

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093021\
 Data File : BP007282.D
 Acq On : 30 Sep 2021 21:27
 Operator : CG/JU
 Sample : M3984-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 1ST-FLOOR-FLOOR

Quant Time: Oct 01 05:04:31 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)

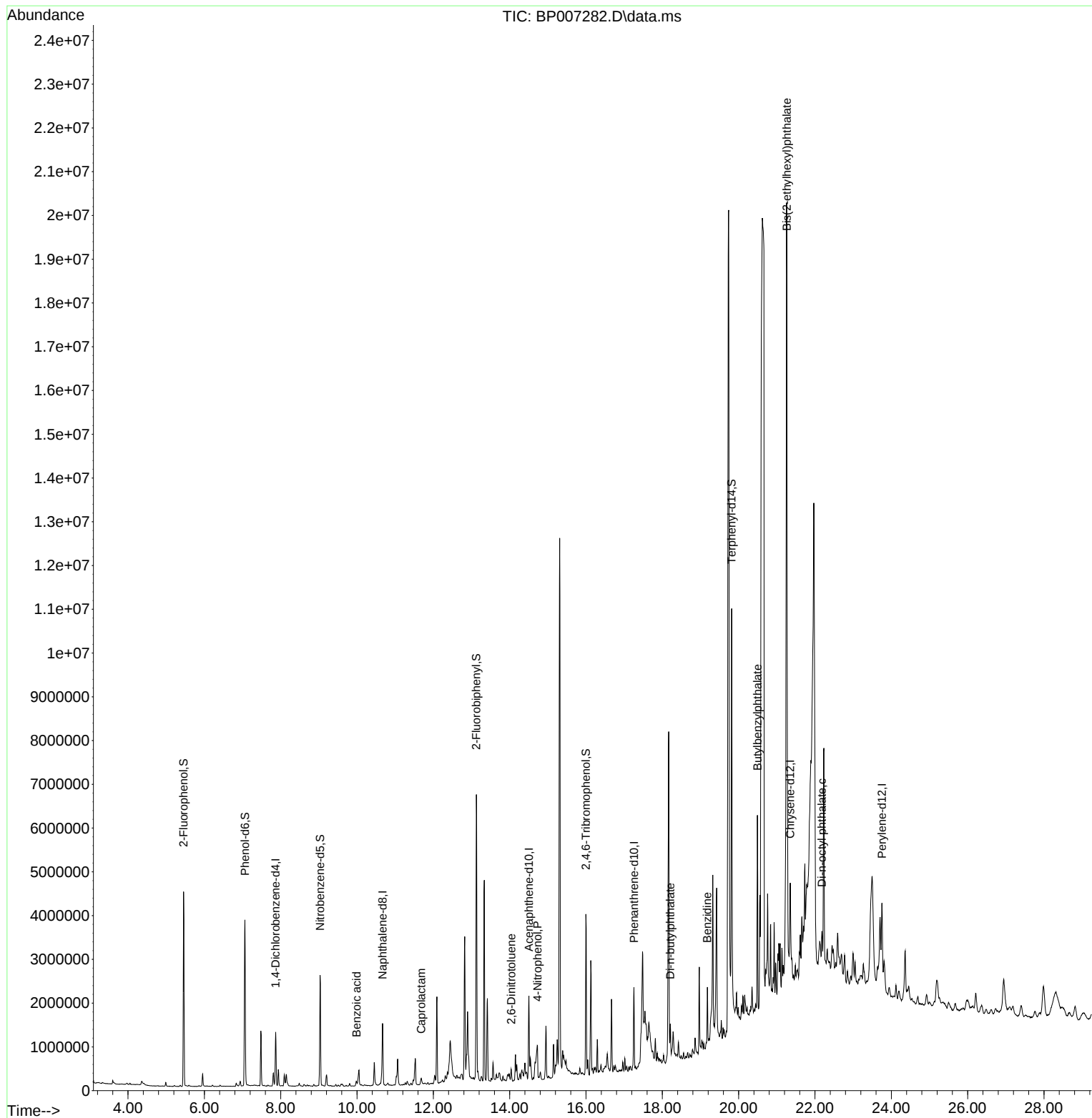
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	316706	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	1205611	20.000	ng	# 0.00
39) Acenaphthene-d10	14.504	164	672662	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	1126526	20.000	ng	0.00
76) Chrysene-d12	21.351	240	1069327	20.000	ng	# 0.00
86) Perylene-d12	23.757	264	1193061	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	2068102	109.309	ng	0.00
7) Phenol-d6	7.063	99	2481212	95.953	ng	0.01
23) Nitrobenzene-d5	9.034	82	1462880	70.663	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	826563	94.781	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	3484503	74.212	ng	0.00
79) Terphenyl-d14	19.816	244	3590969	64.351	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.987	122	31045	2.493	ng	96
35) Caprolactam	11.681	113	32352	5.563	ng	# 11
51) 2,6-Dinitrotoluene	14.040	165	39939	4.041	ng	# 31
56) 4-Nitrophenol	14.728	139	52422	6.043	ng	# 44
74) Di-n-butylphthalate	18.210	149	459481	7.160	ng	98
77) Benzidine	19.180	184	730932	22.242	ng	# 86
80) Butylbenzylphthalate	20.492	149	1424963	50.718	ng	93
84) Bis(2-ethylhexyl)phtha...	21.263	149	6043505	149.616	ng	# 91
85) Di-n-octyl phthalate	22.180	149	432914	6.295	ng	# 93

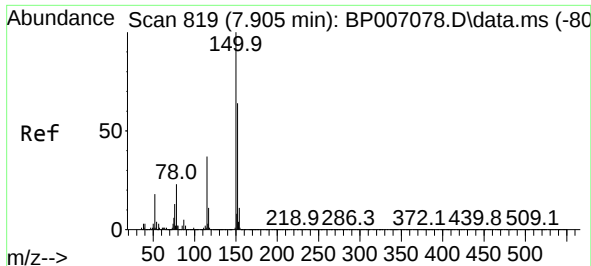
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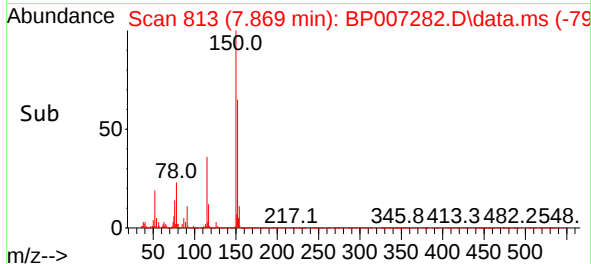
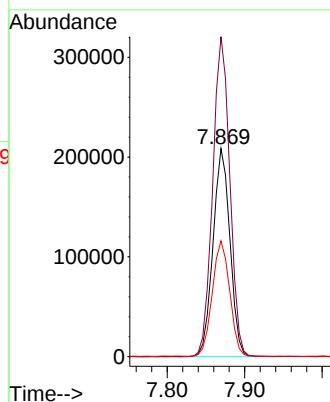
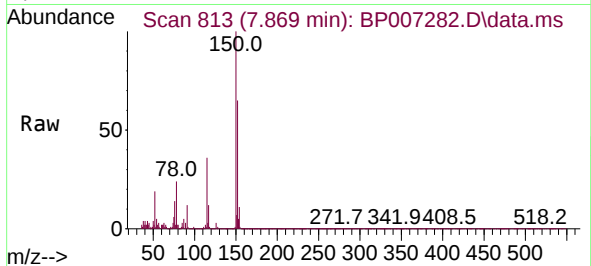




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP007282.D
Acq: 30 Sep 2021 21:27

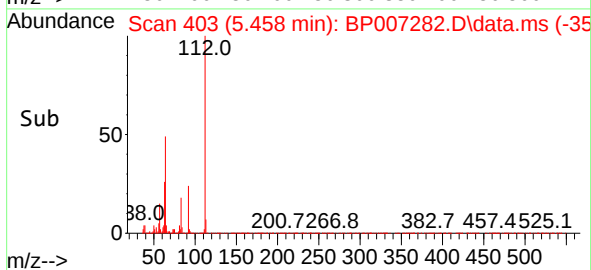
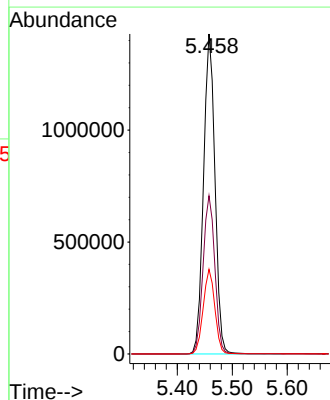
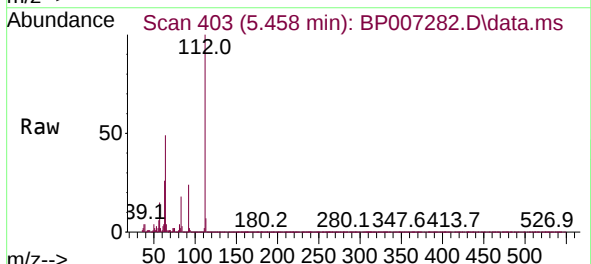
Instrument :
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1ST-FLOOR-FLOOR

Tgt Ion:152 Resp: 316706
Ion Ratio Lower Upper
152 100
150 153.7 125.6 188.4
115 55.6 48.5 72.7



#5
2-Fluorophenol
Concen: 109.309 ng
RT: 5.458 min Scan# 403
Delta R.T. 0.006 min
Lab File: BP007282.D
Acq: 30 Sep 2021 21:27

Tgt Ion:112 Resp: 2068102
Ion Ratio Lower Upper
112 100
64 49.5 41.4 62.2
63 26.4 23.8 35.8

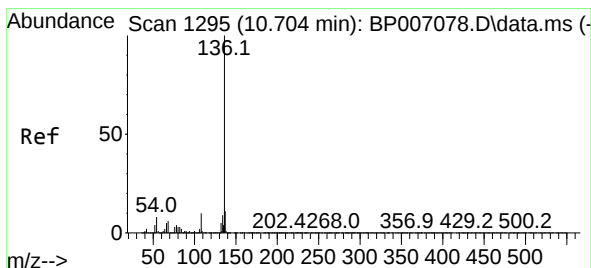
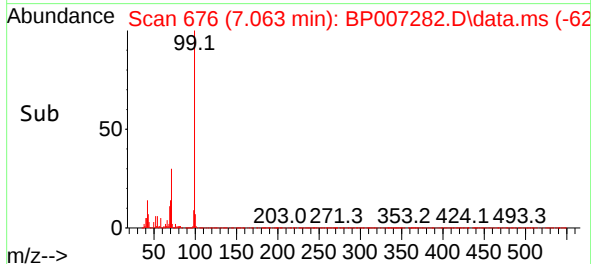
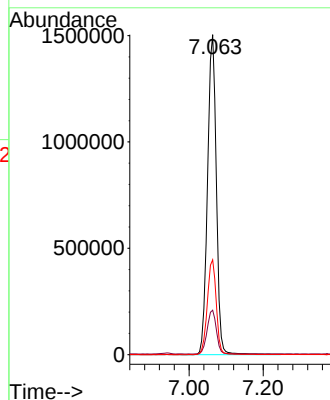
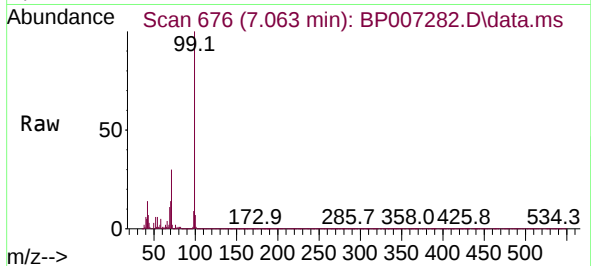




#7
Phenol-d6
Concen: 95.953 ng
RT: 7.063 min Scan# 676
Delta R.T. 0.012 min
Lab File: BP007282.D
Acq: 30 Sep 2021 21:27

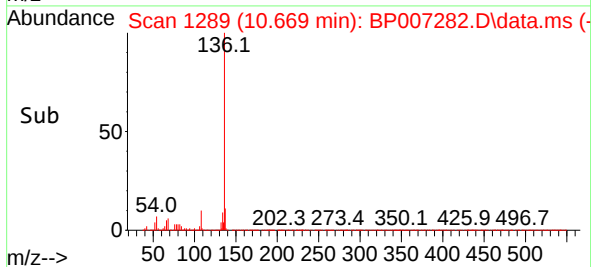
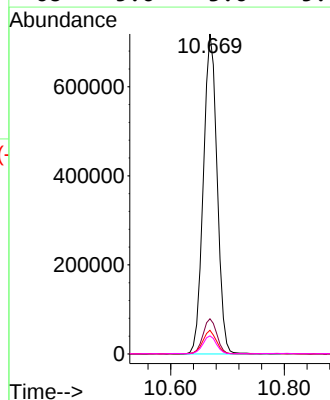
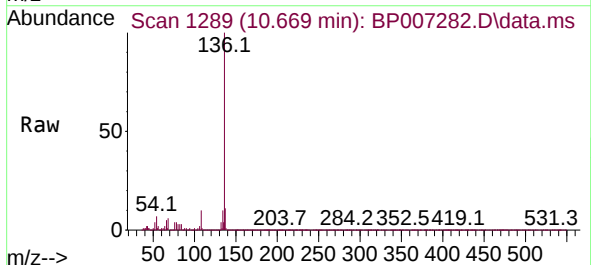
Instrument :
BNA_P
ClientSampleId :
1ST-FLOOR-FLOOR

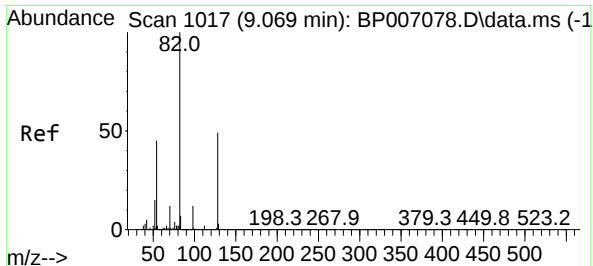
Tgt Ion: 99 Resp: 2481212
Ion Ratio Lower Upper
99 100
42 13.9 13.4 20.0
71 29.6 30.6 46.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP007282.D
Acq: 30 Sep 2021 21:27

Tgt Ion:136 Resp: 1205611
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.4 4.6 6.8#
68 5.6 3.6 5.4#

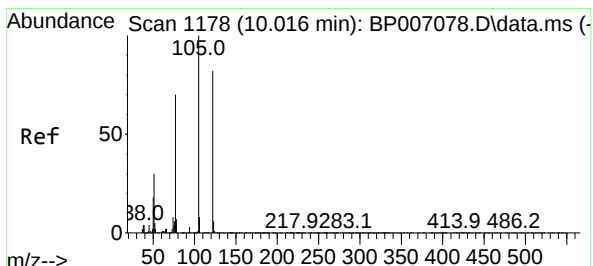
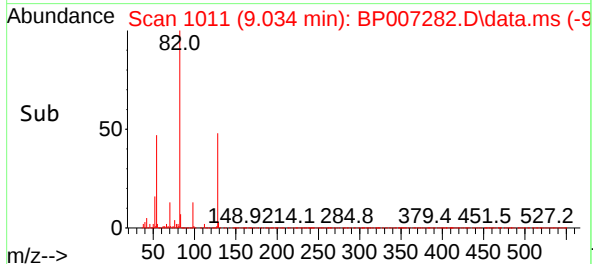
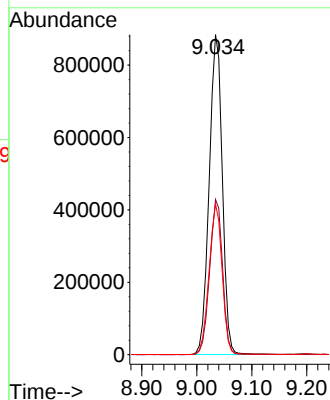
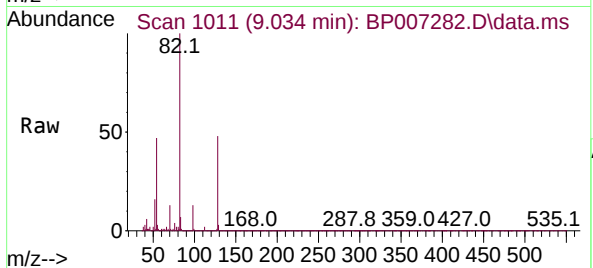




#23
Nitrobenzene-d5
Concen: 70.663 ng
RT: 9.034 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BP007282.D
Acq: 30 Sep 2021 21:27

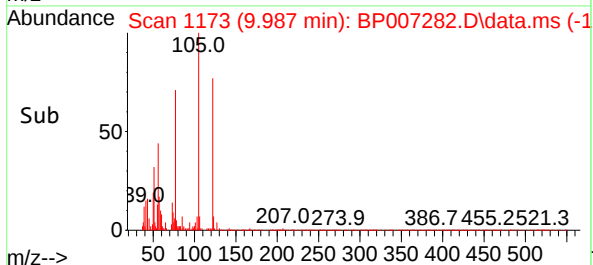
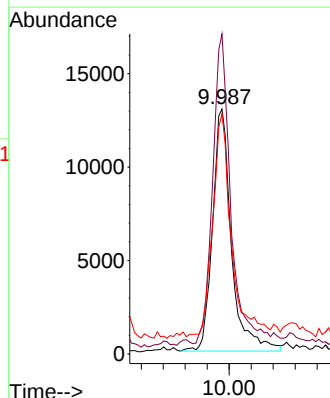
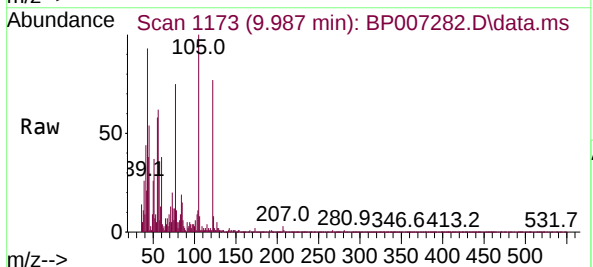
Instrument :
BNA_P
ClientSampleId :
1ST-FLOOR-FLOOR

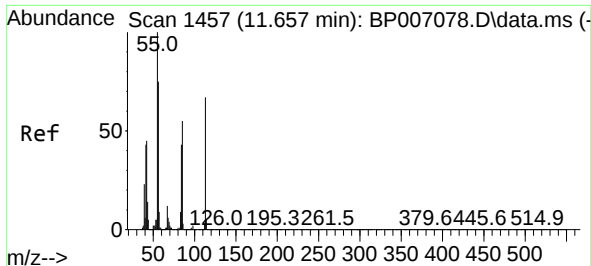
Tgt Ion: 82 Resp: 1462880
Ion Ratio Lower Upper
82 100
128 48.5 35.7 53.5
54 47.0 35.0 52.4



#32
Benzoic acid
Concen: 2.493 ng
RT: 9.987 min Scan# 1173
Delta R.T. -0.024 min
Lab File: BP007282.D
Acq: 30 Sep 2021 21:27

Tgt Ion:122 Resp: 31045
Ion Ratio Lower Upper
122 100
105 130.6 103.2 143.2
77 97.9 76.2 116.2

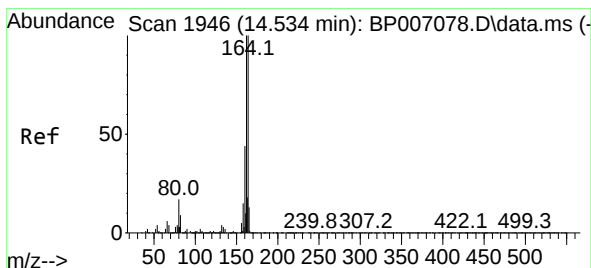
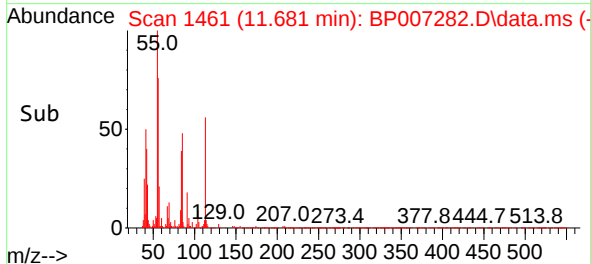
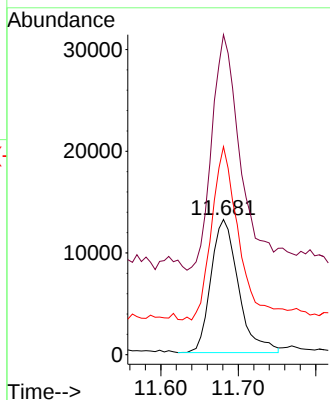
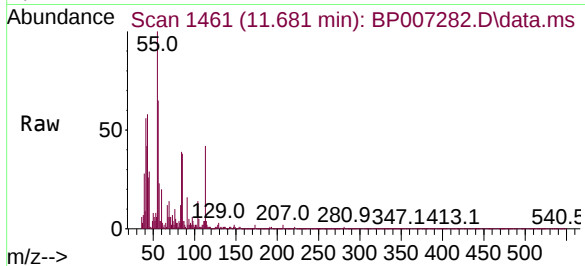




#35
Caprolactam
Concen: 5.563 ng
RT: 11.681 min Scan# 1461
Delta R.T. 0.035 min
Lab File: BP007282.D
Acq: 30 Sep 2021 21:27

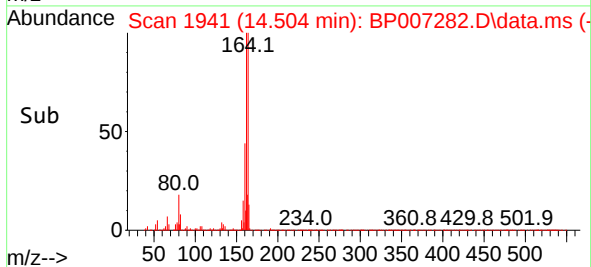
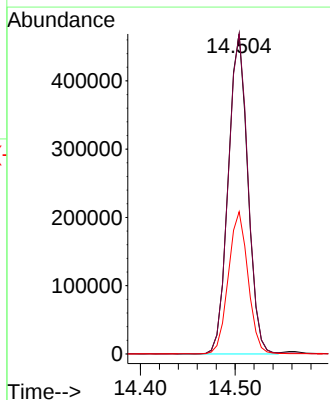
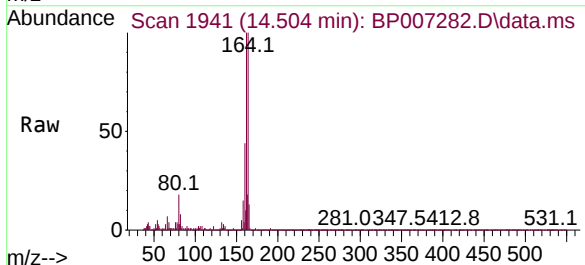
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ClientSampleId :
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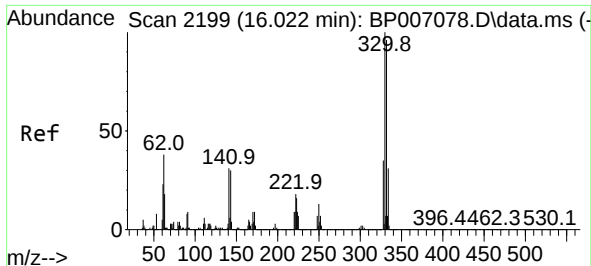
Tgt Ion:113 Resp: 32352
Ion Ratio Lower Upper
113 100
55 236.7 98.9 138.9#
56 153.9 71.7 111.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BP007282.D
Acq: 30 Sep 2021 21:27

Tgt Ion:164 Resp: 672662
Ion Ratio Lower Upper
164 100
162 100.0 80.2 120.2
160 44.5 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 94.781 ng

RT: 15.998 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BP007282.D

Acq: 30 Sep 2021 21:27

Instrument :

BNA_P

ClientSampleId :

1ST-FLOOR-FLOOR

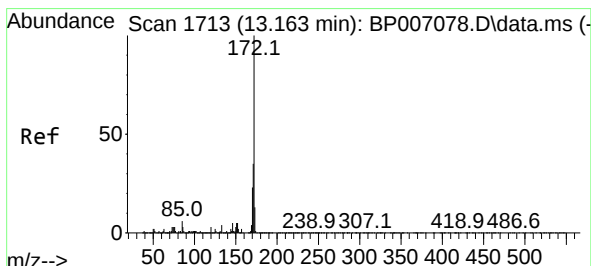
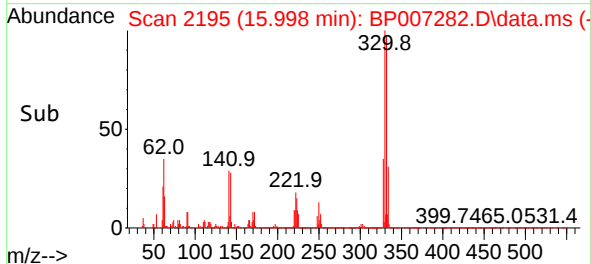
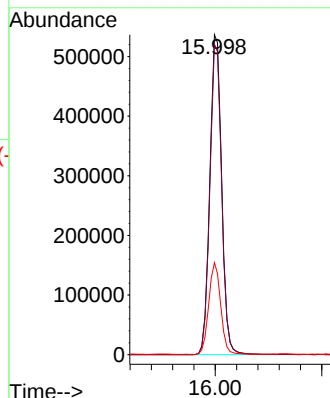
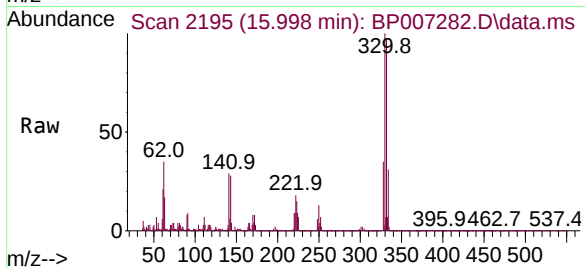
Tgt Ion:330 Resp: 826563

Ion Ratio Lower Upper

330 100

332 96.7 77.8 116.8

141 28.8 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 74.212 ng

RT: 13.128 min Scan# 1707

Delta R.T. -0.006 min

Lab File: BP007282.D

Acq: 30 Sep 2021 21:27

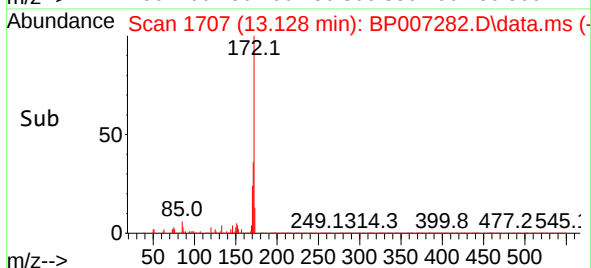
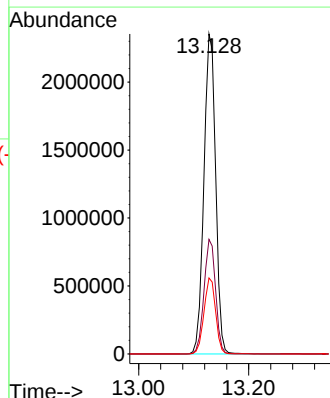
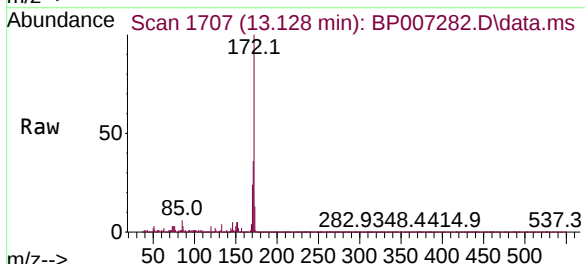
Tgt Ion:172 Resp: 3484503

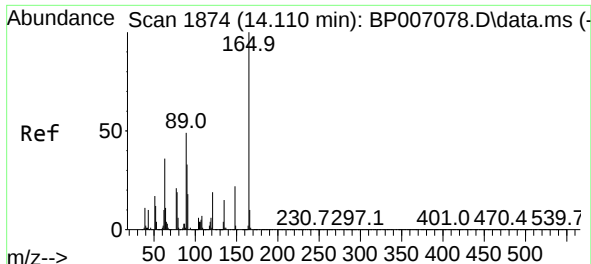
Ion Ratio Lower Upper

172 100

171 35.8 27.9 41.9

170 23.8 18.6 27.8

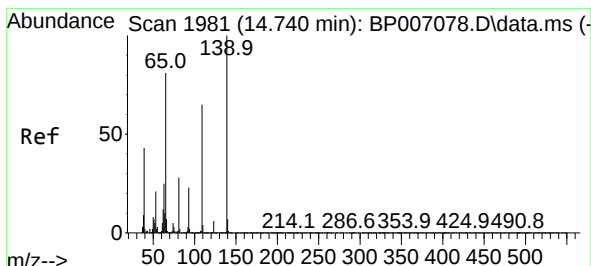
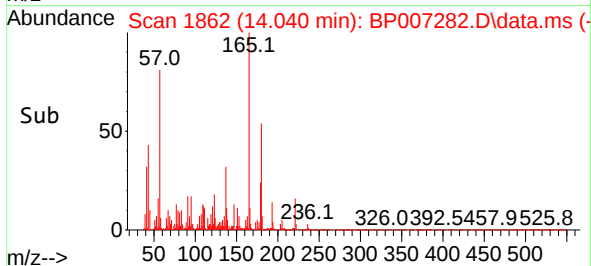
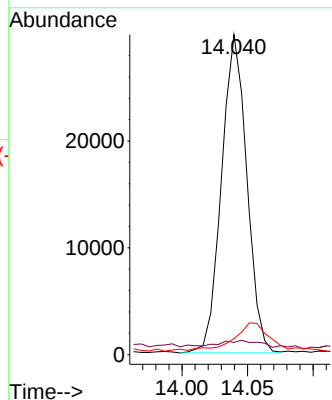
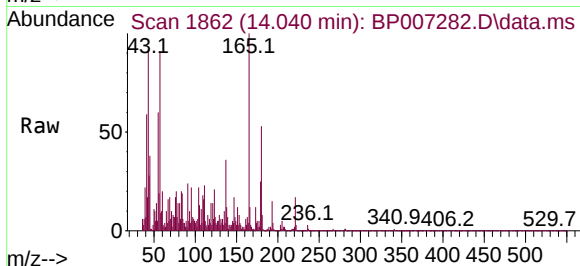




#51
2,6-Dinitrotoluene
Concen: 4.041 ng
RT: 14.040 min Scan# 1862
Delta R.T. -0.053 min
Lab File: BP007282.D
Acq: 30 Sep 2021 21:27

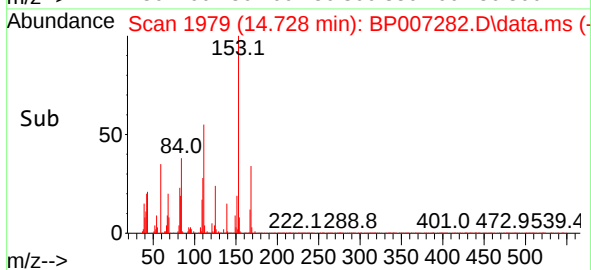
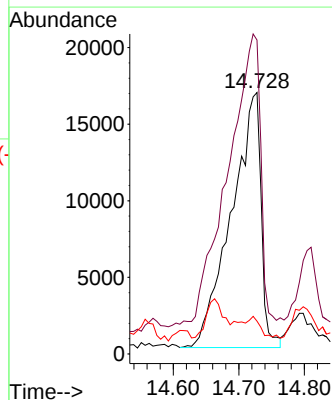
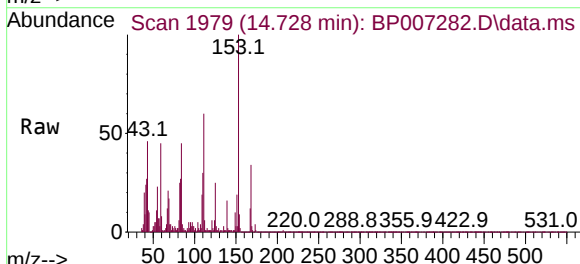
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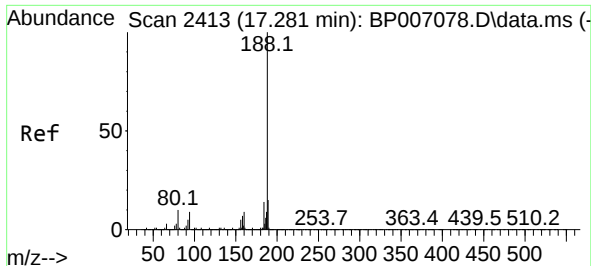
Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.9	41.3	61.9#
89	5.0	44.8	67.2#



#56
4-Nitrophenol
Concen: 6.043 ng
RT: 14.728 min Scan# 1979
Delta R.T. -0.012 min
Lab File: BP007282.D
Acq: 30 Sep 2021 21:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	120.1	72.3	112.3#
65	12.6	72.5	112.5#

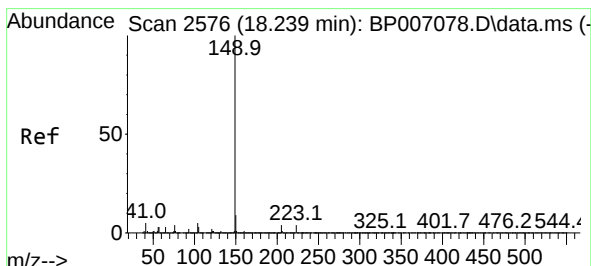
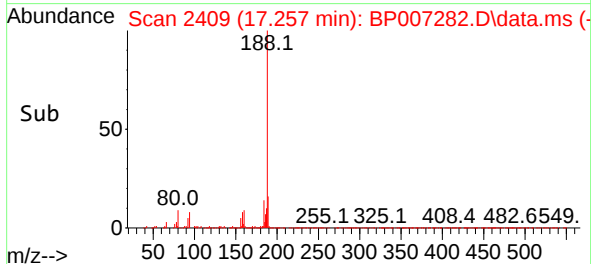
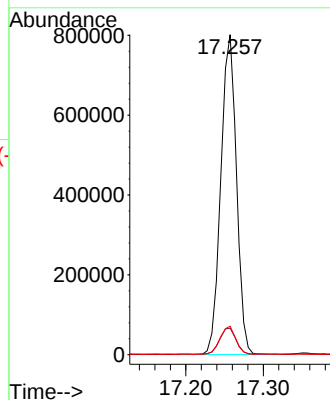
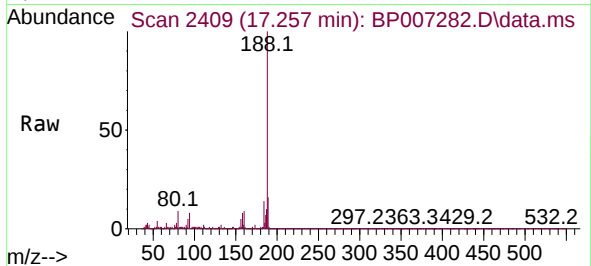




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP007282.D
Acq: 30 Sep 2021 21:27

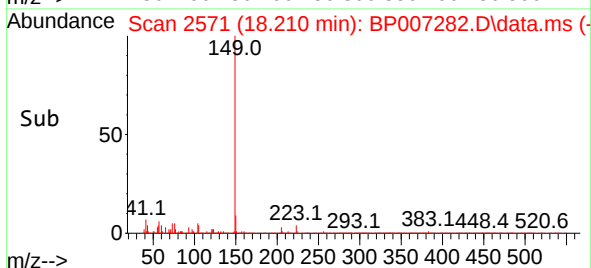
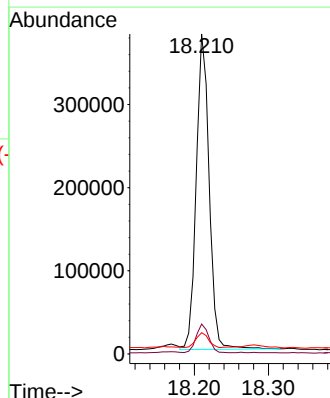
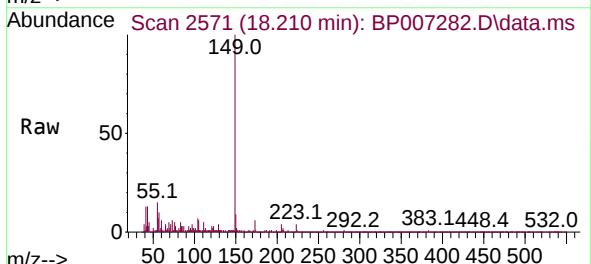
Instrument :
BNA_P
ClientSampleId :
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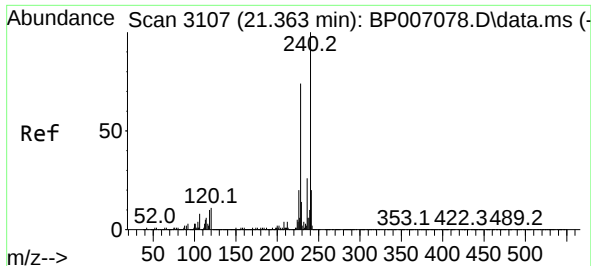
Tgt Ion:188 Resp: 1126526
Ion Ratio Lower Upper
188 100
94 8.3 5.6 8.4
80 8.9 6.3 9.5



#74
Di-n-butylphthalate
Concen: 7.160 ng
RT: 18.210 min Scan# 2571
Delta R.T. -0.012 min
Lab File: BP007282.D
Acq: 30 Sep 2021 21:27

Tgt Ion:149 Resp: 459481
Ion Ratio Lower Upper
149 100
150 9.4 7.3 10.9
104 6.6 4.5 6.7

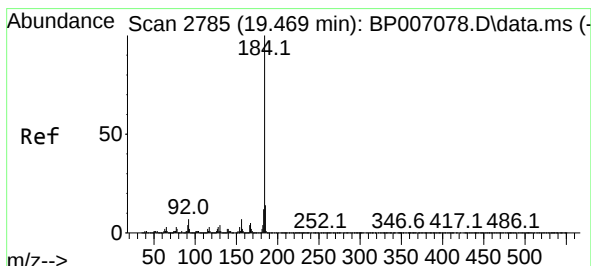
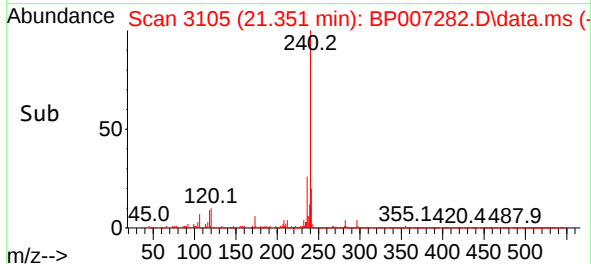
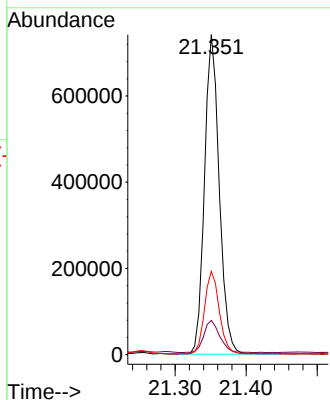
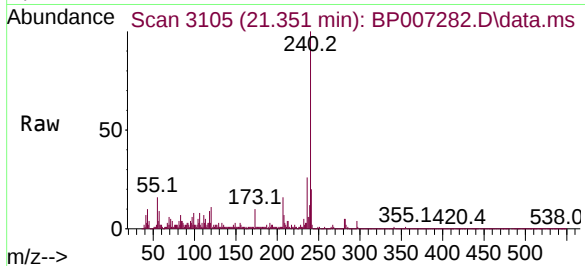




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.000 min
Lab File: BP007282.D
Acq: 30 Sep 2021 21:27

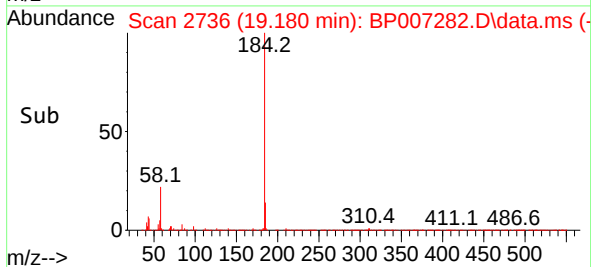
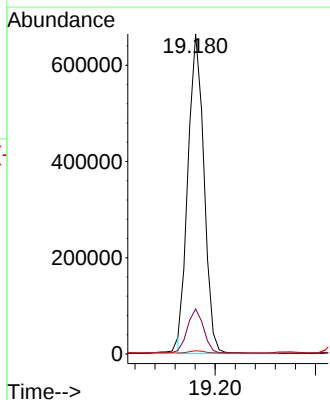
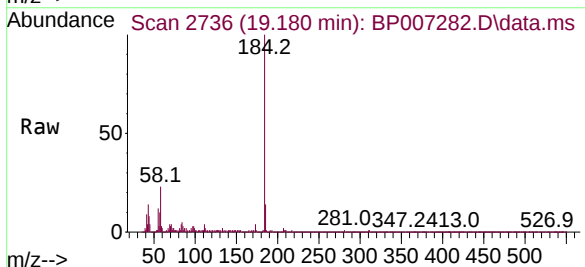
Instrument :
BNA_P
ClientSampleId :
1ST-FLOOR-FLOOR

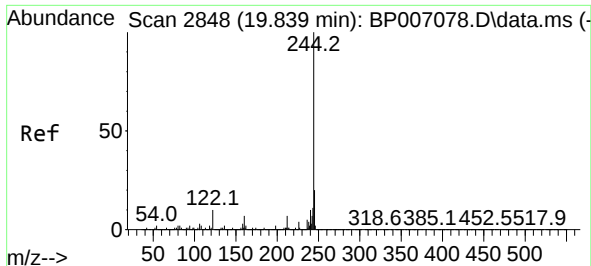
Tgt Ion:240 Resp: 1069327
Ion Ratio Lower Upper
240 100
120 10.7 6.5 9.7#
236 26.1 20.6 31.0



#77
Benzidine
Concen: 22.242 ng
RT: 19.180 min Scan# 2736
Delta R.T. -0.271 min
Lab File: BP007282.D
Acq: 30 Sep 2021 21:27

Tgt Ion:184 Resp: 730932
Ion Ratio Lower Upper
184 100
185 14.1 11.0 16.4
183 1.0 9.5 14.3#

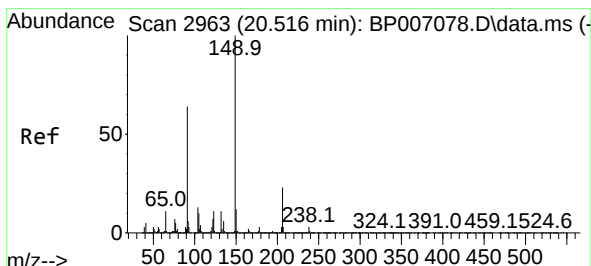
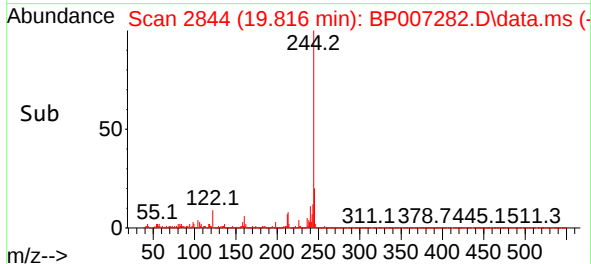
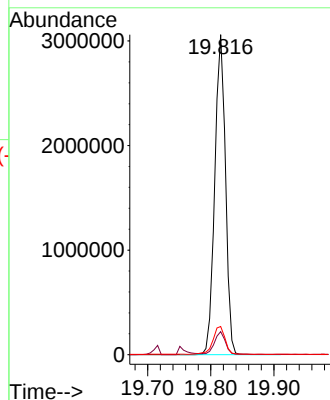
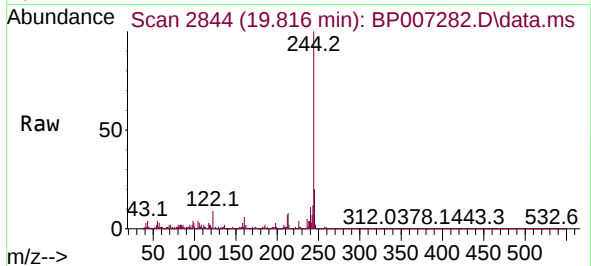




#79
 Terphenyl-d14
 Concen: 64.351 ng
 RT: 19.816 min Scan# 2844
 Delta R.T. -0.006 min
 Lab File: BP007282.D
 Acq: 30 Sep 2021 21:27

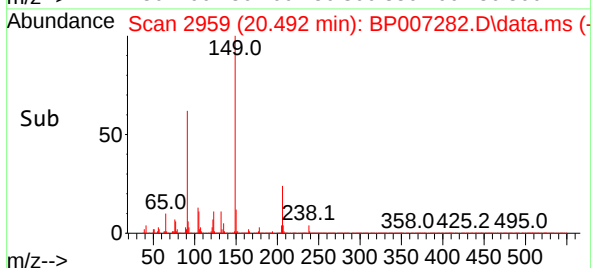
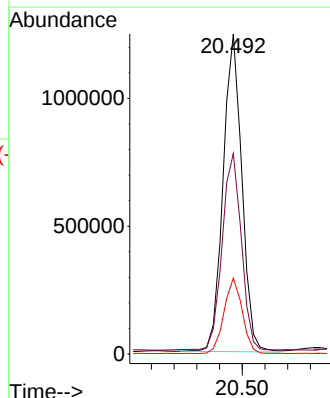
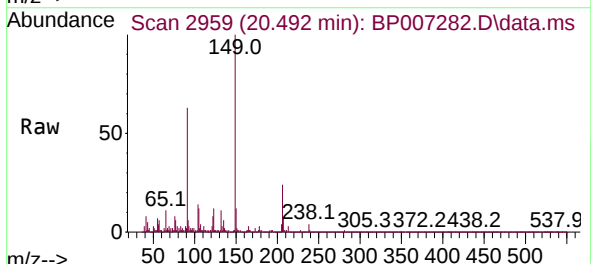
Instrument :
 BNA_P
 ClientSampleId :
 1ST-FLOOR-FLOOR

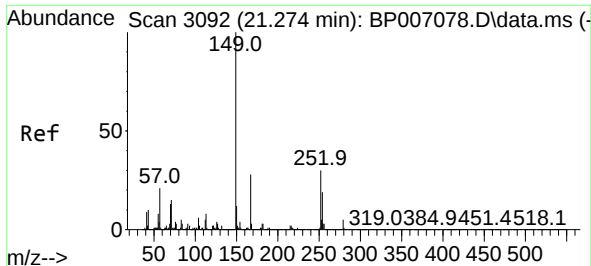
Tgt Ion:244 Resp: 3590969
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 8.8 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 50.718 ng
 RT: 20.492 min Scan# 2959
 Delta R.T. -0.006 min
 Lab File: BP007282.D
 Acq: 30 Sep 2021 21:27

Tgt Ion:149 Resp: 1424963
 Ion Ratio Lower Upper
 149 100
 91 62.7 54.6 81.8
 206 23.7 16.7 25.1

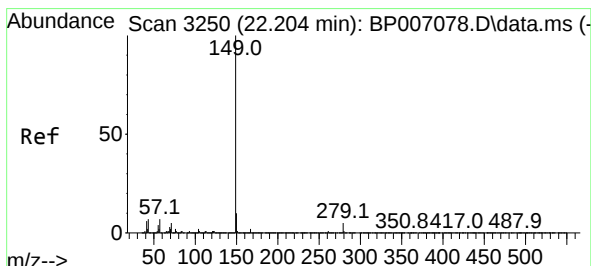
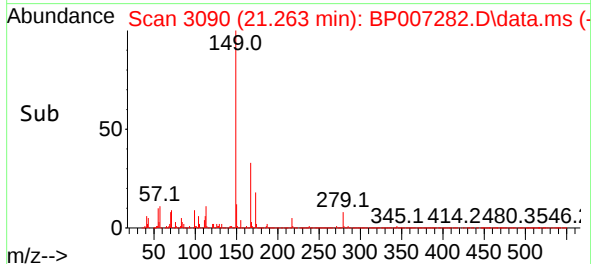
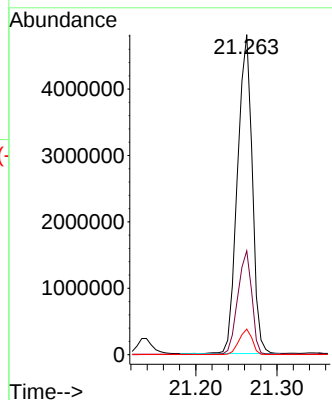
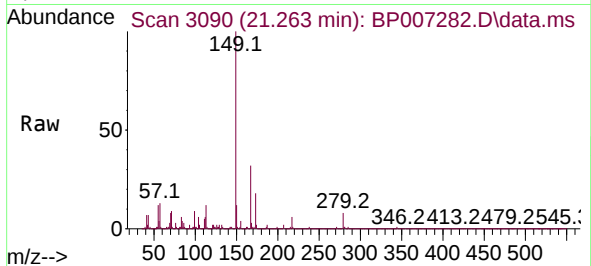




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 149.616 ng
 RT: 21.263 min Scan# 3090
 Delta R.T. 0.006 min
 Lab File: BP007282.D
 Acq: 30 Sep 2021 21:27

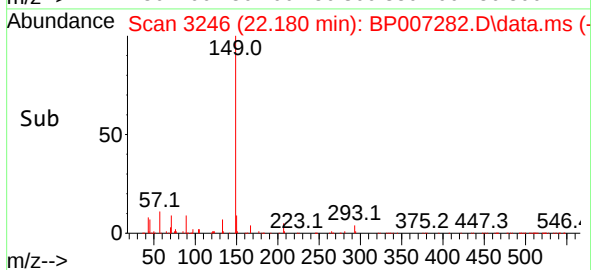
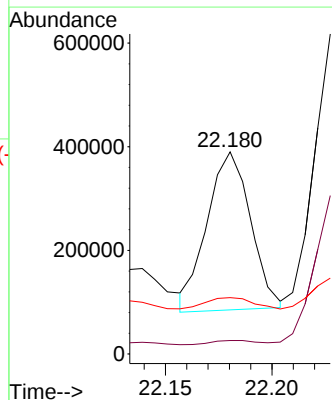
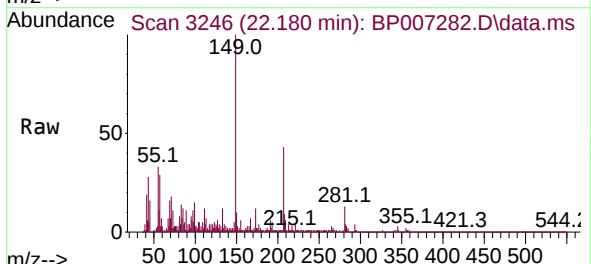
Instrument :
 BNA_P
 ClientSampleId :
 1ST-FLOOR-FLOOR

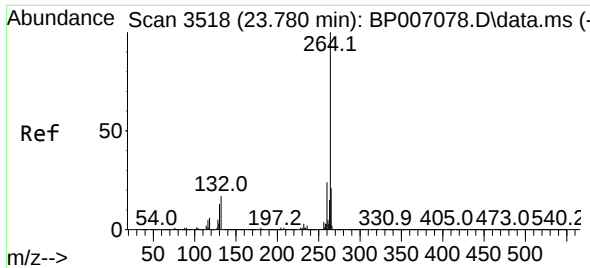
Tgt Ion:149 Resp: 6043505
 Ion Ratio Lower Upper
 149 100
 167 32.5 21.9 32.9
 279 8.0 4.3 6.5#



#85
 Di-n-octyl phthalate
 Concen: 6.295 ng
 RT: 22.180 min Scan# 3246
 Delta R.T. -0.000 min
 Lab File: BP007282.D
 Acq: 30 Sep 2021 21:27

Tgt Ion:149 Resp: 432914
 Ion Ratio Lower Upper
 149 100
 167 5.0 1.4 2.0#
 43 9.1 5.6 8.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.757 min Scan# 3514
Delta R.T. -0.006 min
Lab File: BP007282.D
Acq: 30 Sep 2021 21:27

Instrument :
BNA_P
ClientSampleId :
1ST-FLOOR-FLOOR

Tgt Ion:264 Resp: 1193061

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	28.0
265	22.7	17.6	26.4

