

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110920\
 Data File : BP003874.D
 Acq On : 09 Nov 2020 18:31
 Operator : CG/JU
 Sample : L4658-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 361-OS

Quant Time: Nov 10 00:23:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 06 11:33:14 2020
 Response via : Initial Calibration

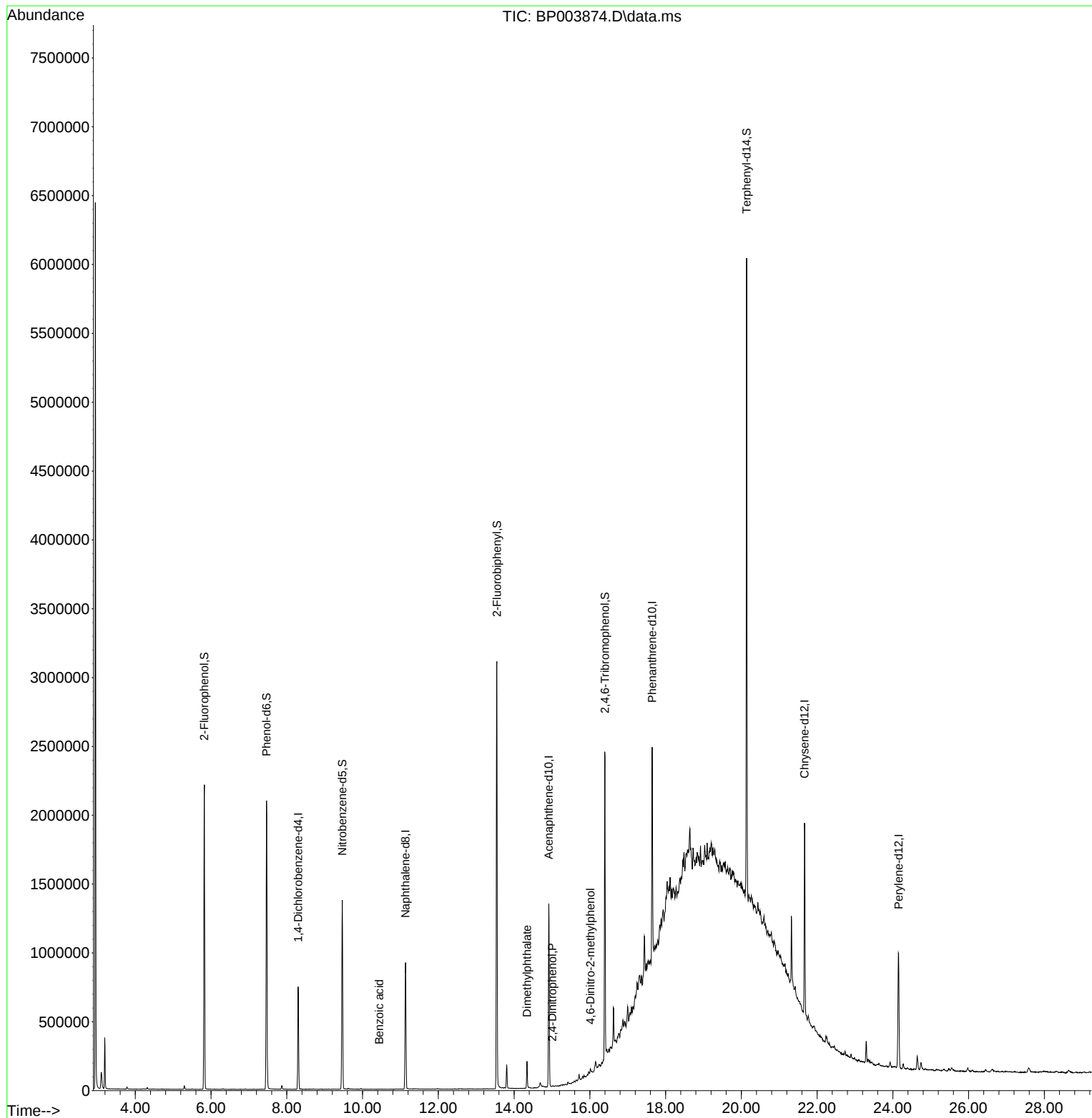
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.298	152	197964	20.00	ng	0.00
21) Naphthalene-d8	11.134	136	746558	20.00	ng	# 0.00
39) Acenaphthene-d10	14.916	164	460933	20.00	ng	0.00
64) Phenanthrene-d10	17.645	188	872919	20.00	ng	# 0.00
76) Chrysene-d12	21.668	240	716516	20.00	ng	0.00
86) Perylene-d12	24.151	264	672841	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.822	112	900992	75.96	ng	0.00
7) Phenol-d6	7.463	99	1160740	68.17	ng	0.00
23) Nitrobenzene-d5	9.463	82	747718	49.05	ng	0.00
42) 2,4,6-Tribromophenol	16.398	330	442979	76.84	ng	0.00
45) 2-Fluorobiphenyl	13.545	172	1670352	50.66	ng	0.00
79) Terphenyl-d14	20.139	244	1929598	52.03	ng	0.00
Target Compounds						
9) Benzaldehyde	7.399	77	257	Below Cal	#	83
32) Benzoic acid	10.440	122	51	8.31	ng	# 1
50) Dimethylphthalate	14.339	163	122744	3.41	ng	97
54) 2,4-Dinitrophenol	15.004	184	28	2.74	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.016	198	198	6.38	ng	# 1

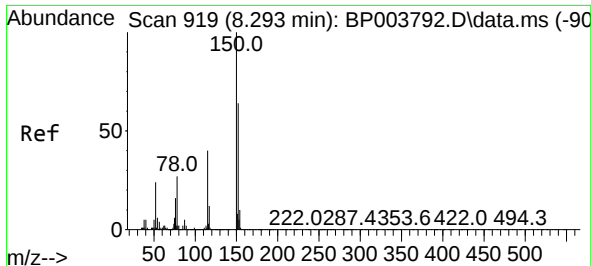
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 06 11:33:14 2020
Response via : Initial Calibration

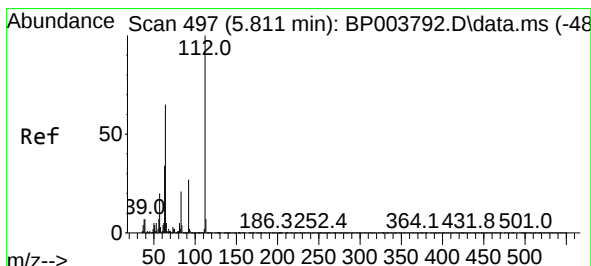
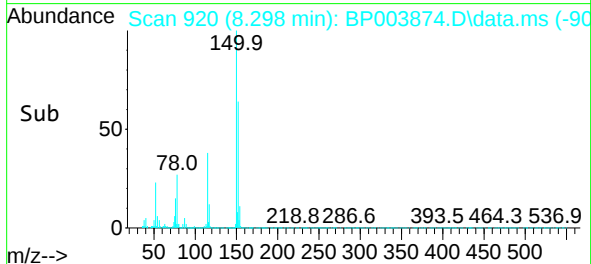
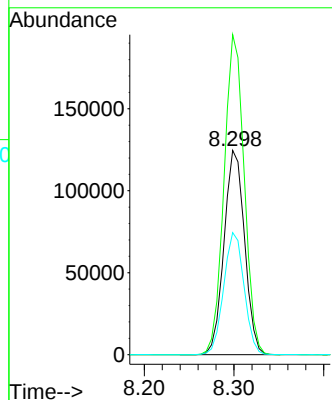
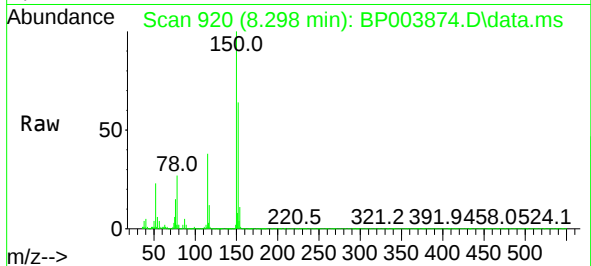




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.298 min Scan# 920
Delta R.T. -0.007 min
Lab File: BP003874.D
Acq: 09 Nov 2020 18:31

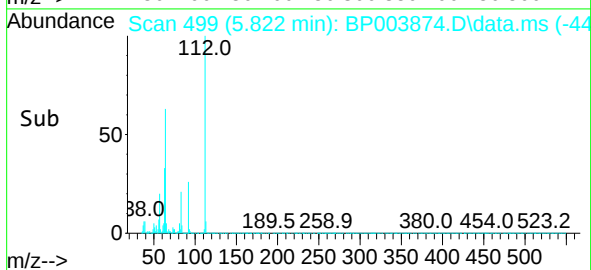
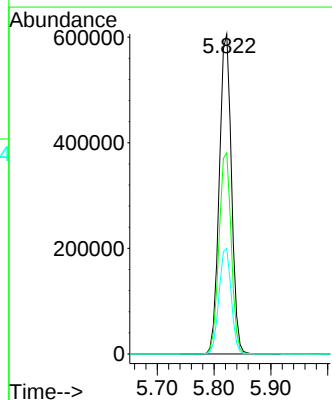
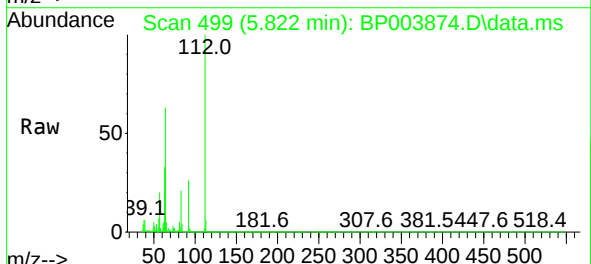
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BNA_P
ClientSampleId :
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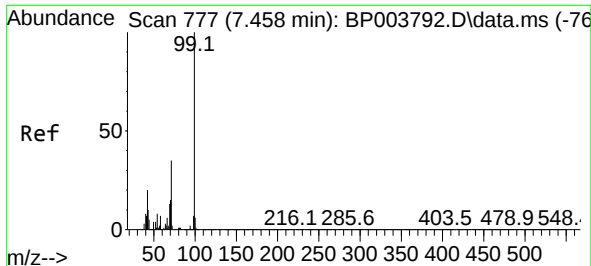
Tgt Ion:152 Resp: 197964
Ion Ratio Lower Upper
152 100
150 156.6 123.8 185.6
115 59.7 43.8 65.6



#5
2-Fluorophenol
Concen: 75.96 ng
RT: 5.822 min Scan# 499
Delta R.T. -0.000 min
Lab File: BP003874.D
Acq: 09 Nov 2020 18:31

Tgt Ion:112 Resp: 900992
Ion Ratio Lower Upper
112 100
64 62.8 32.8 49.2#
63 32.9 17.0 25.4#

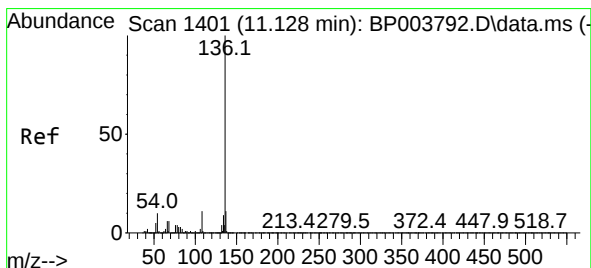
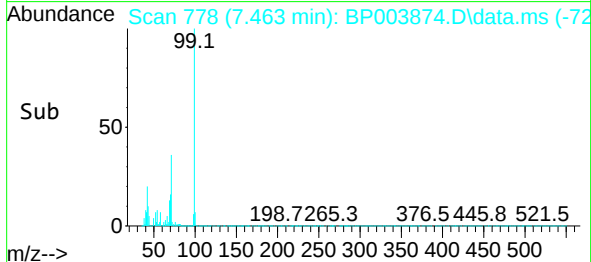
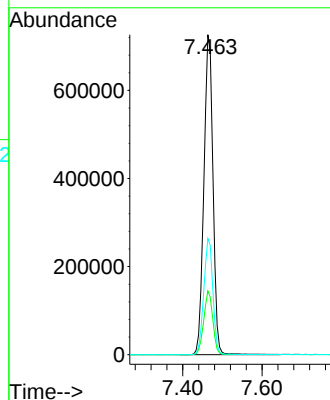
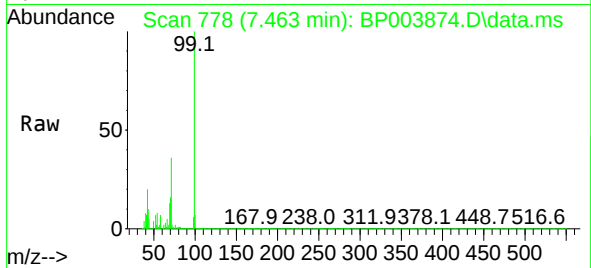




#7
Phenol-d6
Concen: 68.17 ng
RT: 7.463 min Scan# 778
Delta R.T. -0.006 min
Lab File: BP003874.D
Acq: 09 Nov 2020 18:31

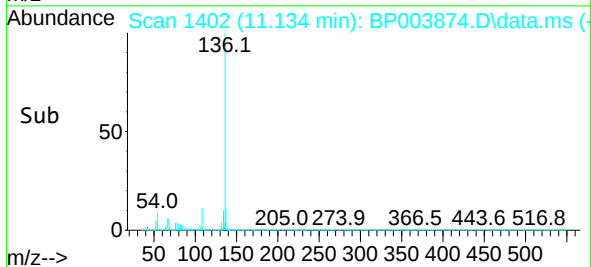
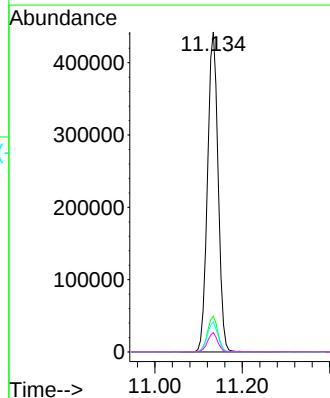
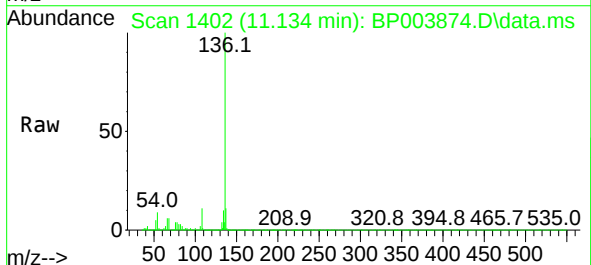
Instrument :
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ClientSampleId :
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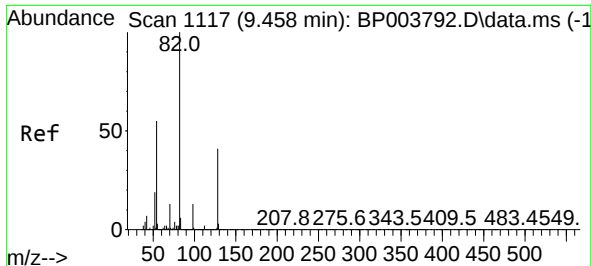
Tgt Ion: 99 Resp: 1160740
Ion Ratio Lower Upper
99 100
42 19.9 8.6 13.0#
71 36.3 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.134 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BP003874.D
Acq: 09 Nov 2020 18:31

Tgt Ion: 136 Resp: 746558
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.4 3.6 5.4#
68 6.1 3.3 4.9#

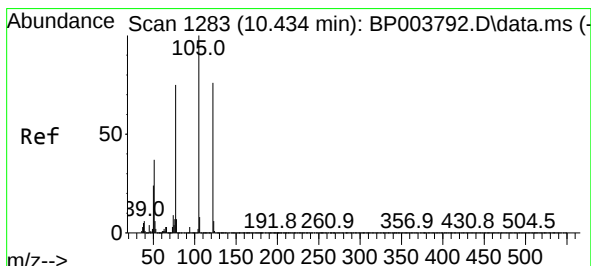
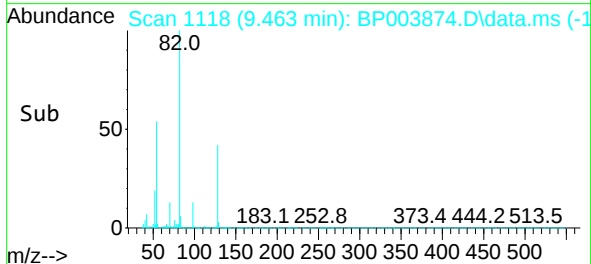
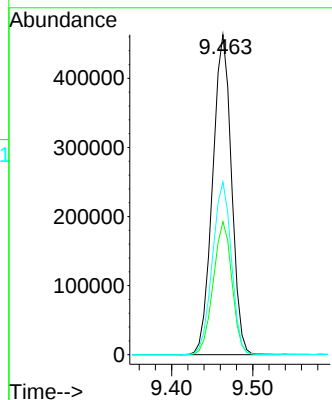
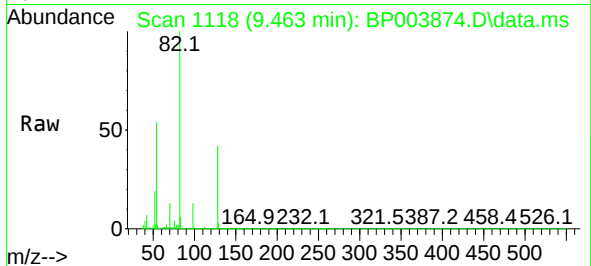




#23
Nitrobenzene-d5
Concen: 49.05 ng
RT: 9.463 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BP003874.D
Acq: 09 Nov 2020 18:31

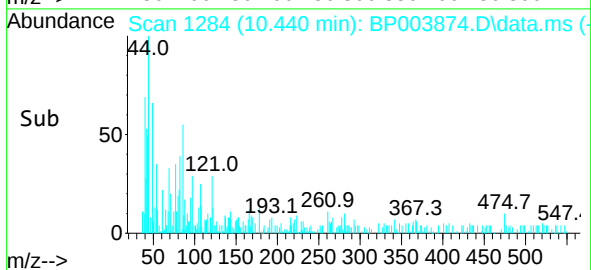
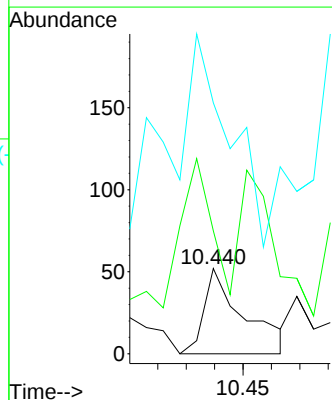
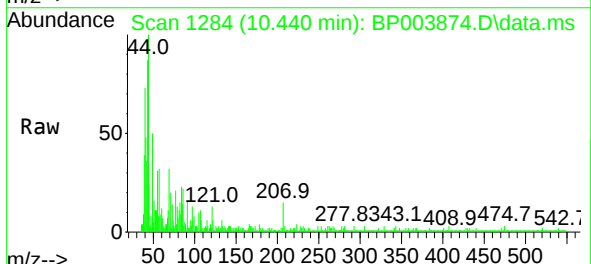
Instrument :
BNA_P
ClientSampled :
361-OS

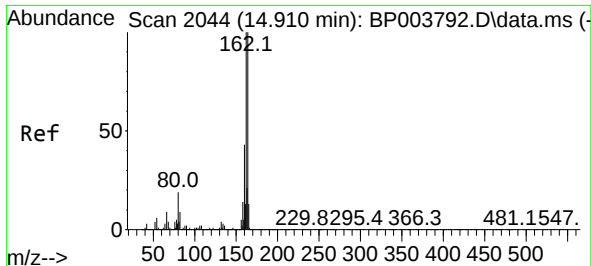
Tgt Ion: 82 Resp: 747718
Ion Ratio Lower Upper
82 100
128 41.6 45.6 68.4#
54 54.0 30.1 45.1#



#32
Benzoic acid
Concen: 8.31 ng
RT: 10.440 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BP003874.D
Acq: 09 Nov 2020 18:31

Tgt Ion: 122 Resp: 51
Ion Ratio Lower Upper
122 100
105 144.2 94.1 134.1#
77 294.2 50.1 90.1#

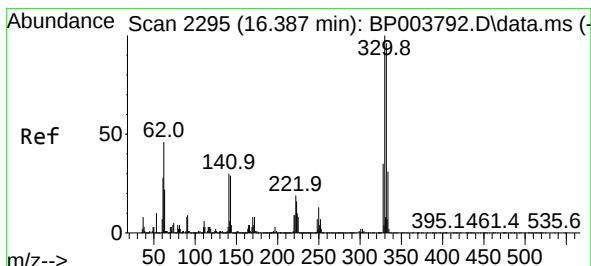
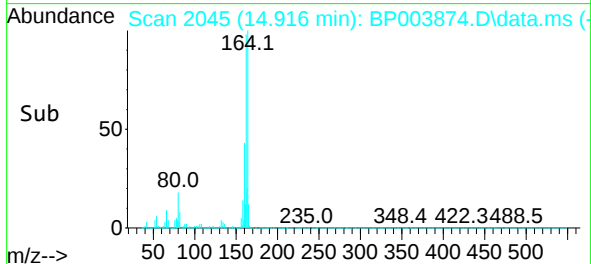
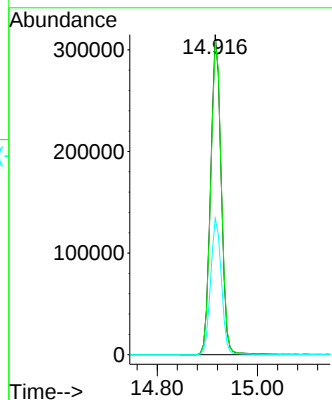
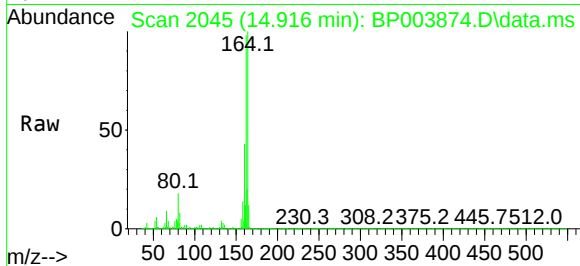




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.916 min Scan# 2045
Delta R.T. -0.000 min
Lab File: BP003874.D
Acq: 09 Nov 2020 18:31

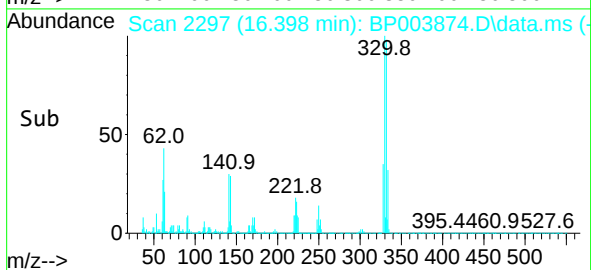
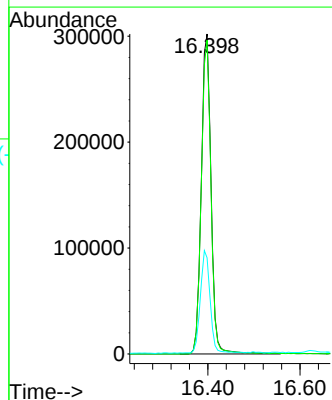
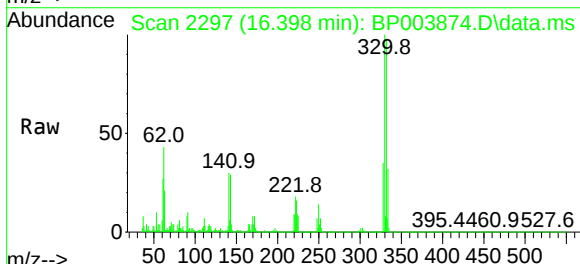
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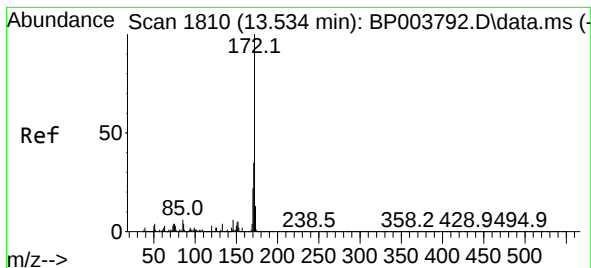
Tgt Ion:164 Resp: 460933
Ion Ratio Lower Upper
164 100
162 98.0 79.4 119.2
160 42.6 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 76.84 ng
RT: 16.398 min Scan# 2297
Delta R.T. -0.000 min
Lab File: BP003874.D
Acq: 09 Nov 2020 18:31

Tgt Ion:330 Resp: 442979
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 32.3 23.4 35.2

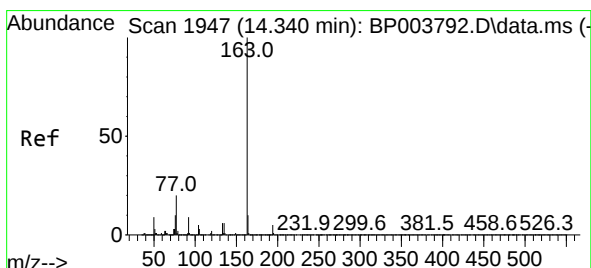
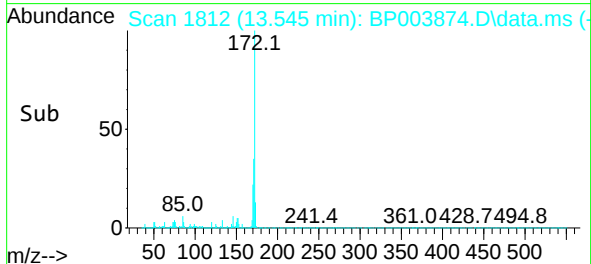
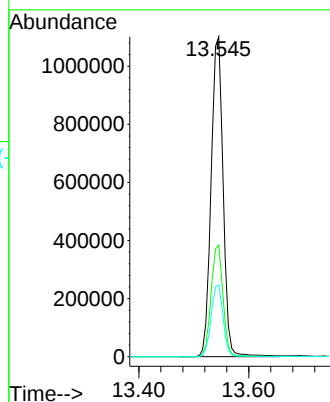
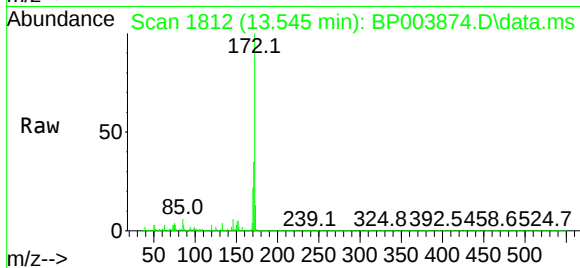




#45
2-Fluorobiphenyl
Concen: 50.66 ng
RT: 13.545 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BP003874.D
Acq: 09 Nov 2020 18:31

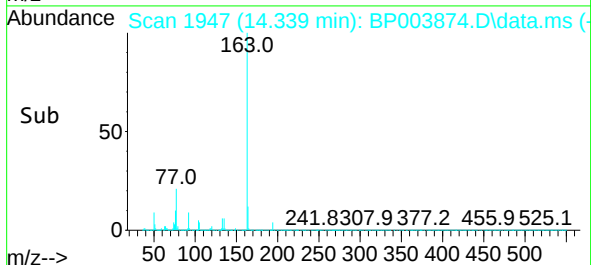
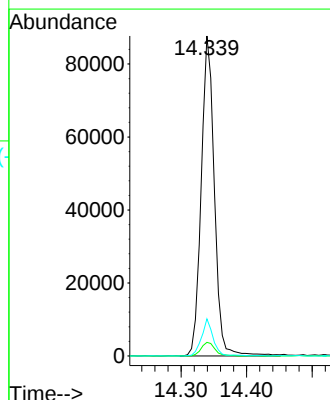
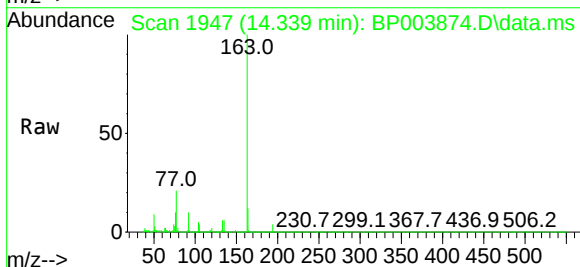
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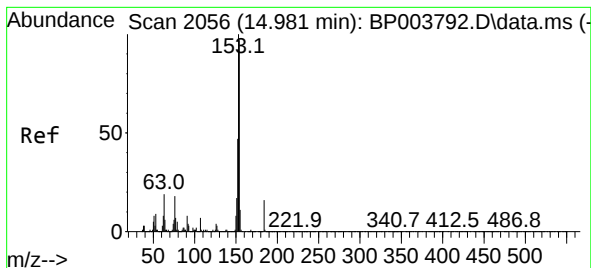
Tgt Ion:172 Resp: 1670352
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 22.5 19.2 28.8



#50
Dimethylphthalate
Concen: 3.41 ng
RT: 14.339 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP003874.D
Acq: 09 Nov 2020 18:31

Tgt Ion:163 Resp: 122744
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 11.6 8.2 12.2

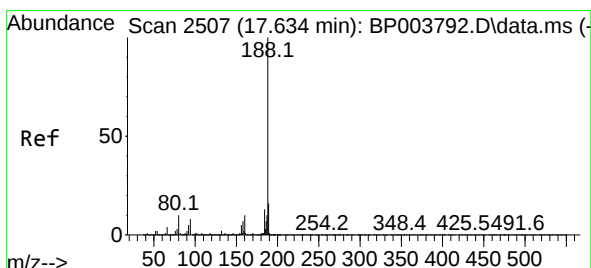
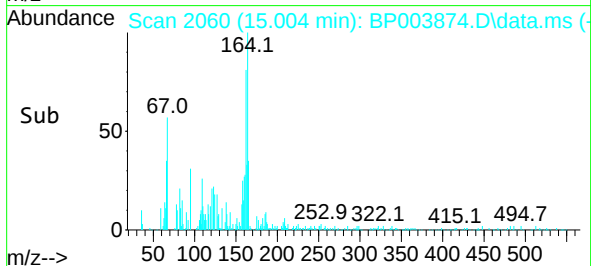
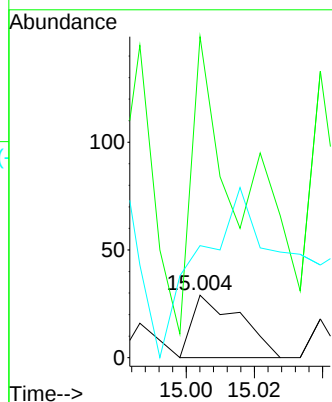
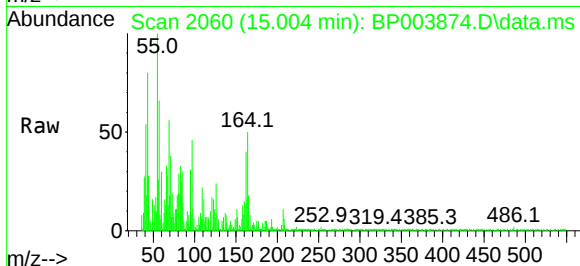




#54
2,4-Dinitrophenol
Concen: 2.74 ng
RT: 15.004 min Scan# 2060
Delta R.T. 0.006 min
Lab File: BP003874.D
Acq: 09 Nov 2020 18:31

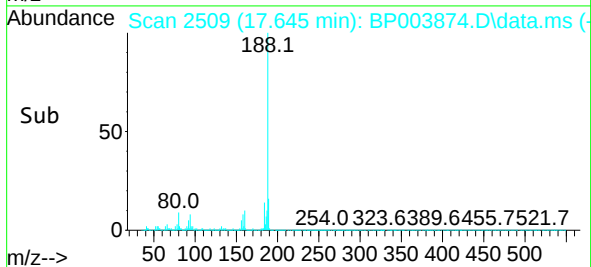
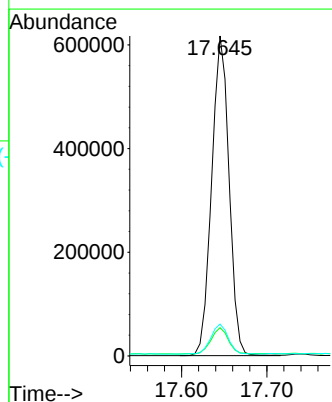
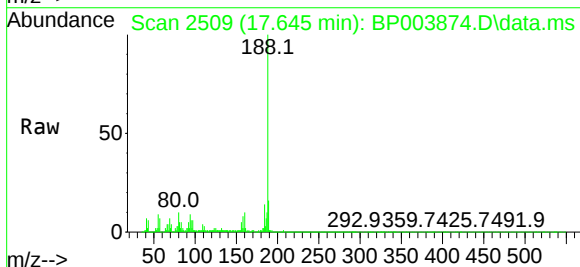
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ClientSampled :
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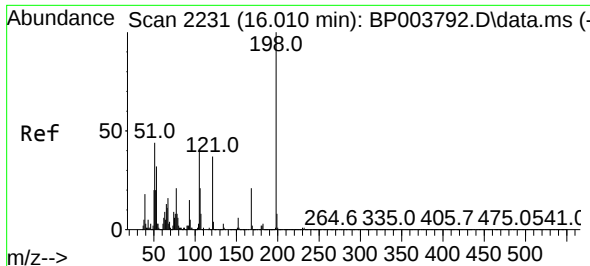
Tgt Ion:184 Resp: 28
Ion Ratio Lower Upper
184 100
63 513.8 32.3 48.5#
154 179.3 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.645 min Scan# 2509
Delta R.T. -0.000 min
Lab File: BP003874.D
Acq: 09 Nov 2020 18:31

Tgt Ion:188 Resp: 872919
Ion Ratio Lower Upper
188 100
94 8.9 6.2 9.2
80 10.0 6.2 9.2#

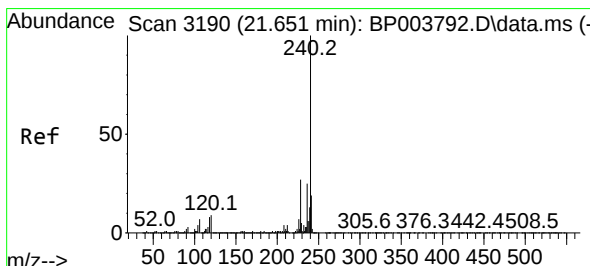
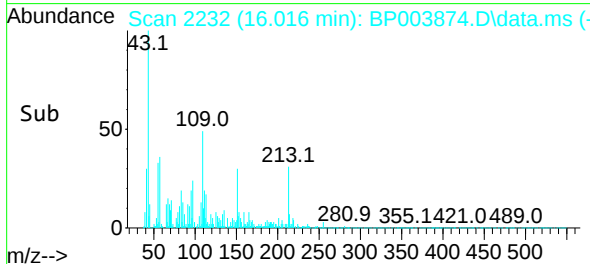
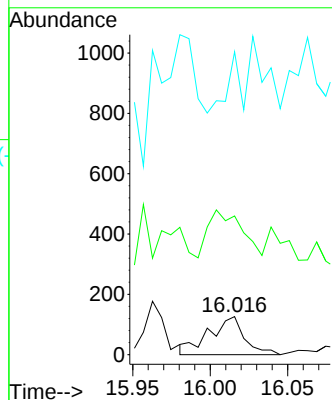
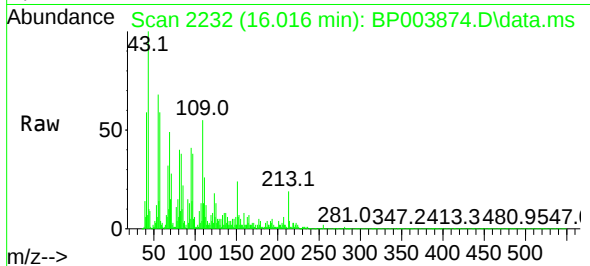




#65
4,6-Dinitro-2-methylphenol
Concen: 6.38 ng
RT: 16.016 min Scan# 2232
Delta R.T. -0.006 min
Lab File: BP003874.D
Acq: 09 Nov 2020 18:31

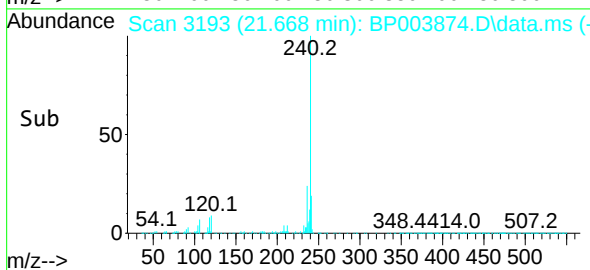
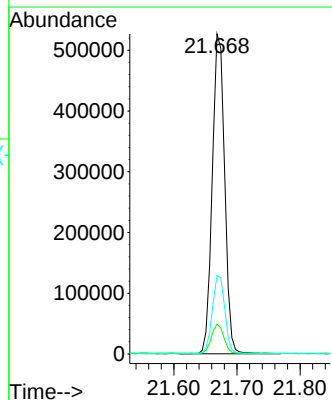
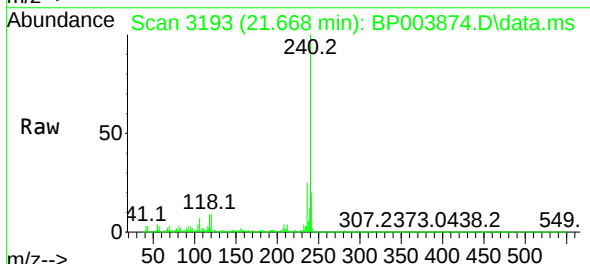
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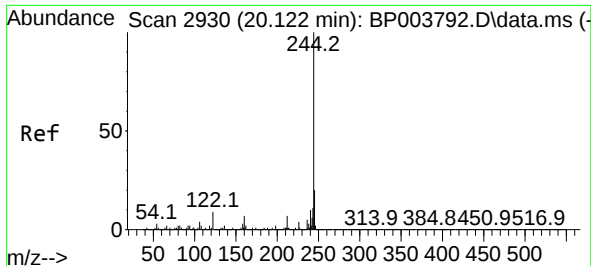
Tgt Ion:198 Resp: 198
Ion Ratio Lower Upper
198 100
51 365.1 6.4 46.4#
105 796.8 18.9 58.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.668 min Scan# 3193
Delta R.T. -0.000 min
Lab File: BP003874.D
Acq: 09 Nov 2020 18:31

Tgt Ion:240 Resp: 716516
Ion Ratio Lower Upper
240 100
120 9.3 7.8 11.6
236 24.5 20.8 31.2

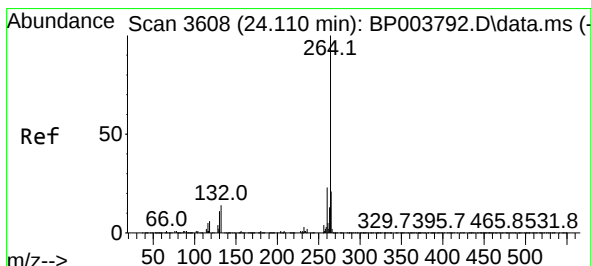
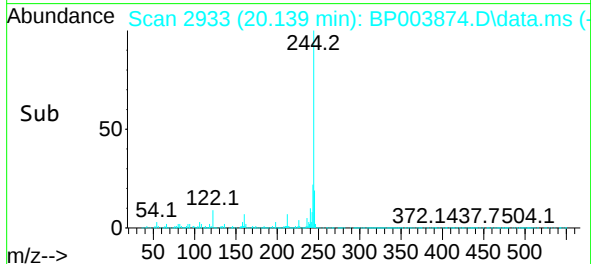
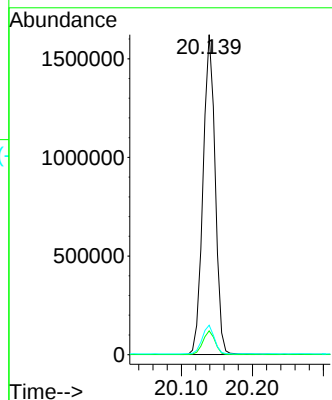
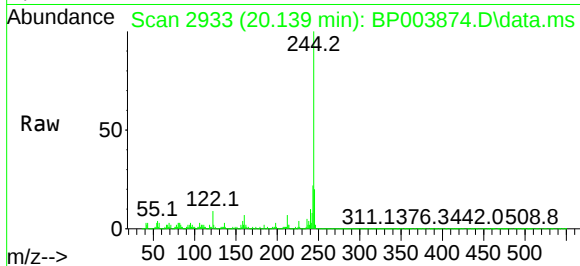




#79
Terphenyl-d14
Concen: 52.03 ng
RT: 20.139 min Scan# 2933
Delta R.T. 0.006 min
Lab File: BP003874.D
Acq: 09 Nov 2020 18:31

Instrument :
BNA_P
ClientSampleId :
361-OS

Tgt Ion:244 Resp: 1929598
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 9.2 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: BP003874.D
Acq: 09 Nov 2020 18:31

Tgt Ion:264 Resp: 672841
Ion Ratio Lower Upper
264 100
260 22.8 18.8 28.2
265 22.2 17.4 26.2

