

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111320\
 Data File : BP003964.D
 Acq On : 13 Nov 2020 20:40
 Operator : CG/JU
 Sample : L4729-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TI-658

Quant Time: Nov 16 08:21:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 12 15:22:47 2020
 Response via : Initial Calibration

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

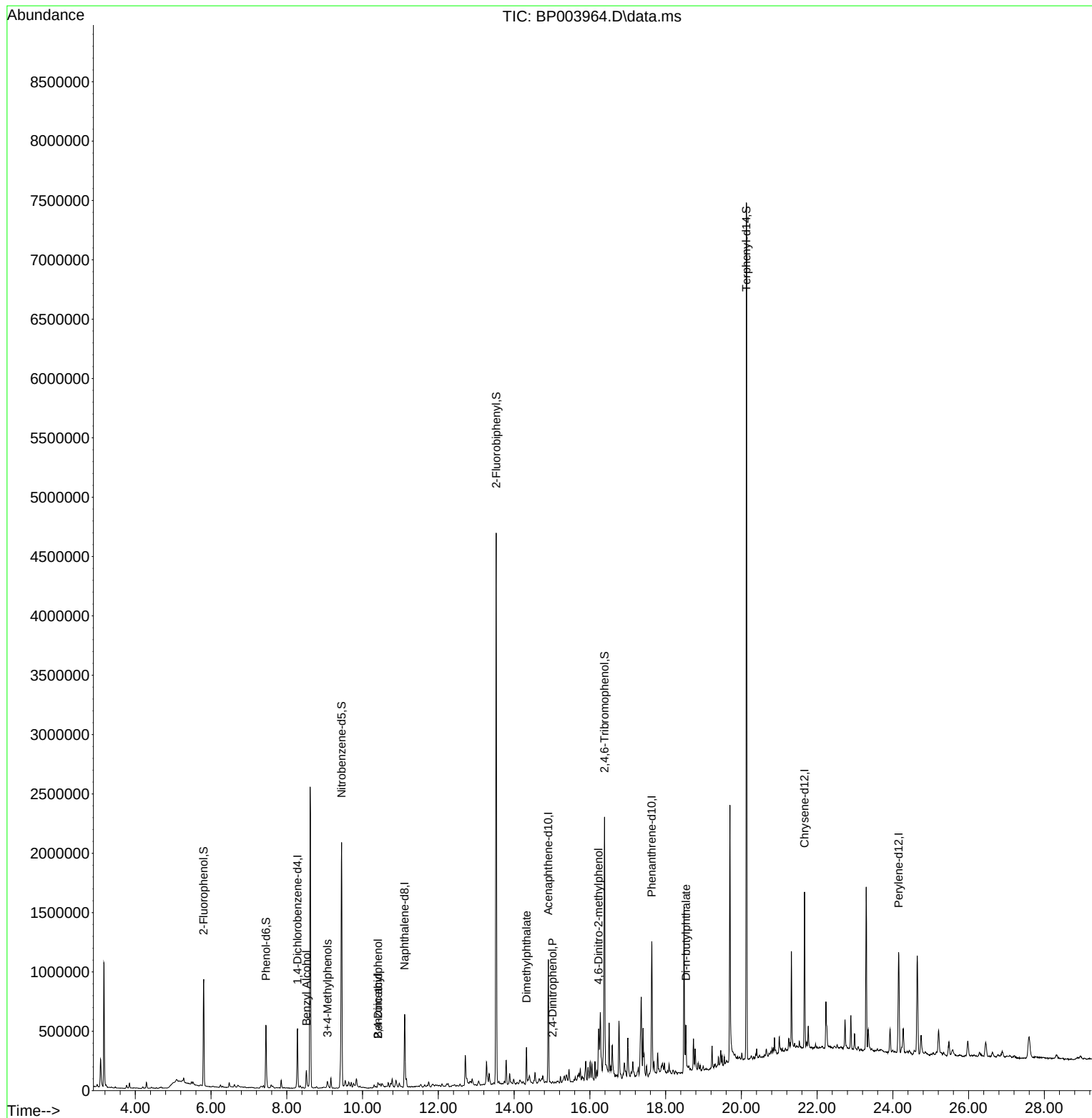
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	130290	20.00	ng	0.00
21) Naphthalene-d8	11.110	136	499297	20.00	ng	# 0.00
39) Acenaphthene-d10	14.904	164	297167	20.00	ng	0.00
64) Phenanthrene-d10	17.633	188	622402	20.00	ng	# 0.00
76) Chrysene-d12	21.669	240	631683	20.00	ng	0.00
86) Perylene-d12	24.151	264	663015	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	369513	47.33	ng	0.00
7) Phenol-d6	7.446	99	290252	25.90	ng	0.00
23) Nitrobenzene-d5	9.446	82	1154302	113.22	ng	0.00
42) 2,4,6-Tribromophenol	16.386	330	378118	101.73	ng	0.00
45) 2-Fluorobiphenyl	13.528	172	2376131	111.79	ng	0.00
79) Terphenyl-d14	20.133	244	3416208	104.48	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.381	77	5636	Below Cal	#	84
15) Benzyl Alcohol	8.516	79	57200	7.37	ng	# 85
20) 3+4-Methylphenols	9.075	107	24519	2.59	ng	91
27) 2,4-Dimethylphenol	10.404	122	20657	3.13	ng	# 10
32) Benzoic acid	10.404	122	20657	11.99	ng	# 69
50) Dimethylphthalate	14.328	163	190564	8.20	ng	98
54) 2,4-Dinitrophenol	15.016	184	161	2.83	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.233	198	59885	21.85	ng	# 63
74) Di-n-butylphthalate	18.539	149	202066	5.58	ng	99

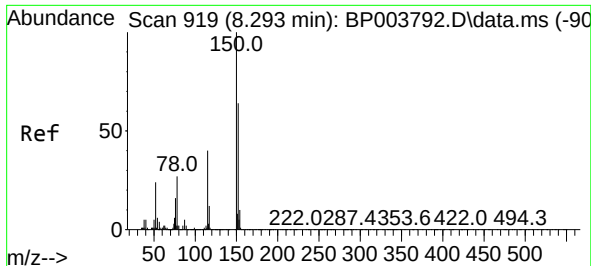
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

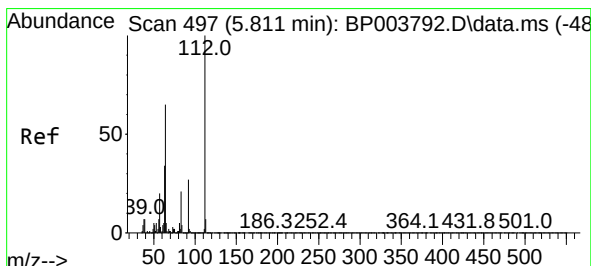
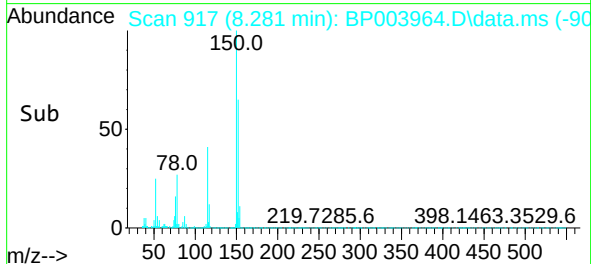
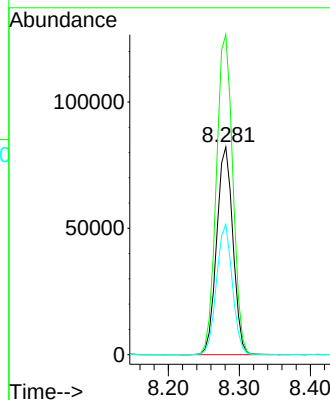
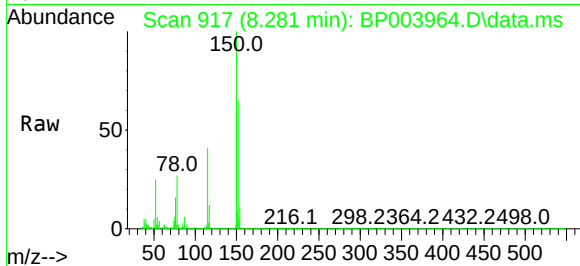




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.281 min Scan# 917
Delta R.T. -0.000 min
Lab File: BP003964.D
Acq: 13 Nov 2020 20:40

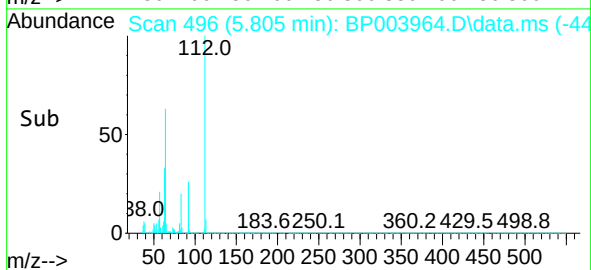
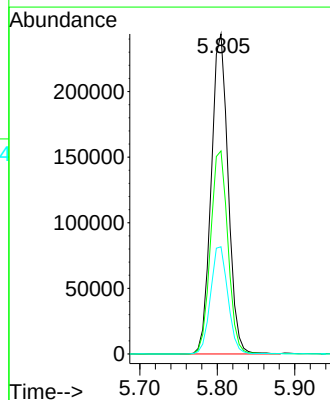
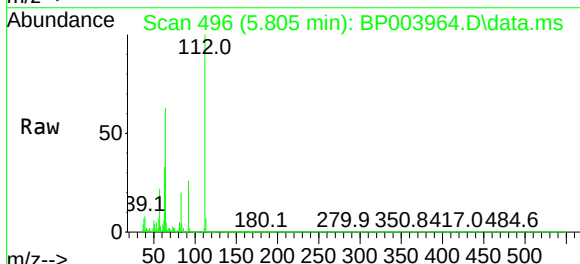
Instrument :
BNA_P
ClientSampleId :
TI-658

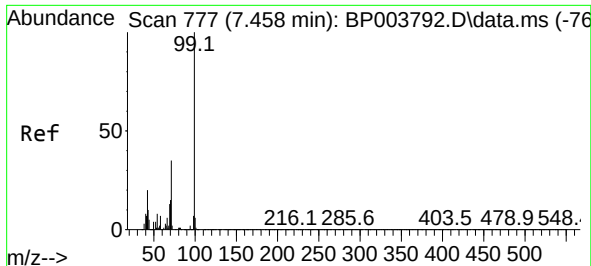
Tgt Ion:152 Resp: 130290
Ion Ratio Lower Upper
152 100
150 154.0 123.8 185.6
115 62.8 43.8 65.6



#5
2-Fluorophenol
Concen: 47.33 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.000 min
Lab File: BP003964.D
Acq: 13 Nov 2020 20:40

Tgt Ion:112 Resp: 369513
Ion Ratio Lower Upper
112 100
64 63.5 32.8 49.2#
63 33.5 17.0 25.4#

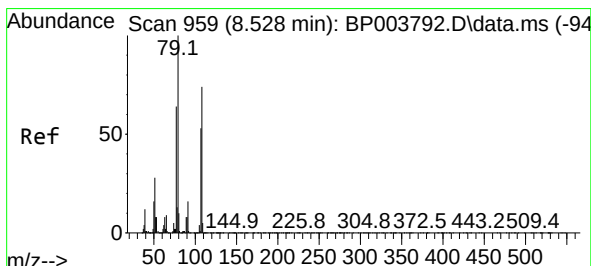
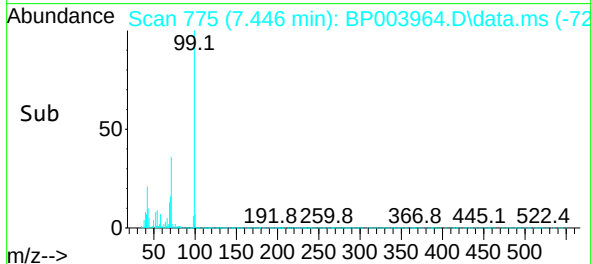
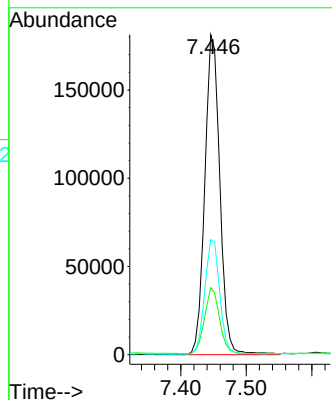
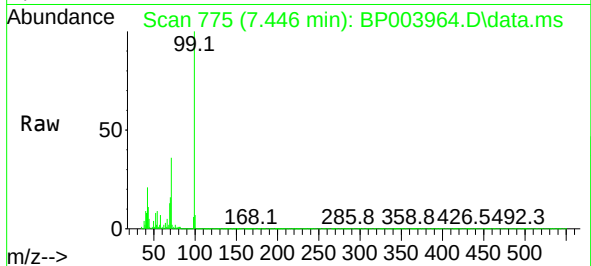




#7
Phenol-d6
Concen: 25.90 ng
RT: 7.446 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP003964.D
Acq: 13 Nov 2020 20:40

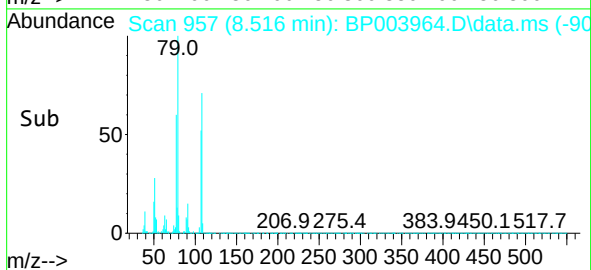
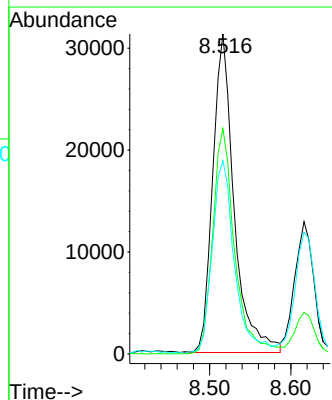
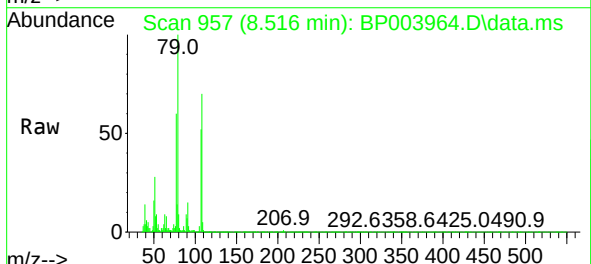
Instrument :
BNA_P
ClientSampleId :
TI-658

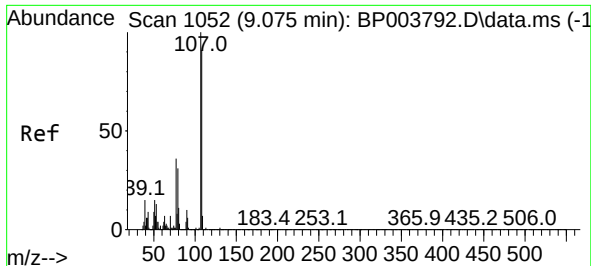
Tgt Ion: 99 Resp: 290252
Ion Ratio Lower Upper
99 100
42 21.0 8.6 13.0#
71 36.0 23.4 35.2#



#15
Benzyl Alcohol
Concen: 7.37 ng
RT: 8.516 min Scan# 957
Delta R.T. 0.000 min
Lab File: BP003964.D
Acq: 13 Nov 2020 20:40

Tgt Ion: 79 Resp: 57200
Ion Ratio Lower Upper
79 100
108 70.4 73.5 110.3#
77 60.4 50.3 75.5

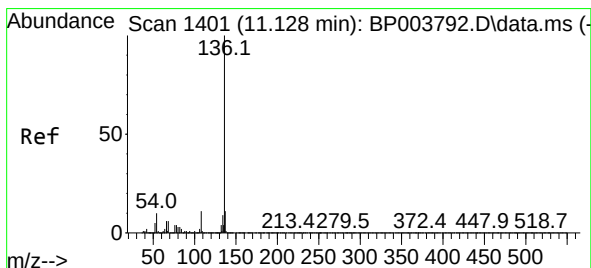
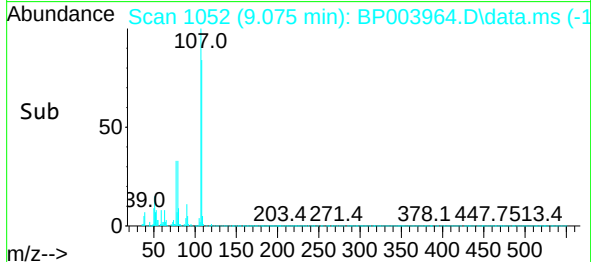
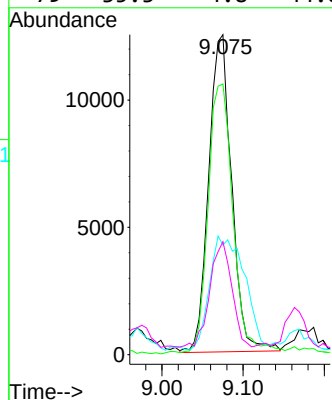
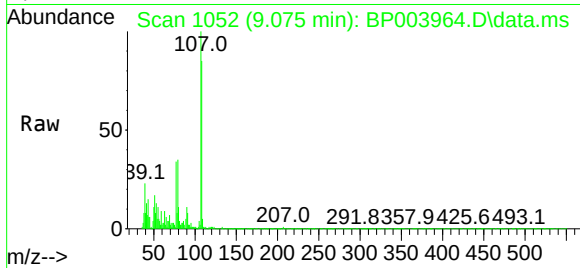




#20
3+4-Methylphenols
Concen: 2.59 ng
RT: 9.075 min Scan# 1052
Delta R.T. 0.000 min
Lab File: BP003964.D
Acq: 13 Nov 2020 20:40

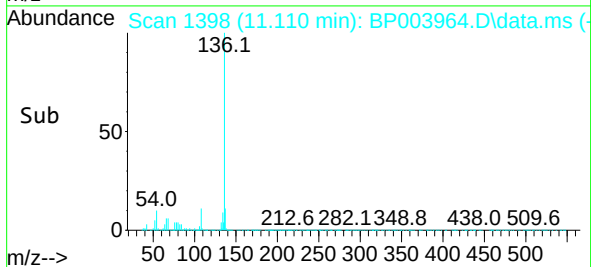
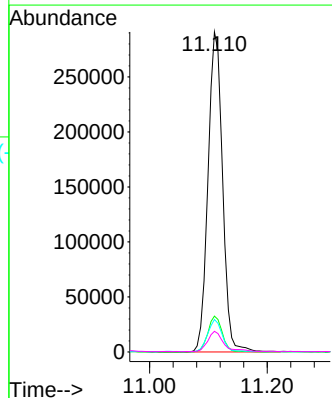
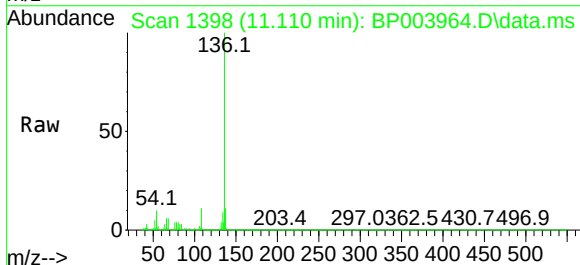
Instrument :
BNA_P
ClientSampled :
TI-658

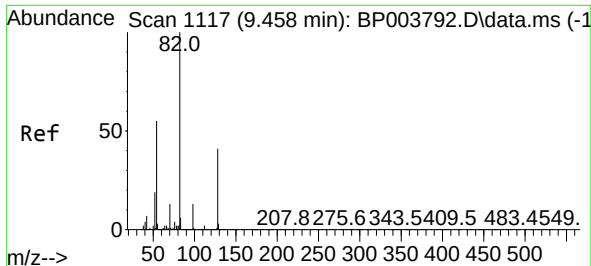
Tgt Ion:	107	Resp:	24519
Ion	Ratio	Lower	Upper
107	100		
108	84.6	69.0	109.0
77	34.2	8.5	48.5
79	35.3	4.8	44.8



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.110 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BP003964.D
Acq: 13 Nov 2020 20:40

Tgt Ion:	136	Resp:	499297
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	10.2	3.6	5.4#
68	6.5	3.3	4.9#

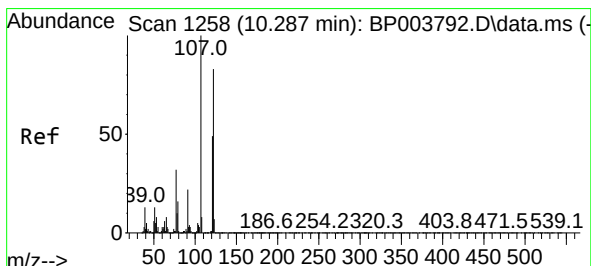
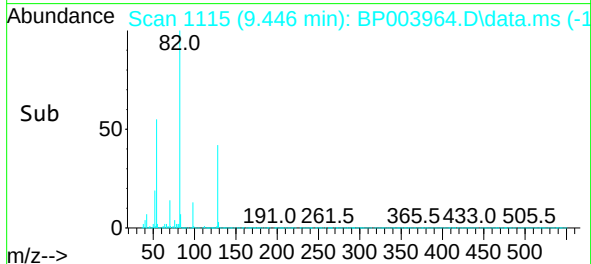
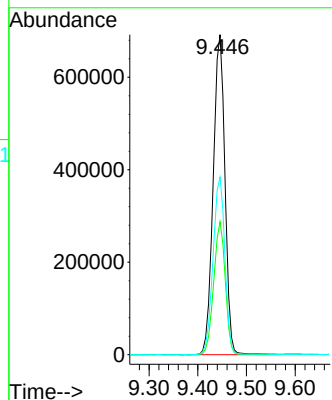
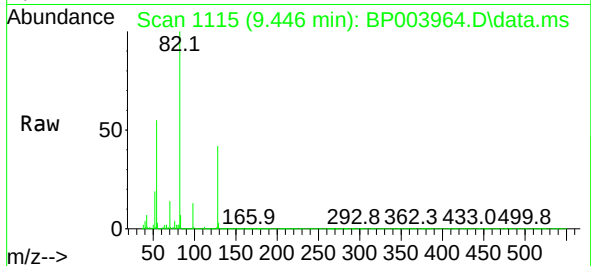




#23
Nitrobenzene-d5
Concen: 113.22 ng
RT: 9.446 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BP003964.D
Acq: 13 Nov 2020 20:40

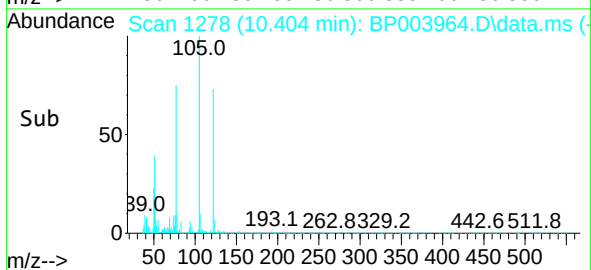
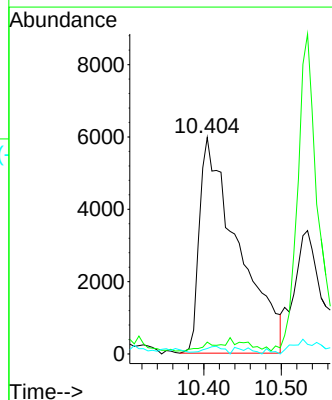
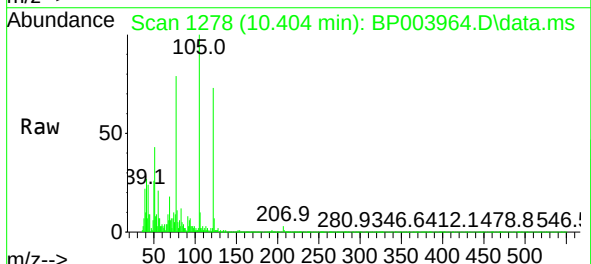
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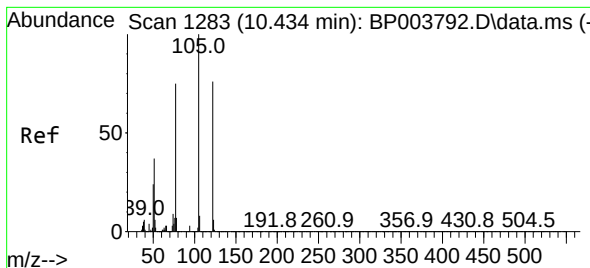
Tgt Ion: 82 Resp: 1154302
Ion Ratio Lower Upper
82 100
128 41.5 45.6 68.4#
54 55.5 30.1 45.1#



#27
2,4-Dimethylphenol
Concen: 3.13 ng
RT: 10.404 min Scan# 1278
Delta R.T. 0.124 min
Lab File: BP003964.D
Acq: 13 Nov 2020 20:40

Tgt Ion: 122 Resp: 20657
Ion Ratio Lower Upper
122 100
107 5.5 87.3 130.9#
121 2.5 47.3 70.9#

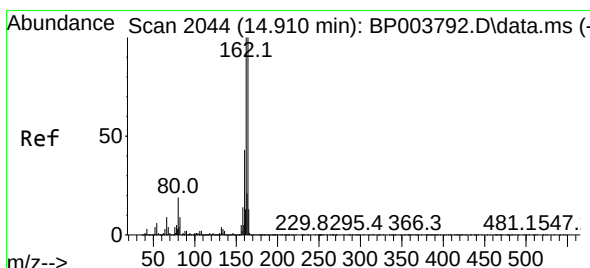
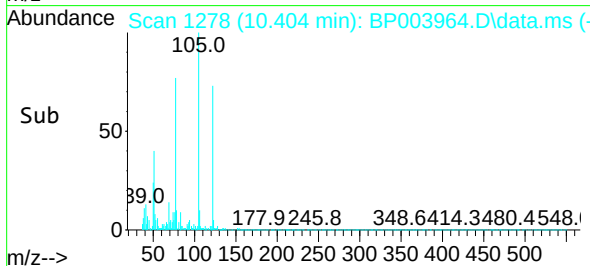
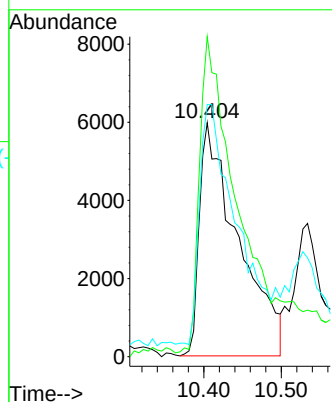
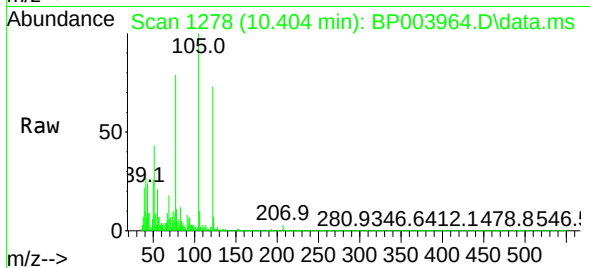




#32
Benzoic acid
Concen: 11.99 ng
RT: 10.404 min Scan# 1278
Delta R.T. -0.035 min
Lab File: BP003964.D
Acq: 13 Nov 2020 20:40

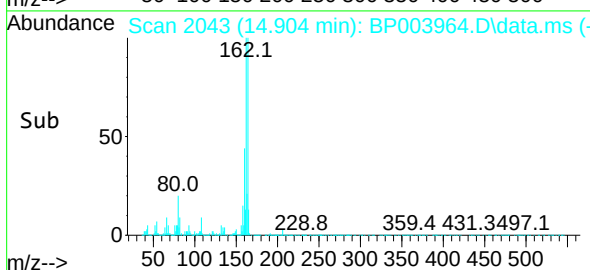
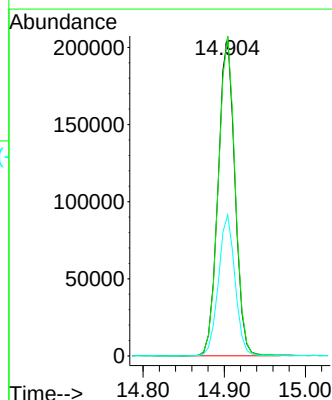
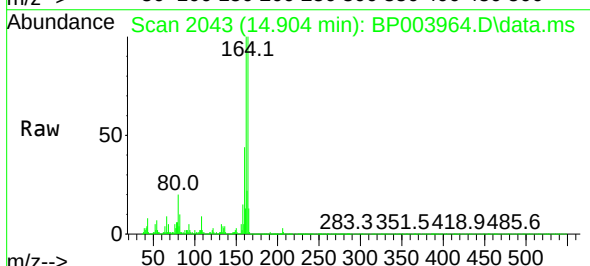
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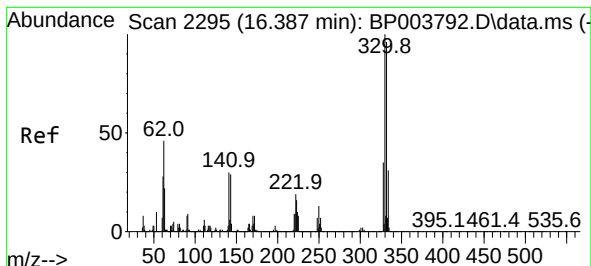
Tgt Ion:	122	Resp:	20657
Ion	Ratio	Lower	Upper
122	100		
105	136.8	94.1	134.1#
77	107.8	50.1	90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.904 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BP003964.D
Acq: 13 Nov 2020 20:40

Tgt Ion:	164	Resp:	297167
Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.4	119.2
160	44.2	36.1	54.1

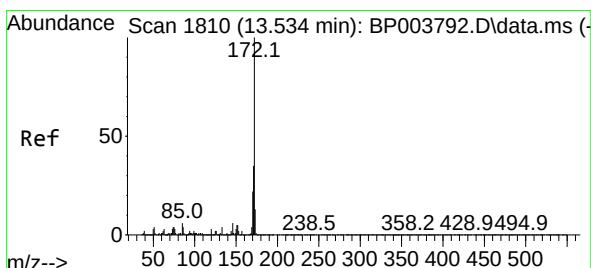
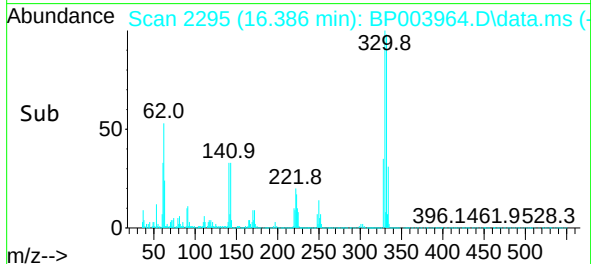
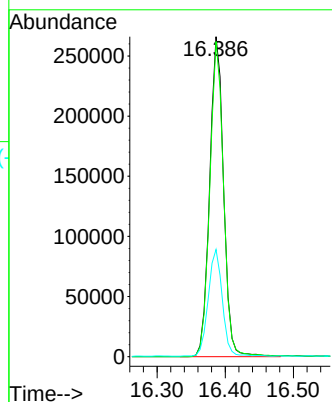
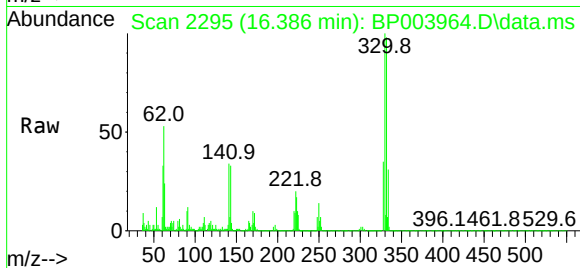




#42
2,4,6-Tribromophenol
Concen: 101.73 ng
RT: 16.386 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BP003964.D
Acq: 13 Nov 2020 20:40

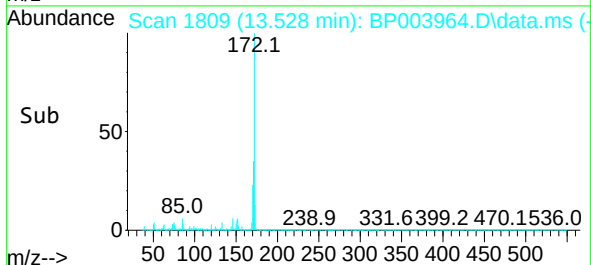
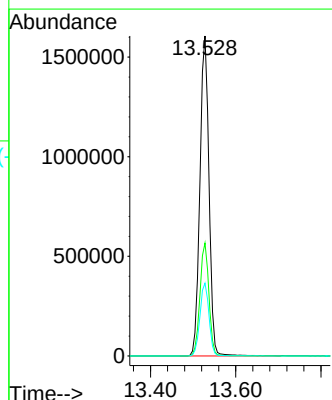
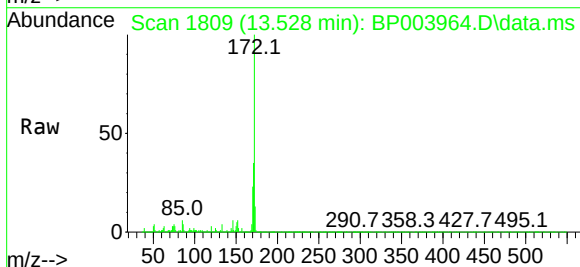
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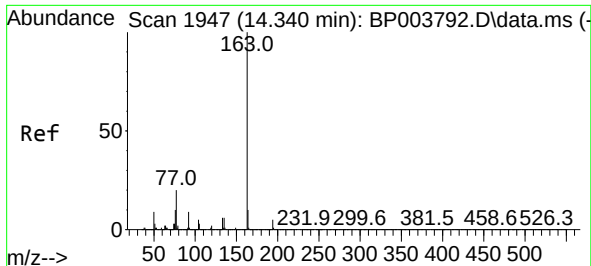
Tgt Ion:330 Resp: 378118
Ion Ratio Lower Upper
330 100
332 97.8 77.1 115.7
141 33.7 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 111.79 ng
RT: 13.528 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BP003964.D
Acq: 13 Nov 2020 20:40

Tgt Ion:172 Resp: 2376131
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 22.8 19.2 28.8

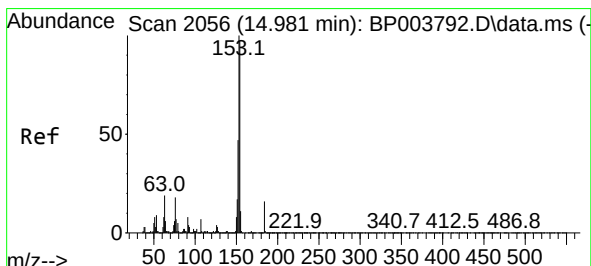
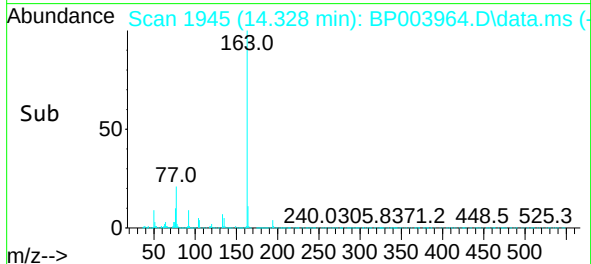
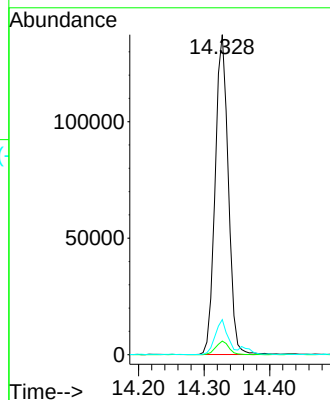
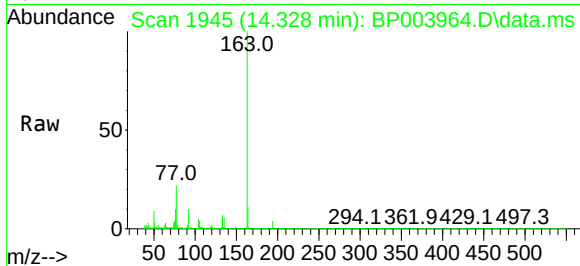




#50
Dimethylphthalate
Concen: 8.20 ng
RT: 14.328 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP003964.D
Acq: 13 Nov 2020 20:40

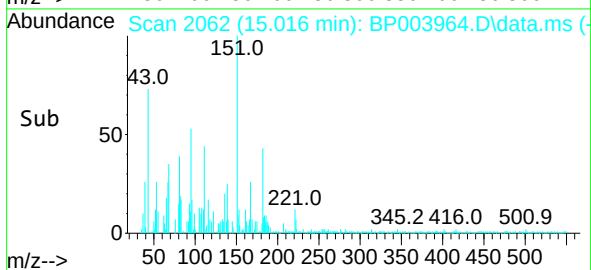
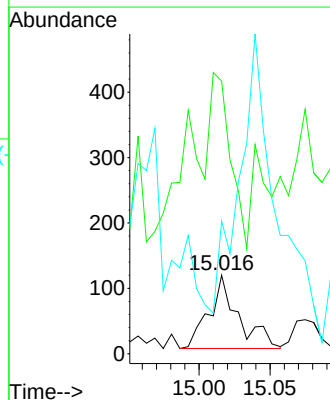
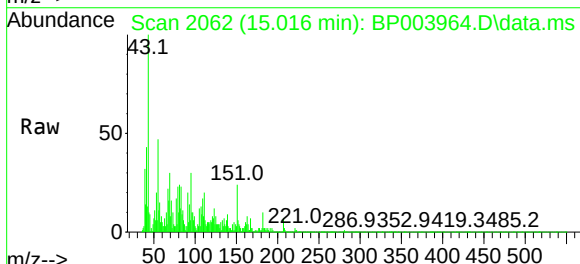
Instrument :
BNA_P
ClientSampled :
TI-658

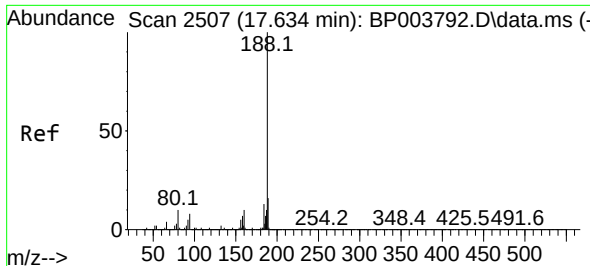
Tgt Ion:163 Resp: 190564
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.9 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 2.83 ng
RT: 15.016 min Scan# 2062
Delta R.T. 0.018 min
Lab File: BP003964.D
Acq: 13 Nov 2020 20:40

Tgt Ion:184 Resp: 161
Ion Ratio Lower Upper
184 100
63 347.5 32.3 48.5#
154 169.2 49.1 73.7#

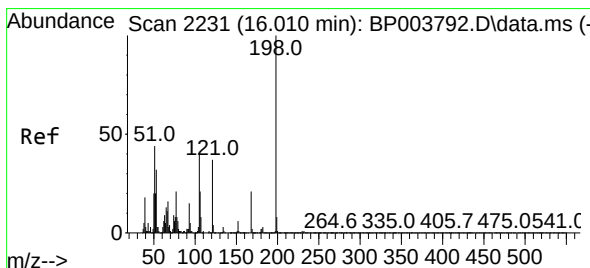
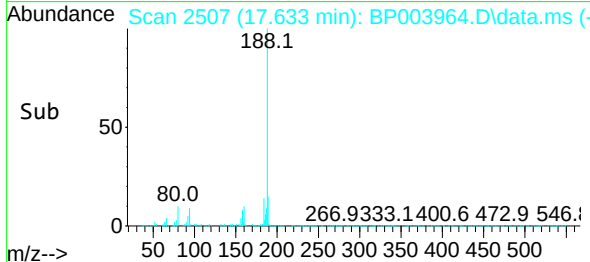
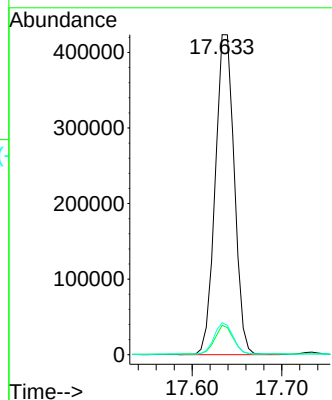
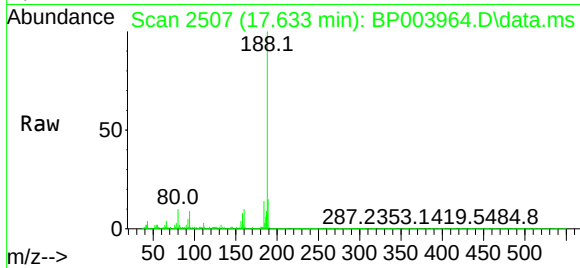




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.633 min Scan# 2507
Delta R.T. -0.006 min
Lab File: BP003964.D
Acq: 13 Nov 2020 20:40

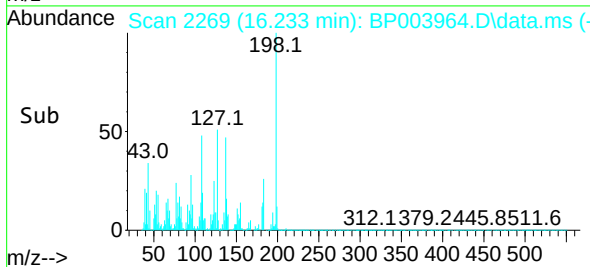
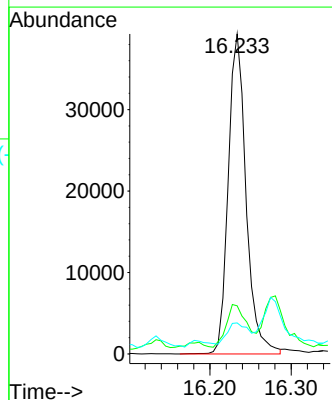
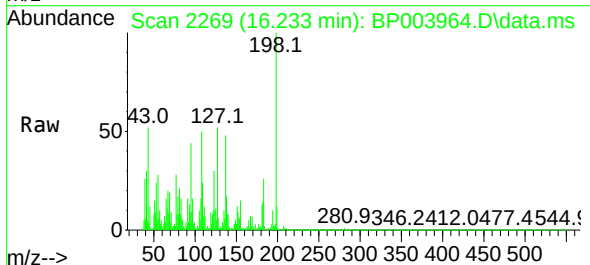
Instrument :
BNA_P
ClientSampleId :
TI-658

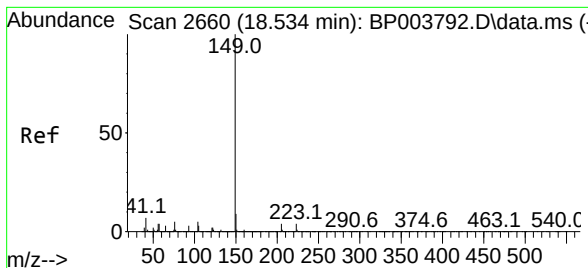
Tgt Ion:188 Resp: 622402
Ion Ratio Lower Upper
188 100
94 9.2 6.2 9.2
80 10.0 6.2 9.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 21.85 ng
RT: 16.233 min Scan# 2269
Delta R.T. 0.212 min
Lab File: BP003964.D
Acq: 13 Nov 2020 20:40

Tgt Ion:198 Resp: 59885
Ion Ratio Lower Upper
198 100
51 15.1 6.4 46.4
105 9.7 18.9 58.9#

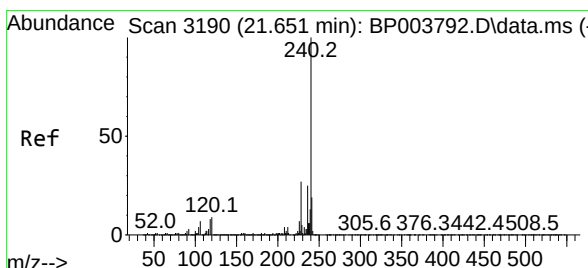
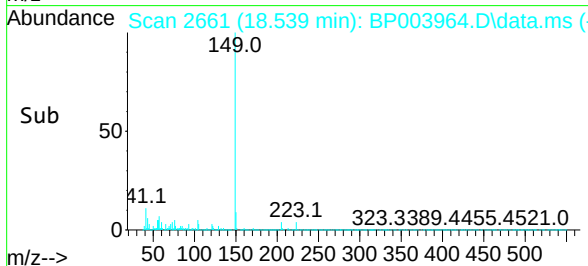
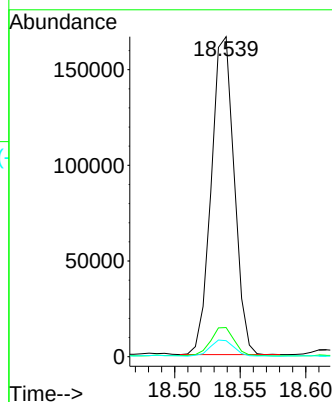
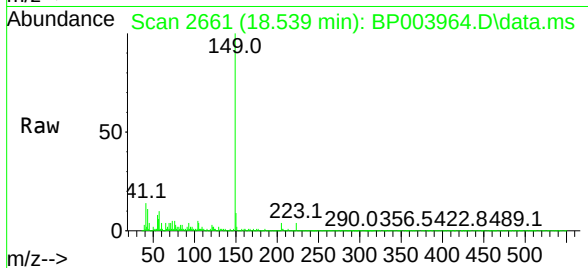




#74
Di-n-butylphthalate
Concen: 5.58 ng
RT: 18.539 min Scan# 2661
Delta R.T. 0.000 min
Lab File: BP003964.D
Acq: 13 Nov 2020 20:40

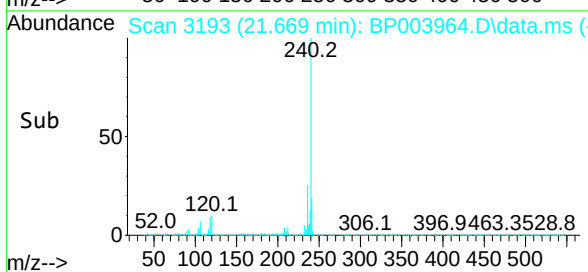
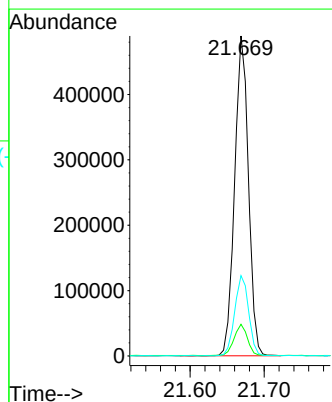
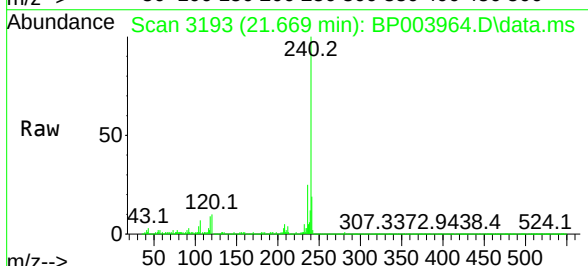
Instrument :
BNA_P
ClientSampleId :
TI-658

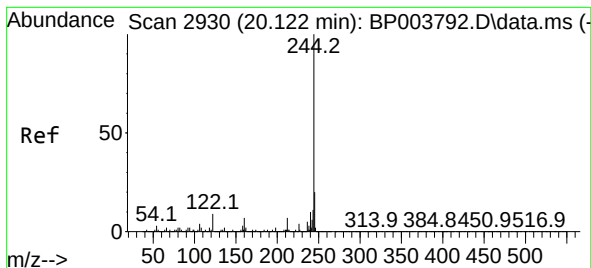
Tgt Ion:149 Resp: 202066
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 5.0 3.4 5.0



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.669 min Scan# 3193
Delta R.T. -0.006 min
Lab File: BP003964.D
Acq: 13 Nov 2020 20:40

Tgt Ion:240 Resp: 631683
Ion Ratio Lower Upper
240 100
120 9.9 7.8 11.6
236 25.1 20.8 31.2

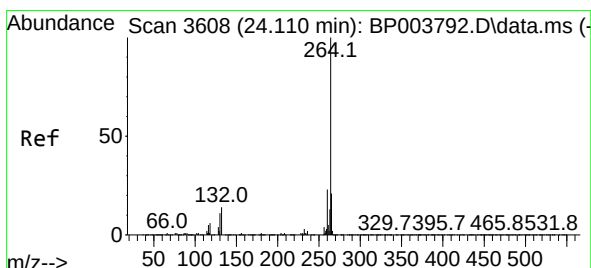
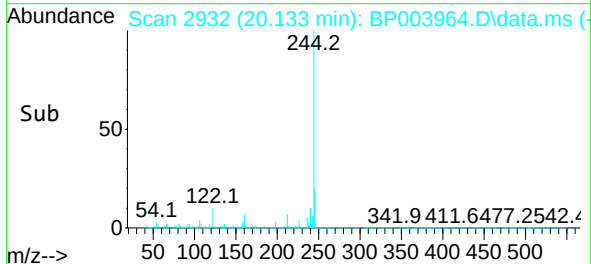
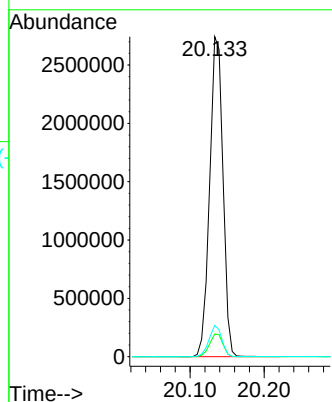
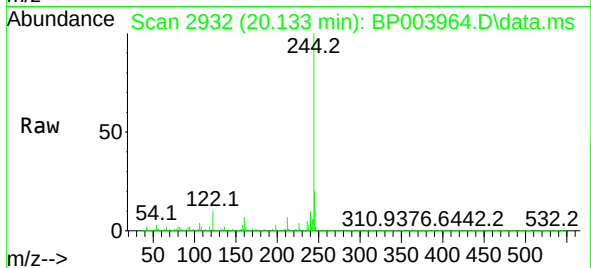




#79
Terphenyl-d14
Concen: 104.48 ng
RT: 20.133 min Scan# 2932
Delta R.T. 0.000 min
Lab File: BP003964.D
Acq: 13 Nov 2020 20:40

Instrument :
BNA_P
ClientSampleId :
TI-658

Tgt Ion:244 Resp: 3416208
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 9.8 7.8 11.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.151 min Scan# 3615
Delta R.T. -0.006 min
Lab File: BP003964.D
Acq: 13 Nov 2020 20:40

Tgt Ion:264 Resp: 663015
Ion Ratio Lower Upper
264 100
260 23.1 18.8 28.2
265 21.7 17.4 26.2

