

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100821\
 Data File : BP007380.D
 Acq On : 08 Oct 2021 18:43
 Operator : CG/JU
 Sample : M4077-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CC-27

Quant Time: Oct 09 06:18:08 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)

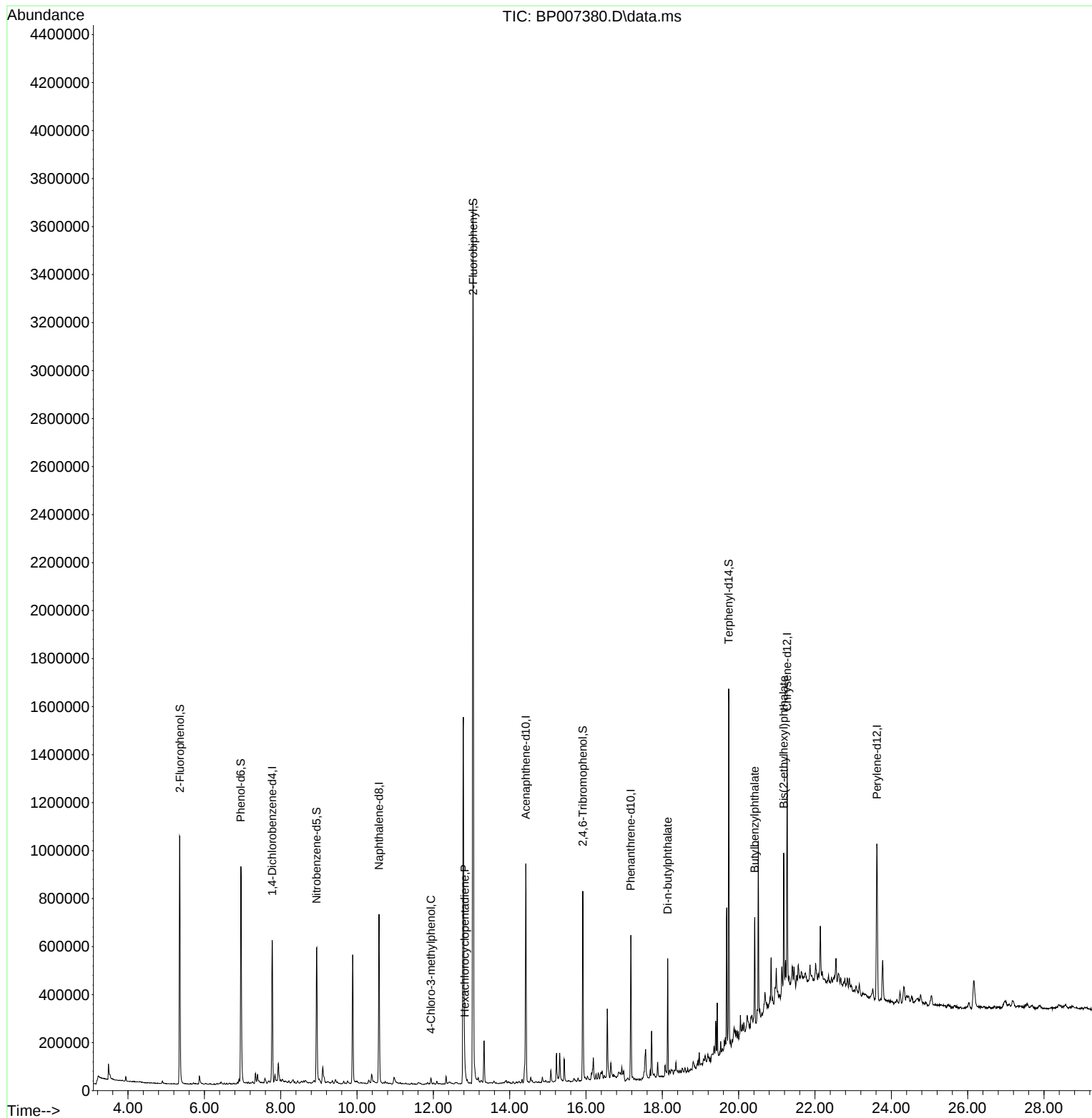
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	169752	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	611007	20.000	ng	# 0.00
39) Acenaphthene-d10	14.422	164	314129	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	360664	20.000	ng	-0.01
76) Chrysene-d12	21.268	240	444596	20.000	ng	-0.01
86) Perylene-d12	23.621	264	520905	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	502553	48.782	ng	0.00
7) Phenol-d6	6.957	99	583050	42.156	ng	0.00
23) Nitrobenzene-d5	8.940	82	354003	34.123	ng	-0.01
42) 2,4,6-Tribromophenol	15.916	330	153349	29.761	ng	-0.01
45) 2-Fluorobiphenyl	13.045	172	780431	34.715	ng	0.00
79) Terphenyl-d14	19.739	244	719573	28.546	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	617	Below Cal	#	1
36) 4-Chloro-3-methylphenol	11.940	107	6413	2.936	ng	# 19
41) Hexachlorocyclopentadiene	12.828	237	31	6.062	ng	82
66) n-Nitrosodiphenylamine	15.686	169	709	Below Cal	#	88
68) Hexachlorobenzene	16.469	284	54	Below Cal	#	1
69) Atrazine	16.651	200	16	Below Cal	#	1
74) Di-n-butylphthalate	18.139	149	342898	15.067	ng	98
80) Butylbenzylphthalate	20.421	149	139247	11.773	ng	92
84) Bis(2-ethylhexyl)phtha...	21.180	149	218906	13.299	ng	98
88) Benzo(b)fluoranthene	22.910	252	493	Below Cal	#	1
89) Benzo(k)fluoranthene	22.957	252	428	Below Cal	#	1

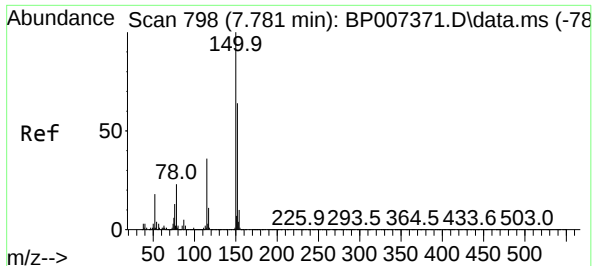
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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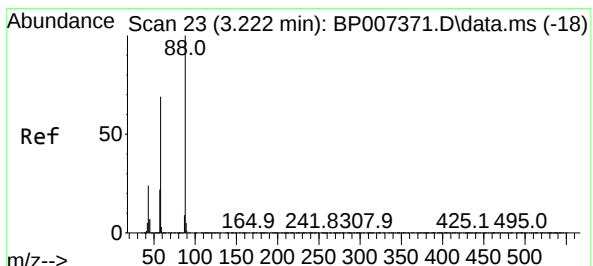
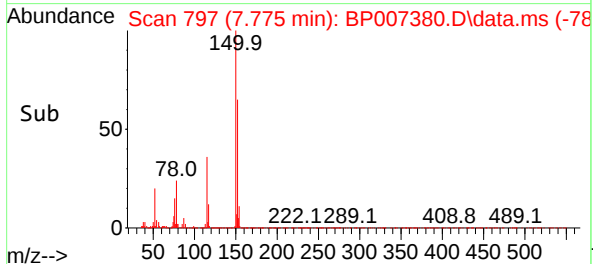
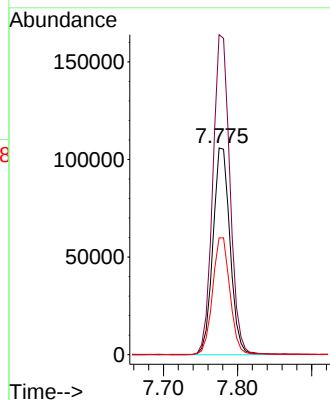
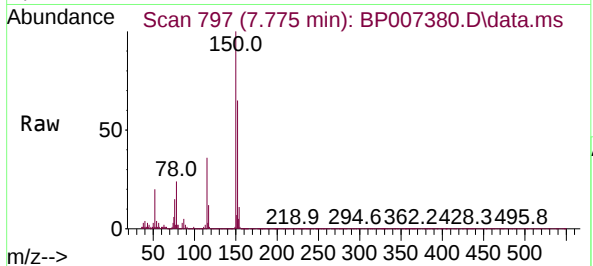




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BP007380.D
Acq: 08 Oct 2021 18:43

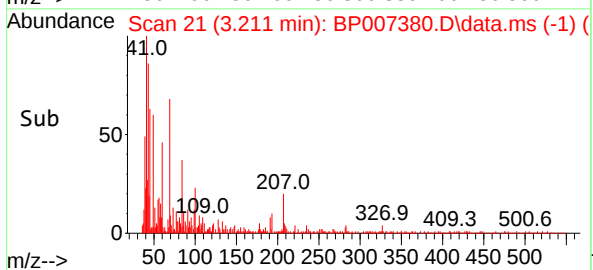
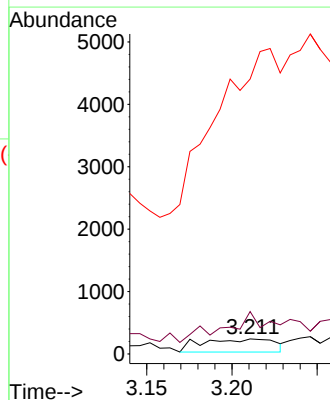
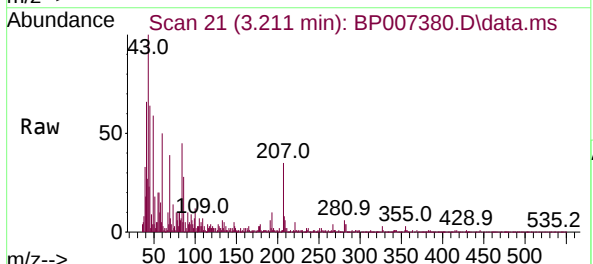
Instrument :
BNA_P
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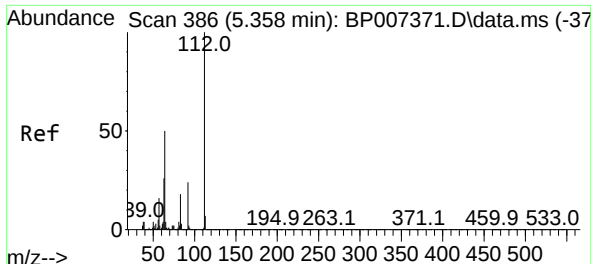
Tgt Ion:152 Resp: 169752
Ion Ratio Lower Upper
152 100
150 154.8 125.6 188.4
115 56.5 48.5 72.7



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.211 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP007380.D
Acq: 08 Oct 2021 18:43

Tgt Ion: 88 Resp: 617
Ion Ratio Lower Upper
88 100
58 69.9 46.7 70.1
43 1133.1 20.3 30.5#

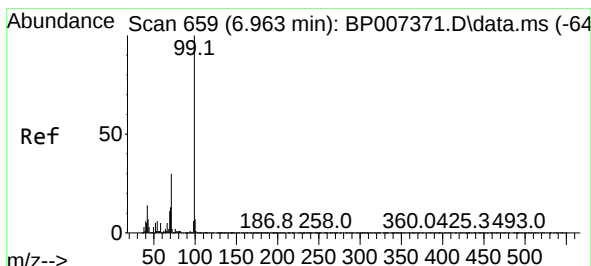
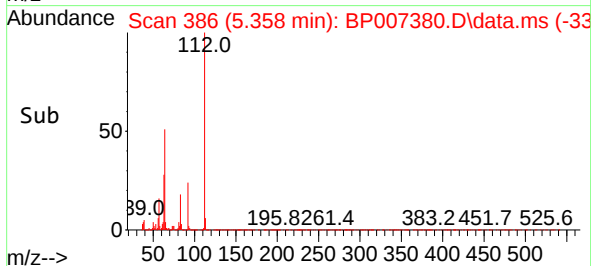
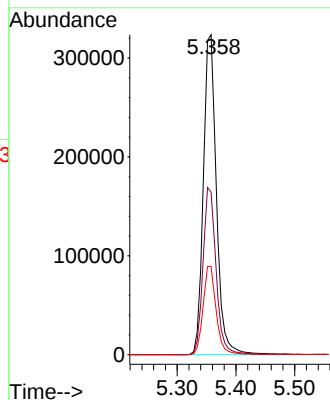
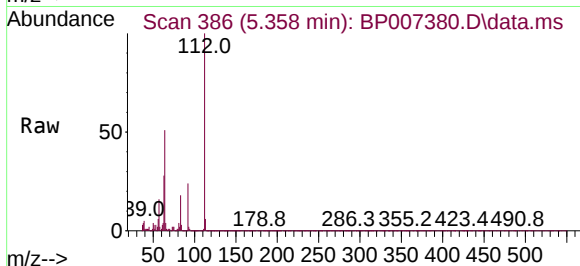




#5
2-Fluorophenol
Concen: 48.782 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.000 min
Lab File: BP007380.D
Acq: 08 Oct 2021 18:43

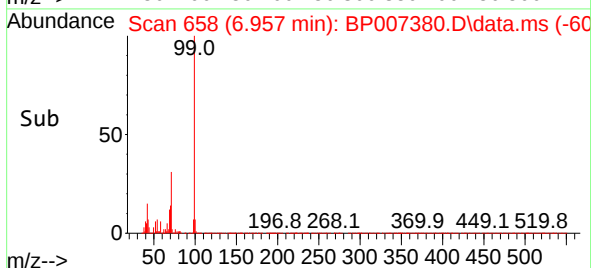
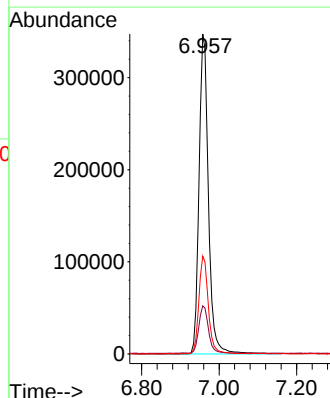
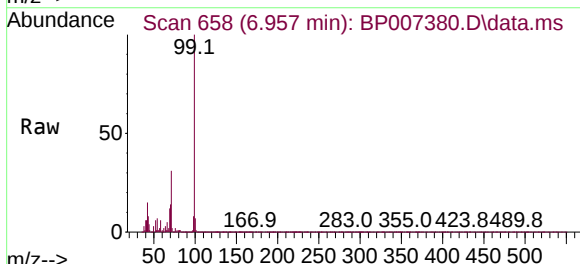
Instrument :
BNA_P
ClientSampleId :
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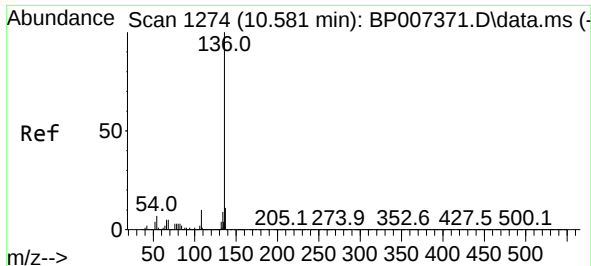
Tgt Ion:112 Resp: 502553
Ion Ratio Lower Upper
112 100
64 50.7 41.4 62.2
63 27.6 23.8 35.8



#7
Phenol-d6
Concen: 42.156 ng
RT: 6.957 min Scan# 658
Delta R.T. -0.006 min
Lab File: BP007380.D
Acq: 08 Oct 2021 18:43

Tgt Ion: 99 Resp: 583050
Ion Ratio Lower Upper
99 100
42 15.0 13.4 20.0
71 30.6 30.6 46.0#

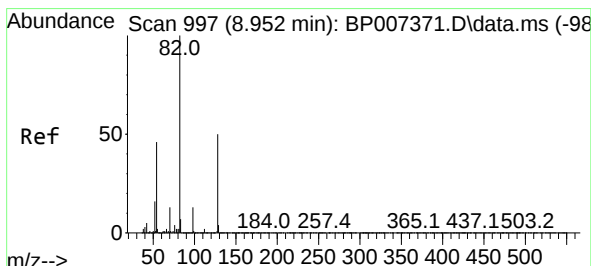
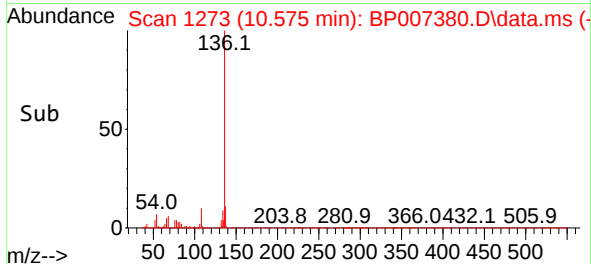
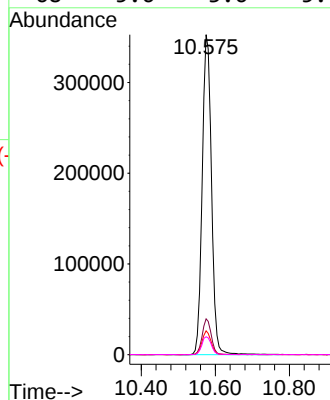
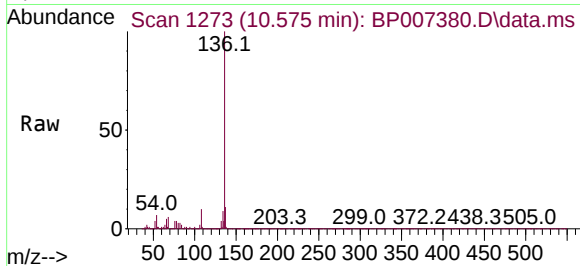




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP007380.D
Acq: 08 Oct 2021 18:43

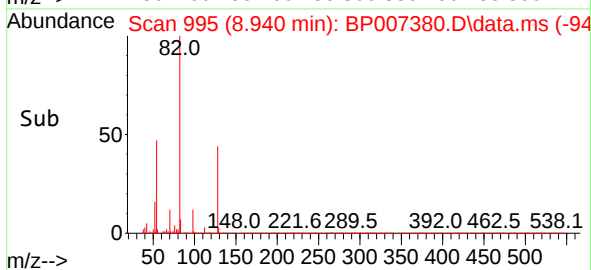
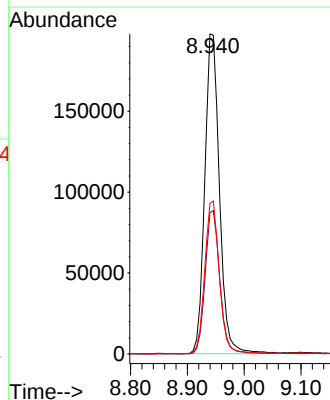
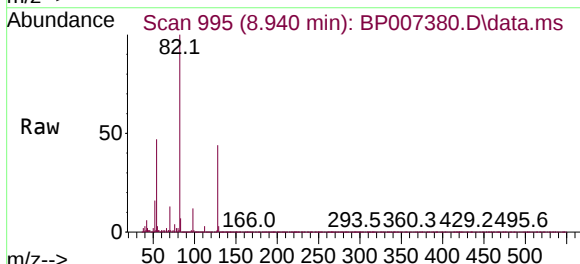
Instrument :
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ClientSampleId :
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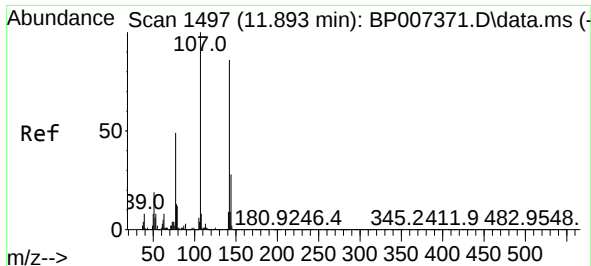
Tgt Ion:	136	Resp:	611007
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.6	12.8
54	7.5	4.6	6.8#
68	5.6	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 34.123 ng
RT: 8.940 min Scan# 995
Delta R.T. -0.012 min
Lab File: BP007380.D
Acq: 08 Oct 2021 18:43

Tgt Ion:	82	Resp:	354003
Ion Ratio	Lower	Upper	
82	100		
128	44.1	35.7	53.5
54	47.0	35.0	52.4

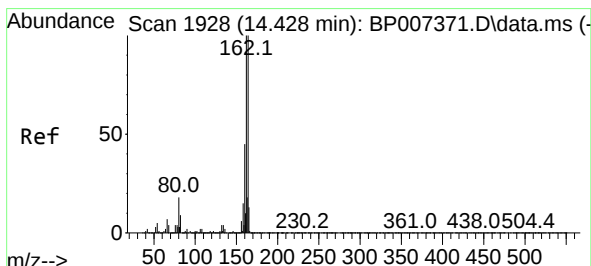
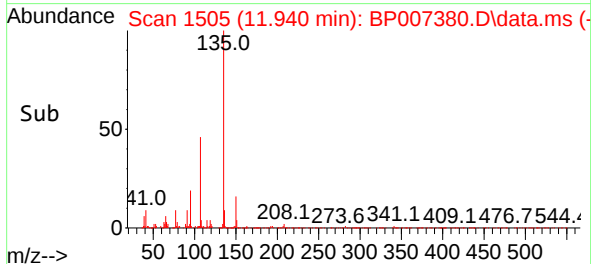
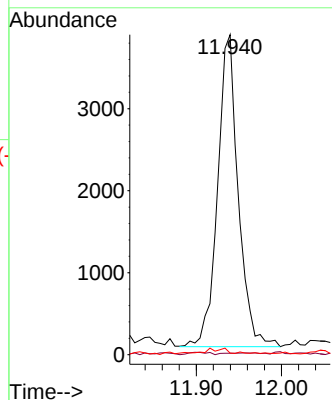
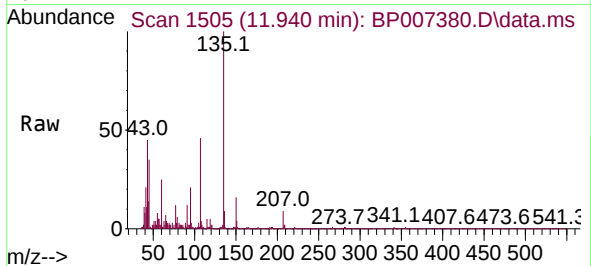




#36
4-Chloro-3-methylphenol
Concen: 2.936 ng
RT: 11.940 min Scan# 1505
Delta R.T. 0.047 min
Lab File: BP007380.D
Acq: 08 Oct 2021 18:43

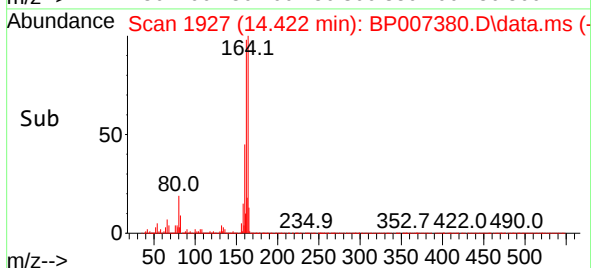
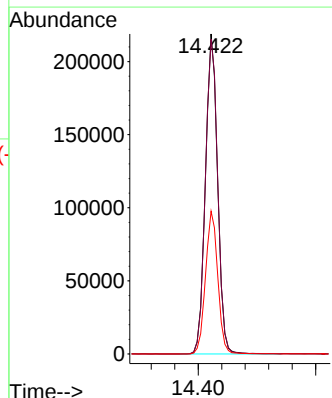
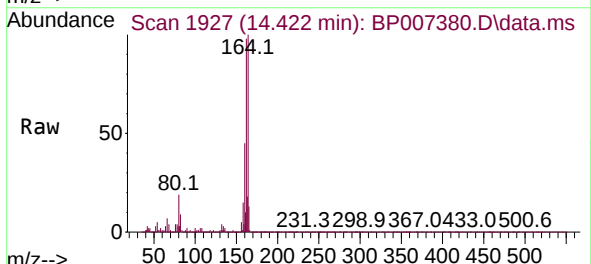
Instrument :
BNA_P
ClientSampleId :
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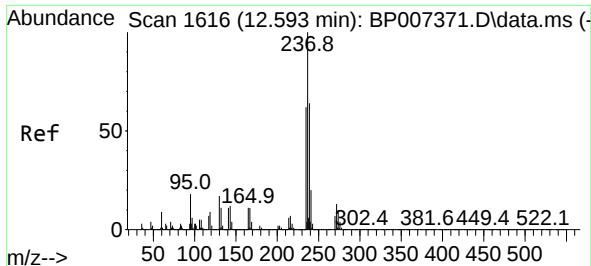
Tgt Ion:107 Resp: 6413
Ion Ratio Lower Upper
107 100
144 0.5 21.1 31.7#
142 0.5 66.0 99.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP007380.D
Acq: 08 Oct 2021 18:43

Tgt Ion:164 Resp: 314129
Ion Ratio Lower Upper
164 100
162 98.4 80.2 120.2
160 44.6 34.5 51.7

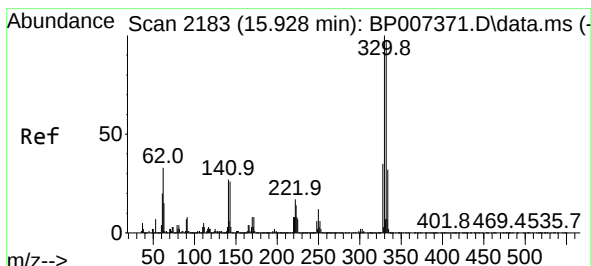
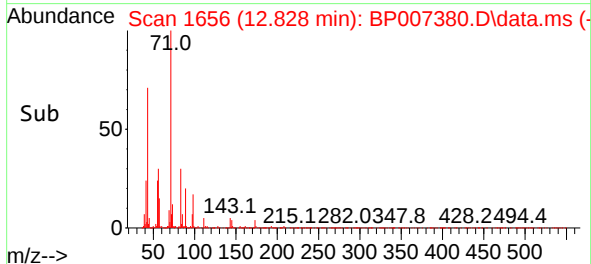
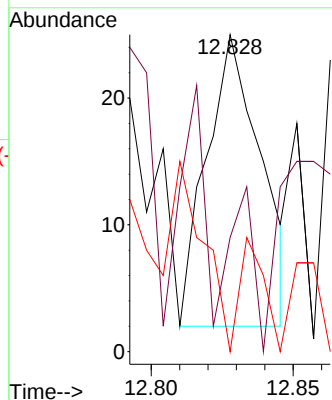
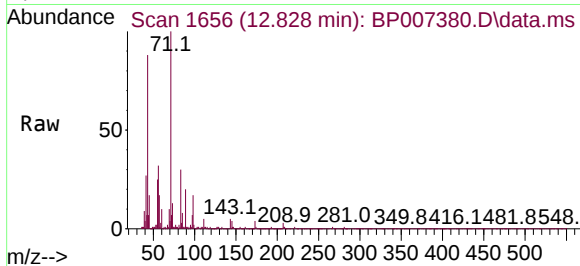




#41
Hexachlorocyclopentadiene
Concen: 6.062 ng
RT: 12.828 min Scan# 1656
Delta R.T. 0.235 min
Lab File: BP007380.D
Acq: 08 Oct 2021 18:43

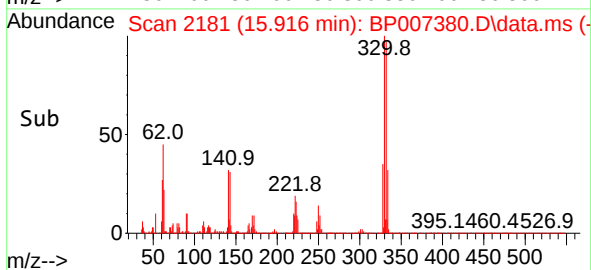
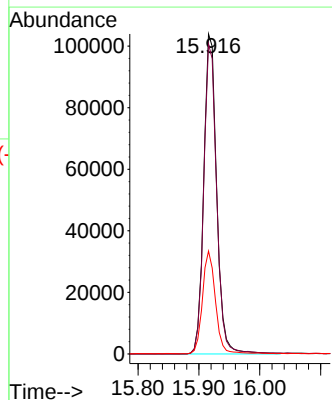
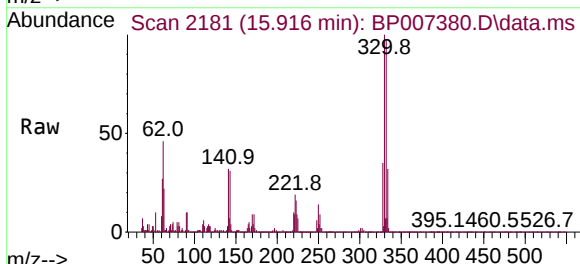
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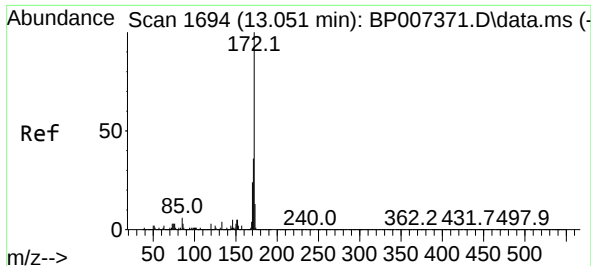
Tgt Ion:	237	Resp:	31
Ion	Ratio	Lower	Upper
237	100		
235	52.0	44.5	84.5
272	0.0	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 29.761 ng
RT: 15.916 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BP007380.D
Acq: 08 Oct 2021 18:43

Tgt Ion:	330	Resp:	153349
Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.8	116.8
141	32.4	25.4	38.2

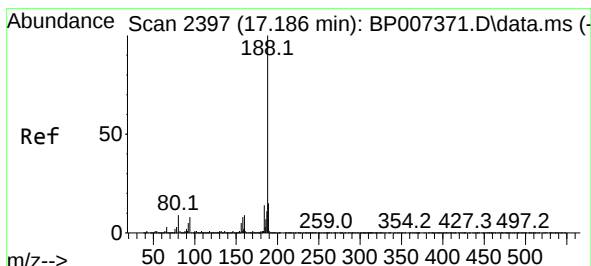
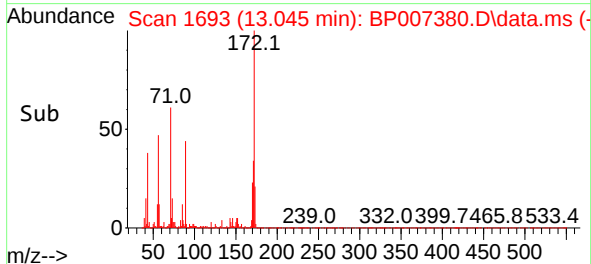
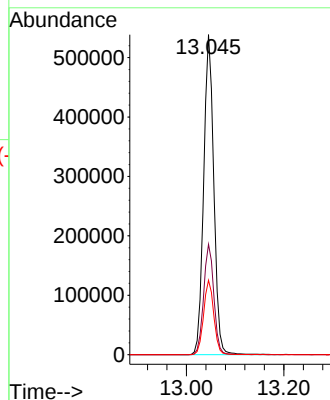
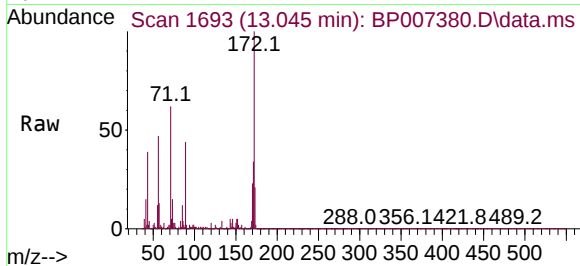




#45
2-Fluorobiphenyl
Concen: 34.715 ng
RT: 13.045 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BP007380.D
Acq: 08 Oct 2021 18:43

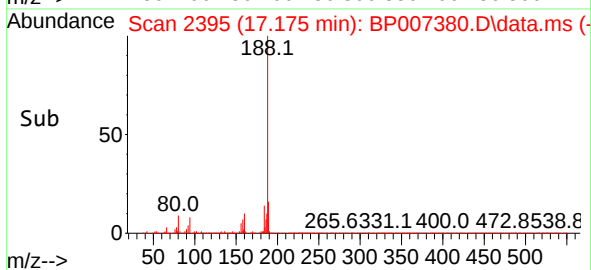
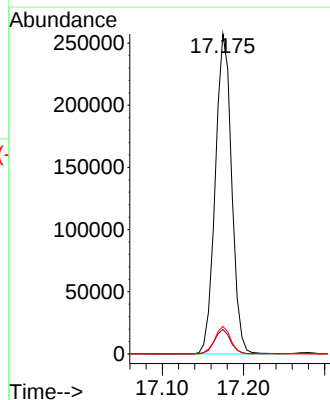
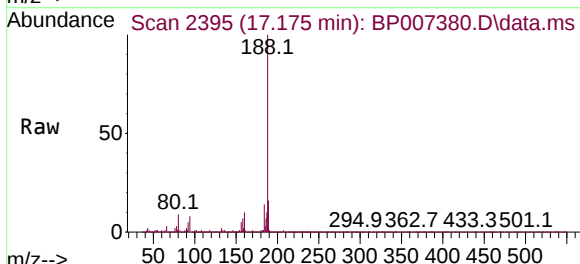
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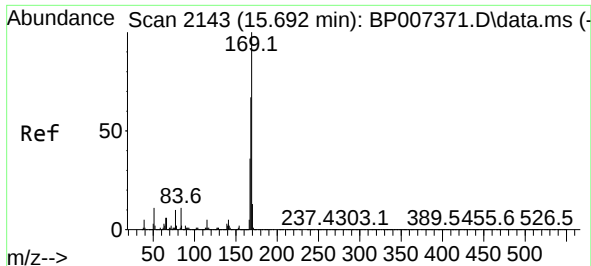
Tgt Ion:	172	Resp:	780431
Ion Ratio	Lower	Upper	
172	100		
171	34.5	27.9	41.9
170	23.3	18.6	27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2395
Delta R.T. -0.011 min
Lab File: BP007380.D
Acq: 08 Oct 2021 18:43

Tgt Ion:	188	Resp:	360664
Ion Ratio	Lower	Upper	
188	100		
94	7.7	5.6	8.4
80	8.6	6.3	9.5

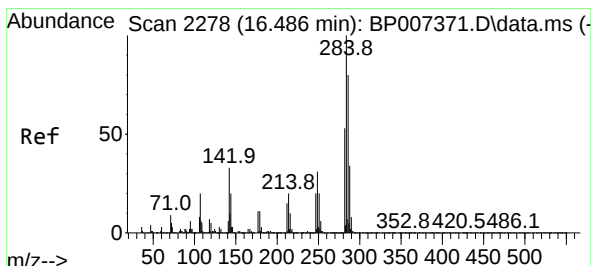
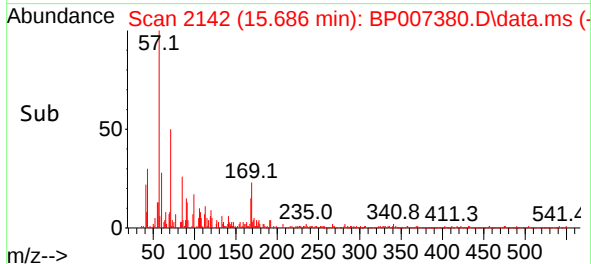
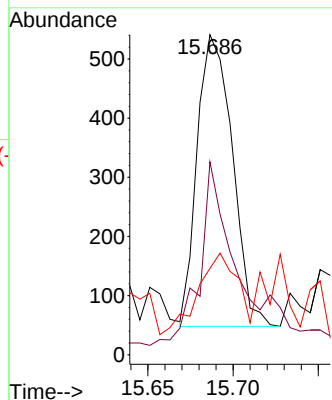
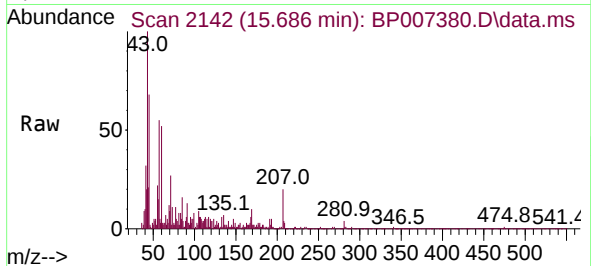




#66
n-Nitrosodiphenylamine
Concen: Below Cal
RT: 15.686 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BP007380.D
Acq: 08 Oct 2021 18:43

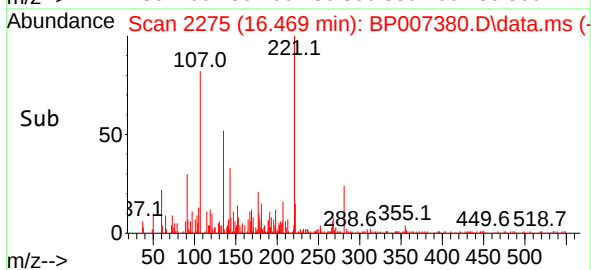
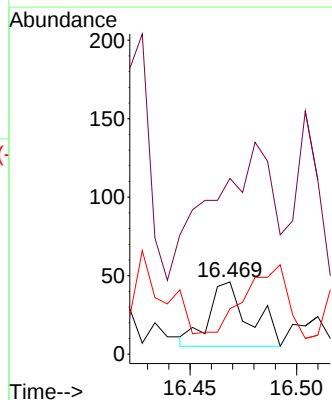
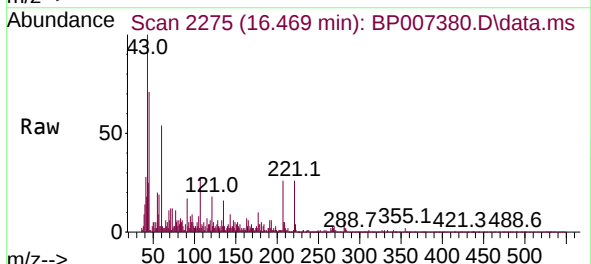
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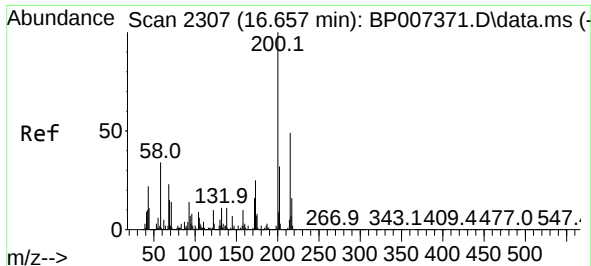
Tgt Ion:169 Resp: 709
Ion Ratio Lower Upper
169 100
168 60.3 54.4 81.6
167 27.0 29.0 43.6#



#68
Hexachlorobenzene
Concen: Below Cal
RT: 16.469 min Scan# 2275
Delta R.T. -0.017 min
Lab File: BP007380.D
Acq: 08 Oct 2021 18:43

Tgt Ion:284 Resp: 54
Ion Ratio Lower Upper
284 100
142 243.5 26.9 40.3#
249 63.0 24.5 36.7#

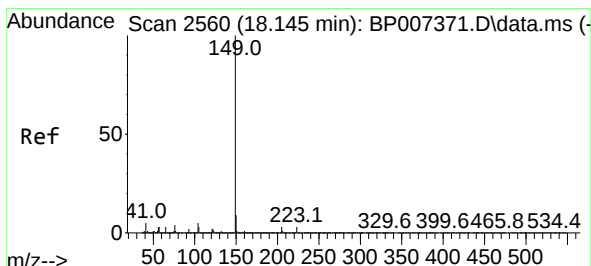
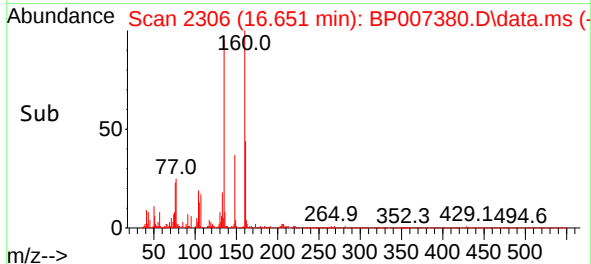
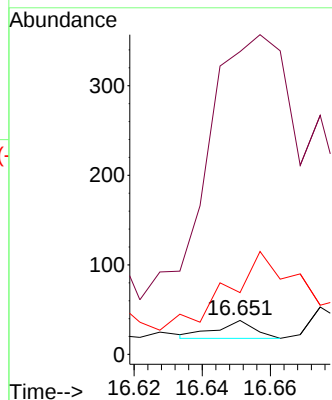
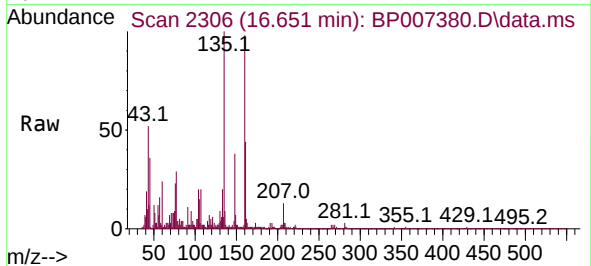




#69
Atrazine
Concen: Below Cal
RT: 16.651 min Scan# 2306
Delta R.T. -0.006 min
Lab File: BP007380.D
Acq: 08 Oct 2021 18:43

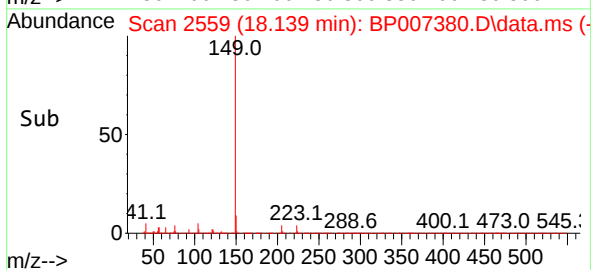
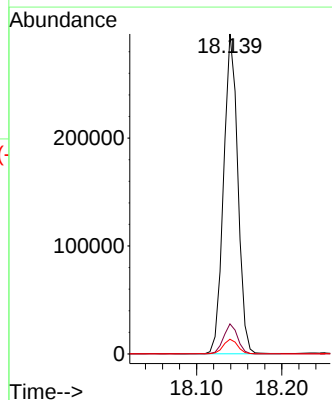
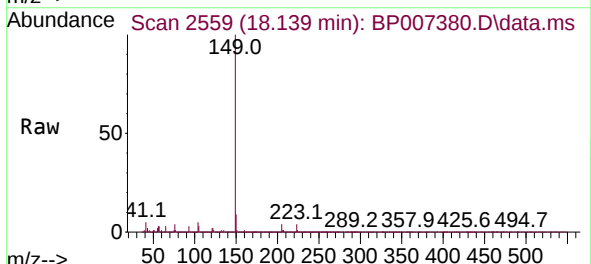
Instrument :
BNA_P
ClientSampleId :
CC-27

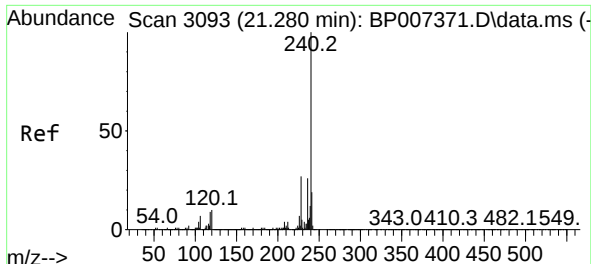
Tgt Ion:200 Resp: 16
Ion Ratio Lower Upper
200 100
173 889.5 4.1 44.1#
215 181.6 27.7 67.7#



#74
Di-n-butylphthalate
Concen: 15.067 ng
RT: 18.139 min Scan# 2559
Delta R.T. -0.006 min
Lab File: BP007380.D
Acq: 08 Oct 2021 18:43

Tgt Ion:149 Resp: 342898
Ion Ratio Lower Upper
149 100
150 9.4 7.3 10.9
104 4.6 4.5 6.7

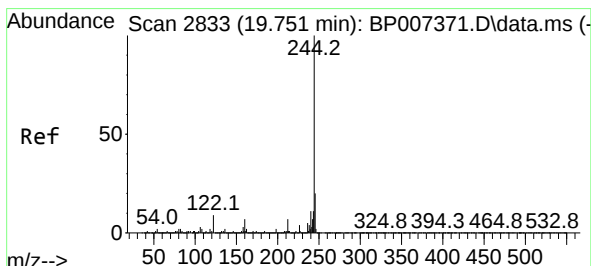
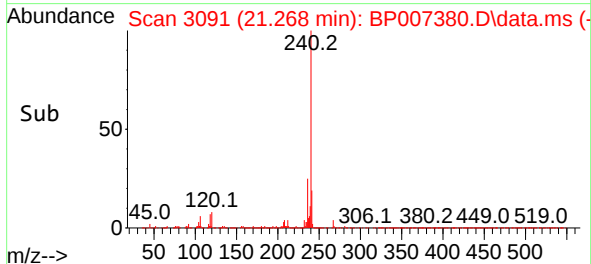
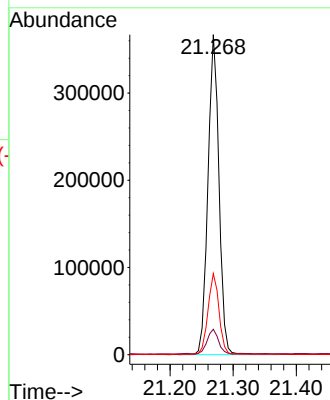
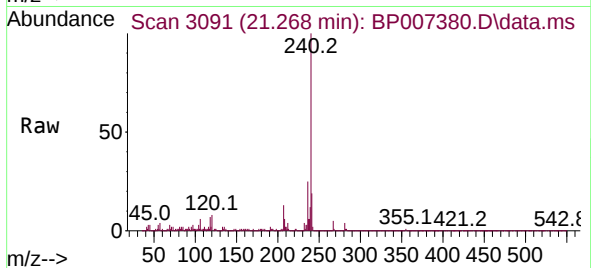




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.268 min Scan# 3091
Delta R.T. -0.012 min
Lab File: BP007380.D
Acq: 08 Oct 2021 18:43

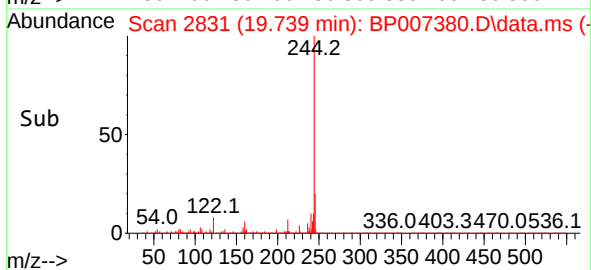
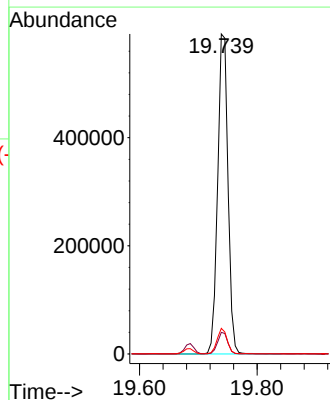
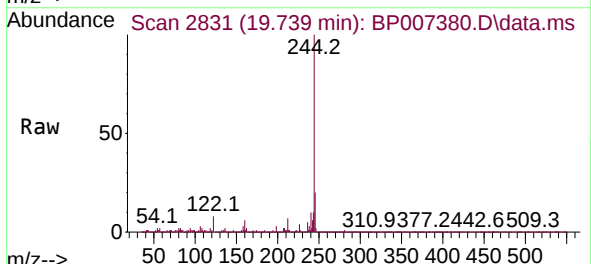
Instrument :
BNA_P
ClientSampleId :
CC-27

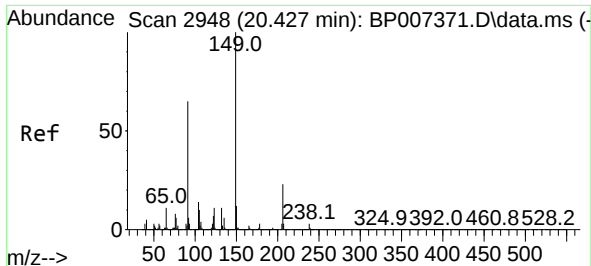
Tgt Ion:240 Resp: 444596
Ion Ratio Lower Upper
240 100
120 7.9 6.5 9.7
236 25.3 20.6 31.0



#79
Terphenyl-d14
Concen: 28.546 ng
RT: 19.739 min Scan# 2831
Delta R.T. -0.012 min
Lab File: BP007380.D
Acq: 08 Oct 2021 18:43

Tgt Ion:244 Resp: 719573
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 8.0 7.1 10.7

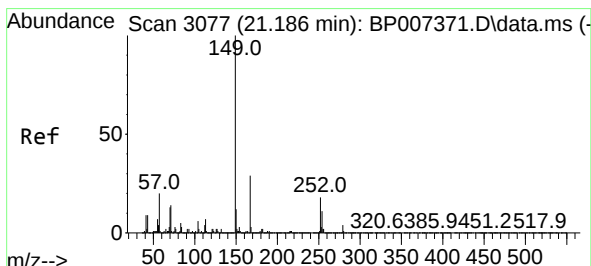
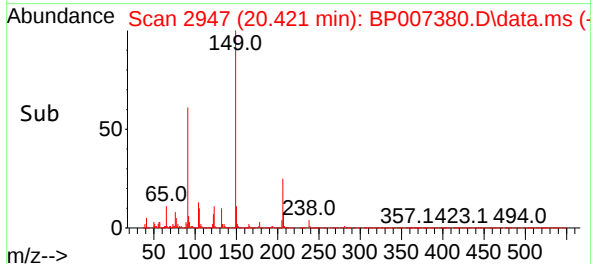
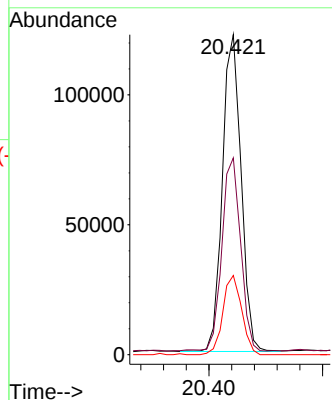
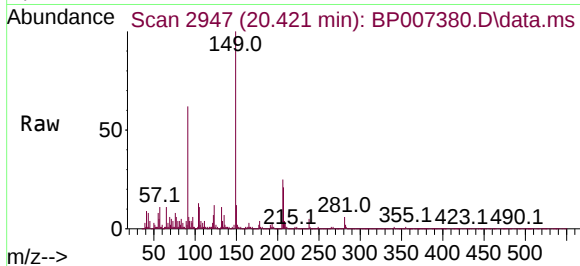




#80
Butylbenzylphthalate
Concen: 11.773 ng
RT: 20.421 min Scan# 2947
Delta R.T. -0.006 min
Lab File: BP007380.D
Acq: 08 Oct 2021 18:43

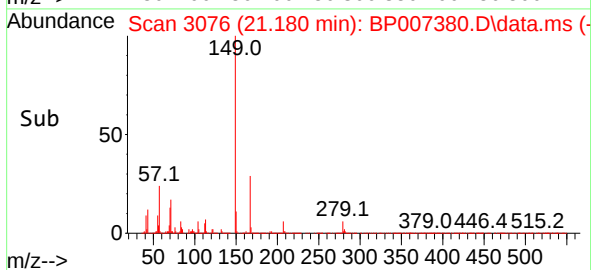
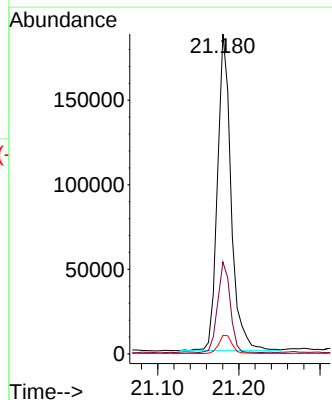
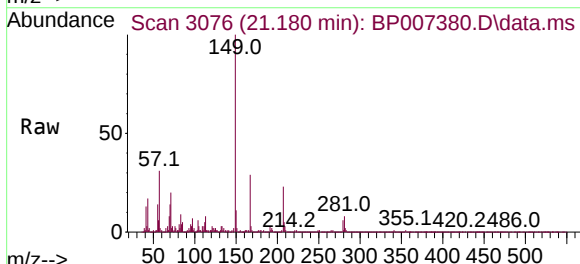
Instrument :
BNA_P
ClientSampleId :
CC-27

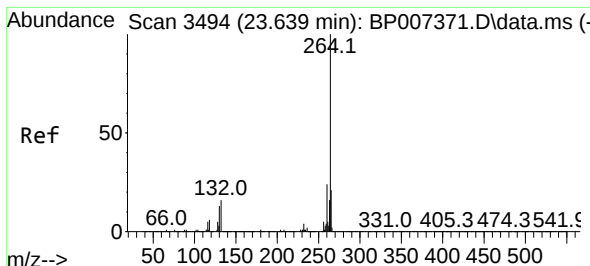
Tgt Ion:	149	Resp:	139247
Ion Ratio	Lower	Upper	
149	100		
91	61.5	54.6	81.8
206	24.7	16.7	25.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 13.299 ng
RT: 21.180 min Scan# 3076
Delta R.T. -0.006 min
Lab File: BP007380.D
Acq: 08 Oct 2021 18:43

Tgt Ion:	149	Resp:	218906
Ion Ratio	Lower	Upper	
149	100		
167	28.7	21.9	32.9
279	5.8	4.3	6.5

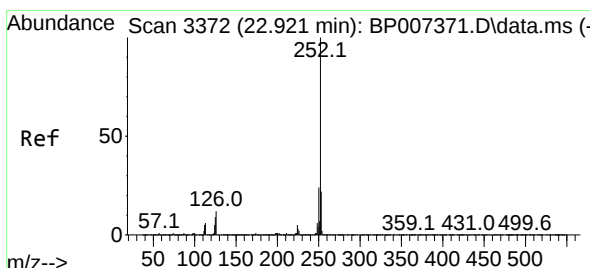
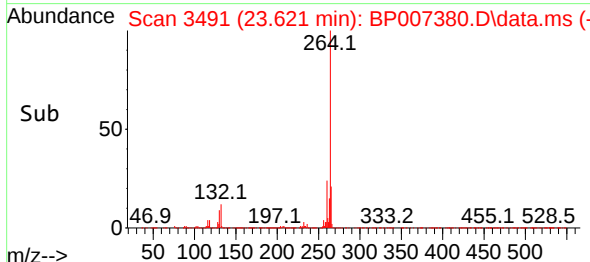
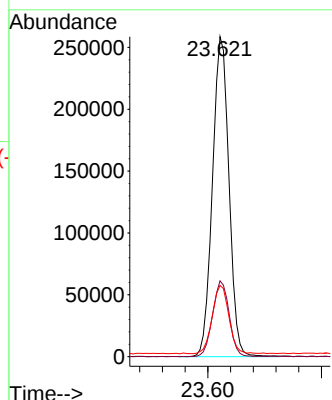
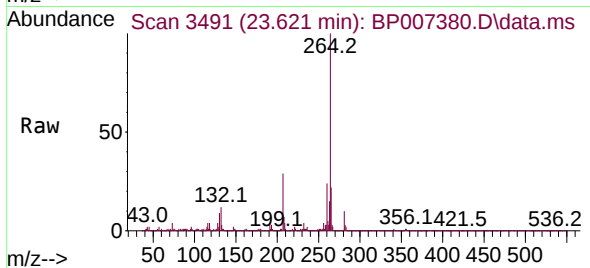




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.621 min Scan# 3491
Delta R.T. -0.018 min
Lab File: BP007380.D
Acq: 08 Oct 2021 18:43

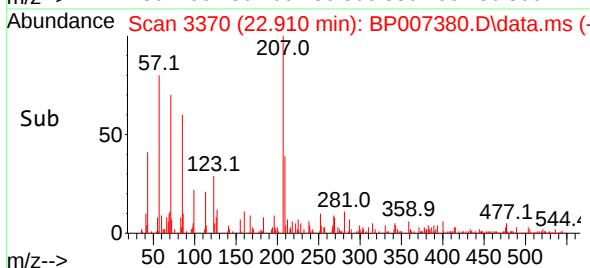
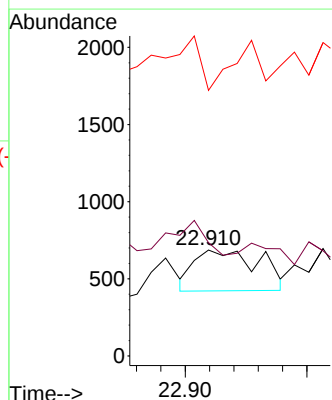
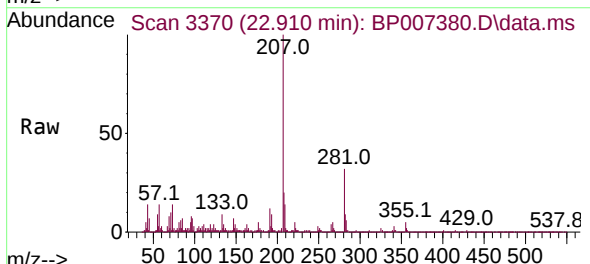
Instrument :
BNA_P
ClientSampled :
CC-27

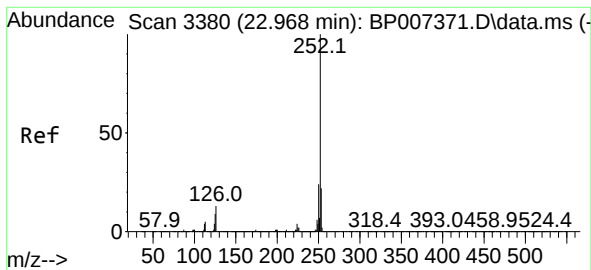
Tgt Ion:264 Resp: 520905
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 22.3 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: Below Cal
RT: 22.910 min Scan# 3370
Delta R.T. -0.011 min
Lab File: BP007380.D
Acq: 08 Oct 2021 18:43

Tgt Ion:252 Resp: 493
Ion Ratio Lower Upper
252 100
253 106.8 17.5 26.3#
125 250.7 6.2 9.4#





#89

Benzo(k)fluoranthene

Concen: Below Cal

RT: 22.957 min Scan# 3378

Delta R.T. -0.011 min

Lab File: BP007380.D

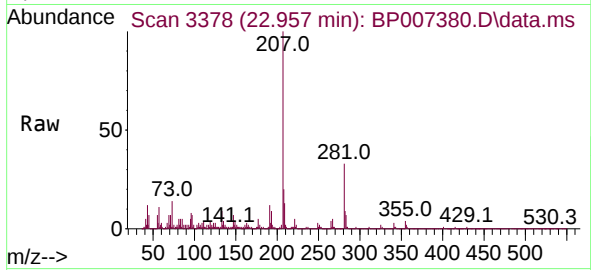
Acq: 08 Oct 2021 18:43

Instrument :

BNA_P

ClientSampleId :

CC-27



Tgt Ion:252 Resp: 428

Ion Ratio Lower Upper

252 100

253 97.8 17.6 26.4#

125 292.0 6.0 9.0#

