

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
 Data File : BP010604.D
 Acq On : 28 May 2022 17:25
 Operator : CG/JU
 Sample : N2934-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P025-SS001-1218-01

Quant Time: May 28 23:37:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 28 02:18:04 2022
 Response via : Initial Calibration

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

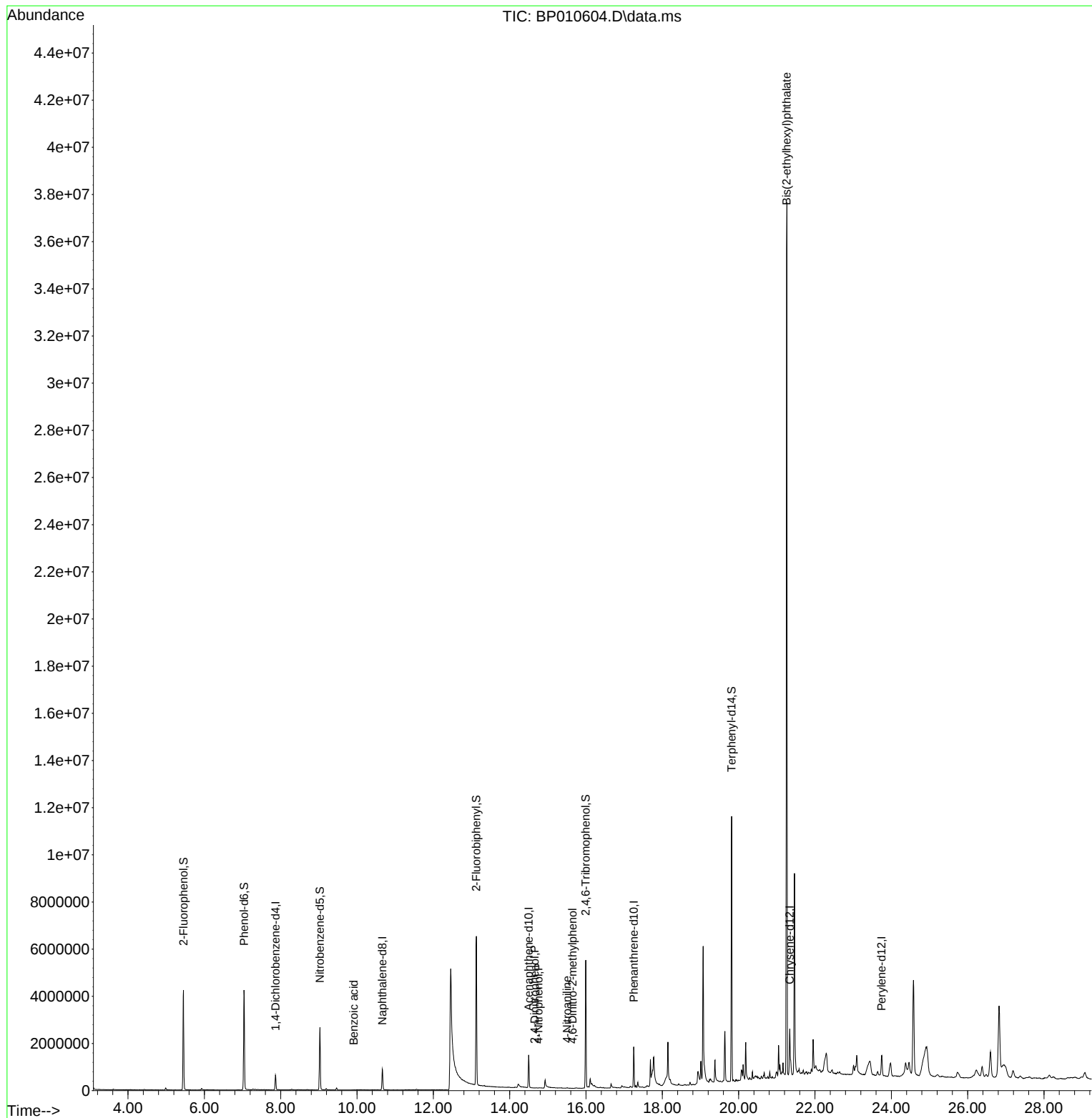
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	159939	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	685309	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	450355	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	991497	20.000	ng	0.00
76) Chrysene-d12	21.339	240	820810	20.000	ng	0.00
86) Perylene-d12	23.745	264	683884	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	1586948	181.012	ng	0.00
7) Phenol-d6	7.040	99	2191499	176.077	ng	0.00
23) Nitrobenzene-d5	9.028	82	1472351	101.575	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	941649	184.716	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	3107954	97.944	ng	0.00
79) Terphenyl-d14	19.816	244	5213336	119.300	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.916	122	1327	7.504	ng	# 79
54) 2,4-Dinitrophenol	14.651	184	46	6.656	ng	# 1
56) 4-Nitrophenol	14.757	139	200	3.631	ng	94
62) 4-Nitroaniline	15.504	138	118	2.149	ng	88
65) 4,6-Dinitro-2-methylph...	15.645	198	5	4.603	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.257	149	12437519	391.654	ng	# 83

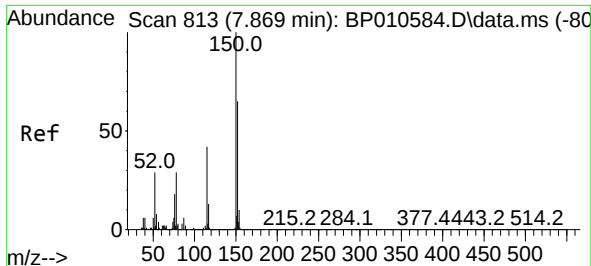
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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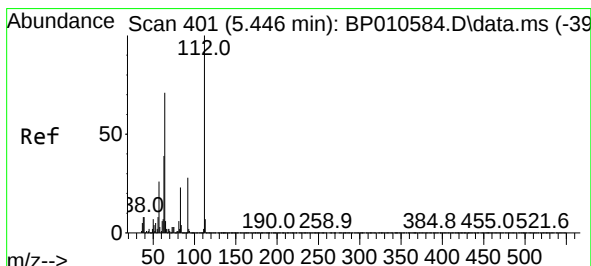
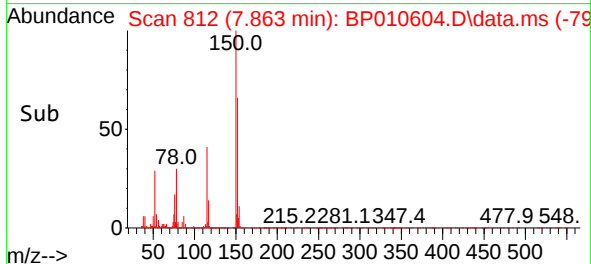
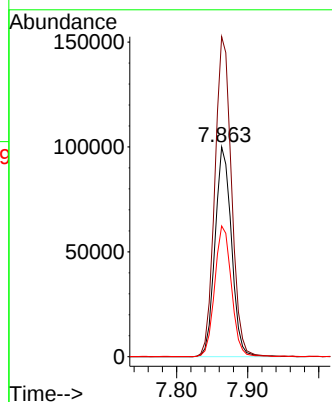
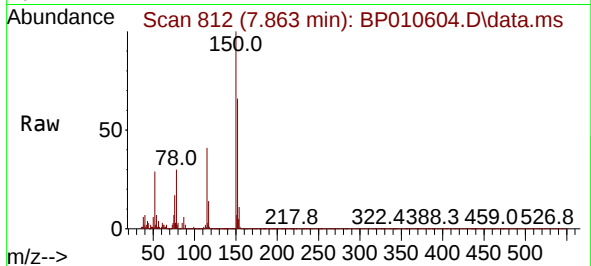




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP010604.D
Acq: 28 May 2022 17:25

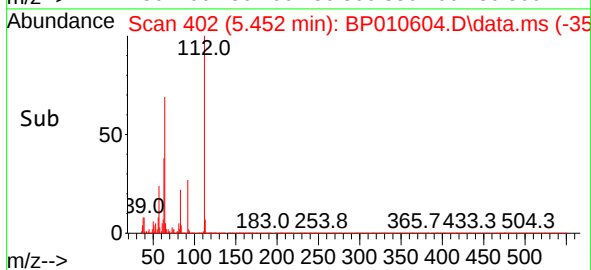
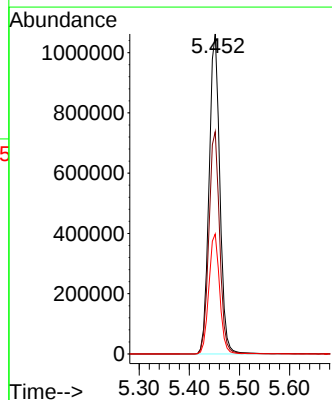
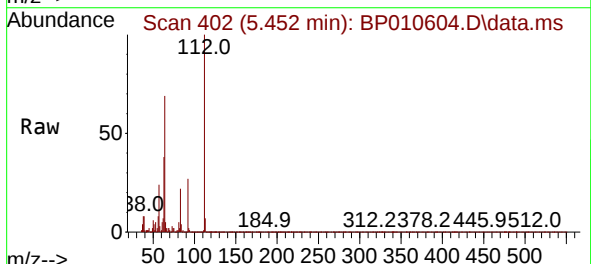
Instrument :
BNA_P
ClientSampleId :
P025-SS001-1218-01

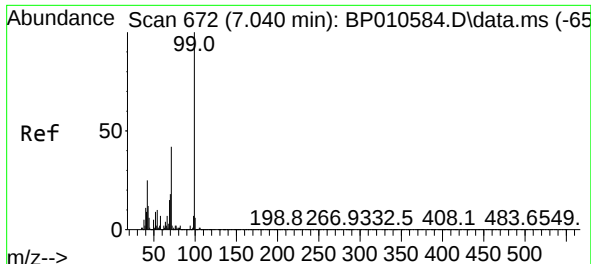
Tgt Ion:152 Resp: 159939
Ion Ratio Lower Upper
152 100
150 152.5 123.4 185.2
115 62.3 51.3 76.9



#5
2-Fluorophenol
Concen: 181.012 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP010604.D
Acq: 28 May 2022 17:25

Tgt Ion:112 Resp: 1586948
Ion Ratio Lower Upper
112 100
64 69.5 56.9 85.3
63 37.5 31.2 46.8



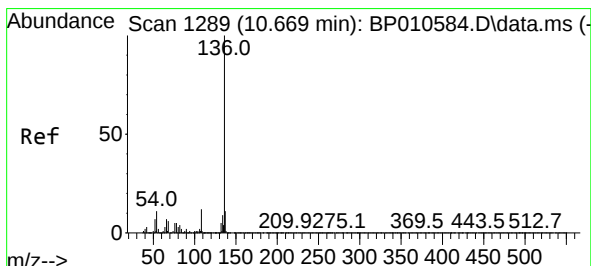
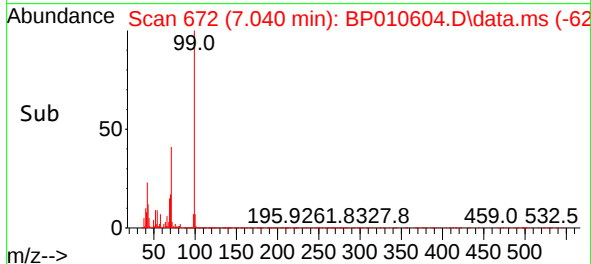
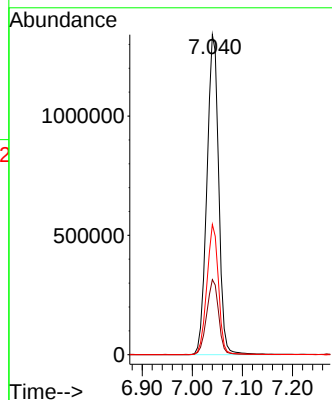
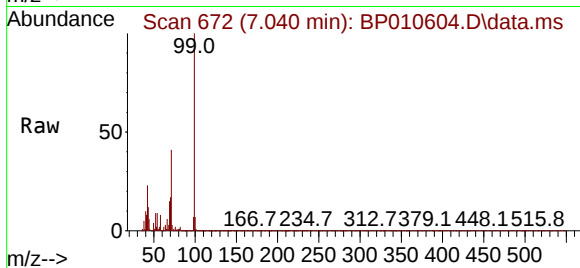


#7
Phenol-d6
Concen: 176.077 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP010604.D
Acq: 28 May 2022 17:25

Instrument :
BNA_P
ClientSampleId :
P025-SS001-1218-01

Tgt Ion: 99 Resp: 2191499

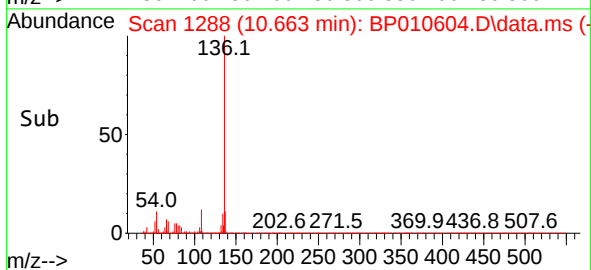
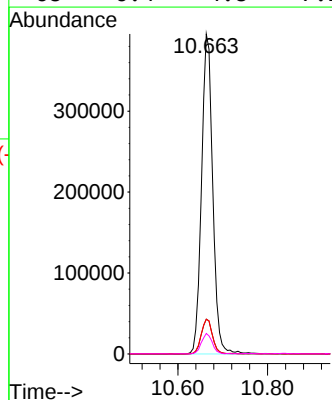
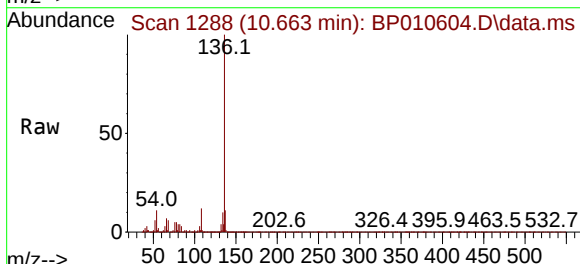
Ion	Ratio	Lower	Upper
99	100		
42	23.5	20.3	30.5
71	40.7	33.9	50.9

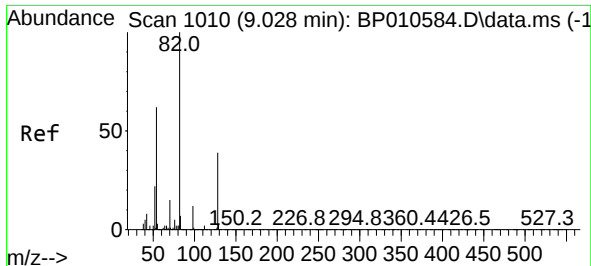


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BP010604.D
Acq: 28 May 2022 17:25

Tgt Ion:136 Resp: 685309

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	10.8	8.7	13.1
68	6.4	4.8	7.2





#23

Nitrobenzene-d5

Concen: 101.575 ng

RT: 9.028 min Scan# 1101

Delta R.T. 0.000 min

Lab File: BP010604.D

Acq: 28 May 2022 17:25

Instrument :

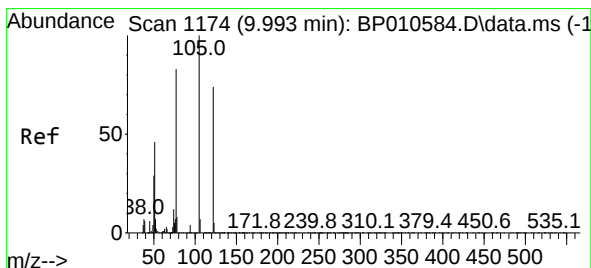
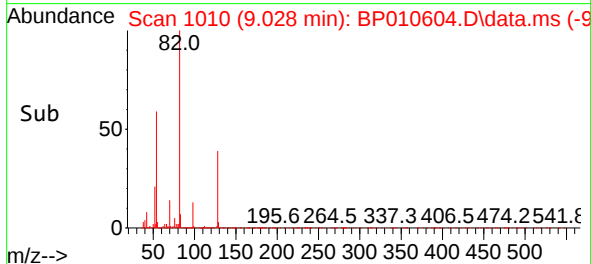
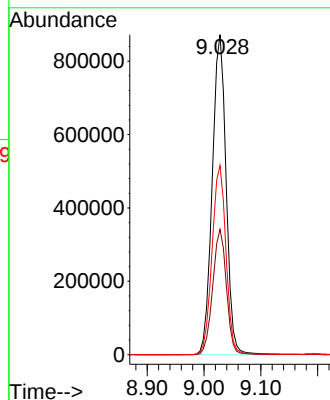
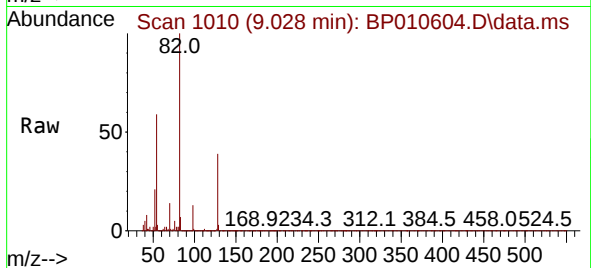
BNA_P

ClientSampleId :

P025-SS001-1218-01

Tgt Ion: 82 Resp: 1472351

Ion	Ratio	Lower	Upper
82	100		
128	39.2	31.3	46.9
54	59.1	49.8	74.8



#32

Benzoic acid

Concen: 7.504 ng

RT: 9.916 min Scan# 1161

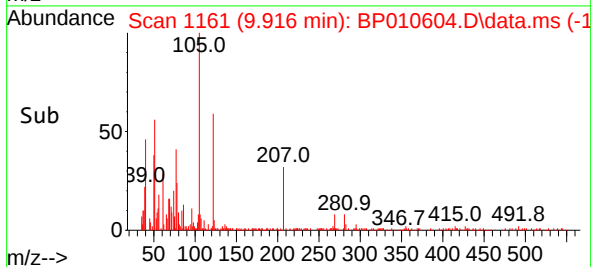
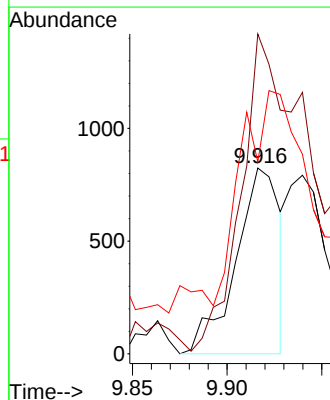
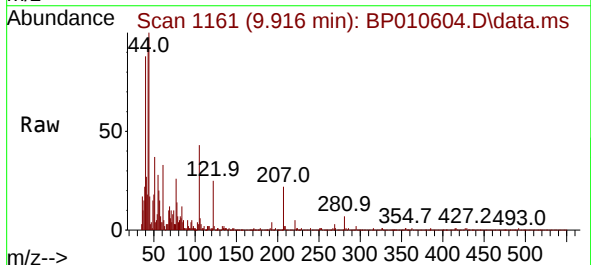
Delta R.T. -0.077 min

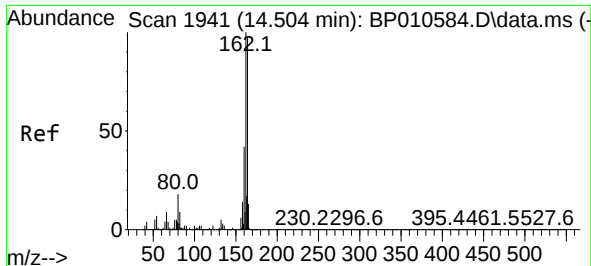
Lab File: BP010604.D

Acq: 28 May 2022 17:25

Tgt Ion: 122 Resp: 1327

Ion	Ratio	Lower	Upper
122	100		
105	172.2	112.6	152.6#
77	103.3	90.2	130.2

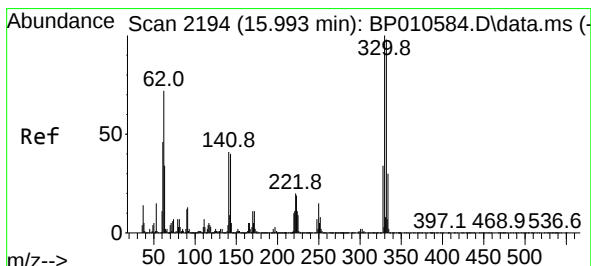
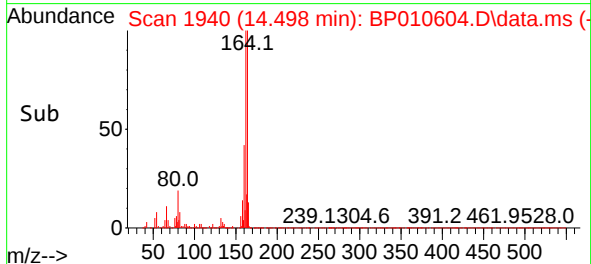
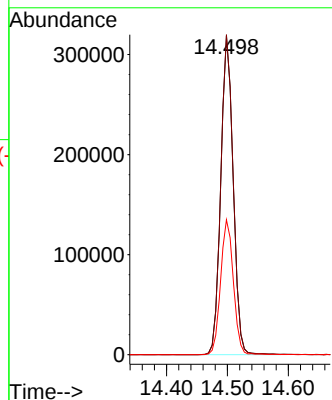
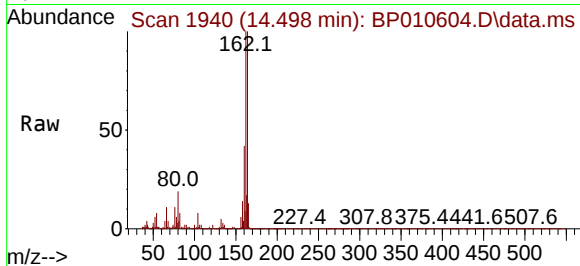




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP010604.D
Acq: 28 May 2022 17:25

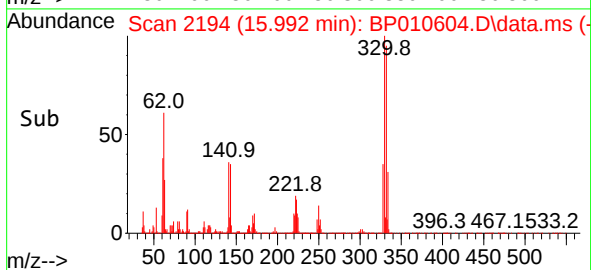
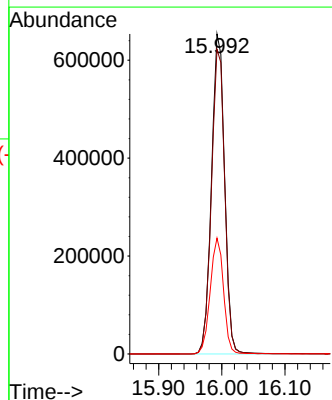
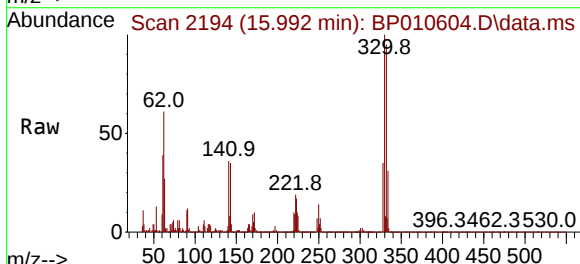
Instrument :
BNA_P
ClientSampleId :
P025-SS001-1218-01

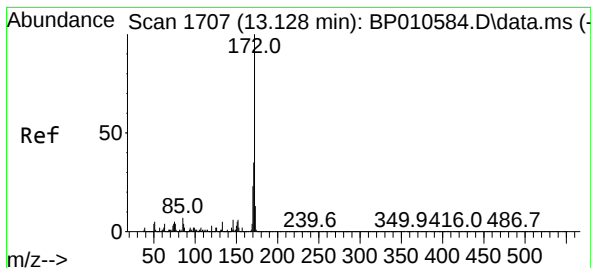
Tgt Ion:164 Resp: 450355
Ion Ratio Lower Upper
164 100
162 100.4 81.9 122.9
160 42.3 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 184.716 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.001 min
Lab File: BP010604.D
Acq: 28 May 2022 17:25

Tgt Ion:330 Resp: 941649
Ion Ratio Lower Upper
330 100
332 96.2 78.1 117.1
141 36.7 31.4 47.2

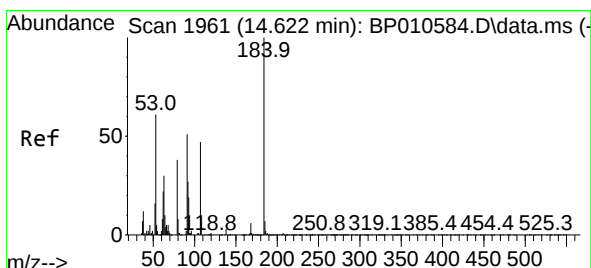
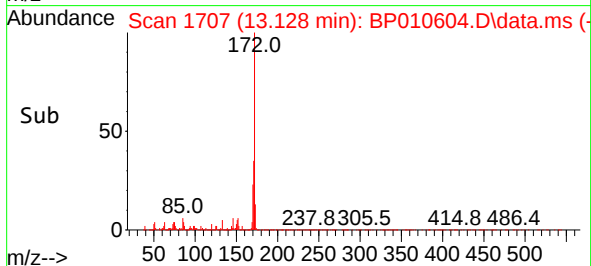
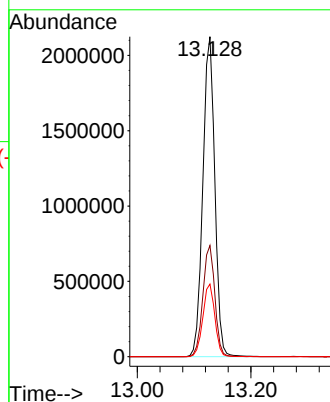
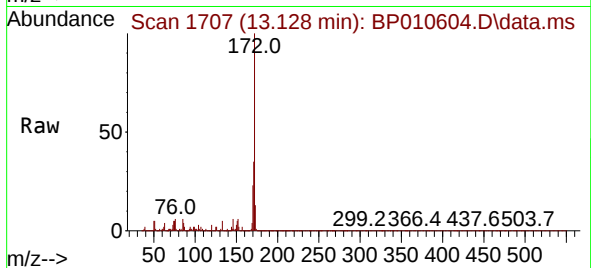




#45
2-Fluorobiphenyl
Concen: 97.944 ng
RT: 13.128 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BP010604.D
Acq: 28 May 2022 17:25

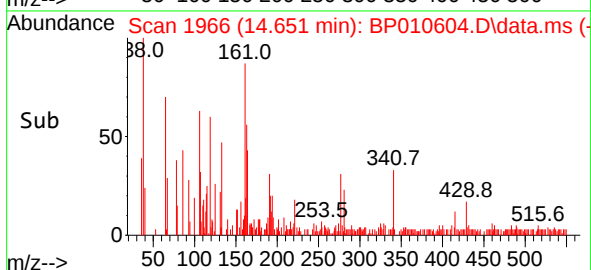
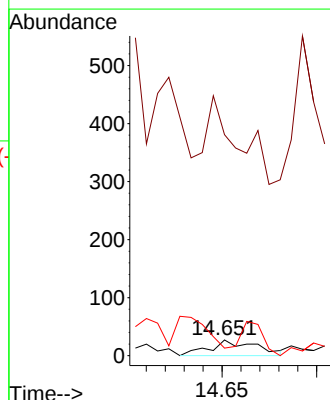
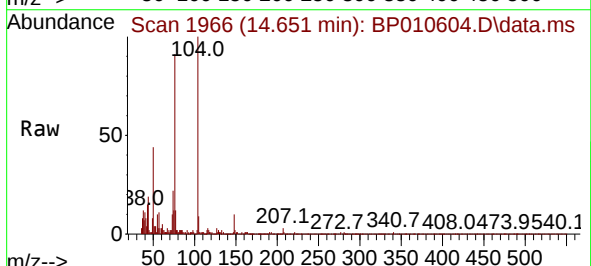
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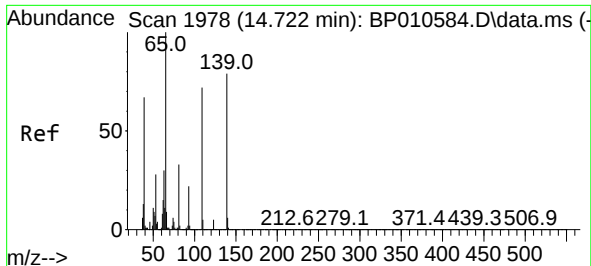
Tgt Ion:172 Resp: 3107954
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 22.7 18.2 27.2



#54
2,4-Dinitrophenol
Concen: 6.656 ng
RT: 14.651 min Scan# 1966
Delta R.T. 0.029 min
Lab File: BP010604.D
Acq: 28 May 2022 17:25

Tgt Ion:184 Resp: 46
Ion Ratio Lower Upper
184 100
63 1411.1 65.4 98.2#
154 48.1 55.4 83.2#

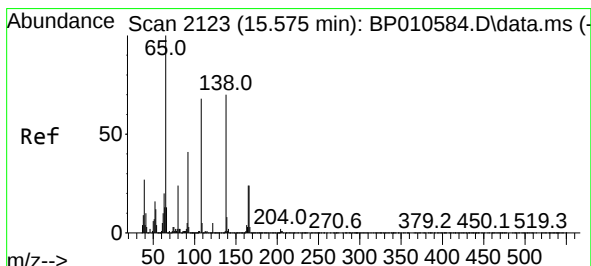
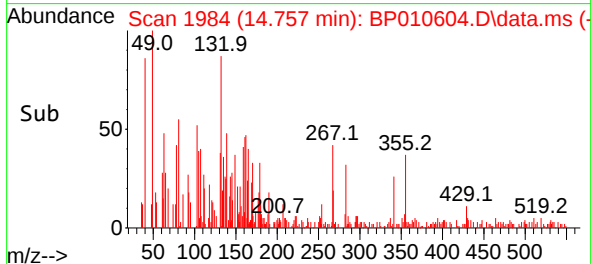
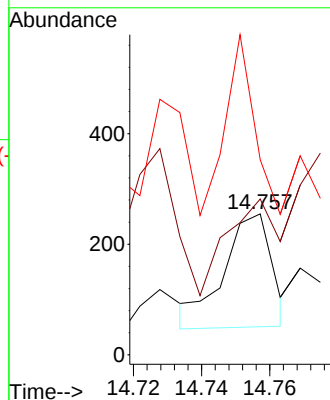
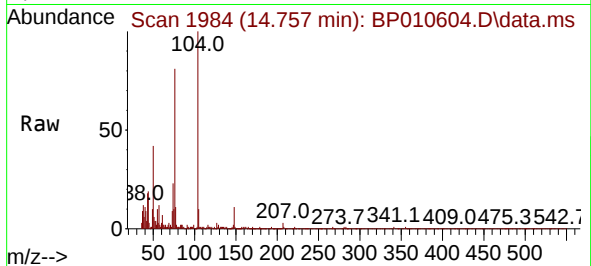




#56
4-Nitrophenol
Concen: 3.631 ng
RT: 14.757 min Scan# 1978
Delta R.T. 0.035 min
Lab File: BP010604.D
Acq: 28 May 2022 17:25

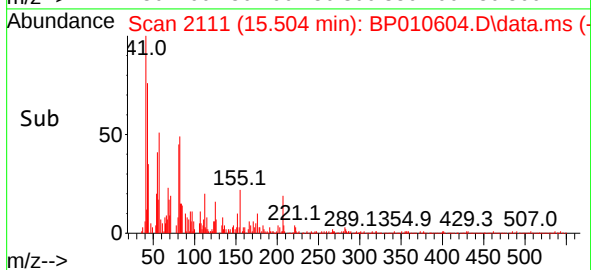
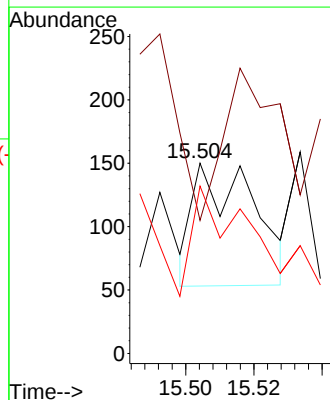
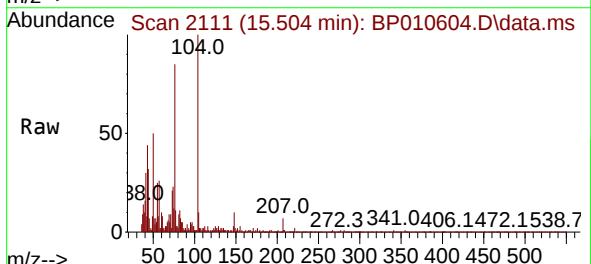
Instrument :
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P025-SS001-1218-01

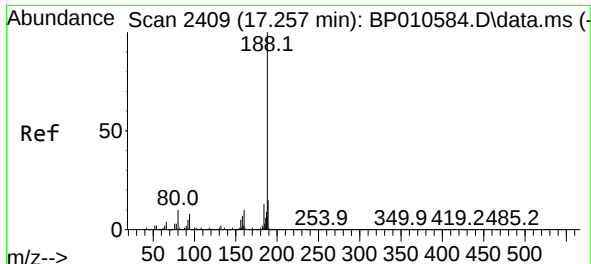
Tgt Ion:139 Resp: 200
Ion Ratio Lower Upper
139 100
109 102.5 70.6 110.6
65 128.4 106.6 146.6



#62
4-Nitroaniline
Concen: 2.149 ng
RT: 15.504 min Scan# 2111
Delta R.T. -0.071 min
Lab File: BP010604.D
Acq: 28 May 2022 17:25

Tgt Ion:138 Resp: 118
Ion Ratio Lower Upper
138 100
92 70.0 38.0 78.0
108 88.0 77.6 117.6

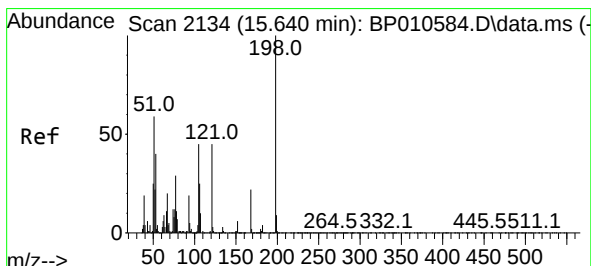
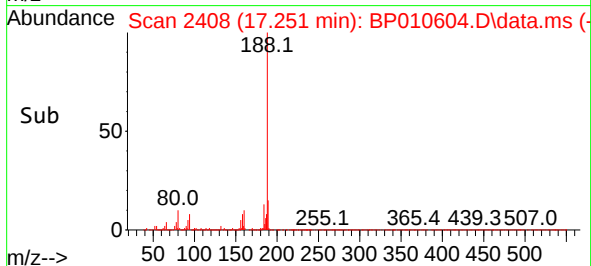
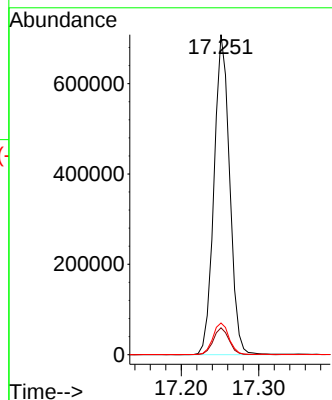
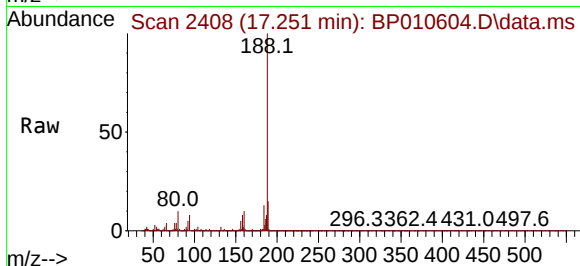




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP010604.D
Acq: 28 May 2022 17:25

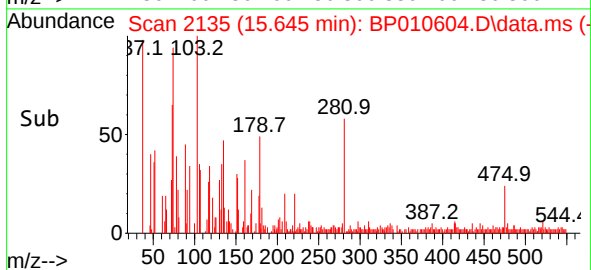
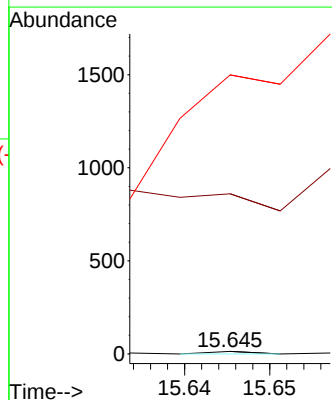
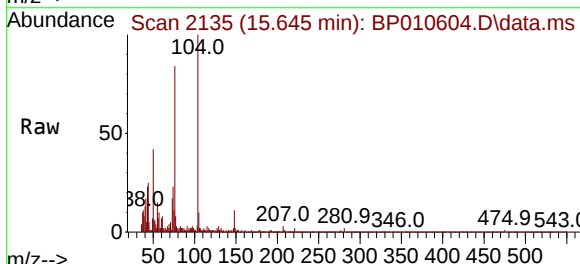
Instrument :
BNA_P
ClientSampleId :
P025-SS001-1218-01

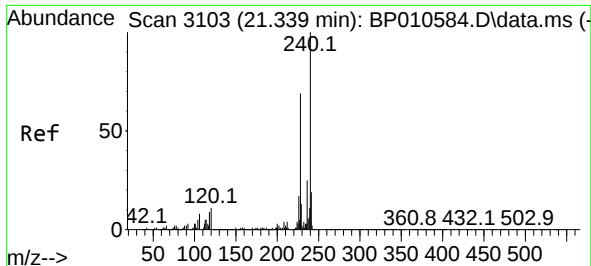
Tgt Ion:188 Resp: 991497
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.9 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.603 ng
RT: 15.645 min Scan# 2135
Delta R.T. 0.005 min
Lab File: BP010604.D
Acq: 28 May 2022 17:25

Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 6615.4 41.2 81.2#
105 11530.8 25.3 65.3#

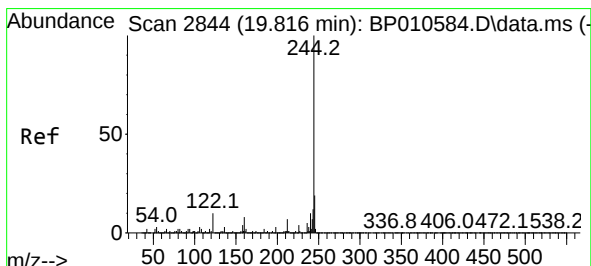
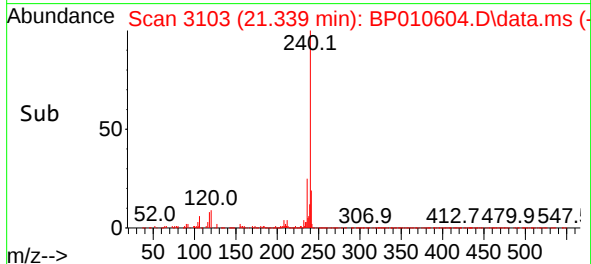
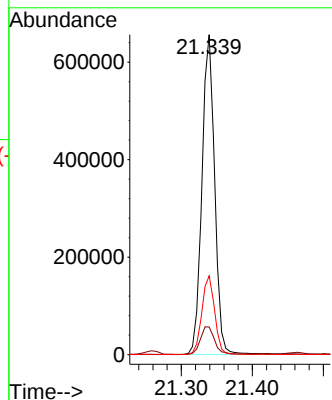
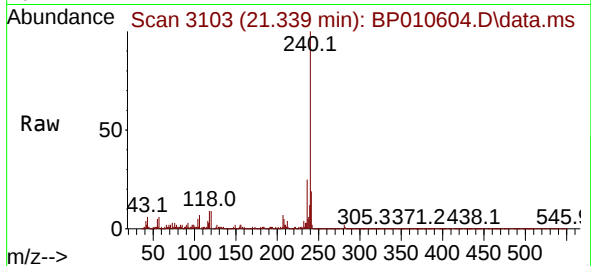




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP010604.D
Acq: 28 May 2022 17:25

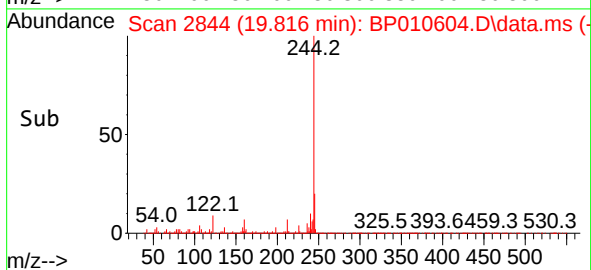
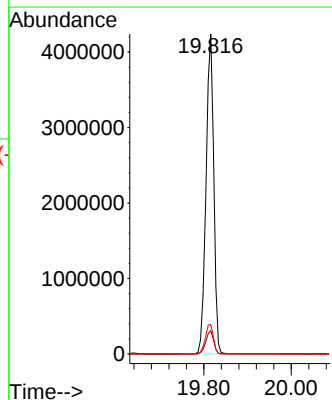
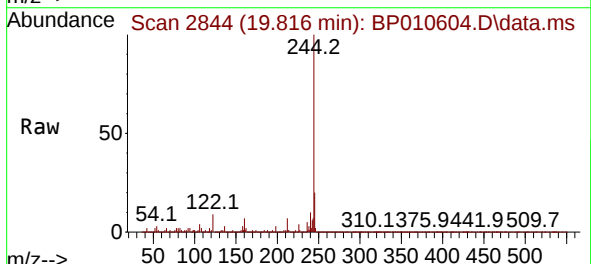
Instrument :
BNA_P
ClientSampleId :
P025-SS001-1218-01

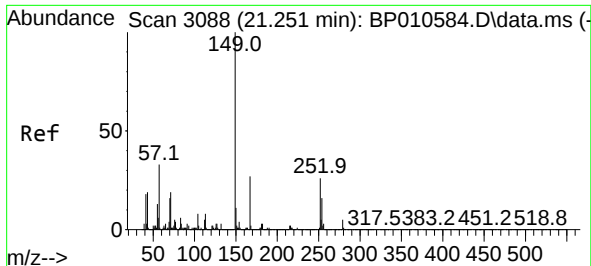
Tgt Ion:240 Resp: 820810
Ion Ratio Lower Upper
240 100
120 8.7 8.6 12.8
236 24.7 19.8 29.6



#79
Terphenyl-d14
Concen: 119.300 ng
RT: 19.816 min Scan# 2844
Delta R.T. -0.000 min
Lab File: BP010604.D
Acq: 28 May 2022 17:25

Tgt Ion:244 Resp: 5213336
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 9.2 7.6 11.4

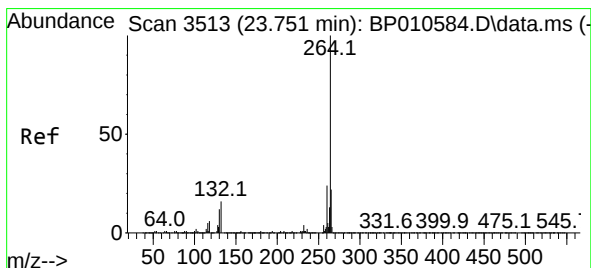
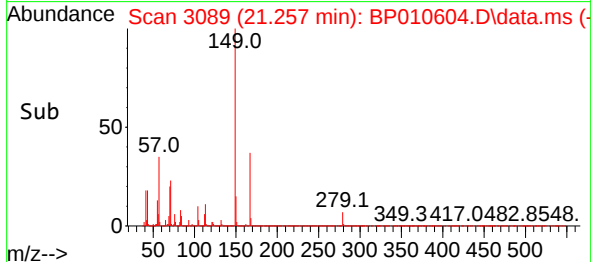
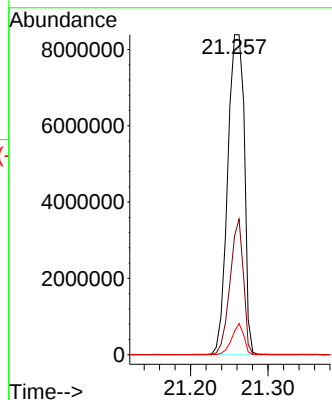
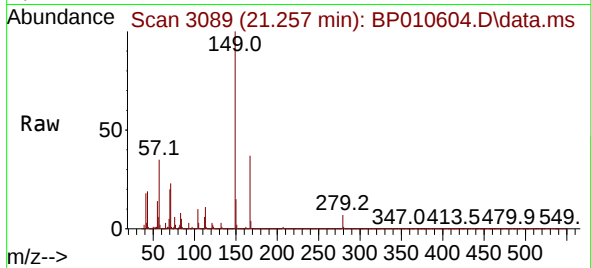




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 391.654 ng
 RT: 21.257 min Scan# 3089
 Delta R.T. 0.006 min
 Lab File: BP010604.D
 Acq: 28 May 2022 17:25

Instrument :
 BNA_P
 ClientSampleId :
 P025-SS001-1218-01

Tgt Ion:149 Resp:12437519
 Ion Ratio Lower Upper
 149 100
 167 37.2 21.8 32.8#
 279 7.3 3.7 5.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.745 min Scan# 3512
 Delta R.T. -0.006 min
 Lab File: BP010604.D
 Acq: 28 May 2022 17:25

Tgt Ion:264 Resp: 683884
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.3 28.9
 265 22.0 18.0 27.0

