

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060622\
 Data File : BP010704.D
 Acq On : 06 Jun 2022 15:44
 Operator : CG/JU
 Sample : N3140-01DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RCA-BACKFILL-MATERIALDL

Quant Time: Jun 07 05:17:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 15:39:44 2022
 Response via : Initial Calibration

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

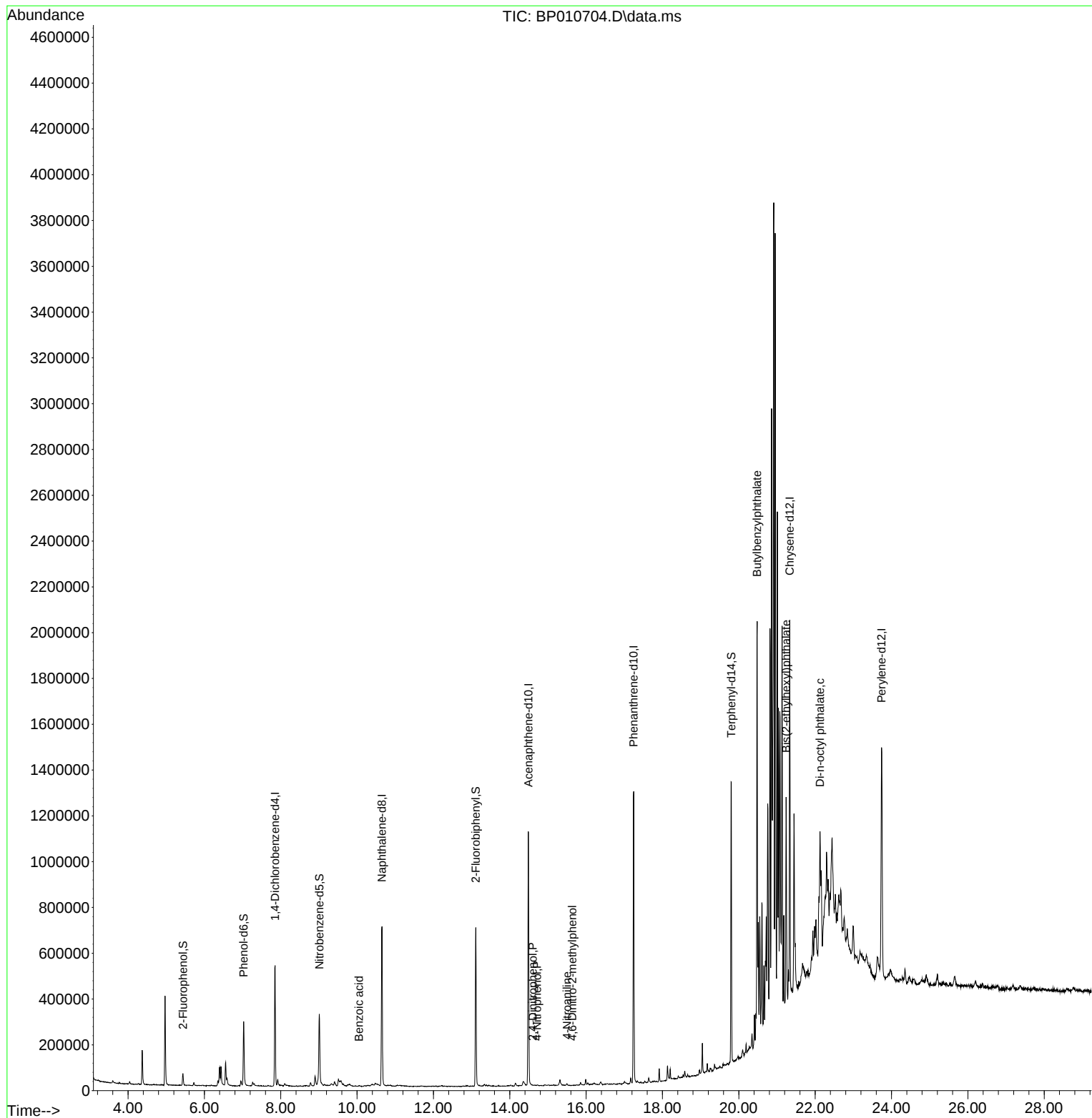
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	137078	20.000	ng	0.00
21) Naphthalene-d8	10.652	136	559315	20.000	ng	0.00
39) Acenaphthene-d10	14.487	164	368873	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	778149	20.000	ng	0.00
76) Chrysene-d12	21.333	240	772791	20.000	ng	0.00
86) Perylene-d12	23.739	264	792098	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	22082	2.939	ng	0.00
7) Phenol-d6	7.028	99	155507	14.578	ng	0.00
23) Nitrobenzene-d5	9.011	82	164812	13.931	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	4672	1.119	ng	0.01
45) 2-Fluorobiphenyl	13.110	172	356049	13.699	ng	0.00
79) Terphenyl-d14	19.804	244	586406	14.253	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.052	122	200	7.357	ng	86
54) 2,4-Dinitrophenol	14.604	184	20	6.651	ng	# 33
56) 4-Nitrophenol	14.716	139	51	3.608	ng	# 1
62) 4-Nitroaniline	15.504	138	134	2.155	ng	90
65) 4,6-Dinitro-2-methylph...	15.640	198	20	4.606	ng	# 1
80) Butylbenzylphthalate	20.480	149	563659	26.574	ng	91
84) Bis(2-ethylhexyl)phtha...	21.239	149	412091	13.783	ng	96
85) Di-n-octyl phthalate	22.127	149	297340	5.968	ng	# 48

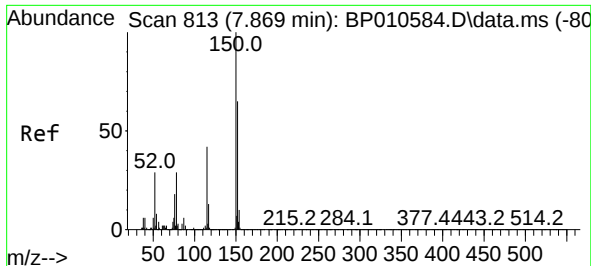
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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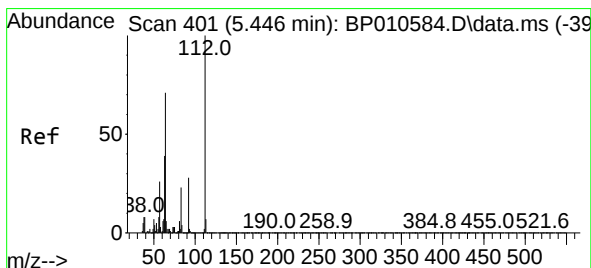
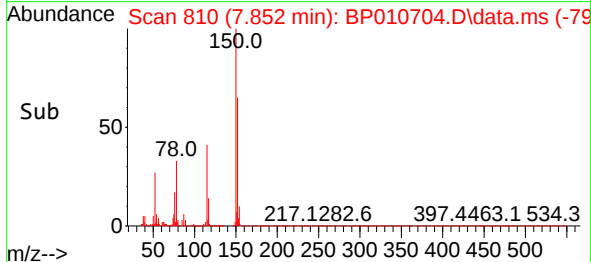
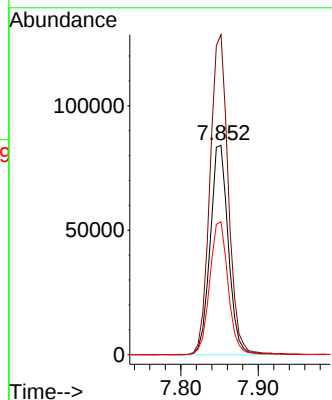
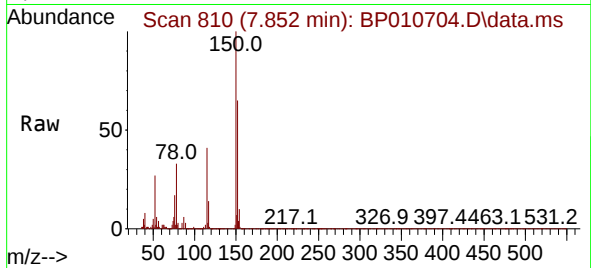




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.852 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: BP010704.D
 Acq: 06 Jun 2022 15:44

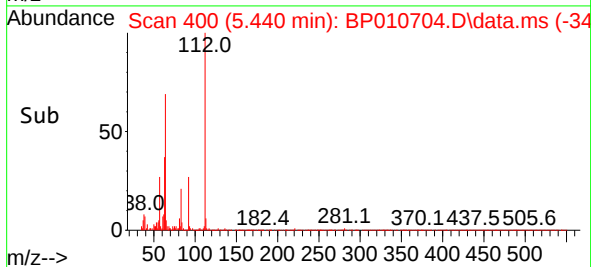
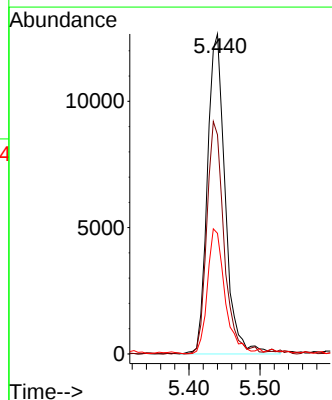
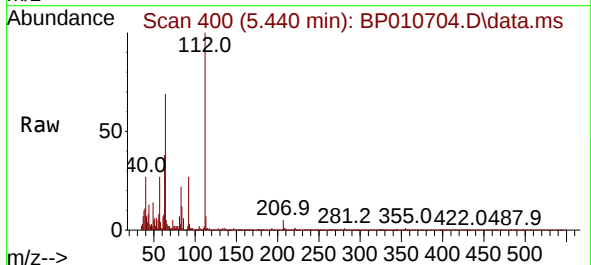
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 ClientSampleId :
 RCA-BACKFILL-MATERIALDL

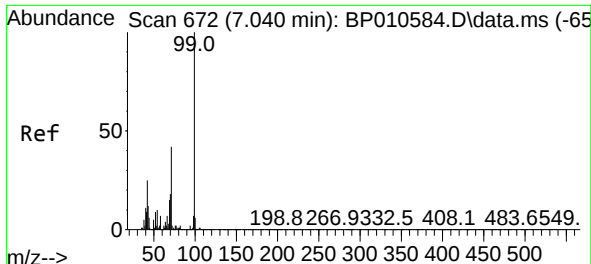
Tgt Ion:152 Resp: 137078
 Ion Ratio Lower Upper
 152 100
 150 152.9 123.4 185.2
 115 63.4 51.3 76.9



#5
 2-Fluorophenol
 Concen: 2.939 ng
 RT: 5.440 min Scan# 400
 Delta R.T. 0.006 min
 Lab File: BP010704.D
 Acq: 06 Jun 2022 15:44

Tgt Ion:112 Resp: 22082
 Ion Ratio Lower Upper
 112 100
 64 68.5 56.9 85.3
 63 37.7 31.2 46.8

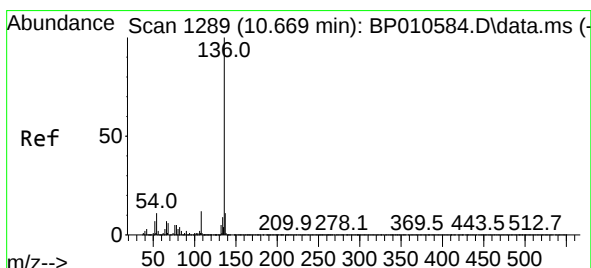
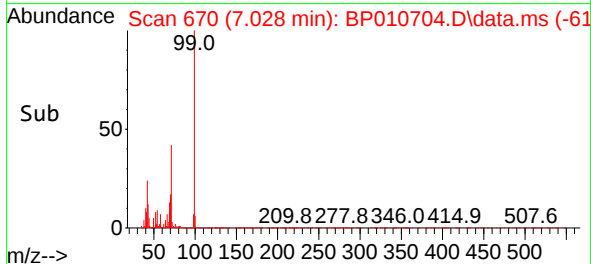
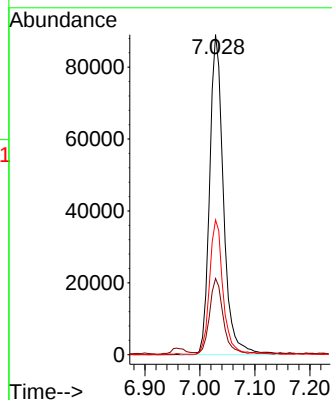
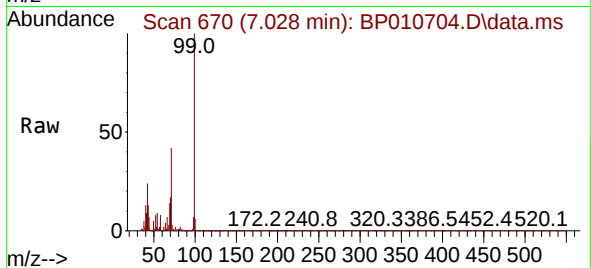




#7
Phenol-d6
Concen: 14.578 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP010704.D
Acq: 06 Jun 2022 15:44

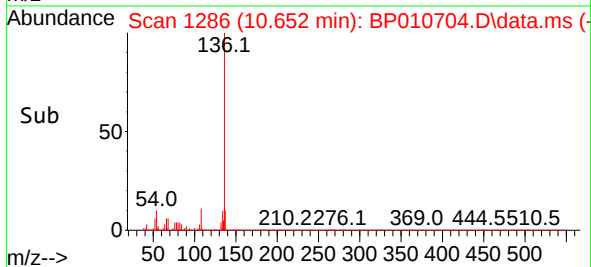
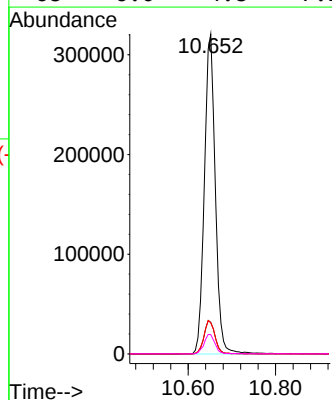
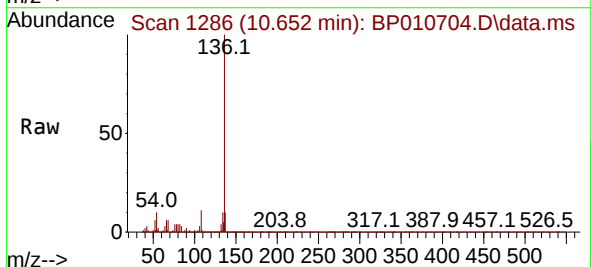
Instrument :
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ClientSampleId :
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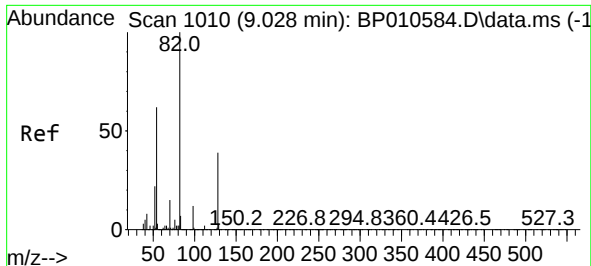
Tgt Ion: 99 Resp: 155507
Ion Ratio Lower Upper
99 100
42 23.8 20.3 30.5
71 42.1 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.652 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BP010704.D
Acq: 06 Jun 2022 15:44

Tgt Ion:136 Resp: 559315
Ion Ratio Lower Upper
136 100
137 9.9 9.0 13.4
54 9.7 8.7 13.1
68 6.0 4.8 7.2

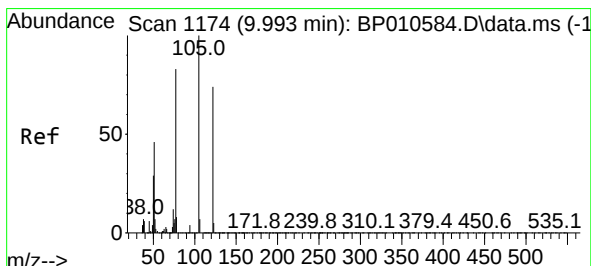
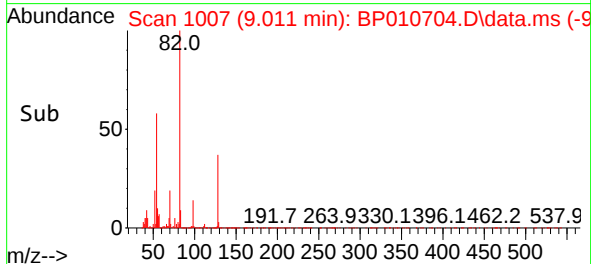
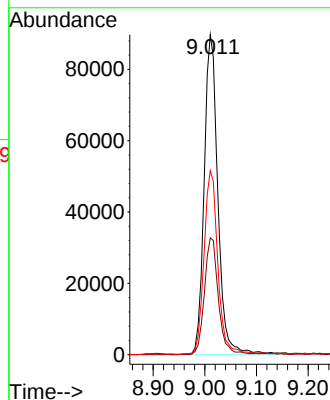
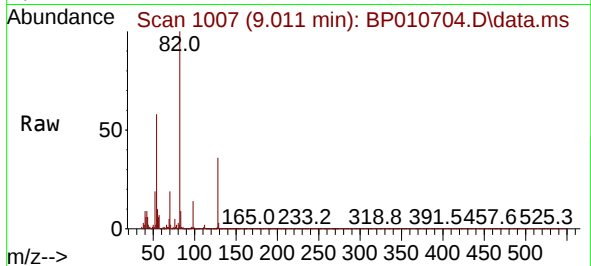




#23
Nitrobenzene-d5
Concen: 13.931 ng
RT: 9.011 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BP010704.D
Acq: 06 Jun 2022 15:44

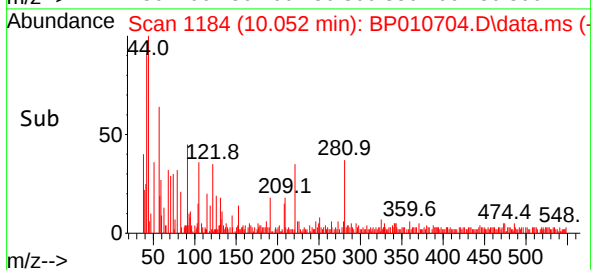
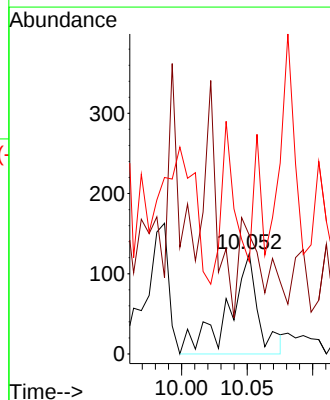
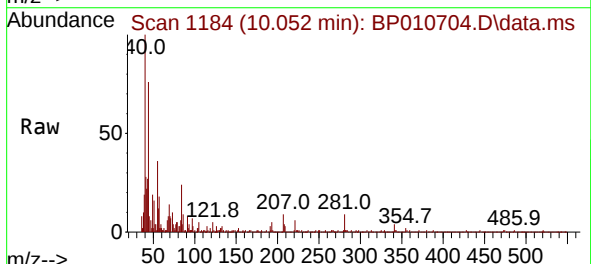
Instrument :
BNA_P
ClientSampleId :
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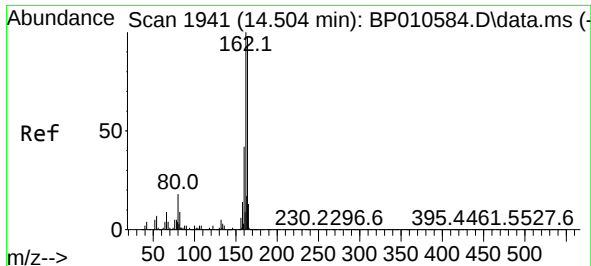
Tgt Ion: 82 Resp: 164812
Ion Ratio Lower Upper
82 100
128 36.5 31.3 46.9
54 57.5 49.8 74.8



#32
Benzoic acid
Concen: 7.357 ng
RT: 10.052 min Scan# 1184
Delta R.T. 0.059 min
Lab File: BP010704.D
Acq: 06 Jun 2022 15:44

Tgt Ion: 122 Resp: 200
Ion Ratio Lower Upper
122 100
105 118.4 112.6 152.6
77 92.0 90.2 130.2

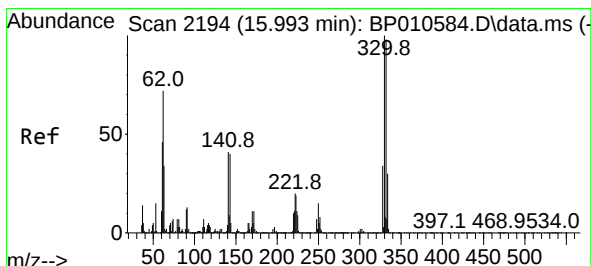
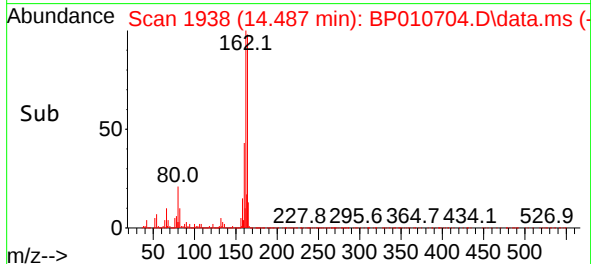
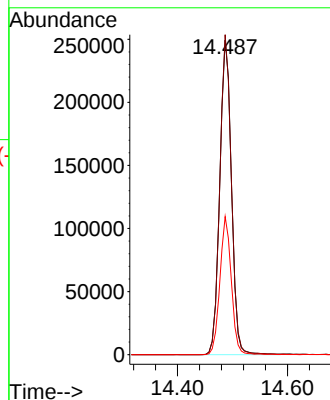
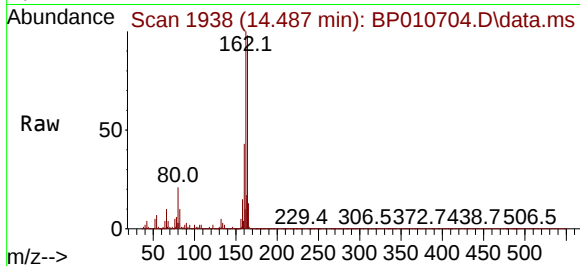




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BP010704.D
Acq: 06 Jun 2022 15:44

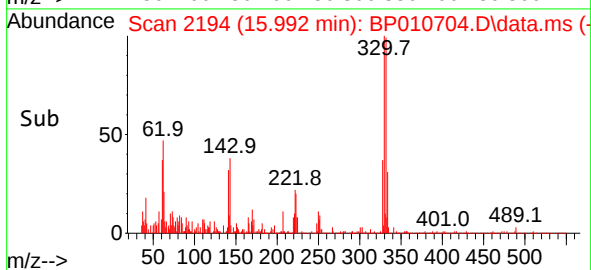
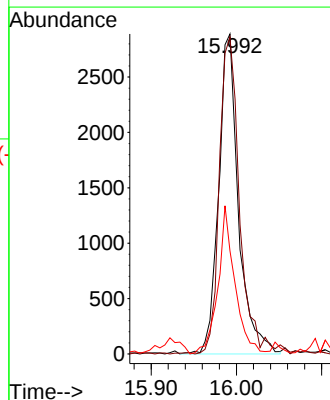
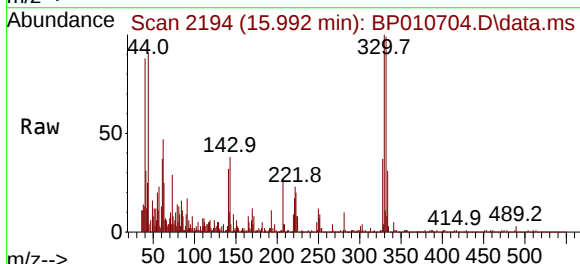
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ClientSampleId :
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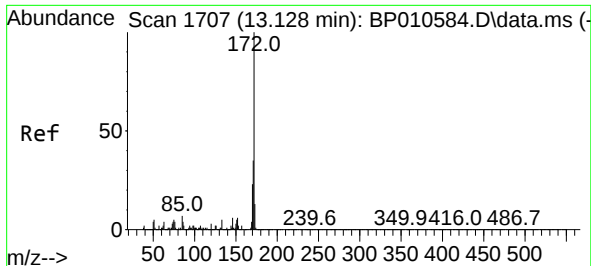
Tgt Ion:164 Resp: 368873
Ion Ratio Lower Upper
164 100
162 101.7 81.9 122.9
160 43.9 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 1.119 ng
RT: 15.992 min Scan# 2194
Delta R.T. 0.012 min
Lab File: BP010704.D
Acq: 06 Jun 2022 15:44

Tgt Ion:330 Resp: 4672
Ion Ratio Lower Upper
330 100
332 102.0 78.1 117.1
141 39.4 31.4 47.2

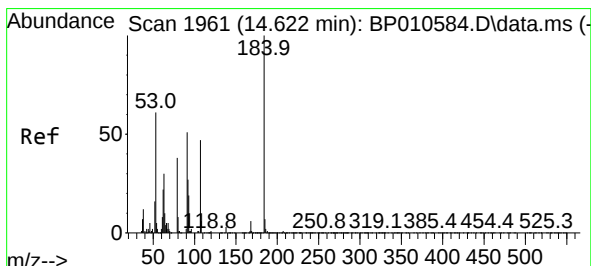
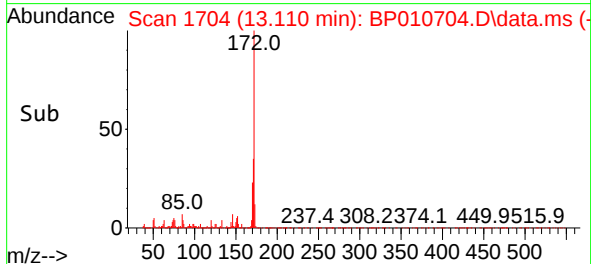
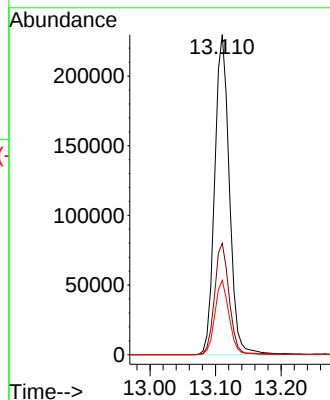
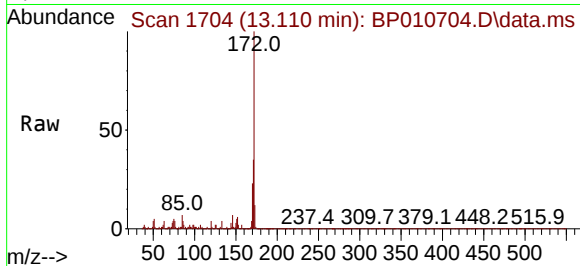




#45
2-Fluorobiphenyl
Concen: 13.699 ng
RT: 13.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP010704.D
Acq: 06 Jun 2022 15:44

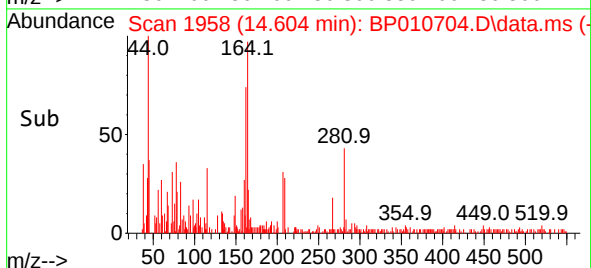
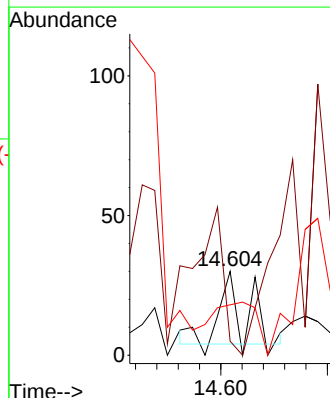
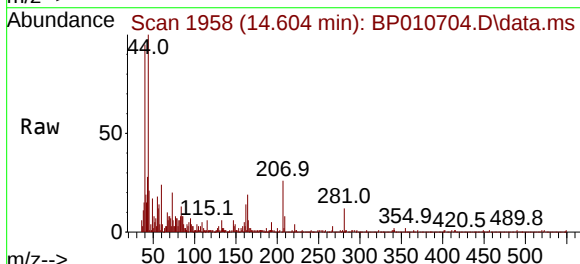
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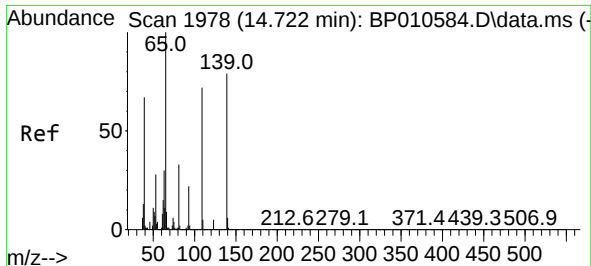
Tgt Ion:172 Resp: 356049
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.2 18.2 27.2



#54
2,4-Dinitrophenol
Concen: 6.651 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP010704.D
Acq: 06 Jun 2022 15:44

Tgt Ion:184 Resp: 20
Ion Ratio Lower Upper
184 100
63 183.3 65.4 98.2#
154 60.0 55.4 83.2

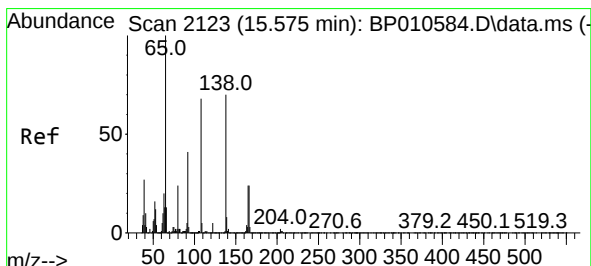
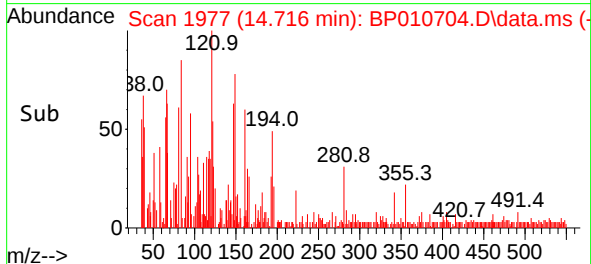
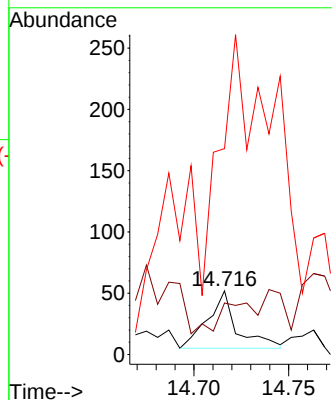
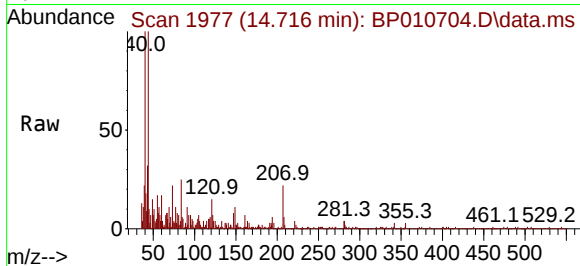




#56
4-Nitrophenol
Concen: 3.608 ng
RT: 14.716 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP010704.D
Acq: 06 Jun 2022 15:44

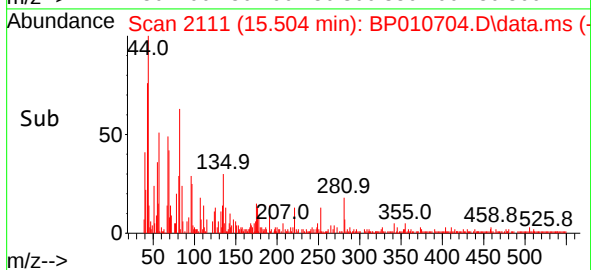
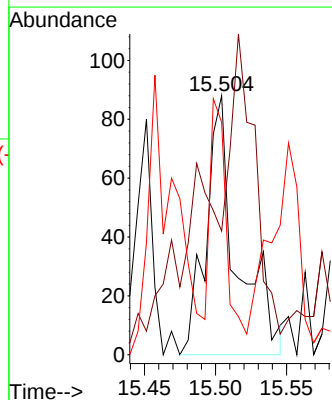
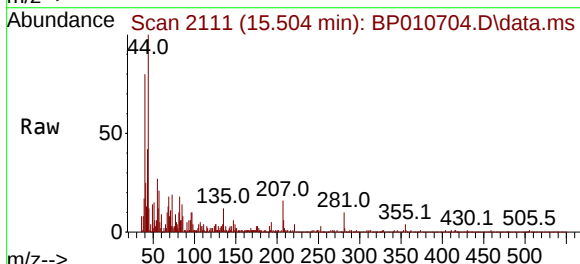
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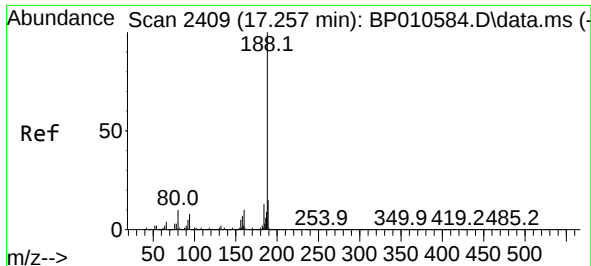
Tgt Ion:139 Resp: 51
Ion Ratio Lower Upper
139 100
109 80.8 70.6 110.6
65 323.1 106.6 146.6#



#62
4-Nitroaniline
Concen: 2.155 ng
RT: 15.504 min Scan# 2111
Delta R.T. -0.059 min
Lab File: BP010704.D
Acq: 06 Jun 2022 15:44

Tgt Ion:138 Resp: 134
Ion Ratio Lower Upper
138 100
92 47.7 38.0 78.0
108 89.8 77.6 117.6

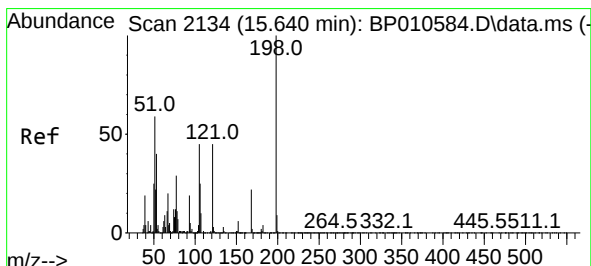
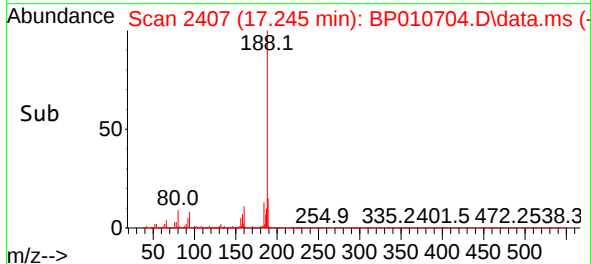
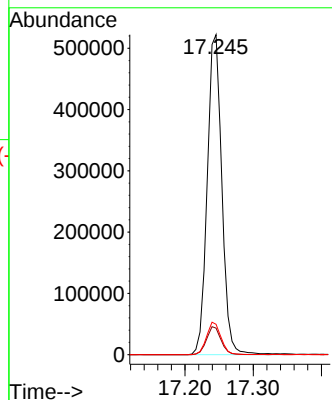
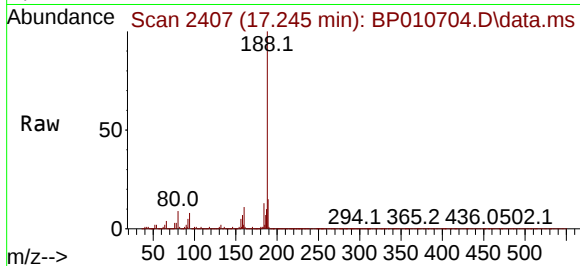




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2409
Delta R.T. 0.006 min
Lab File: BP010704.D
Acq: 06 Jun 2022 15:44

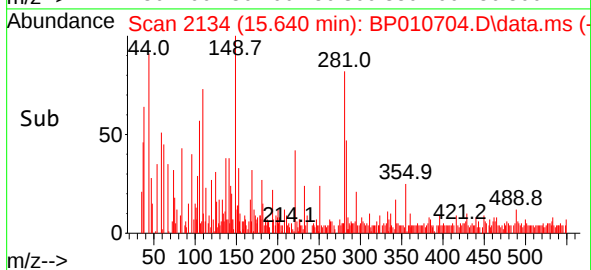
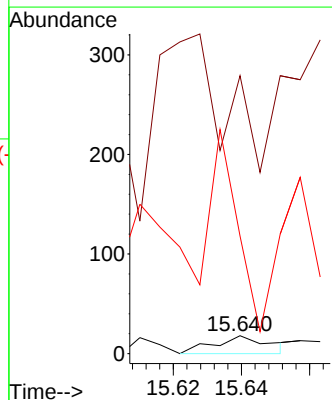
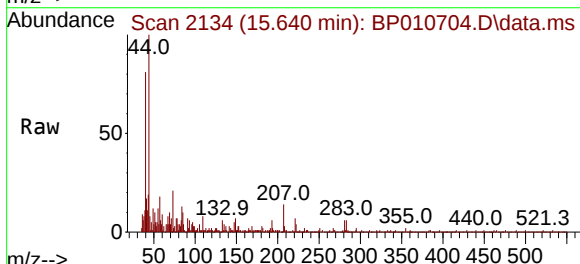
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ClientSampleId :
RCA-BACKFILL-MATERIALDL

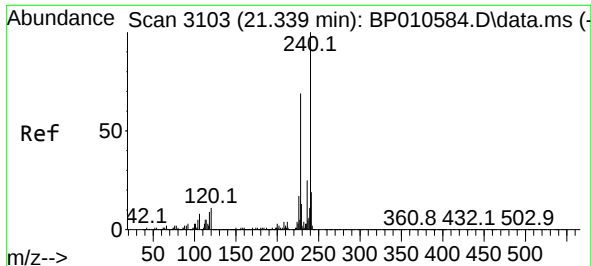
Tgt Ion:188 Resp: 778149
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 9.5 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.606 ng
RT: 15.640 min Scan# 2134
Delta R.T. 0.006 min
Lab File: BP010704.D
Acq: 06 Jun 2022 15:44

Tgt Ion:198 Resp: 20
Ion Ratio Lower Upper
198 100
51 1550.0 41.2 81.2#
105 655.6 25.3 65.3#

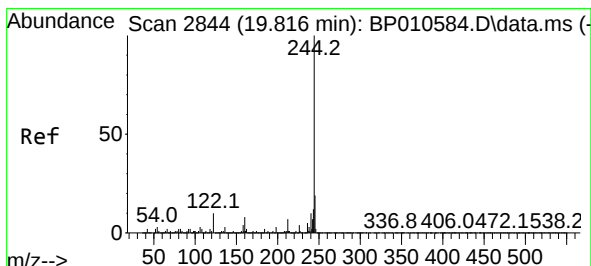
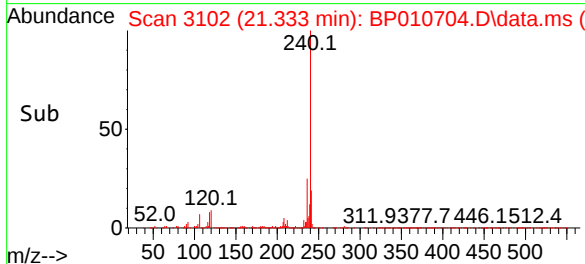
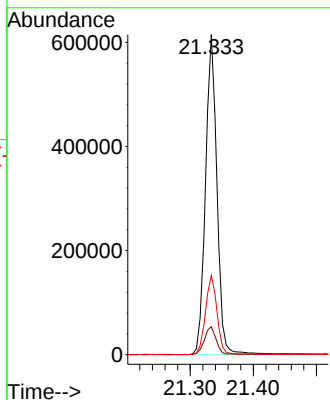
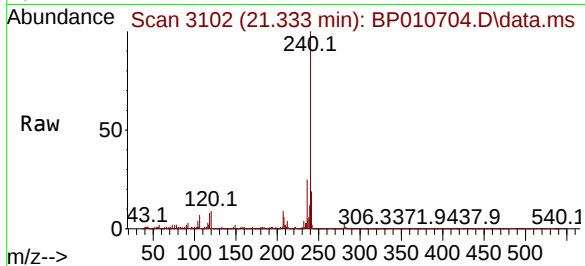




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP010704.D
Acq: 06 Jun 2022 15:44

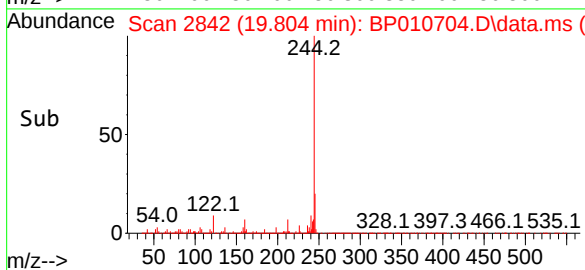
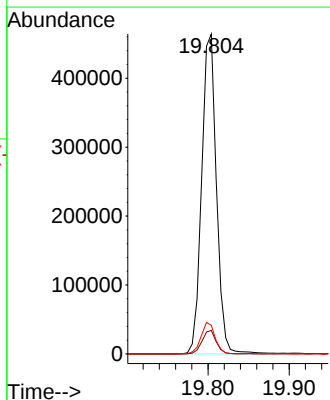
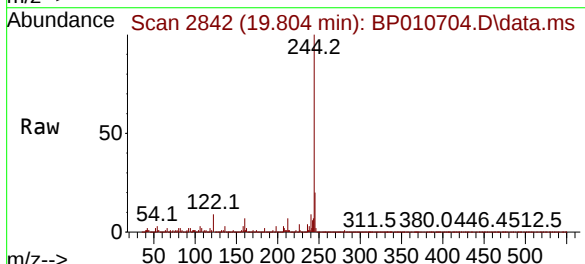
Instrument :
BNA_P
ClientSampleId :
RCA-BACKFILL-MATERIALDL

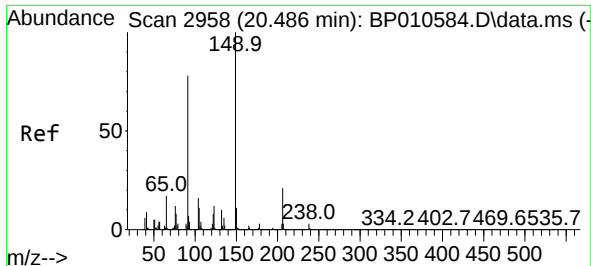
Tgt Ion:240 Resp: 772791
Ion Ratio Lower Upper
240 100
120 8.8 8.6 12.8
236 24.8 19.8 29.6



#79
Terphenyl-d14
Concen: 14.253 ng
RT: 19.804 min Scan# 2842
Delta R.T. -0.000 min
Lab File: BP010704.D
Acq: 06 Jun 2022 15:44

Tgt Ion:244 Resp: 586406
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 9.0 7.6 11.4

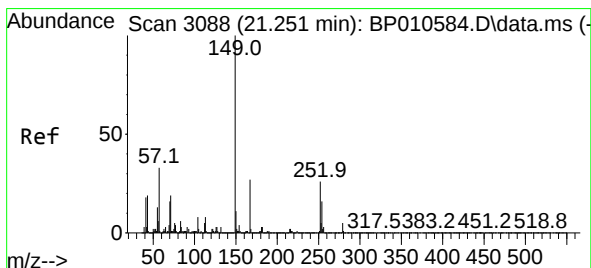
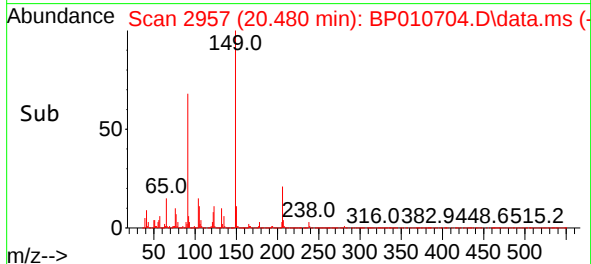
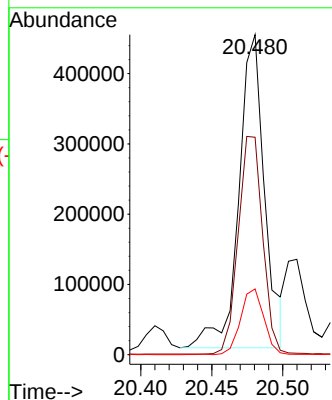
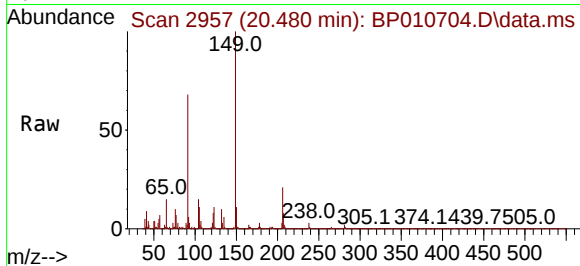




#80
Butylbenzylphthalate
Concen: 26.574 ng
RT: 20.480 min Scan# 2958
Delta R.T. 0.006 min
Lab File: BP010704.D
Acq: 06 Jun 2022 15:44

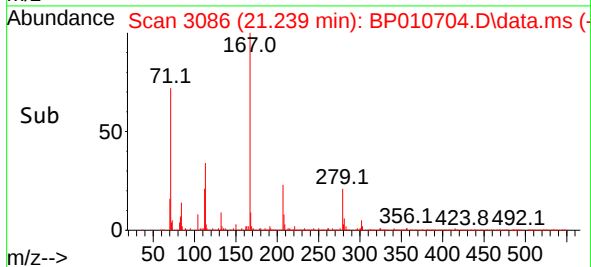
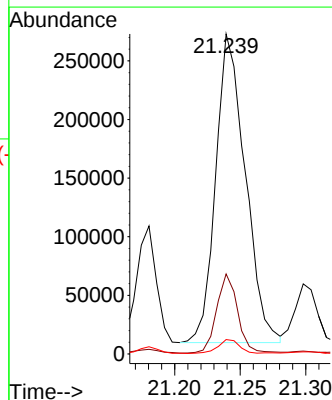
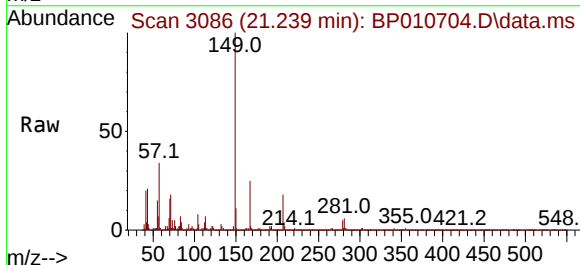
Instrument :
BNA_P
ClientSampleId :
RCA-BACKFILL-MATERIALDL

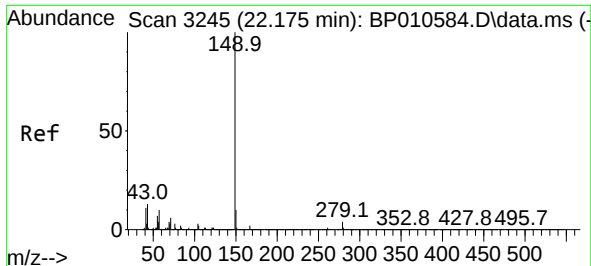
Tgt Ion:149 Resp: 563659
Ion Ratio Lower Upper
149 100
91 67.9 62.5 93.7
206 20.6 17.0 25.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 13.783 ng
RT: 21.239 min Scan# 3086
Delta R.T. -0.000 min
Lab File: BP010704.D
Acq: 06 Jun 2022 15:44

Tgt Ion:149 Resp: 412091
Ion Ratio Lower Upper
149 100
167 25.0 21.8 32.8
279 4.5 3.7 5.5

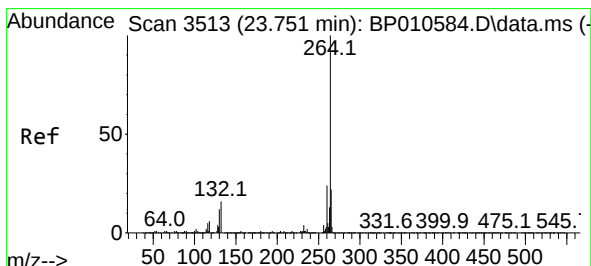
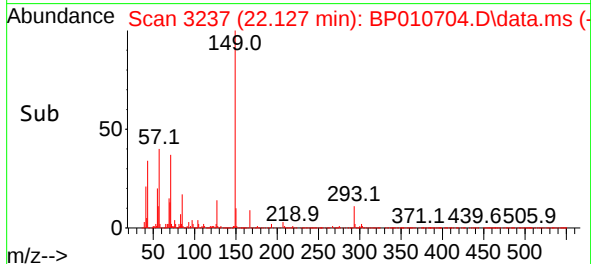
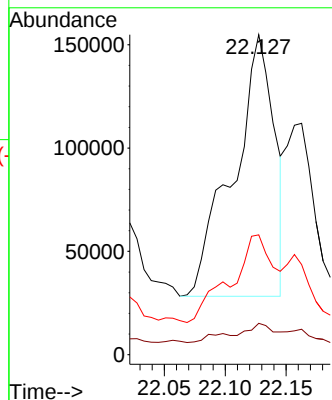
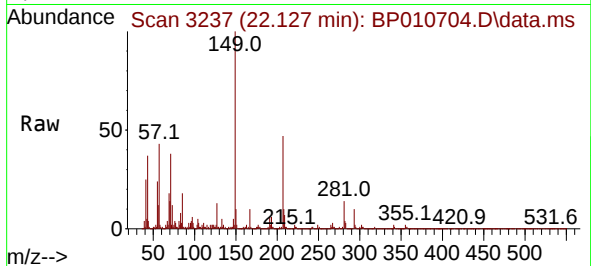




#85
Di-n-octyl phthalate
Concen: 5.968 ng
RT: 22.127 min Scan# 311
Delta R.T. -0.035 min
Lab File: BP010704.D
Acq: 06 Jun 2022 15:44

Instrument :
BNA_P
ClientSampleId :
RCA-BACKFILL-MATERIALDL

Tgt Ion:149 Resp: 297340
Ion Ratio Lower Upper
149 100
167 2.2 1.3 1.9#
43 35.3 10.0 15.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.739 min Scan# 3511
Delta R.T. -0.000 min
Lab File: BP010704.D
Acq: 06 Jun 2022 15:44

Tgt Ion:264 Resp: 792098
Ion Ratio Lower Upper
264 100
260 23.2 19.3 28.9
265 22.8 18.0 27.0

