

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093021\
 Data File : BP007280.D
 Acq On : 30 Sep 2021 20:19
 Operator : CG/JU
 Sample : M3984-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GARAGE-WALL

Quant Time: Oct 01 05:04:03 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 29 14:45:49 2021
 Response via : Initial Calibration

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

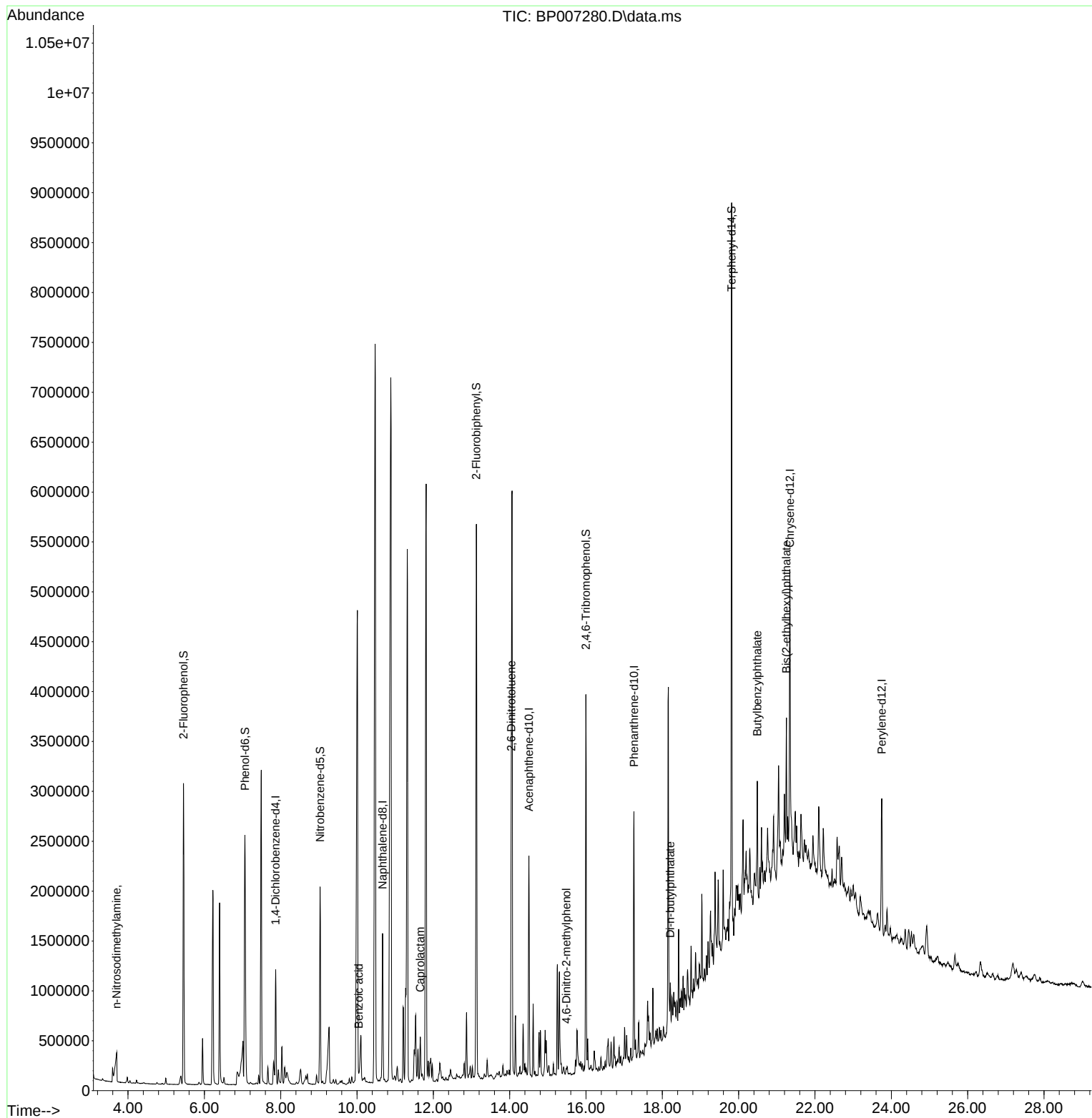
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	312940	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	1242735	20.000	ng	# 0.00
39) Acenaphthene-d10	14.504	164	775307	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	1502147	20.000	ng	0.00
76) Chrysene-d12	21.345	240	1031977	20.000	ng	# 0.00
86) Perylene-d12	23.751	264	1036443	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	1532252	81.961	ng	0.00
7) Phenol-d6	7.064	99	1948953	76.277	ng	0.01
23) Nitrobenzene-d5	9.034	82	1148769	53.833	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	784040	78.003	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	2880275	53.222	ng	0.00
79) Terphenyl-d14	19.816	244	3380771	62.777	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.699	42	39803	5.612	ng	# 1
32) Benzoic acid	10.046	122	29506	2.298	ng	95
35) Caprolactam	11.657	113	26289	4.385	ng	# 60
51) 2,6-Dinitrotoluene	14.040	165	401437	35.243	ng	# 38
65) 4,6-Dinitro-2-methylph...	15.487	198	35889	3.981	ng	# 51
74) Di-n-butylphthalate	18.210	149	286264	3.346	ng	99
80) Butylbenzylphthalate	20.486	149	340229	12.548	ng	98
84) Bis(2-ethylhexyl)phtha...	21.251	149	468758	12.025	ng	98

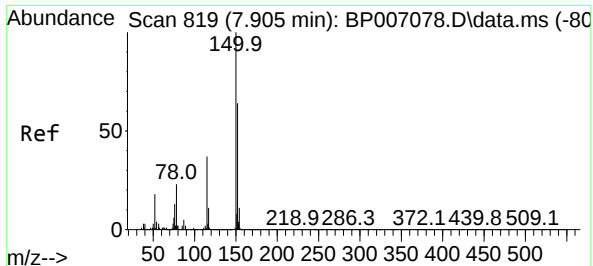
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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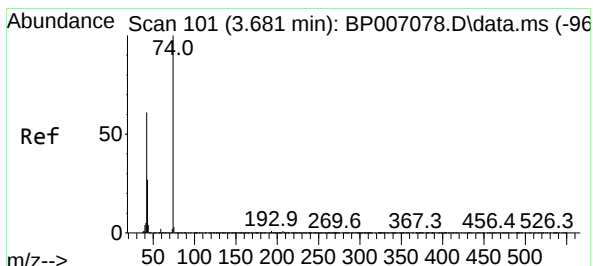
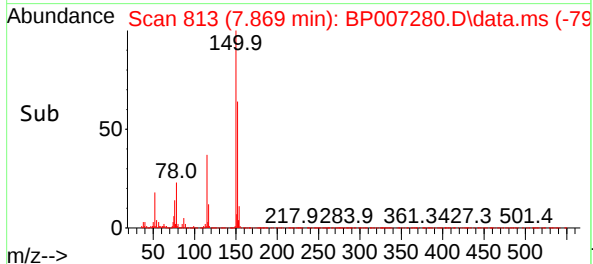
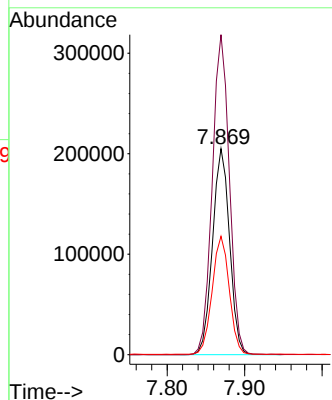
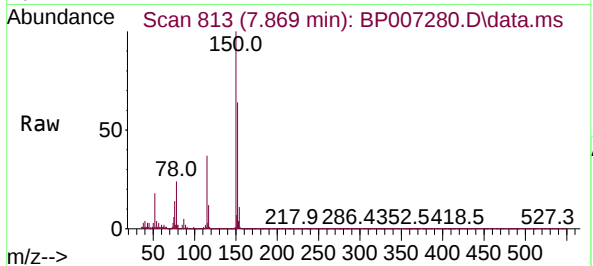




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP007280.D
Acq: 30 Sep 2021 20:19

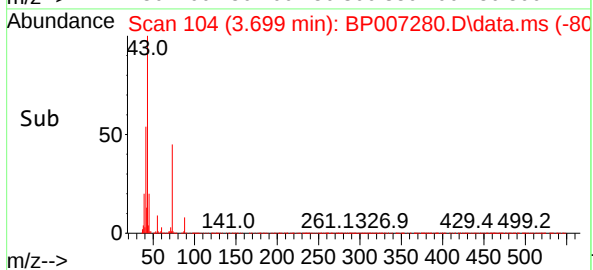
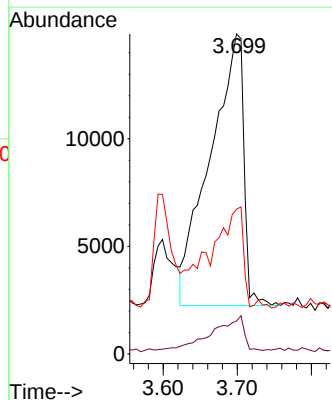
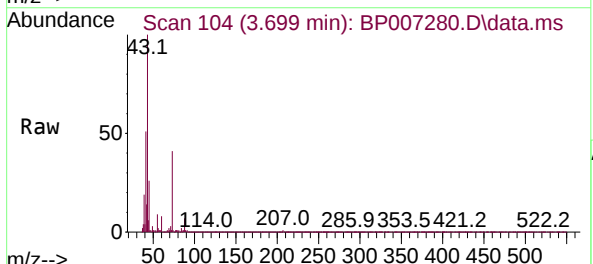
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BNA_P
ClientSampleId :
GARAGE-WALL

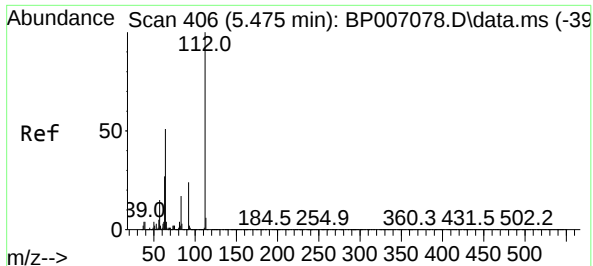
Tgt Ion:152 Resp: 312940
Ion Ratio Lower Upper
152 100
150 155.2 125.6 188.4
115 57.4 48.5 72.7



#4
n-Nitrosodimethylamine
Concen: 5.612 ng
RT: 3.699 min Scan# 104
Delta R.T. 0.041 min
Lab File: BP007280.D
Acq: 30 Sep 2021 20:19

Tgt Ion: 42 Resp: 39803
Ion Ratio Lower Upper
42 100
74 10.3 105.4 158.0#
44 45.3 4.2 6.4#

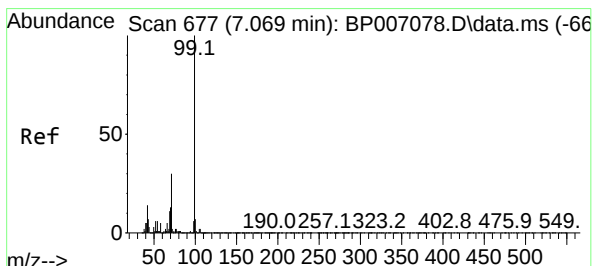
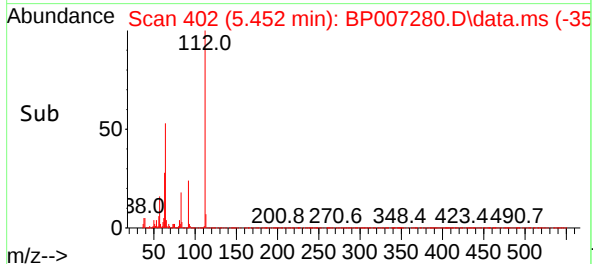
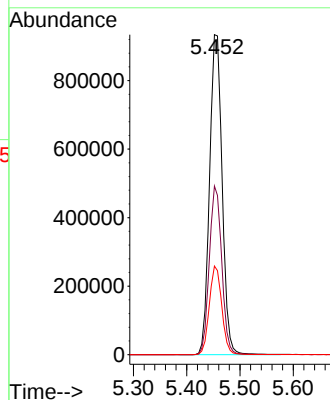
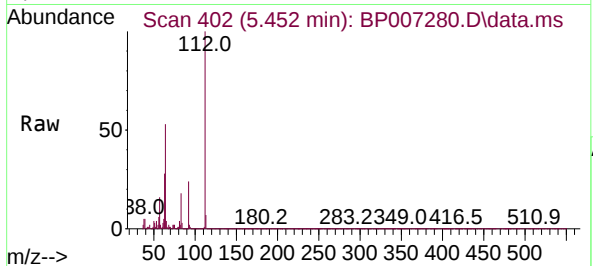




#5
2-Fluorophenol
Concen: 81.961 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.000 min
Lab File: BP007280.D
Acq: 30 Sep 2021 20:19

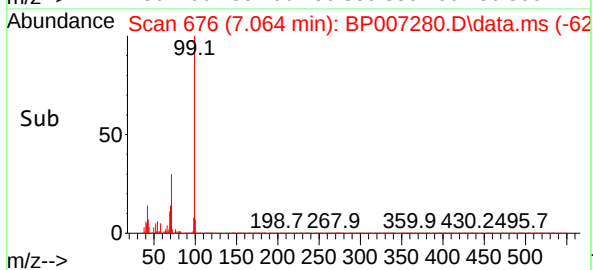
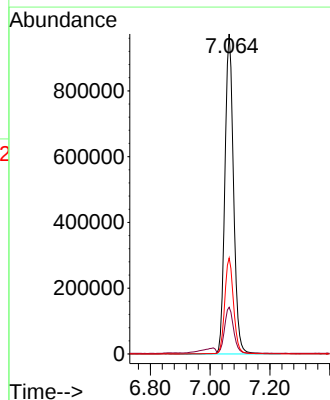
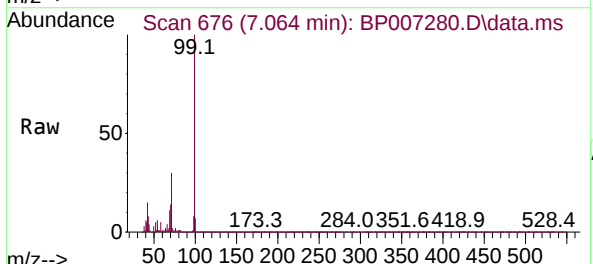
Instrument :
BNA_P
ClientSampleId :
GARAGE-WALL

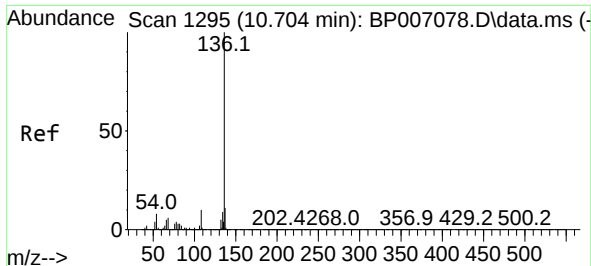
Tgt Ion:112 Resp: 1532252
Ion Ratio Lower Upper
112 100
64 52.7 41.4 62.2
63 27.7 23.8 35.8



#7
Phenol-d6
Concen: 76.277 ng
RT: 7.064 min Scan# 676
Delta R.T. 0.012 min
Lab File: BP007280.D
Acq: 30 Sep 2021 20:19

Tgt Ion: 99 Resp: 1948953
Ion Ratio Lower Upper
99 100
42 14.6 13.4 20.0
71 30.0 30.6 46.0#



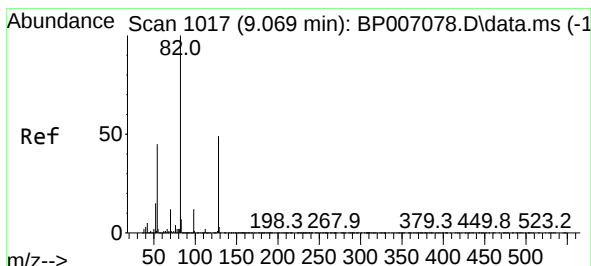
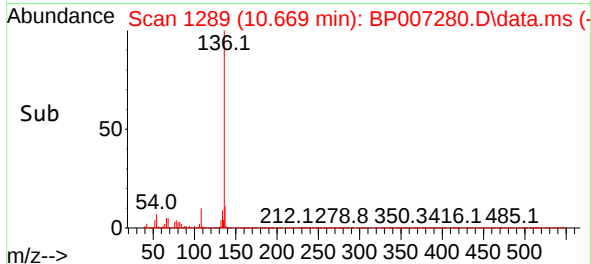
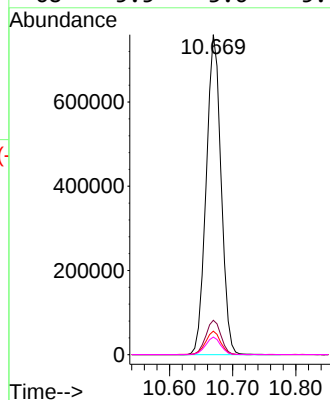
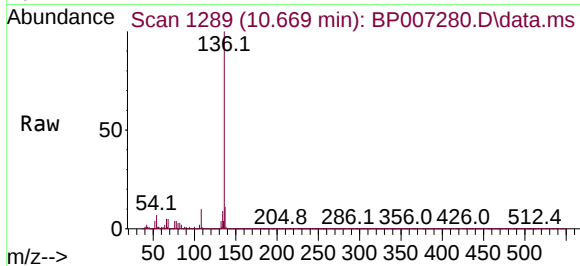


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP007280.D
Acq: 30 Sep 2021 20:19

Instrument :
BNA_P
ClientSampleId :
GARAGE-WALL

Tgt Ion:136 Resp: 1242735

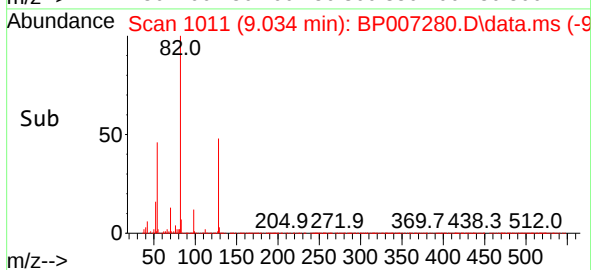
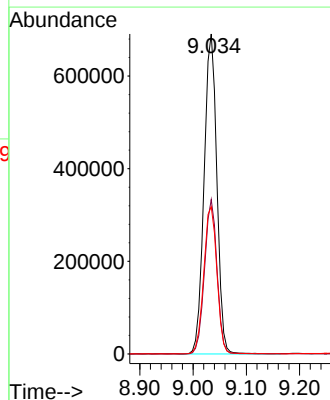
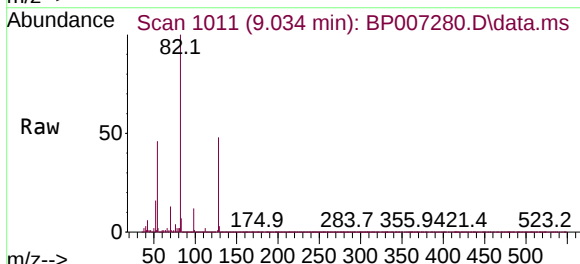
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	7.3	4.6	6.8#
68	5.5	3.6	5.4#

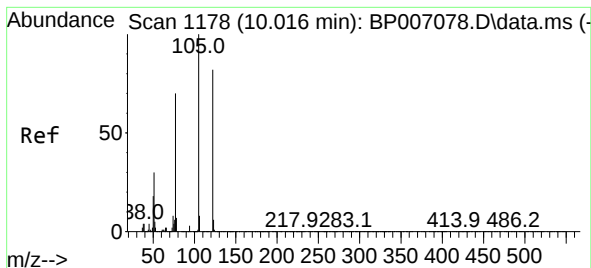


#23
Nitrobenzene-d5
Concen: 53.833 ng
RT: 9.034 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BP007280.D
Acq: 30 Sep 2021 20:19

Tgt Ion: 82 Resp: 1148769

Ion	Ratio	Lower	Upper
82	100		
128	48.3	35.7	53.5
54	46.0	35.0	52.4

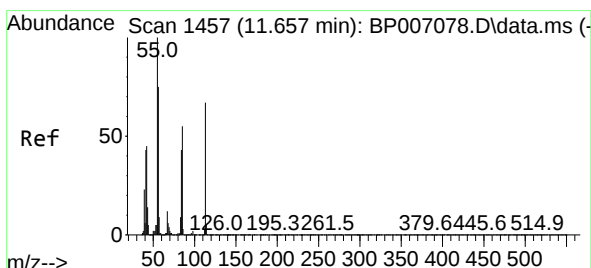
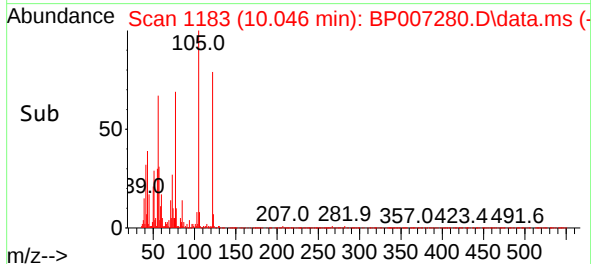
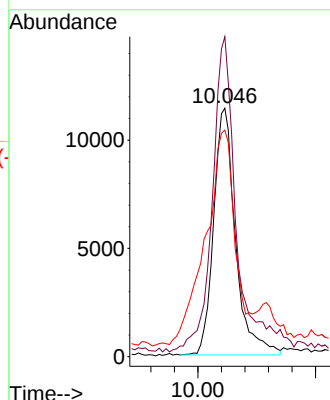
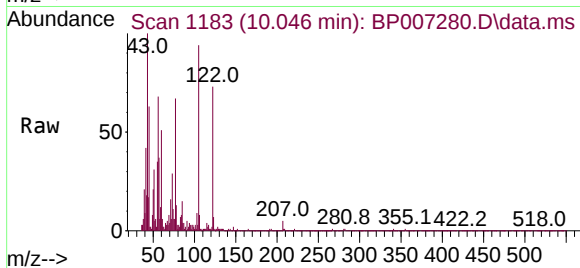




#32
Benzoic acid
Concen: 2.298 ng
RT: 10.046 min Scan# 1183
Delta R.T. 0.035 min
Lab File: BP007280.D
Acq: 30 Sep 2021 20:19

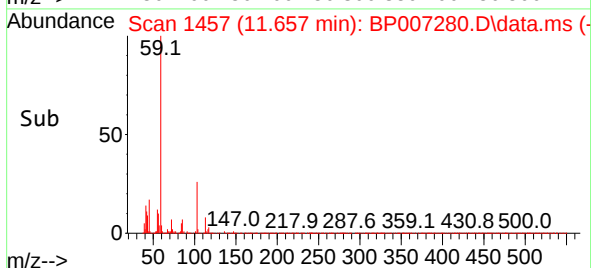
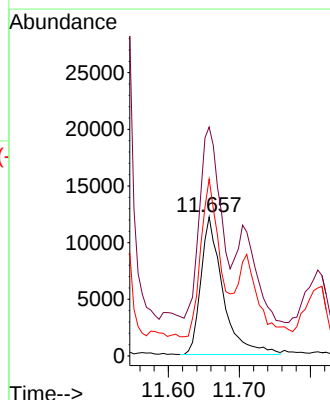
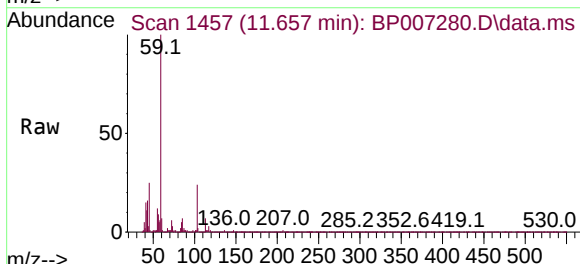
Instrument :
BNA_P
ClientSampleId :
GARAGE-WALL

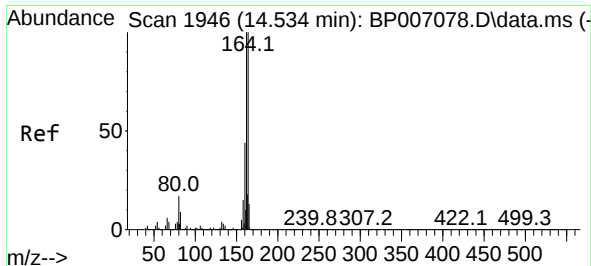
Tgt Ion:122 Resp: 29506
Ion Ratio Lower Upper
122 100
105 128.8 103.2 143.2
77 91.2 76.2 116.2



#35
Caprolactam
Concen: 4.385 ng
RT: 11.657 min Scan# 1457
Delta R.T. 0.012 min
Lab File: BP007280.D
Acq: 30 Sep 2021 20:19

Tgt Ion:113 Resp: 26289
Ion Ratio Lower Upper
113 100
55 164.7 98.9 138.9#
56 127.3 71.7 111.7#

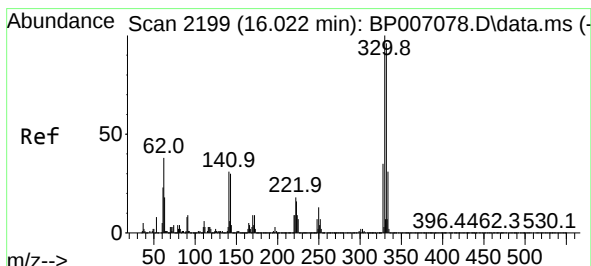
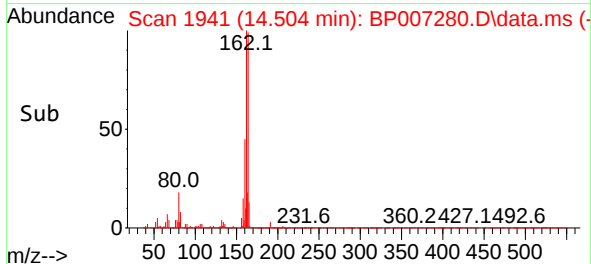
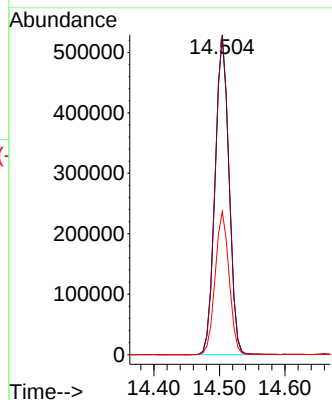
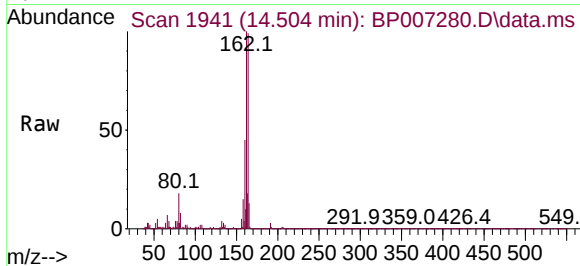




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BP007280.D
Acq: 30 Sep 2021 20:19

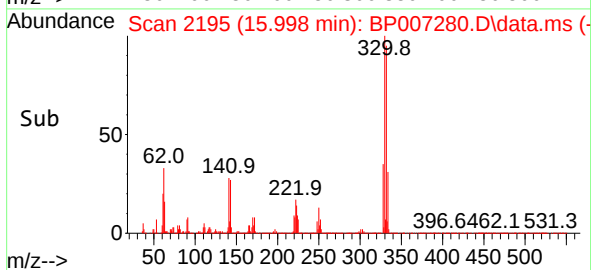
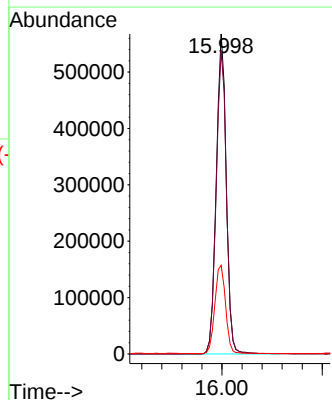
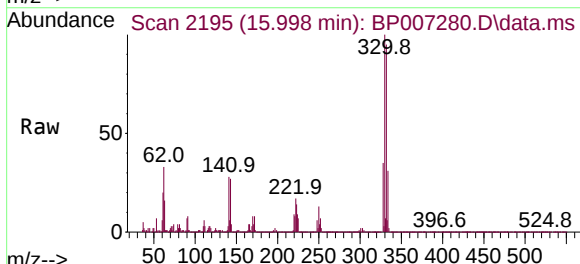
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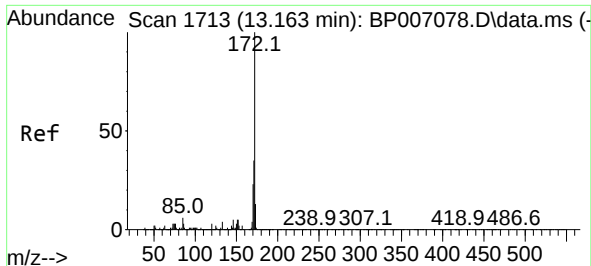
Tgt Ion:164 Resp: 775307
Ion Ratio Lower Upper
164 100
162 100.7 80.2 120.2
160 45.0 34.5 51.7



#42
2,4,6-Tribromophenol
Concen: 78.003 ng
RT: 15.998 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BP007280.D
Acq: 30 Sep 2021 20:19

Tgt Ion:330 Resp: 784040
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.8
141 29.5 25.4 38.2

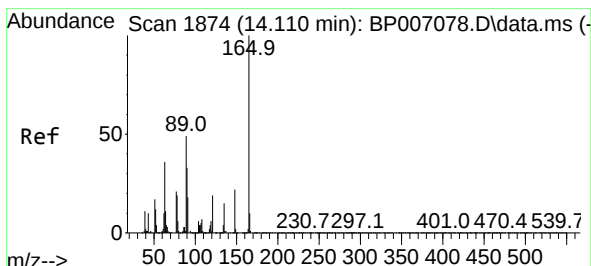
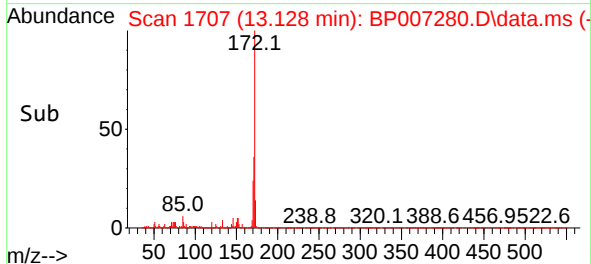
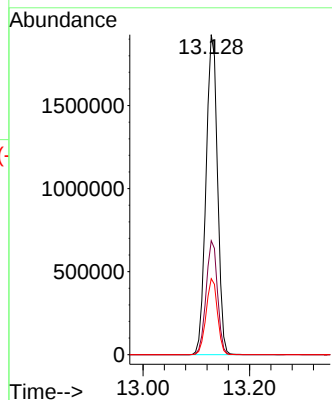
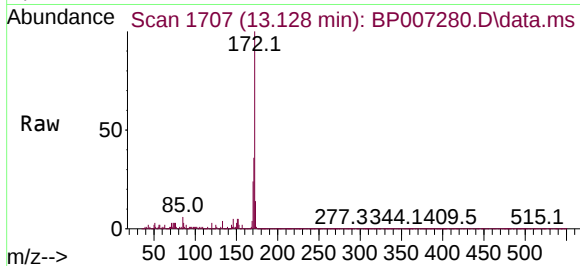




#45
2-Fluorobiphenyl
Concen: 53.222 ng
RT: 13.128 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BP007280.D
Acq: 30 Sep 2021 20:19

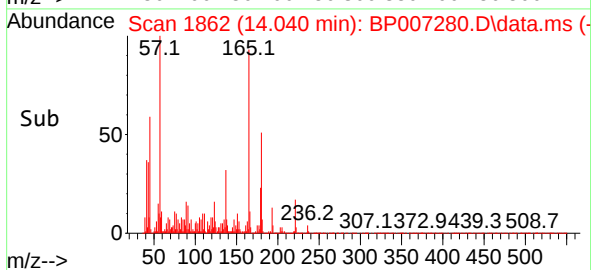
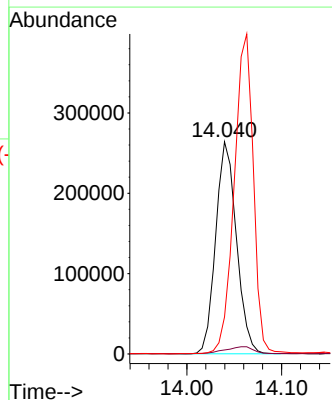
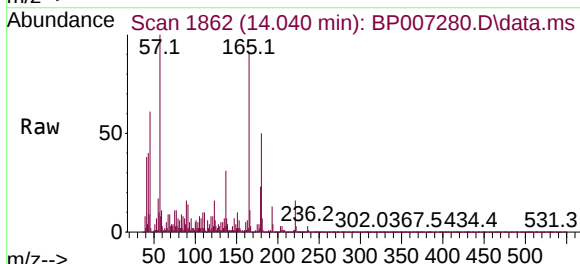
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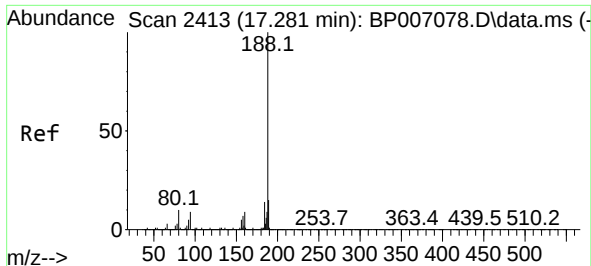
Tgt Ion:172 Resp: 2880275
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.7 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 35.243 ng
RT: 14.040 min Scan# 1862
Delta R.T. -0.053 min
Lab File: BP007280.D
Acq: 30 Sep 2021 20:19

Tgt Ion:165 Resp: 401437
Ion Ratio Lower Upper
165 100
63 1.9 41.3 61.9#
89 17.4 44.8 67.2#

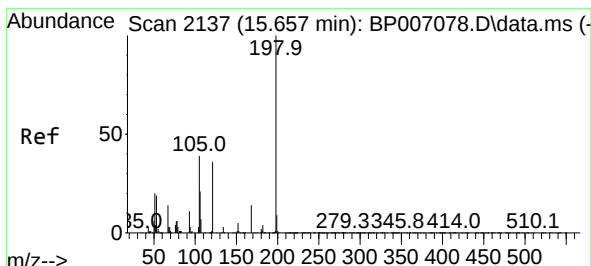
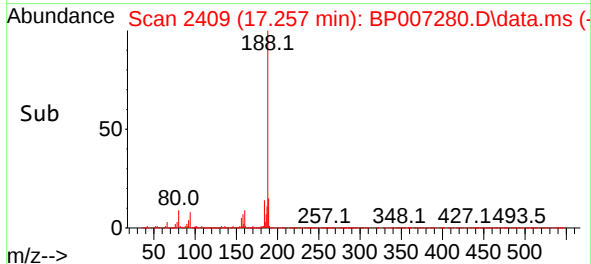
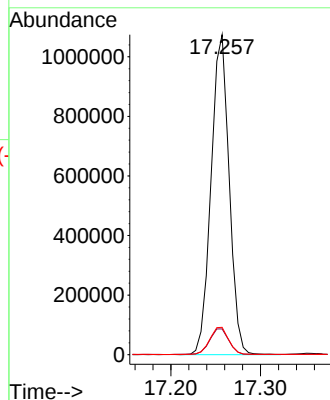
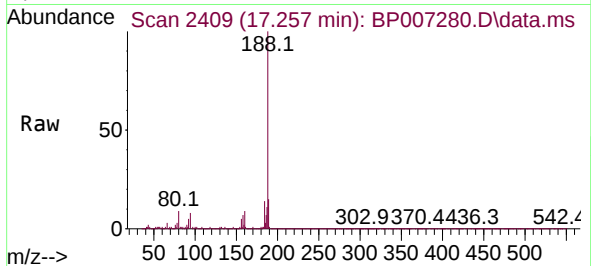




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP007280.D
Acq: 30 Sep 2021 20:19

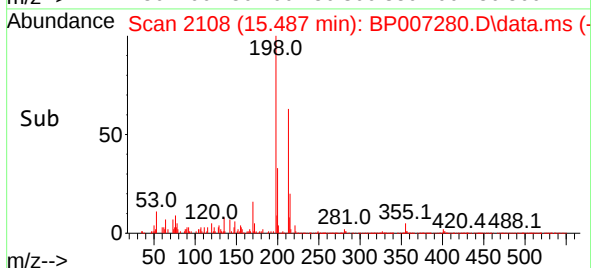
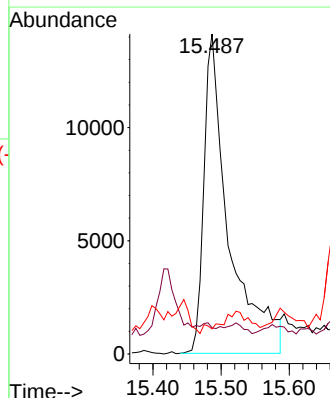
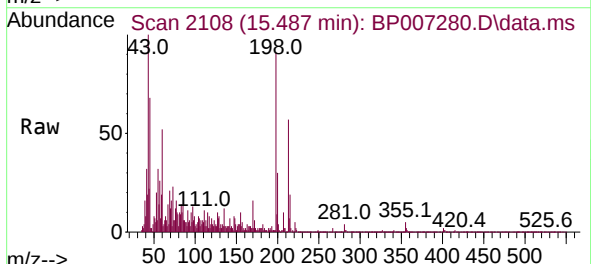
Instrument :
BNA_P
ClientSampleId :
GARAGE-WALL

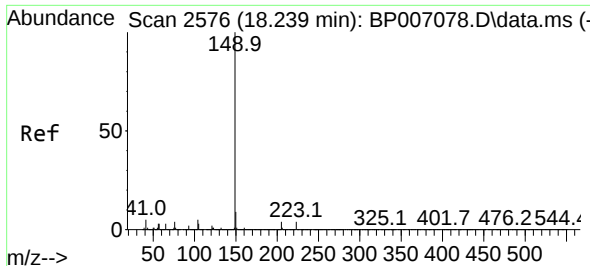
Tgt Ion:188 Resp: 1502147
Ion Ratio Lower Upper
188 100
94 8.1 5.6 8.4
80 8.6 6.3 9.5



#65
4,6-Dinitro-2-methylphenol
Concen: 3.981 ng
RT: 15.487 min Scan# 2108
Delta R.T. -0.165 min
Lab File: BP007280.D
Acq: 30 Sep 2021 20:19

Tgt Ion:198 Resp: 35889
Ion Ratio Lower Upper
198 100
51 8.2 14.0 54.0#
105 7.8 19.5 59.5#

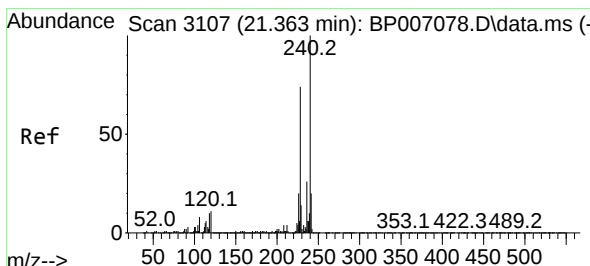
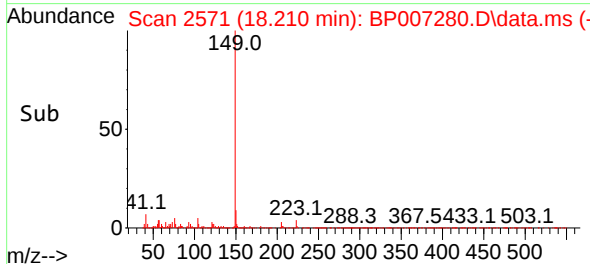
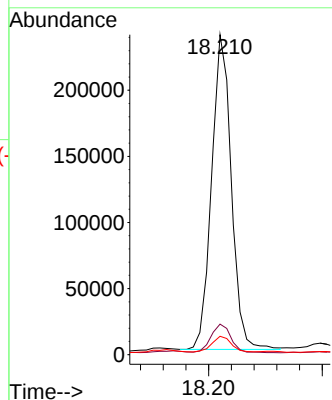
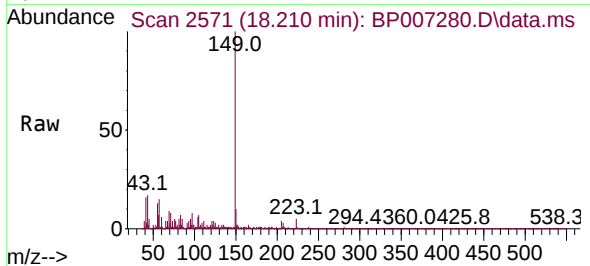




#74
Di-n-butylphthalate
Concen: 3.346 ng
RT: 18.210 min Scan# 2571
Delta R.T. -0.012 min
Lab File: BP007280.D
Acq: 30 Sep 2021 20:19

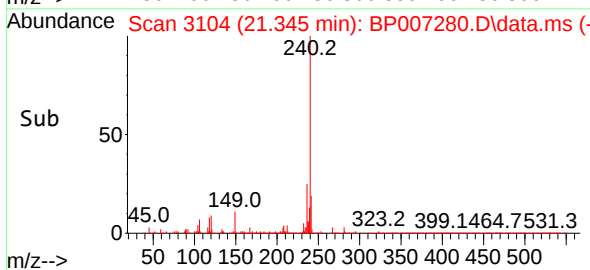
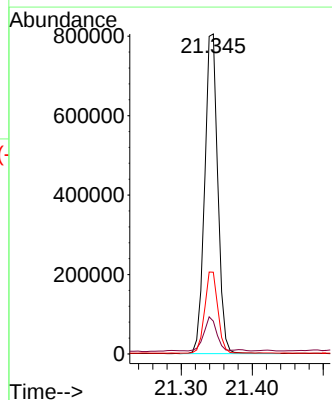
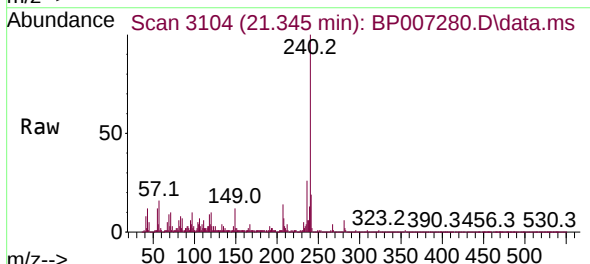
Instrument :
BNA_P
ClientSampleId :
GARAGE-WALL

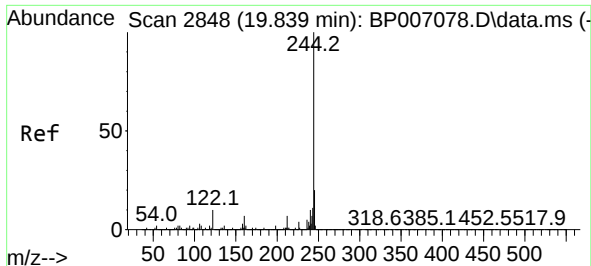
Tgt Ion:149 Resp: 286264
Ion Ratio Lower Upper
149 100
150 9.6 7.3 10.9
104 5.8 4.5 6.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BP007280.D
Acq: 30 Sep 2021 20:19

Tgt Ion:240 Resp: 1031977
Ion Ratio Lower Upper
240 100
120 10.2 6.5 9.7#
236 25.6 20.6 31.0

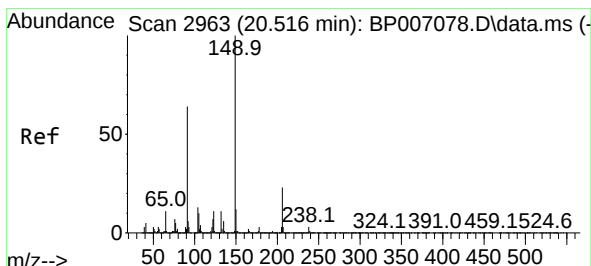
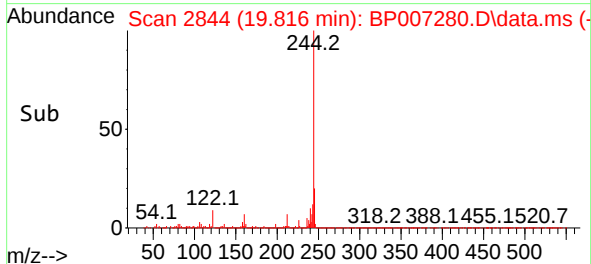
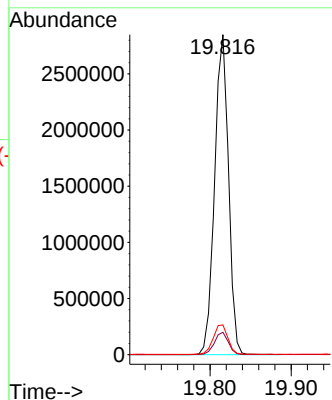
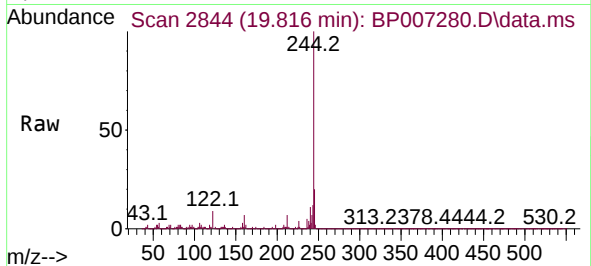




#79
 Terphenyl-d14
 Concen: 62.777 ng
 RT: 19.816 min Scan# 2844
 Delta R.T. -0.006 min
 Lab File: BP007280.D
 Acq: 30 Sep 2021 20:19

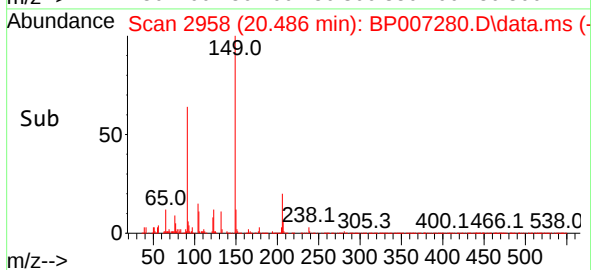
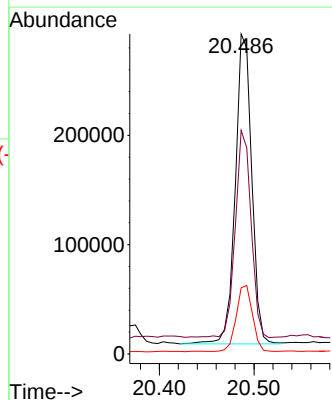
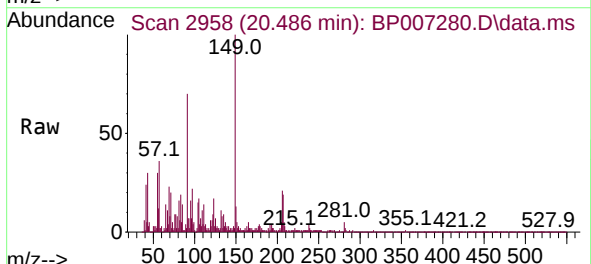
Instrument :
 BNA_P
 ClientSampleId :
 GARAGE-WALL

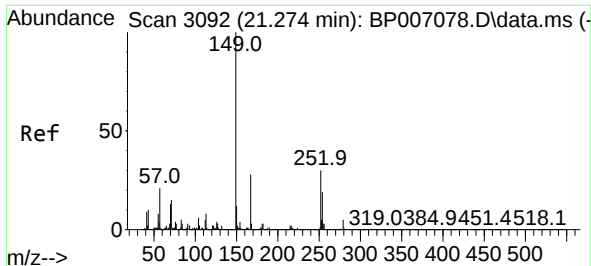
Tgt Ion:244 Resp: 3380771
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.3 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 12.548 ng
 RT: 20.486 min Scan# 2958
 Delta R.T. -0.012 min
 Lab File: BP007280.D
 Acq: 30 Sep 2021 20:19

Tgt Ion:149 Resp: 340229
 Ion Ratio Lower Upper
 149 100
 91 69.9 54.6 81.8
 206 20.6 16.7 25.1

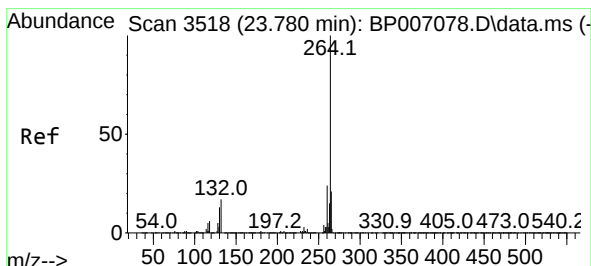
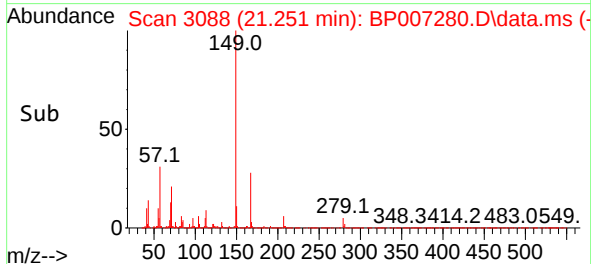
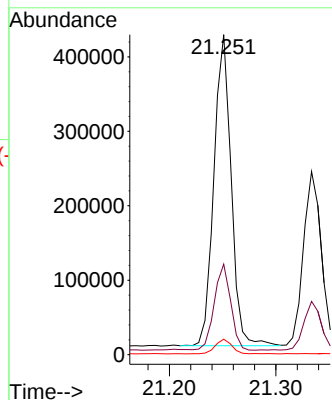
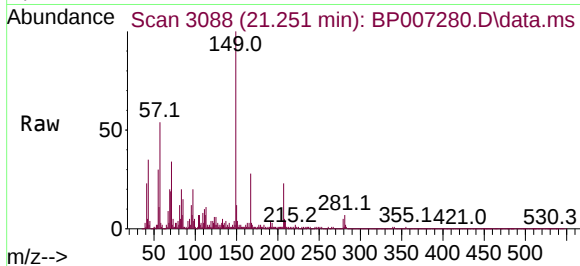




#84
Bis(2-ethylhexyl)phthalate
Concen: 12.025 ng
RT: 21.251 min Scan# 3088
Delta R.T. -0.006 min
Lab File: BP007280.D
Acq: 30 Sep 2021 20:19

Instrument :
BNA_P
ClientSampleId :
GARAGE-WALL

Tgt Ion:149 Resp: 468758
Ion Ratio Lower Upper
149 100
167 28.3 21.9 32.9
279 4.9 4.3 6.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.751 min Scan# 3513
Delta R.T. -0.012 min
Lab File: BP007280.D
Acq: 30 Sep 2021 20:19

Tgt Ion:264 Resp: 1036443
Ion Ratio Lower Upper
264 100
260 24.3 18.6 28.0
265 22.3 17.6 26.4

