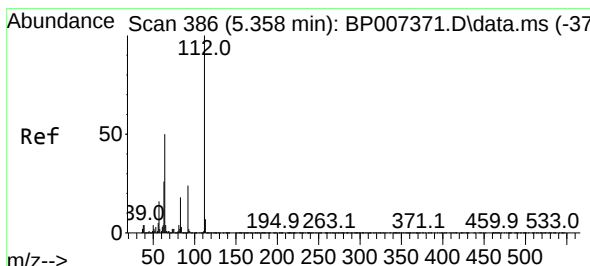
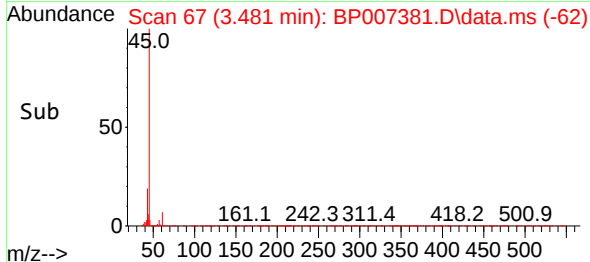
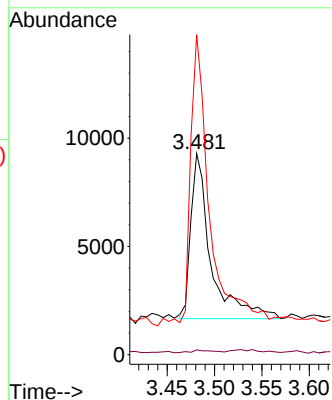
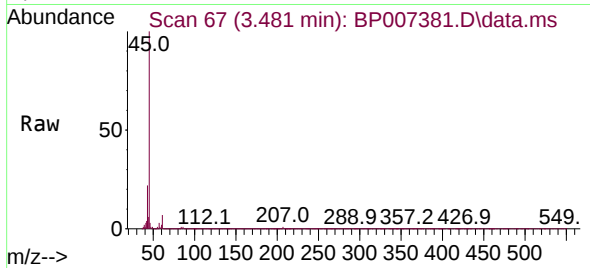




#4
n-Nitrosodimethylamine
Concen: 4.206 ng
RT: 3.481 min Scan# 67
Delta R.T. -0.071 min
Lab File: BP007381.D
Acq: 08 Oct 2021 19:17

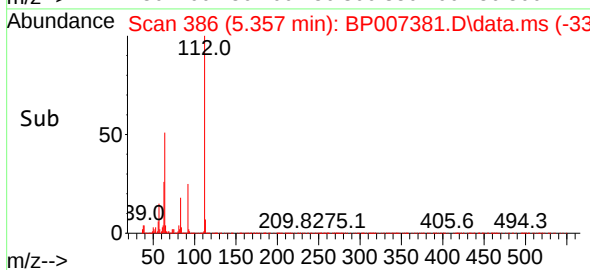
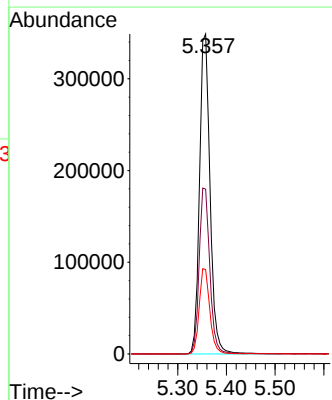
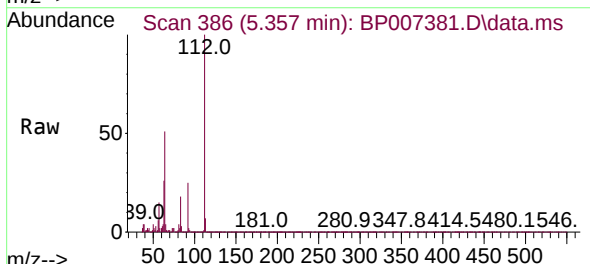
Instrument :
BNA_P
ClientSampled :
CC-33

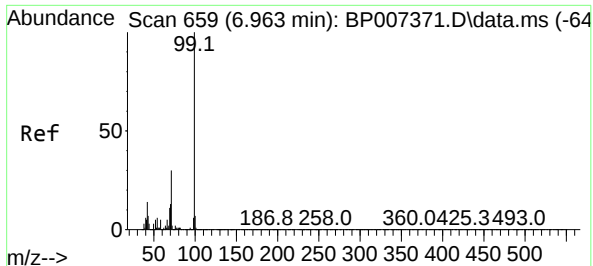
Tgt Ion: 42 Resp: 11242
Ion Ratio Lower Upper
42 100
74 2.4 105.4 158.0#
44 159.1 4.2 6.4#



#5
2-Fluorophenol
Concen: 80.060 ng
RT: 5.357 min Scan# 386
Delta R.T. -0.001 min
Lab File: BP007381.D
Acq: 08 Oct 2021 19:17

Tgt Ion: 112 Resp: 525929
Ion Ratio Lower Upper
112 100
64 51.5 41.4 62.2
63 26.3 23.8 35.8

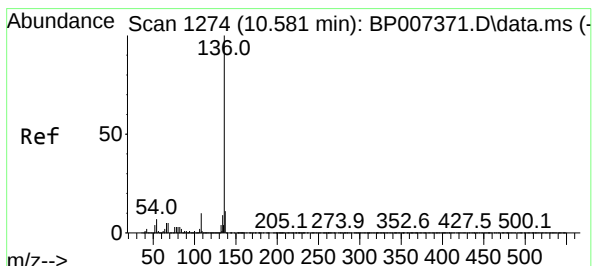
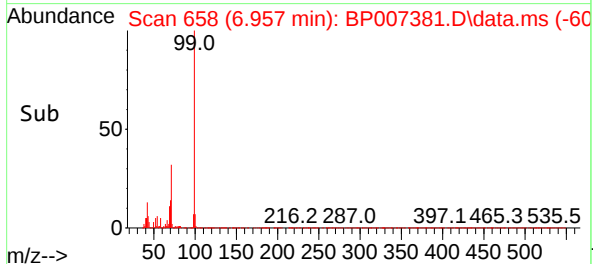
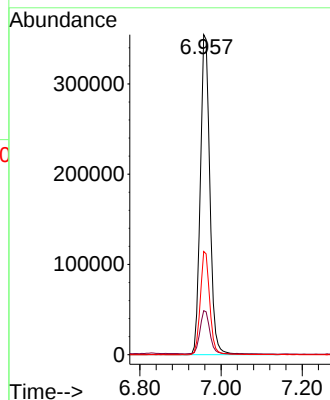
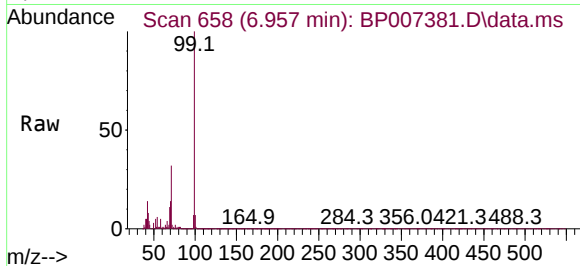




#7
Phenol-d6
Concen: 66.122 ng
RT: 6.957 min Scan# 658
Delta R.T. -0.006 min
Lab File: BP007381.D
Acq: 08 Oct 2021 19:17

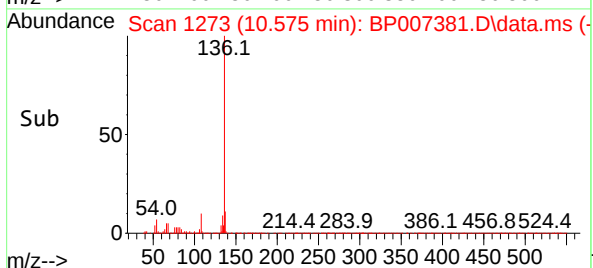
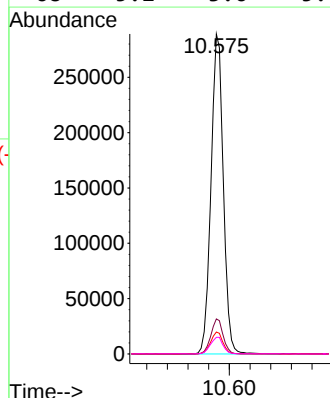
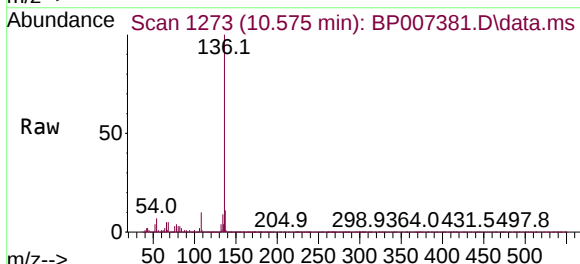
Instrument :
BNA_P
ClientSampleId :
CC-33

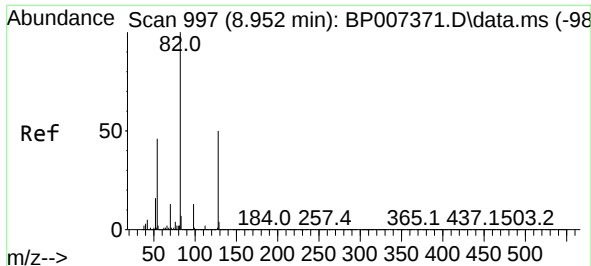
Tgt Ion:	99	Resp:	583153
Ion	Ratio	Lower	Upper
99	100		
42	13.8	13.4	20.0
71	32.3	30.6	46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP007381.D
Acq: 08 Oct 2021 19:17

Tgt Ion:	136	Resp:	477584
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	6.8	4.6	6.8
68	5.2	3.6	5.4

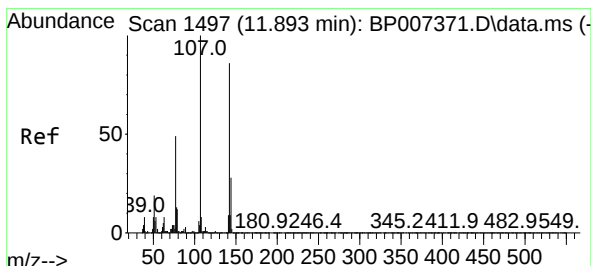
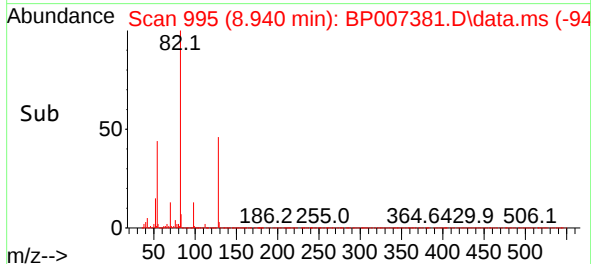
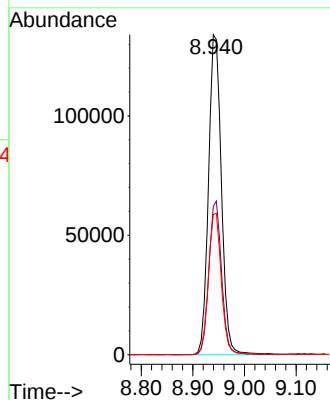
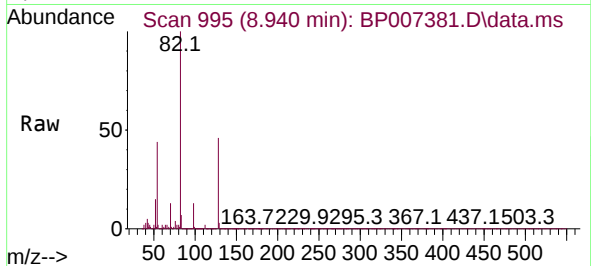




#23
Nitrobenzene-d5
Concen: 28.661 ng
RT: 8.940 min Scan# 995
Delta R.T. -0.012 min
Lab File: BP007381.D
Acq: 08 Oct 2021 19:17

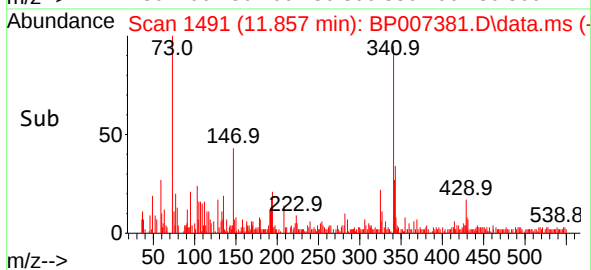
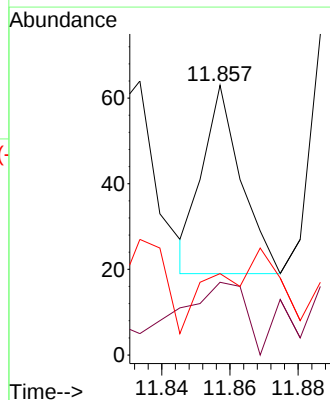
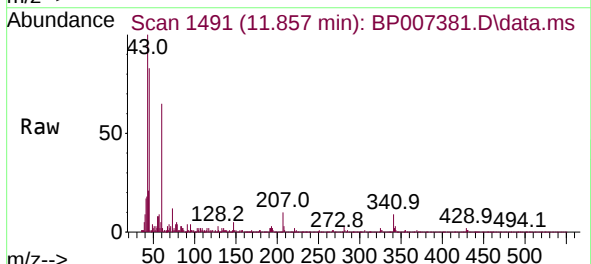
Instrument :
BNA_P
ClientSampled :
CC-33

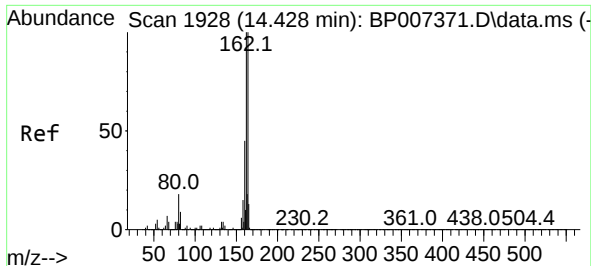
Tgt Ion: 82 Resp: 232408
Ion Ratio Lower Upper
82 100
128 46.3 35.7 53.5
54 43.8 35.0 52.4



#36
4-Chloro-3-methylphenol
Concen: 2.322 ng
RT: 11.857 min Scan# 1491
Delta R.T. -0.036 min
Lab File: BP007381.D
Acq: 08 Oct 2021 19:17

Tgt Ion: 107 Resp: 35
Ion Ratio Lower Upper
107 100
144 38.1 21.1 31.7#
142 30.2 66.0 99.0#

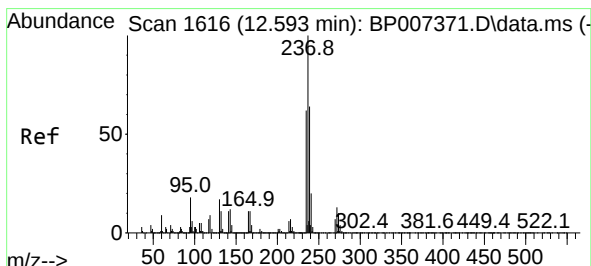
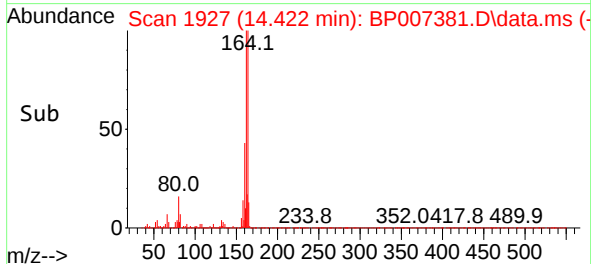
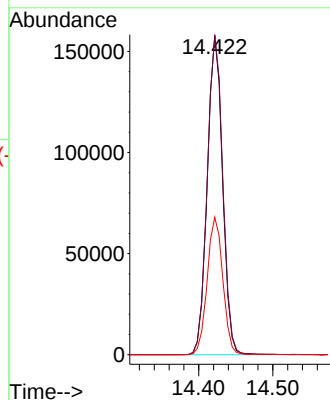
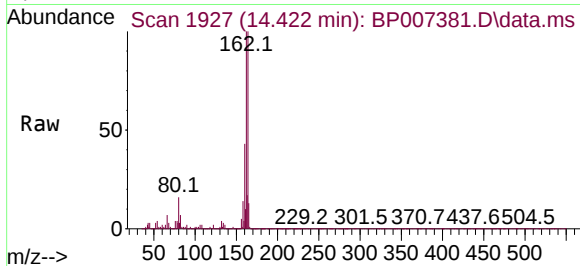




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP007381.D
Acq: 08 Oct 2021 19:17

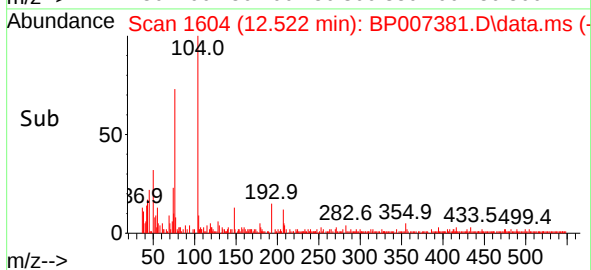
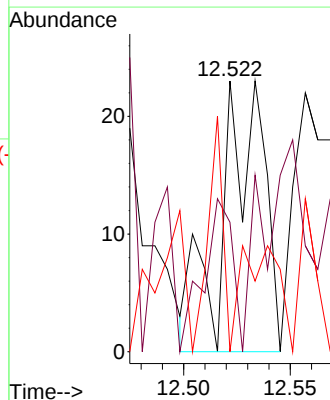
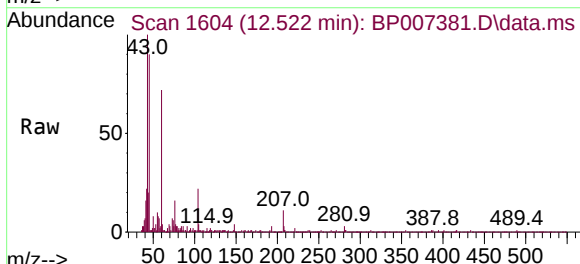
Instrument :
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ClientSampleId :
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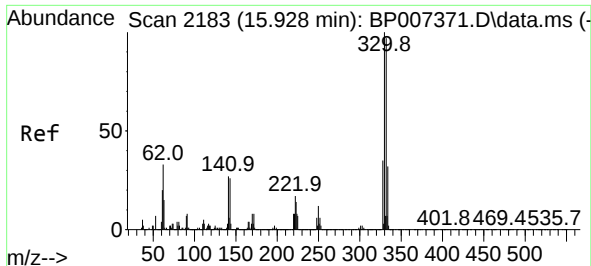
Tgt Ion:164 Resp: 226326
Ion Ratio Lower Upper
164 100
162 100.4 80.2 120.2
160 43.1 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 6.065 ng
RT: 12.522 min Scan# 1604
Delta R.T. -0.071 min
Lab File: BP007381.D
Acq: 08 Oct 2021 19:17

Tgt Ion:237 Resp: 31
Ion Ratio Lower Upper
237 100
235 47.8 44.5 84.5
272 0.0 0.0 32.5

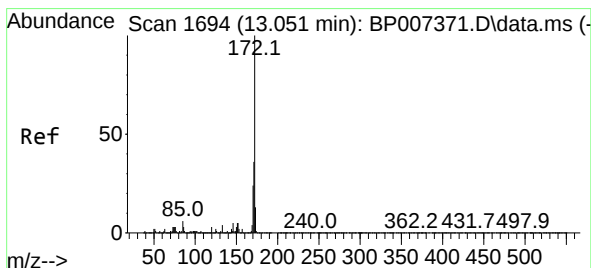
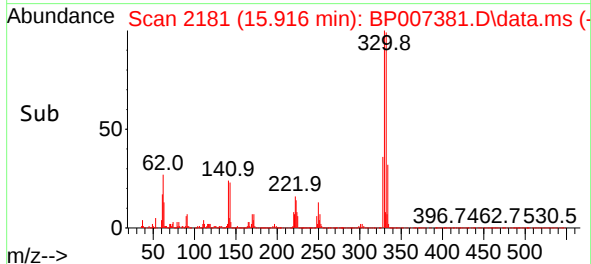
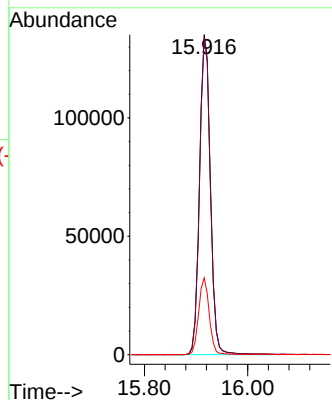
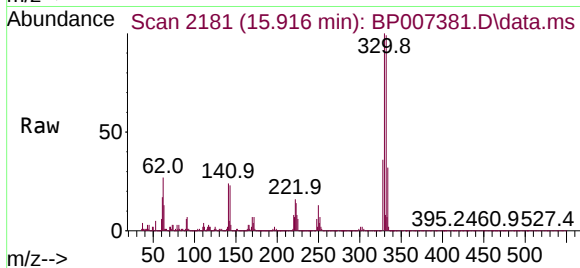




#42
2,4,6-Tribromophenol
Concen: 53.121 ng
RT: 15.916 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BP007381.D
Acq: 08 Oct 2021 19:17

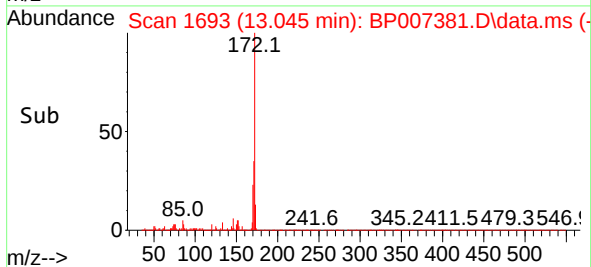
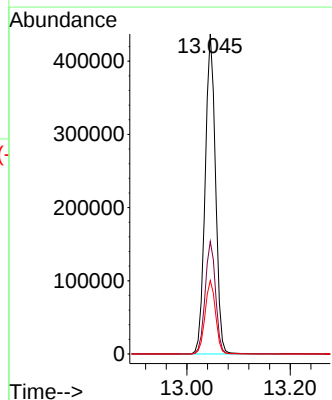
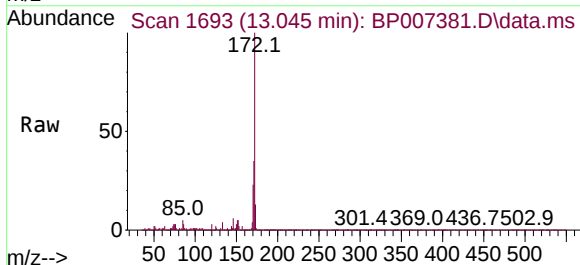
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CC-33

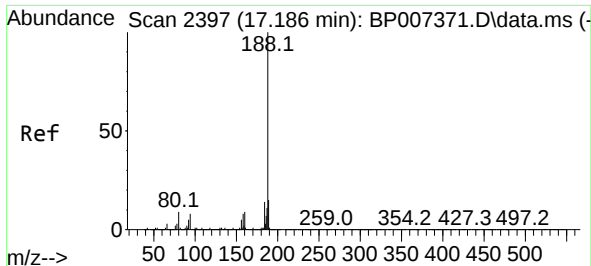
Tgt Ion:330 Resp: 197210
Ion Ratio Lower Upper
330 100
332 97.8 77.8 116.8
141 23.2 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 37.572 ng
RT: 13.045 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BP007381.D
Acq: 08 Oct 2021 19:17

Tgt Ion:172 Resp: 608570
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 22.9 18.6 27.8

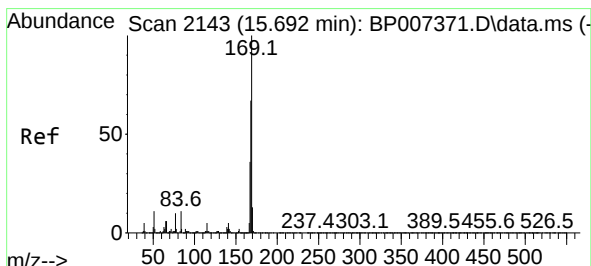
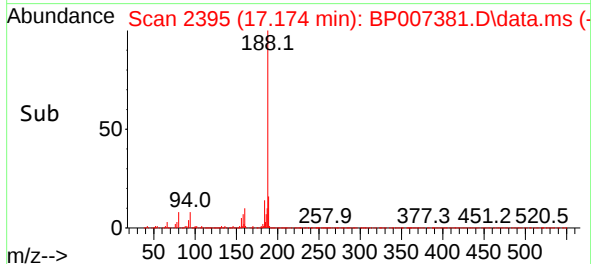
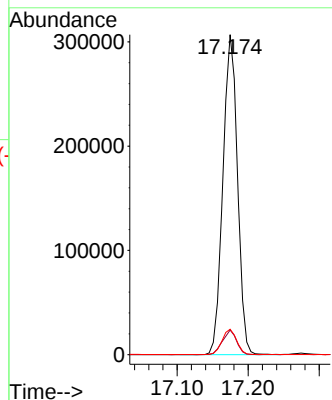
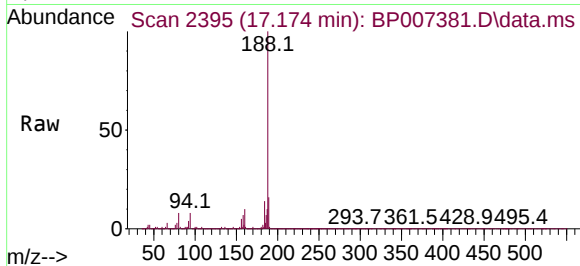




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.174 min Scan# 2395
Delta R.T. -0.012 min
Lab File: BP007381.D
Acq: 08 Oct 2021 19:17

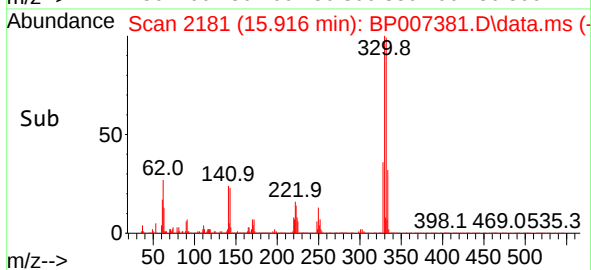
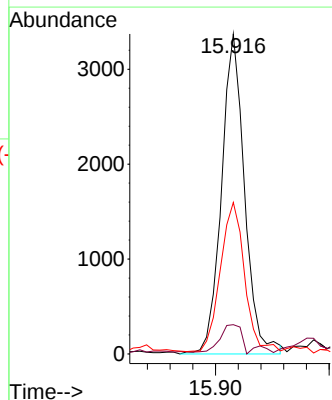
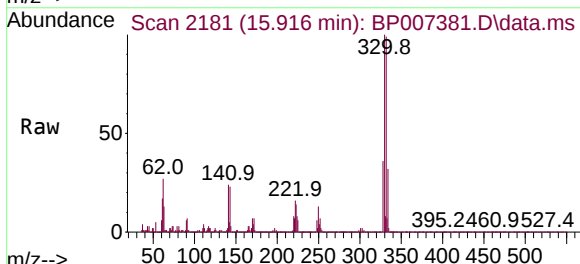
Instrument :
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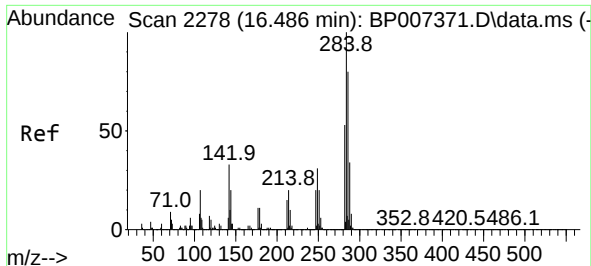
Tgt Ion:188 Resp: 435460
Ion Ratio Lower Upper
188 100
94 7.7 5.6 8.4
80 7.9 6.3 9.5



#66
n-Nitrosodiphenylamine
Concen: Below Cal
RT: 15.916 min Scan# 2181
Delta R.T. 0.224 min
Lab File: BP007381.D
Acq: 08 Oct 2021 19:17

Tgt Ion:169 Resp: 4761
Ion Ratio Lower Upper
169 100
168 9.1 54.4 81.6#
167 47.3 29.0 43.6#

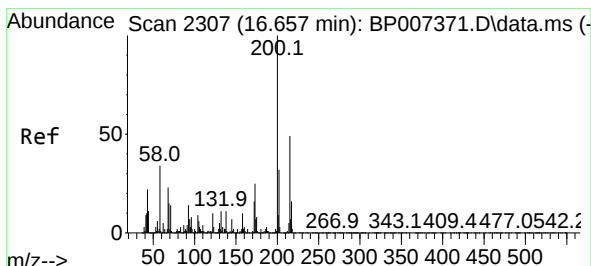
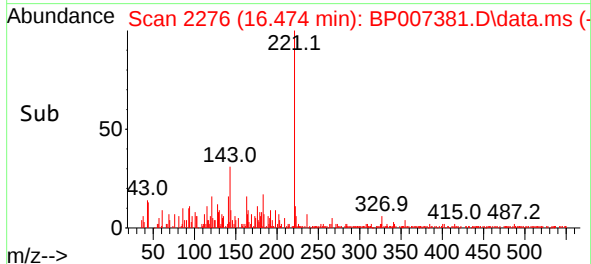
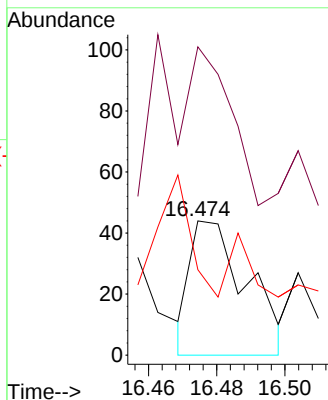
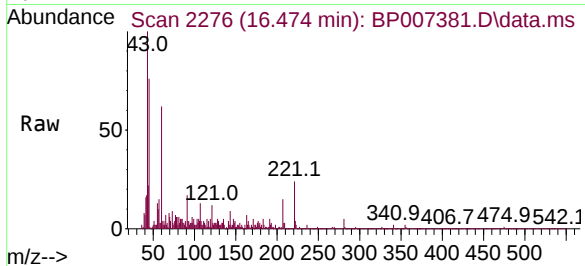




#68
Hexachlorobenzene
Concen: Below Cal
RT: 16.474 min Scan# 2276
Delta R.T. -0.012 min
Lab File: BP007381.D
Acq: 08 Oct 2021 19:17

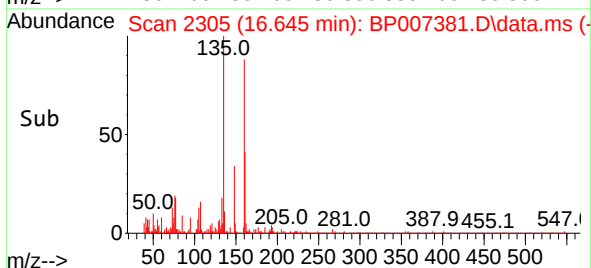
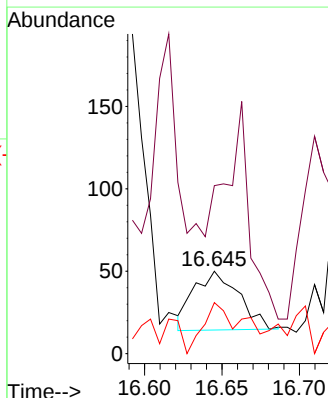
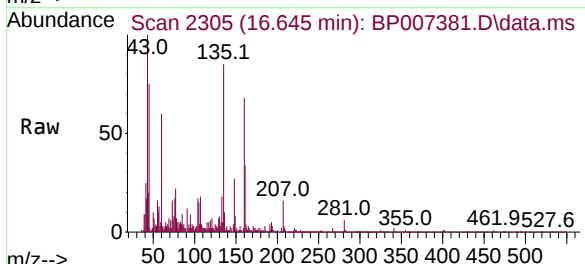
Instrument :
BNA_P
ClientSampled :
CC-33

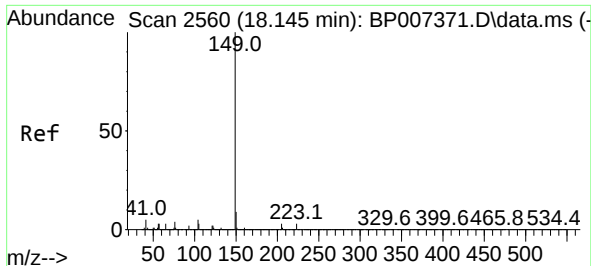
Tgt Ion:284 Resp: 51
Ion Ratio Lower Upper
284 100
142 229.5 26.9 40.3#
249 86.4 24.5 36.7#



#69
Atrazine
Concen: Below Cal
RT: 16.645 min Scan# 2305
Delta R.T. -0.012 min
Lab File: BP007381.D
Acq: 08 Oct 2021 19:17

Tgt Ion:200 Resp: 72
Ion Ratio Lower Upper
200 100
173 204.0 4.1 44.1#
215 62.0 27.7 67.7

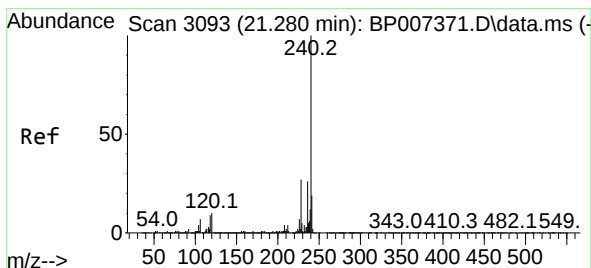
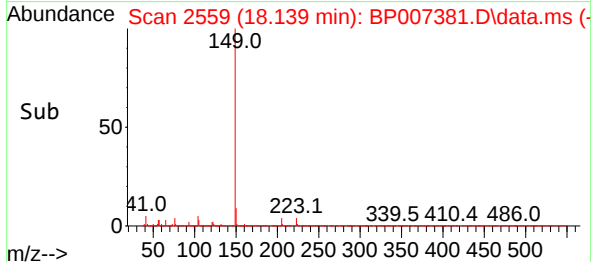
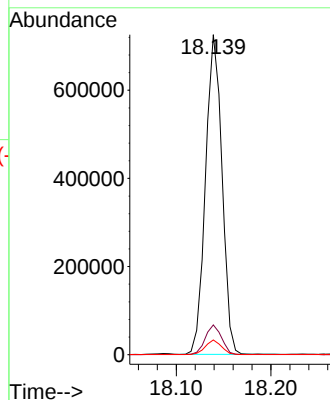
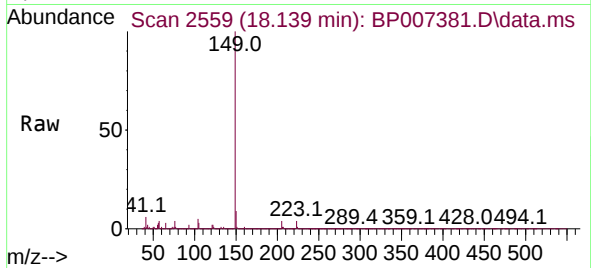




#74
Di-n-butylphthalate
Concen: 31.816 ng
RT: 18.139 min Scan# 2559
Delta R.T. -0.006 min
Lab File: BP007381.D
Acq: 08 Oct 2021 19:17

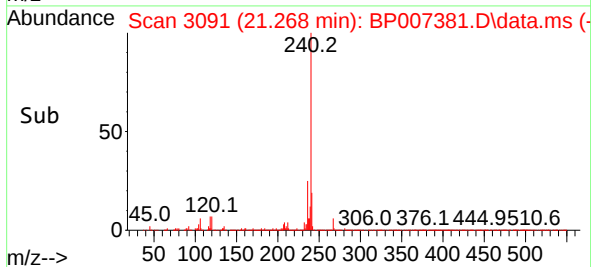
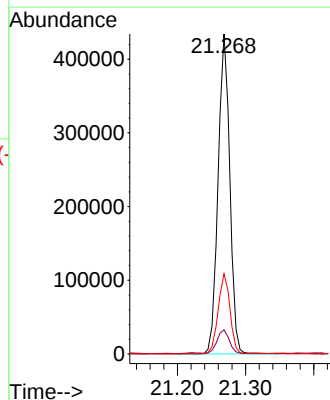
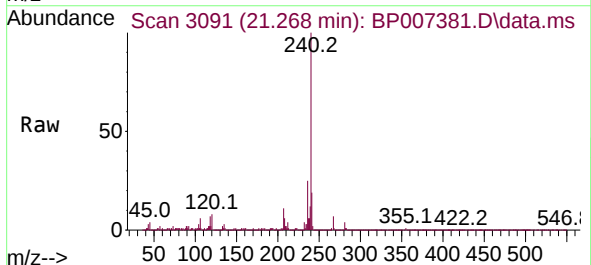
Instrument :
BNA_P
ClientSampleId :
CC-33

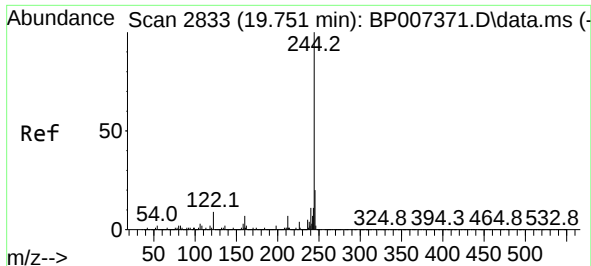
Tgt Ion:149 Resp: 874240
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 4.6 4.5 6.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.268 min Scan# 3091
Delta R.T. -0.012 min
Lab File: BP007381.D
Acq: 08 Oct 2021 19:17

Tgt Ion:240 Resp: 517743
Ion Ratio Lower Upper
240 100
120 7.6 6.5 9.7
236 25.0 20.6 31.0

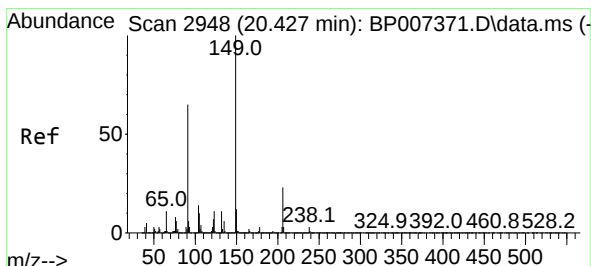
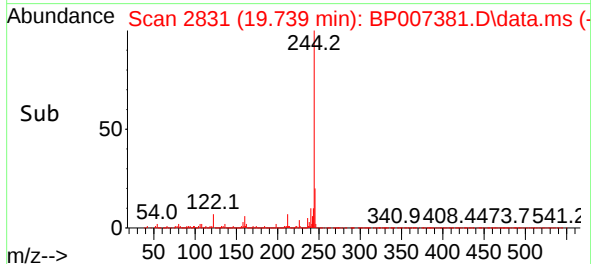
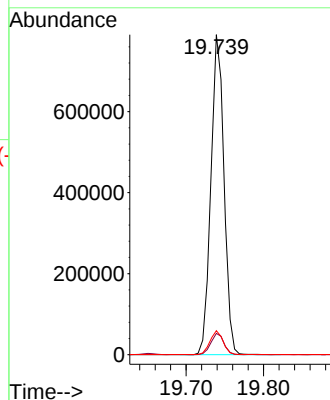
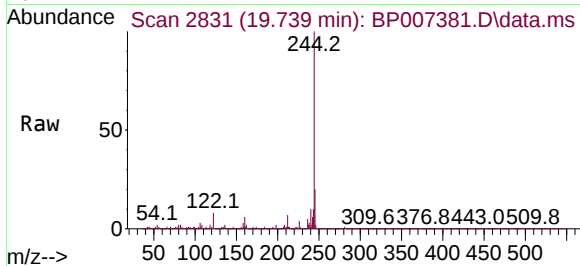




#79
 Terphenyl-d14
 Concen: 31.576 ng
 RT: 19.739 min Scan# 2831
 Delta R.T. -0.012 min
 Lab File: BP007381.D
 Acq: 08 Oct 2021 19:17

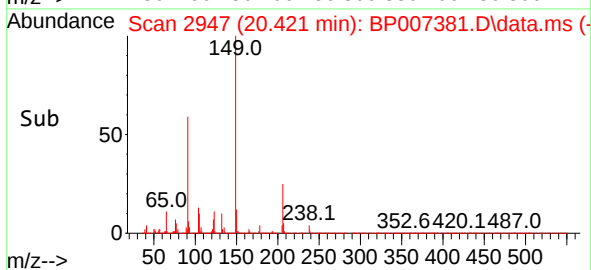
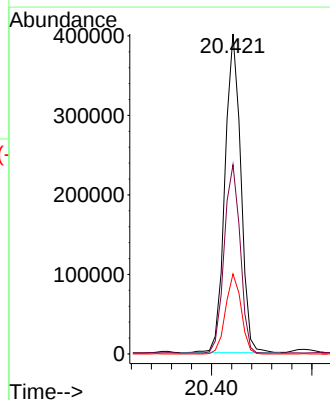
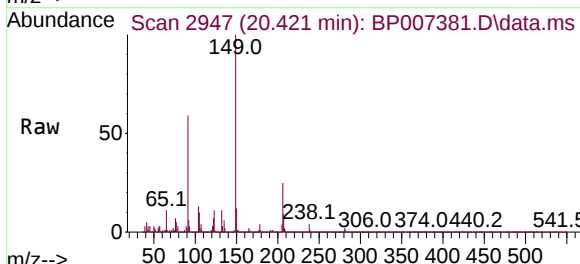
Instrument :
 BNA_P
 ClientSampleId :
 CC-33

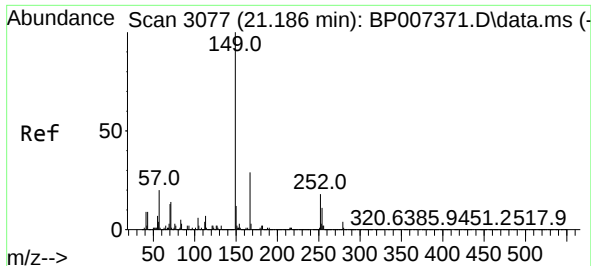
Tgt Ion:244	Resp:	926886
Ion Ratio	Lower	Upper
244	100	
212	6.6	6.0 9.0
122	7.5	7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 31.839 ng
 RT: 20.421 min Scan# 2947
 Delta R.T. -0.006 min
 Lab File: BP007381.D
 Acq: 08 Oct 2021 19:17

Tgt Ion:149	Resp:	438519
Ion Ratio	Lower	Upper
149	100	
91	59.2	54.6 81.8
206	25.0	16.7 25.1

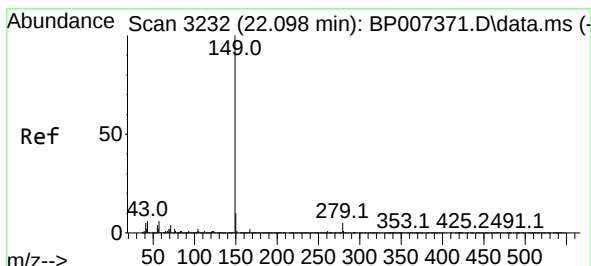
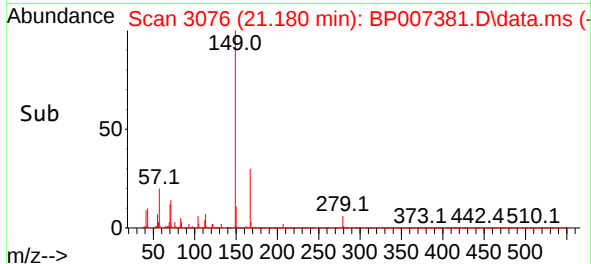
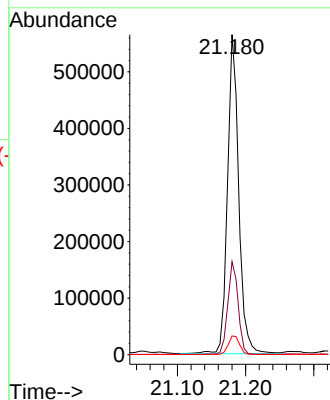
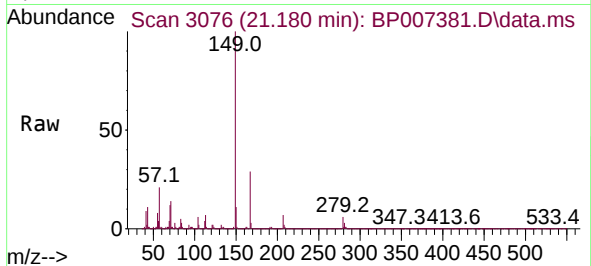




#84
Bis(2-ethylhexyl)phthalate
Concen: 33.751 ng
RT: 21.180 min Scan# 3076
Delta R.T. -0.006 min
Lab File: BP007381.D
Acq: 08 Oct 2021 19:17

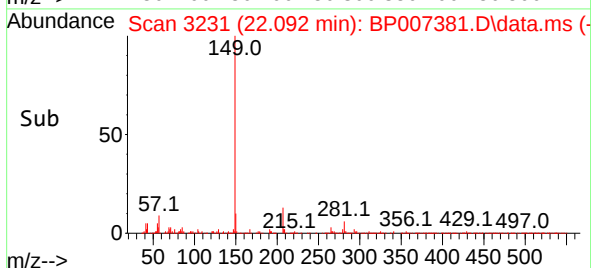
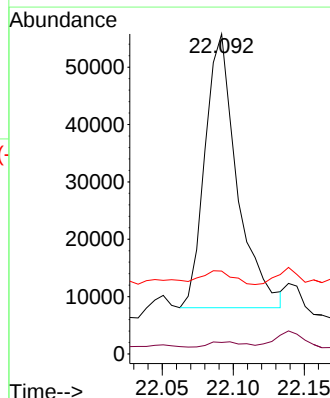
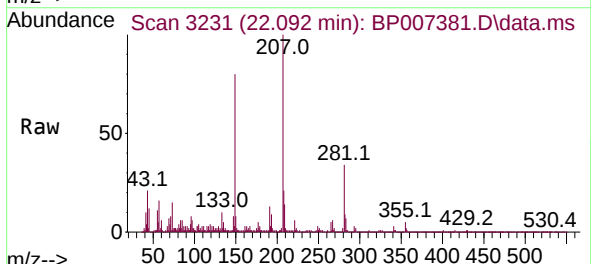
Instrument :
BNA_P
ClientSampleId :
CC-33

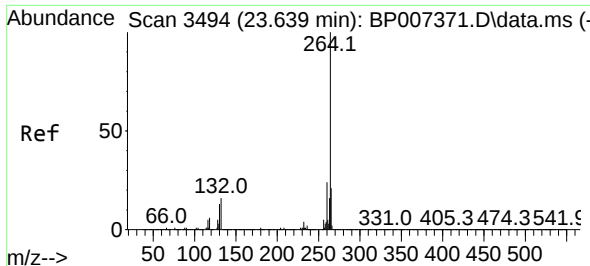
Tgt Ion:149 Resp: 646962
Ion Ratio Lower Upper
149 100
167 29.1 21.9 32.9
279 5.9 4.3 6.5



#85
Di-n-octyl phthalate
Concen: 2.291 ng
RT: 22.092 min Scan# 3231
Delta R.T. -0.006 min
Lab File: BP007381.D
Acq: 08 Oct 2021 19:17

Tgt Ion:149 Resp: 74887
Ion Ratio Lower Upper
149 100
167 3.1 1.4 2.0#
43 5.0 5.6 8.4#

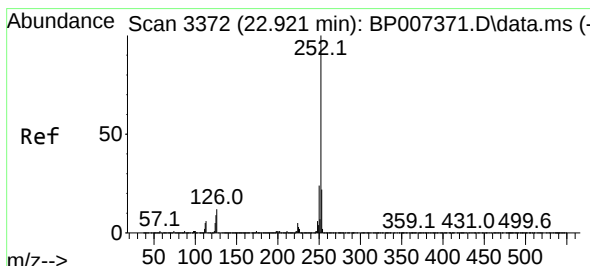
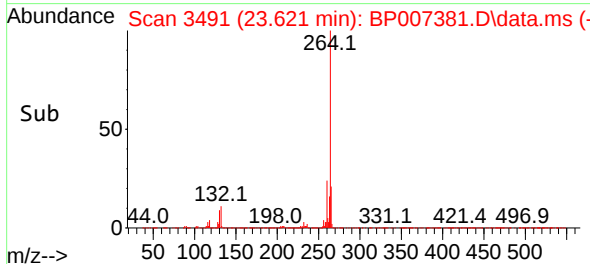
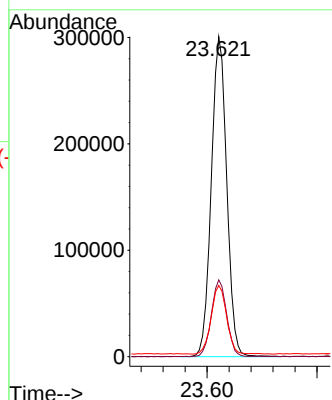
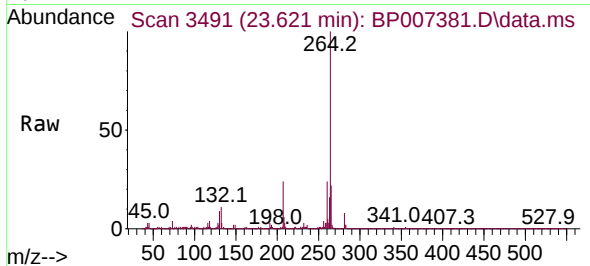




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.621 min Scan# 3491
Delta R.T. -0.018 min
Lab File: BP007381.D
Acq: 08 Oct 2021 19:17

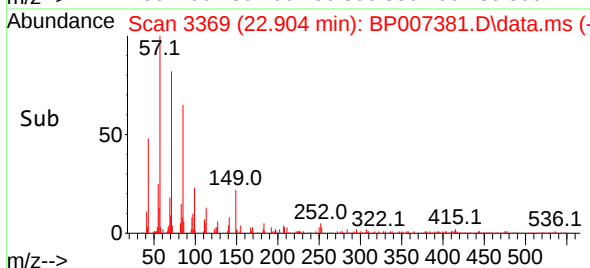
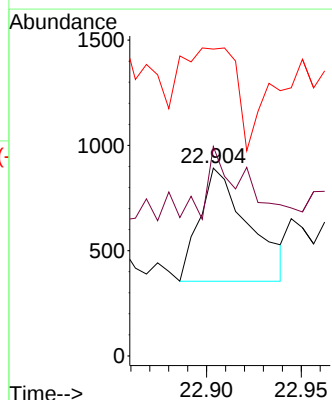
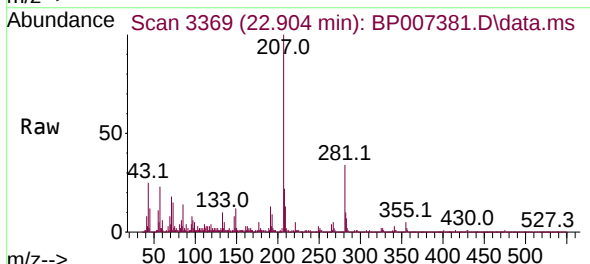
Instrument :
BNA_P
ClientSampleId :
CC-33

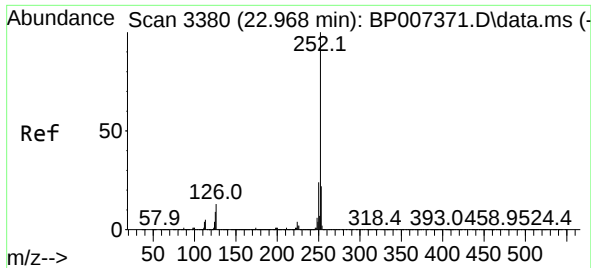
Tgt Ion:264 Resp: 587193
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 22.2 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: Below Cal
RT: 22.904 min Scan# 3369
Delta R.T. -0.017 min
Lab File: BP007381.D
Acq: 08 Oct 2021 19:17

Tgt Ion:252 Resp: 967
Ion Ratio Lower Upper
252 100
253 111.5 17.5 26.3#
125 163.5 6.2 9.4#





#89

Benzo(k)fluoranthene

Concen: Below Cal

RT: 22.945 min Scan# 3376

Delta R.T. -0.023 min

Lab File: BP007381.D

Acq: 08 Oct 2021 19:17

Instrument :

BNA_P

ClientSampleId :

CC-33

Tgt Ion:252 Resp: 79

Ion Ratio Lower Upper

252 100

253 107.8 17.6 26.4#

125 195.4 6.0 9.0#

