

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
 Data File : BP004023.D
 Acq On : 20 Nov 2020 14:07
 Operator : CG/JU
 Sample : L4779-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 1623

Quant Time: Nov 20 15:13:15 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 20 12:19:10 2020
 Response via : Initial Calibration

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

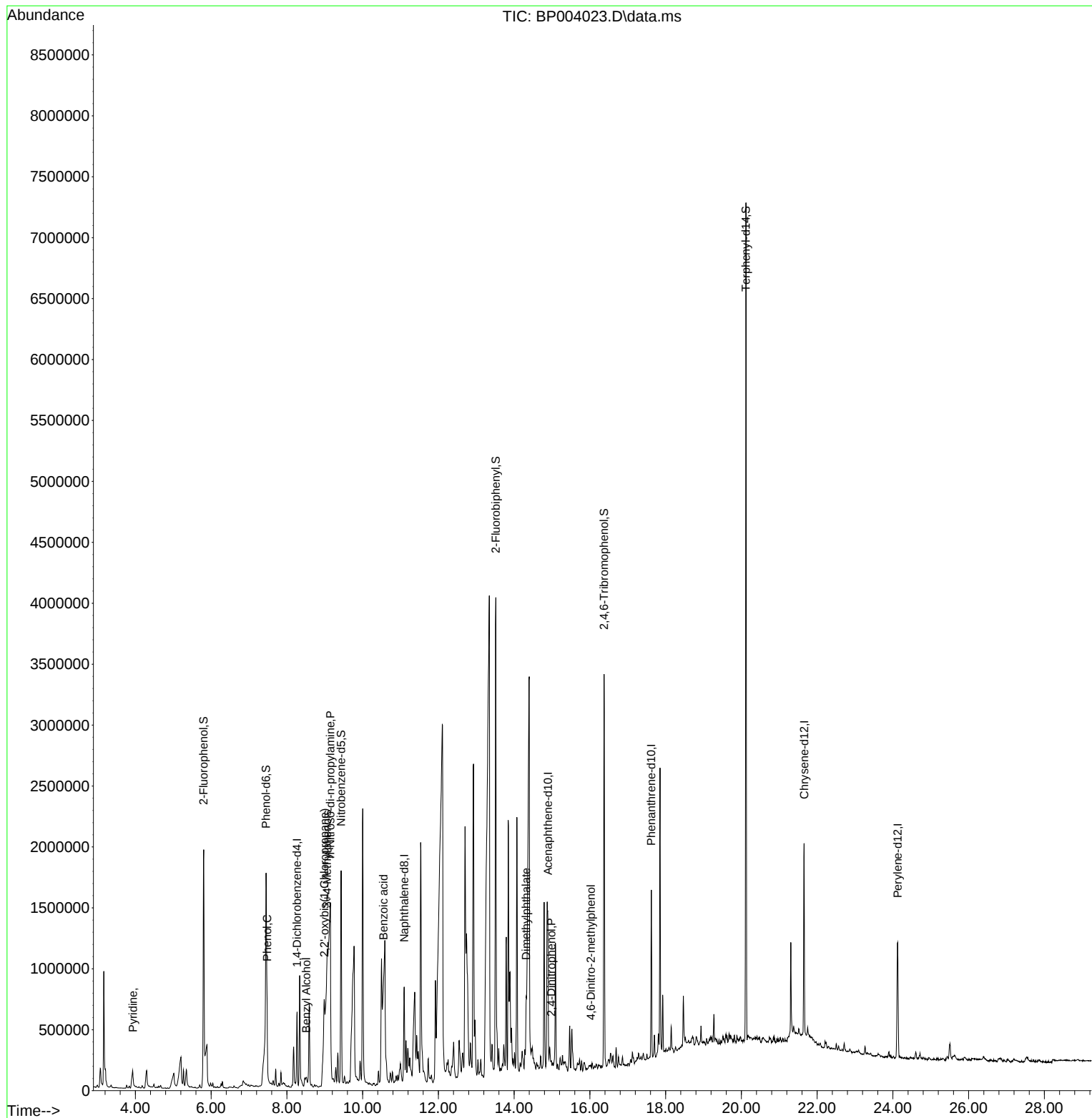
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	160784	20.00	ng	0.00
21) Naphthalene-d8	11.098	136	611921	20.00	ng	# 0.00
39) Acenaphthene-d10	14.892	164	370946	20.00	ng	0.00
64) Phenanthrene-d10	17.621	188	786708	20.00	ng	# 0.00
76) Chrysene-d12	21.656	240	772942	20.00	ng	0.00
86) Perylene-d12	24.127	264	783648	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.804	112	760305	78.92	ng	0.00
7) Phenol-d6	7.451	99	733149	53.01	ng	0.00
23) Nitrobenzene-d5	9.434	82	970405	77.67	ng	0.00
42) 2,4,6-Tribromophenol	16.374	330	615487	132.66	ng	0.00
45) 2-Fluorobiphenyl	13.516	172	1956430	73.73	ng	0.00
79) Terphenyl-d14	20.121	244	2868107	71.69	ng	0.00
Target Compounds						
						Qvalue
3) Pyridine	3.940	79	24448	2.01	ng	# 60
9) Benzaldehyde	7.369	77	974	Below Cal		# 79
10) Phenol	7.481	94	57924	4.34	ng	76
15) Benzyl Alcohol	8.510	79	19931	2.08	ng	# 85
16) 2,2'-oxybis(1-Chloropr...	8.992	45	88146	4.88	ng	64
19) n-Nitroso-di-n-propyla...	9.151	70	306841	37.12	ng	# 18
20) 3+4-Methylphenols	9.063	107	82103	7.02	ng	92
32) Benzoic acid	10.551	122	34397	13.32	ng	# 78
50) Dimethylphthalate	14.316	163	213710	7.37	ng	100
54) 2,4-Dinitrophenol	14.980	184	302	2.87	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.027	198	109	6.36	ng	# 1

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

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Response via : Initial Calibration

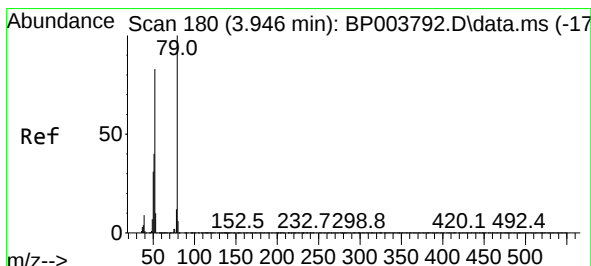
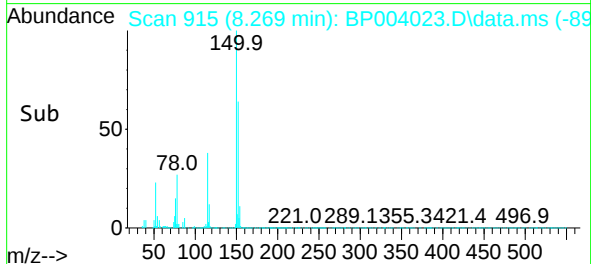
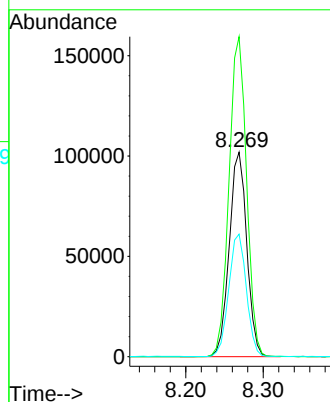
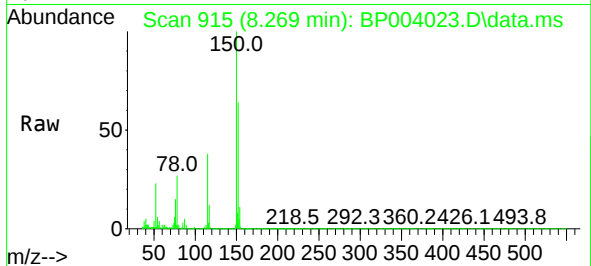




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. -0.000 min
Lab File: BP004023.D
Acq: 20 Nov 2020 14:07

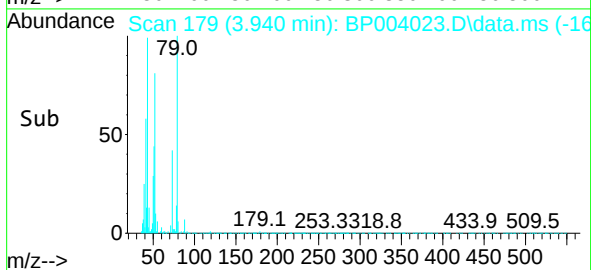
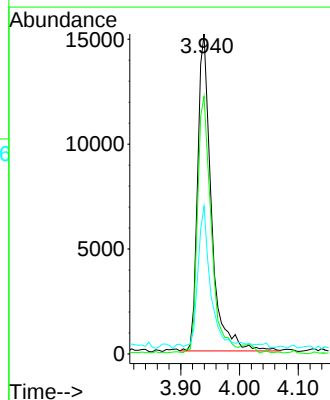
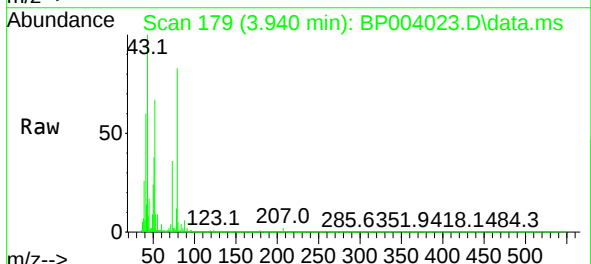
Instrument :
BNA_P
ClientSampleId :
1623

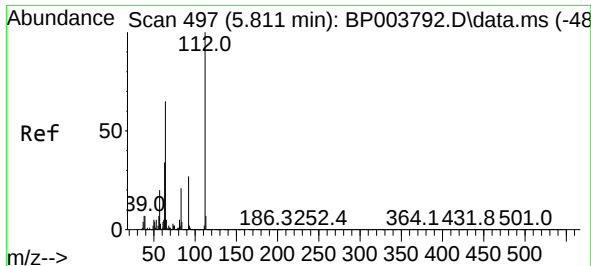
Tgt Ion:152 Resp: 160784
Ion Ratio Lower Upper
152 100
150 156.4 123.8 185.6
115 59.9 43.8 65.6



#3
Pyridine
Concen: 2.01 ng
RT: 3.940 min Scan# 179
Delta R.T. 0.011 min
Lab File: BP004023.D
Acq: 20 Nov 2020 14:07

Tgt Ion: 79 Resp: 24448
Ion Ratio Lower Upper
79 100
52 80.5 41.3 61.9#
51 46.1 21.2 31.8#

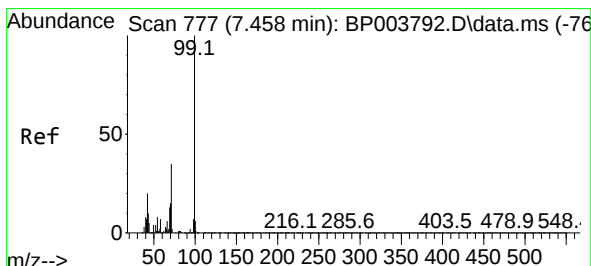
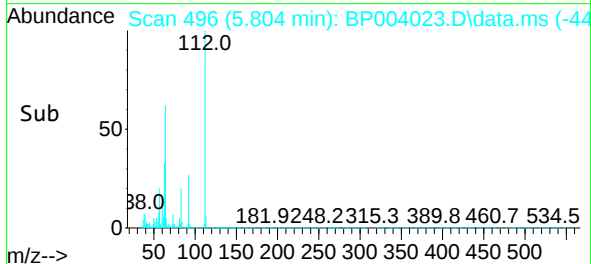
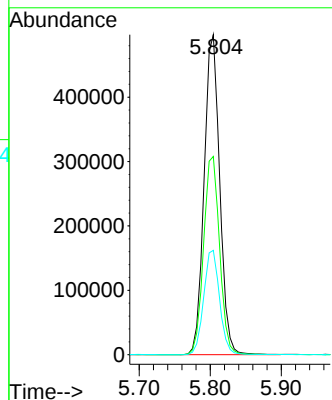
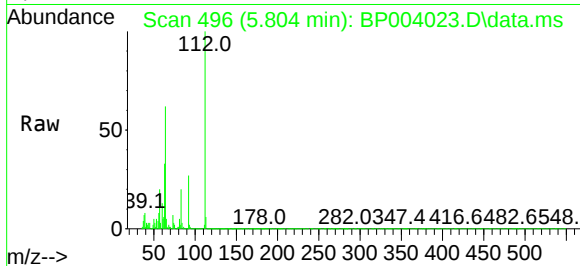




#5
2-Fluorophenol
Concen: 78.92 ng
RT: 5.804 min Scan# 496
Delta R.T. 0.006 min
Lab File: BP004023.D
Acq: 20 Nov 2020 14:07

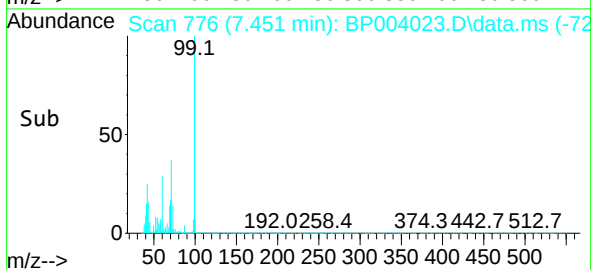
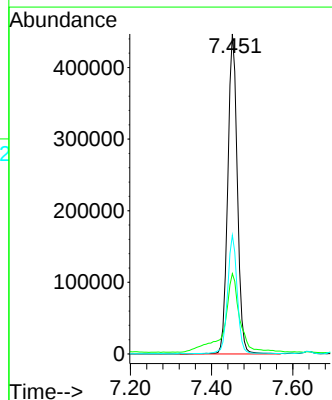
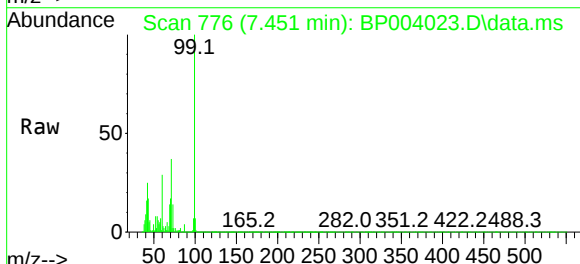
Instrument :
BNA_P
ClientSampleId :
1623

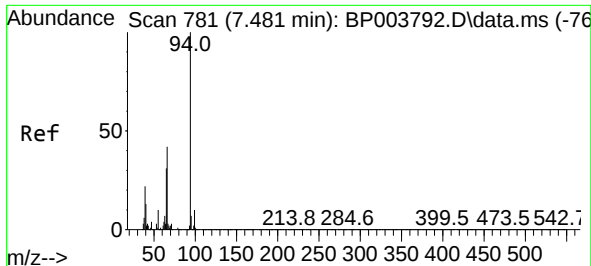
Tgt Ion:112 Resp: 760305
Ion Ratio Lower Upper
112 100
64 62.0 32.8 49.2#
63 32.6 17.0 25.4#



#7
Phenol-d6
Concen: 53.01 ng
RT: 7.451 min Scan# 776
Delta R.T. -0.006 min
Lab File: BP004023.D
Acq: 20 Nov 2020 14:07

Tgt Ion: 99 Resp: 733149
Ion Ratio Lower Upper
99 100
42 25.1 8.6 13.0#
71 37.1 23.4 35.2#

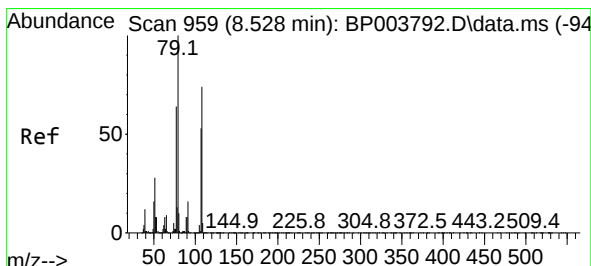
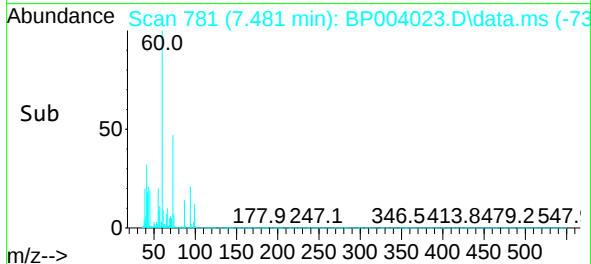
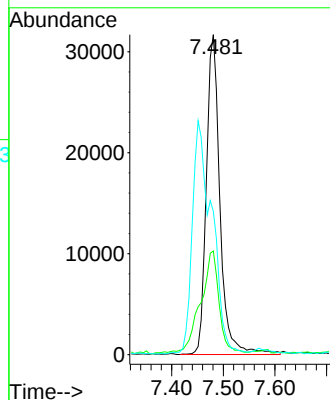
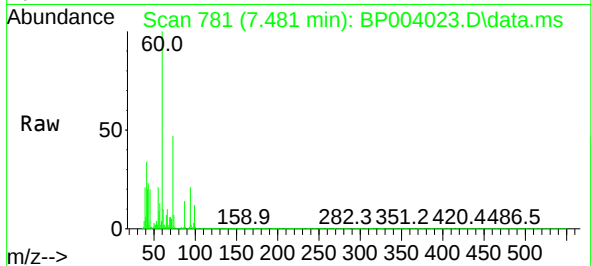




#10
Phenol
Concen: 4.34 ng
RT: 7.481 min Scan# 781
Delta R.T. -0.000 min
Lab File: BP004023.D
Acq: 20 Nov 2020 14:07

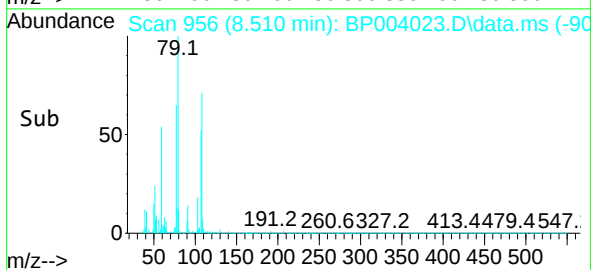
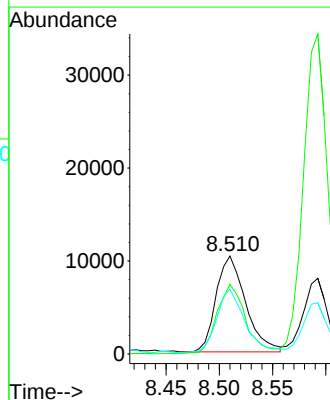
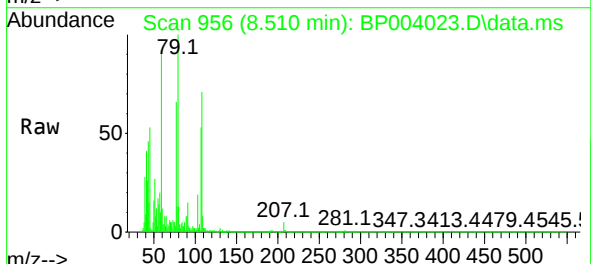
Instrument :
BNA_P
ClientSampleId :
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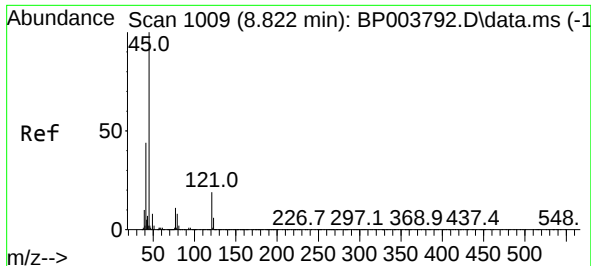
Tgt Ion:	94	Resp:	57924
Ion	Ratio	Lower	Upper
94	100		
65	32.4	2.3	42.3
66	44.9	10.9	50.9



#15
Benzyl Alcohol
Concen: 2.08 ng
RT: 8.510 min Scan# 956
Delta R.T. -0.000 min
Lab File: BP004023.D
Acq: 20 Nov 2020 14:07

Tgt Ion:	79	Resp:	19931
Ion	Ratio	Lower	Upper
79	100		
108	71.0	73.5	110.3#
77	66.1	50.3	75.5

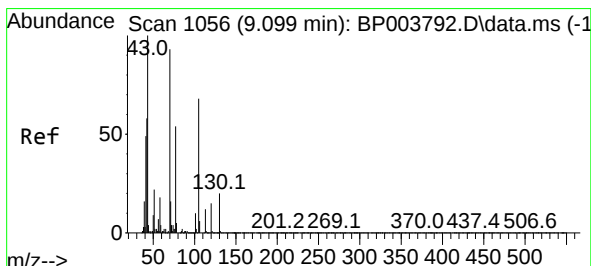
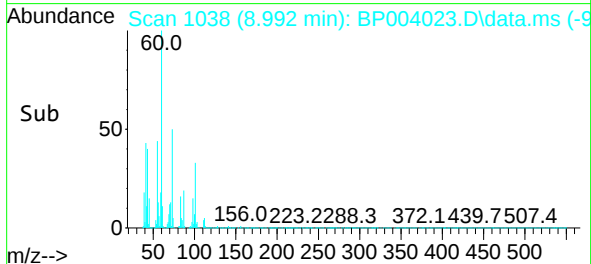
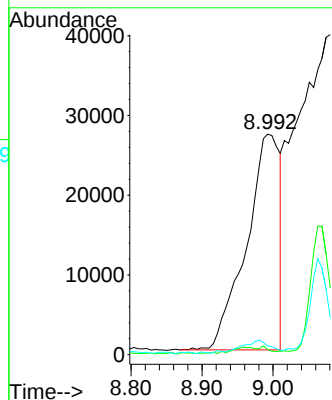
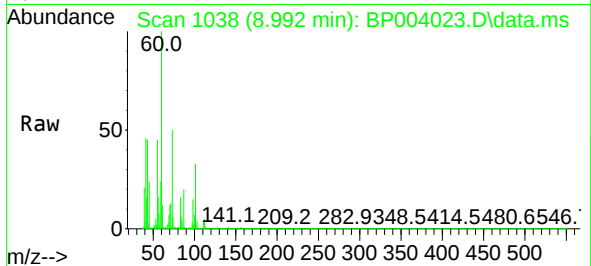




#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.88 ng
RT: 8.992 min Scan# 1038
Delta R.T. 0.194 min
Lab File: BP004023.D
Acq: 20 Nov 2020 14:07

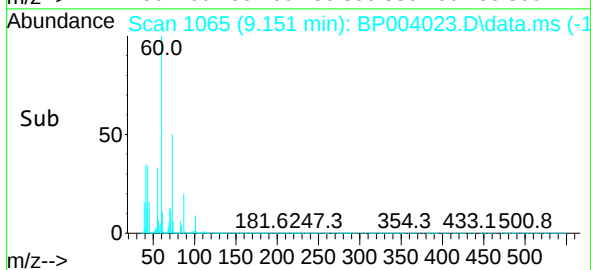
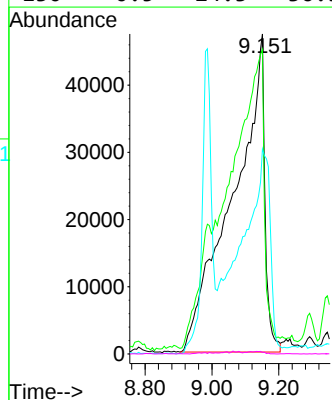
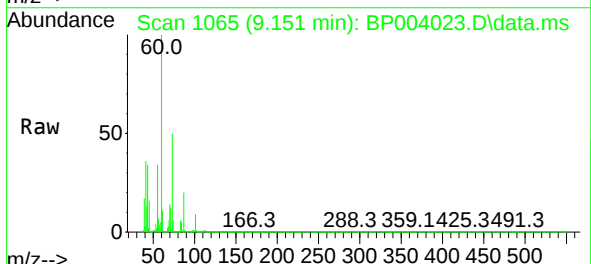
Instrument :
BNA_P
ClientSampled :
1623

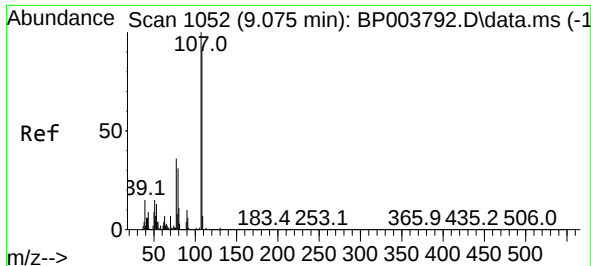
Tgt Ion: 45 Resp: 88146
Ion Ratio Lower Upper
45 100
77 2.5 2.3 42.3
79 4.0 0.0 36.6



#19
n-Nitroso-di-n-propylamine
Concen: 37.12 ng
RT: 9.151 min Scan# 1065
Delta R.T. 0.070 min
Lab File: BP004023.D
Acq: 20 Nov 2020 14:07

Tgt Ion: 70 Resp: 306841
Ion Ratio Lower Upper
70 100
42 95.2 32.8 49.2#
101 64.1 9.6 14.4#
130 0.5 24.3 36.5#

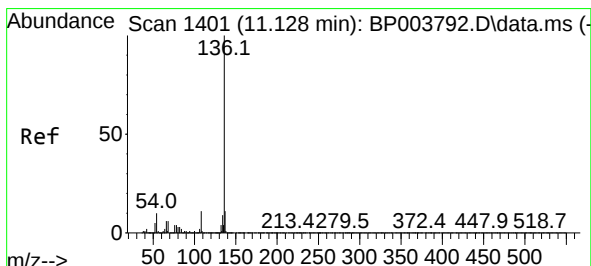
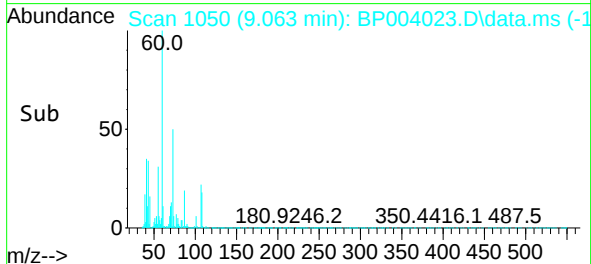
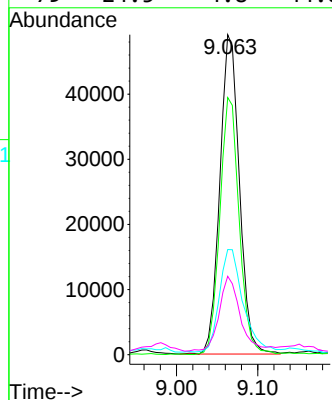
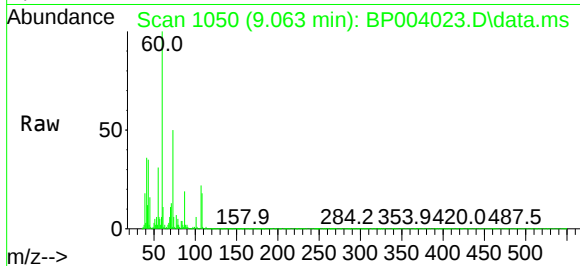




#20
3+4-Methylphenols
Concen: 7.02 ng
RT: 9.063 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BP004023.D
Acq: 20 Nov 2020 14:07

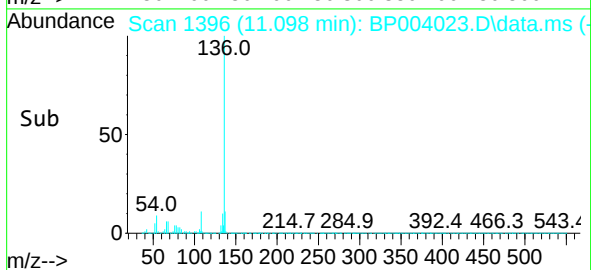
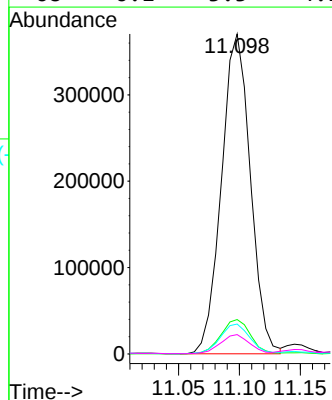
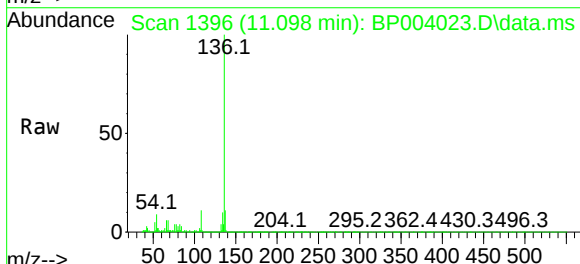
Instrument :
BNA_P
ClientSampleId :
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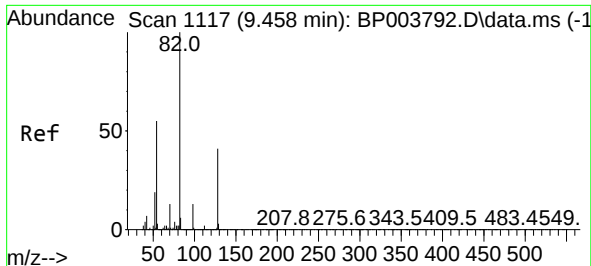
Tgt Ion:107	Resp:	82103
Ion Ratio	Lower	Upper
107	100	
108	80.3	69.0 109.0
77	32.8	8.5 48.5
79	24.5	4.8 44.8



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.098 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BP004023.D
Acq: 20 Nov 2020 14:07

Tgt Ion:136	Resp:	611921
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.6 13.0
54	9.3	3.6 5.4#
68	6.1	3.3 4.9#

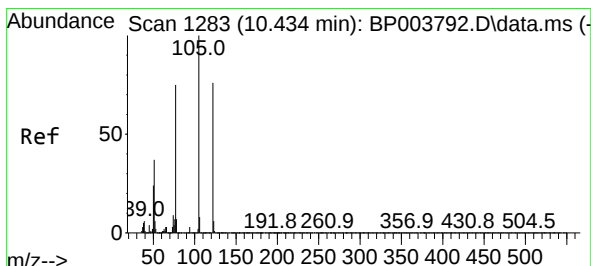
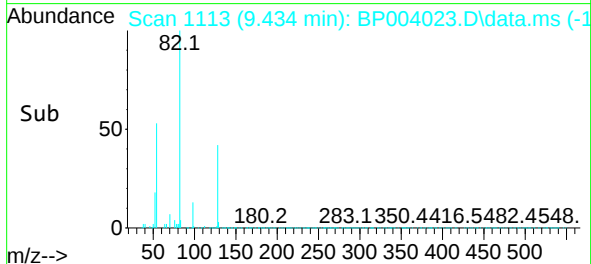
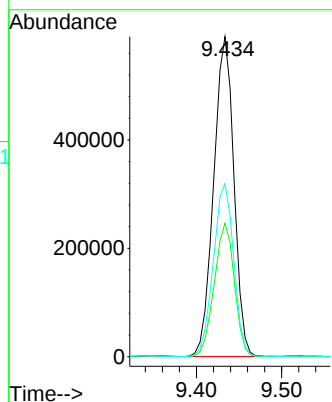
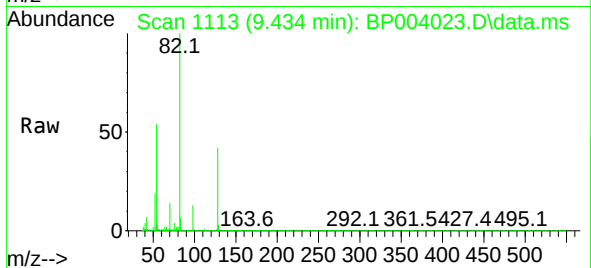




#23
Nitrobenzene-d5
Concen: 77.67 ng
RT: 9.434 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BP004023.D
Acq: 20 Nov 2020 14:07

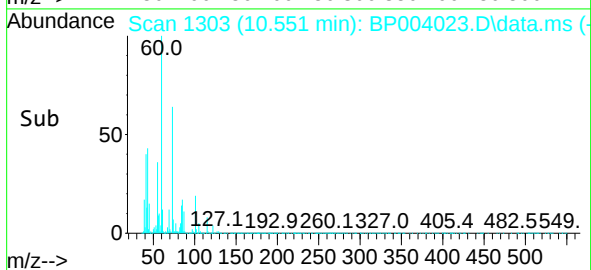
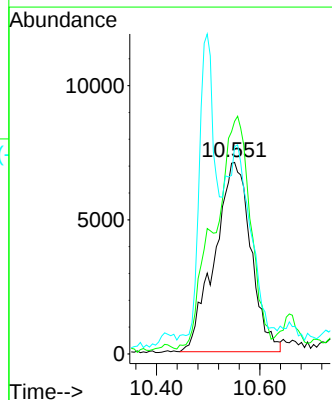
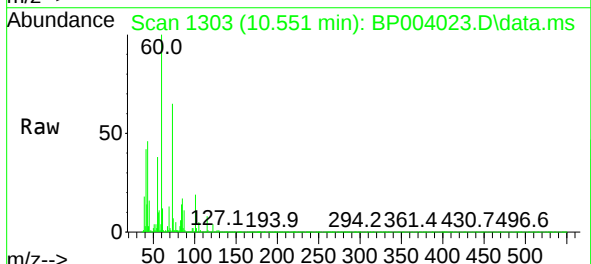
Instrument :
BNA_P
ClientSampleId :
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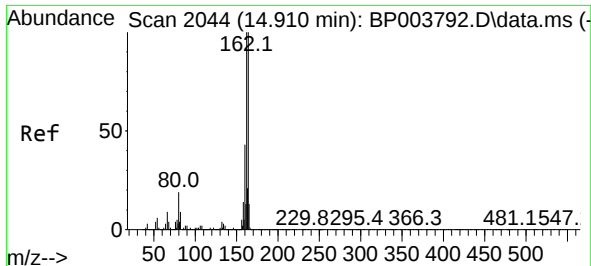
Tgt Ion: 82 Resp: 970405
Ion Ratio Lower Upper
82 100
128 41.7 45.6 68.4#
54 54.1 30.1 45.1#



#32
Benzoic acid
Concen: 13.32 ng
RT: 10.551 min Scan# 1303
Delta R.T. 0.088 min
Lab File: BP004023.D
Acq: 20 Nov 2020 14:07

Tgt Ion: 122 Resp: 34397
Ion Ratio Lower Upper
122 100
105 121.5 94.1 134.1
77 108.3 50.1 90.1#

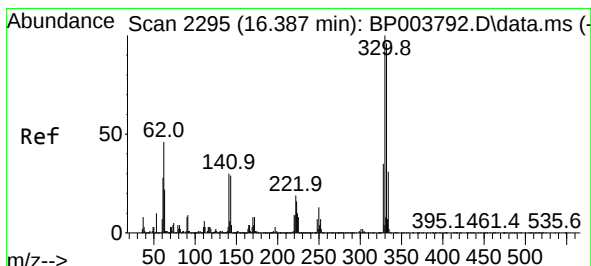
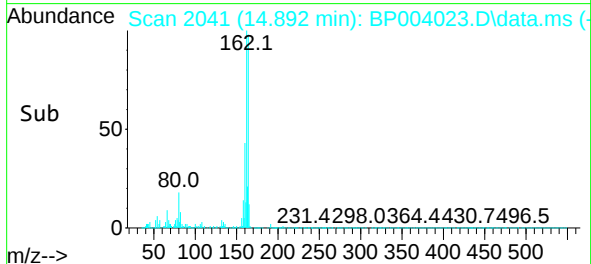
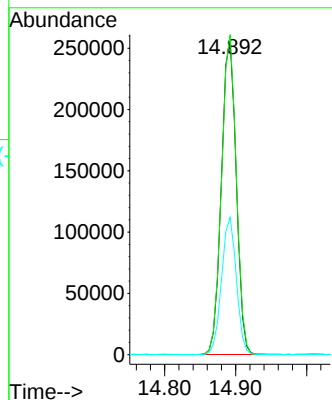
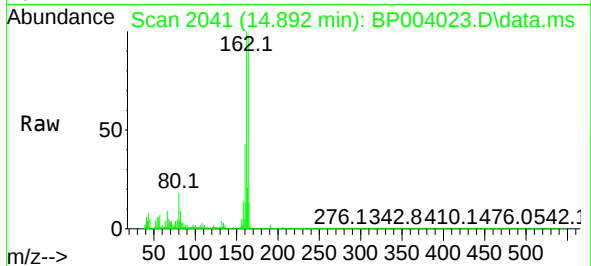




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.892 min Scan# 2041
Delta R.T. -0.000 min
Lab File: BP004023.D
Acq: 20 Nov 2020 14:07

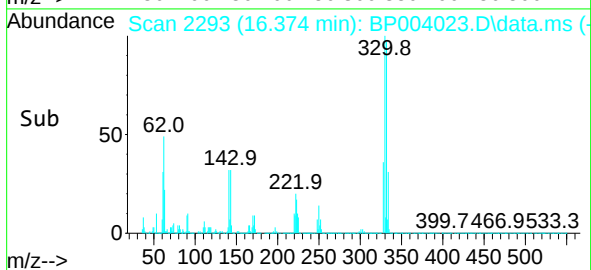
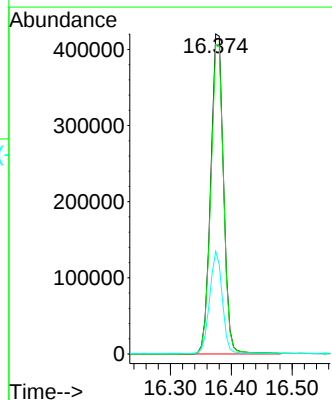
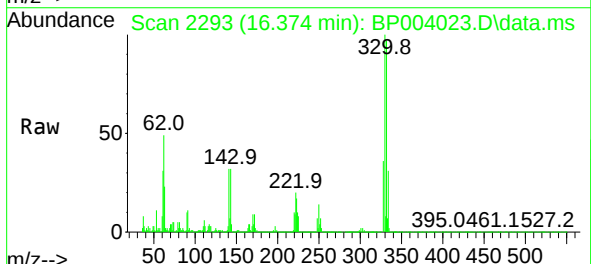
Instrument :
BNA_P
ClientSampled :
1623

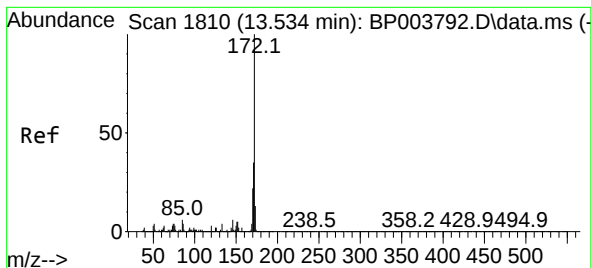
Tgt Ion:164 Resp: 370946
Ion Ratio Lower Upper
164 100
162 101.6 79.4 119.2
160 43.6 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 132.66 ng
RT: 16.374 min Scan# 2293
Delta R.T. -0.000 min
Lab File: BP004023.D
Acq: 20 Nov 2020 14:07

Tgt Ion:330 Resp: 615487
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 31.6 23.4 35.2

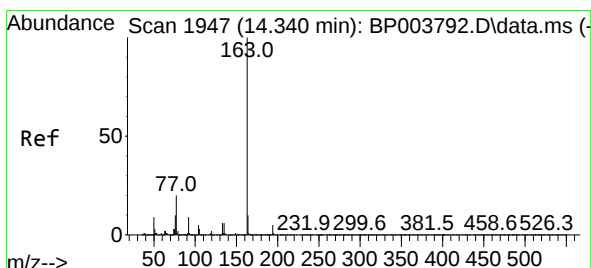
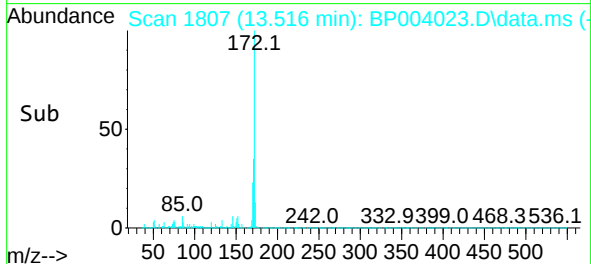
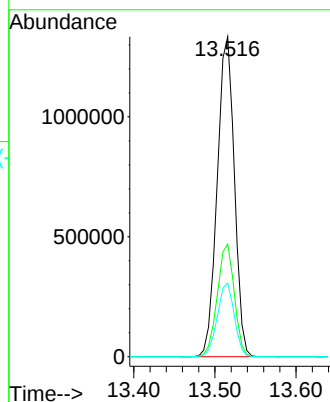
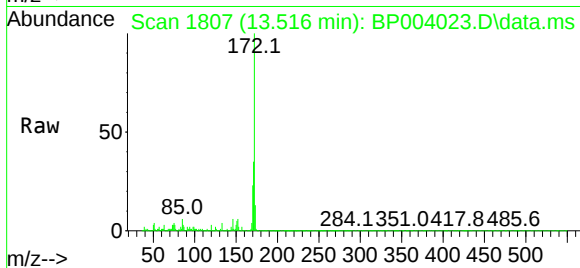




#45
2-Fluorobiphenyl
Concen: 73.73 ng
RT: 13.516 min Scan# 1807
Delta R.T. -0.000 min
Lab File: BP004023.D
Acq: 20 Nov 2020 14:07

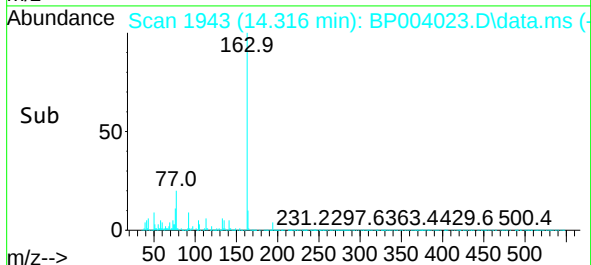
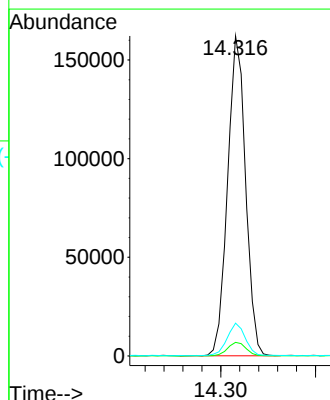
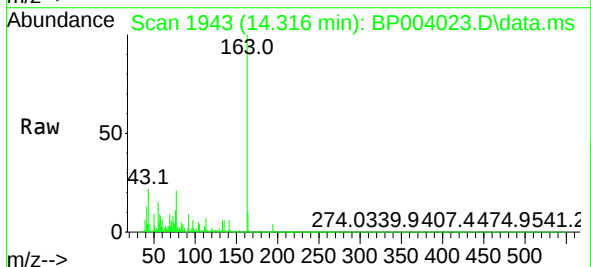
Instrument :
BNA_P
ClientSampleId :
1623

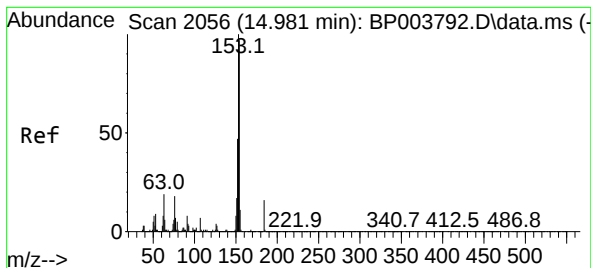
Tgt Ion:172 Resp: 1956430
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.1 19.2 28.8



#50
Dimethylphthalate
Concen: 7.37 ng
RT: 14.316 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP004023.D
Acq: 20 Nov 2020 14:07

Tgt Ion:163 Resp: 213710
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.2 8.2 12.2

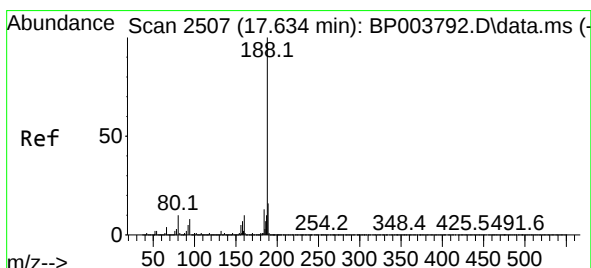
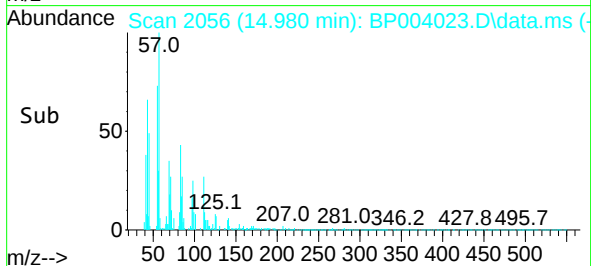
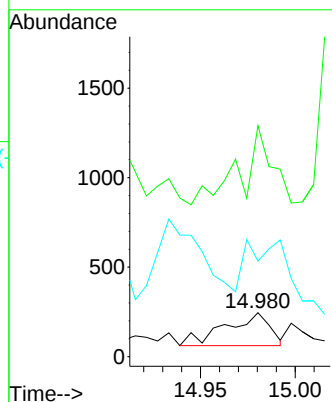
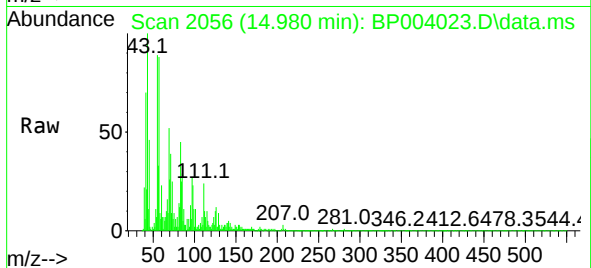




#54
2,4-Dinitrophenol
Concen: 2.87 ng
RT: 14.980 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BP004023.D
Acq: 20 Nov 2020 14:07

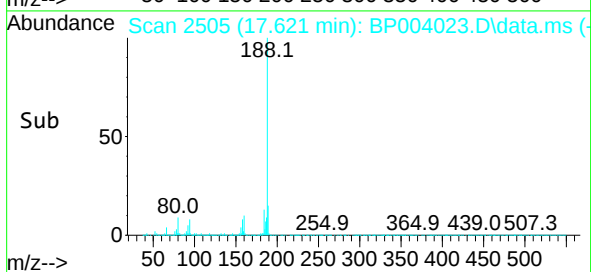
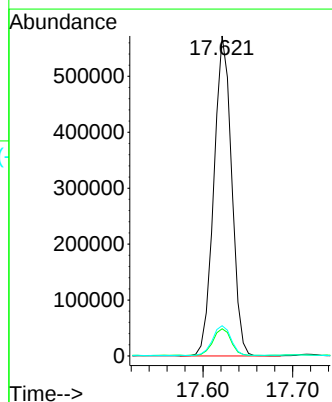
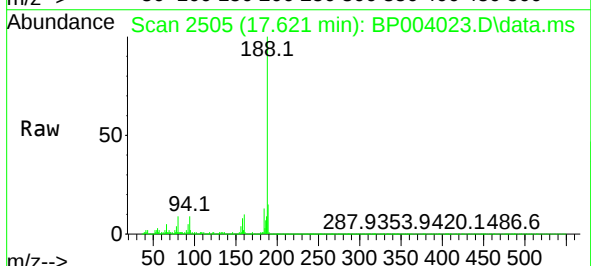
Instrument :
BNA_P
ClientSampleId :
1623

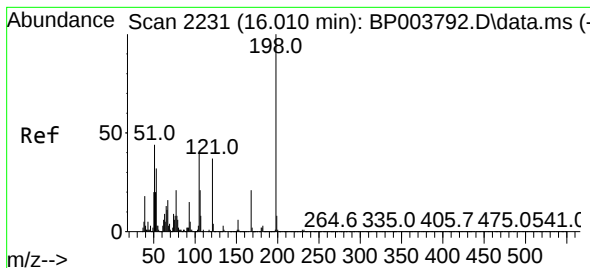
Tgt Ion:184 Resp: 302
Ion Ratio Lower Upper
184 100
63 524.8 32.3 48.5#
154 217.1 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.621 min Scan# 2505
Delta R.T. -0.000 min
Lab File: BP004023.D
Acq: 20 Nov 2020 14:07

Tgt Ion:188 Resp: 786708
Ion Ratio Lower Upper
188 100
94 8.5 6.2 9.2
80 9.4 6.2 9.2#

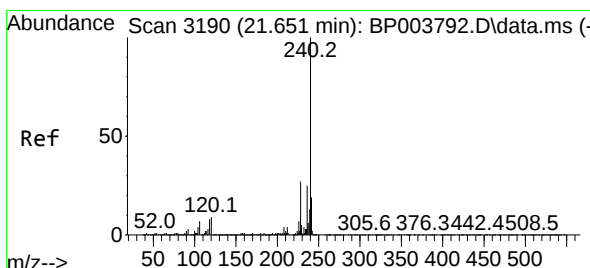
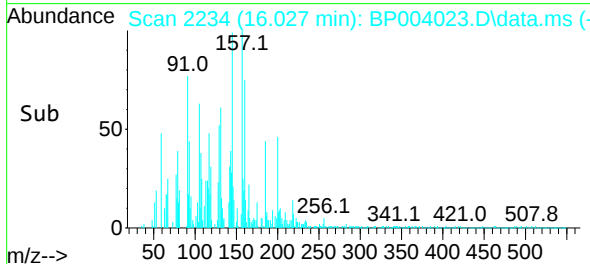
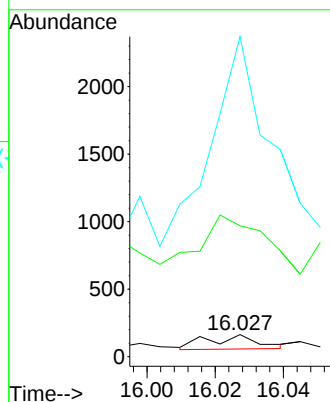
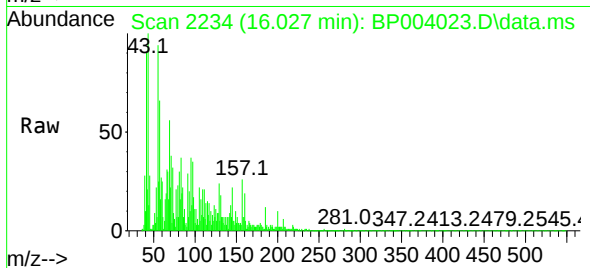




#65
4,6-Dinitro-2-methylphenol
Concen: 6.36 ng
RT: 16.027 min Scan# 2234
Delta R.T. 0.017 min
Lab File: BP004023.D
Acq: 20 Nov 2020 14:07

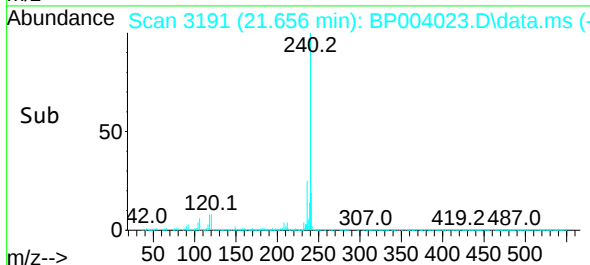
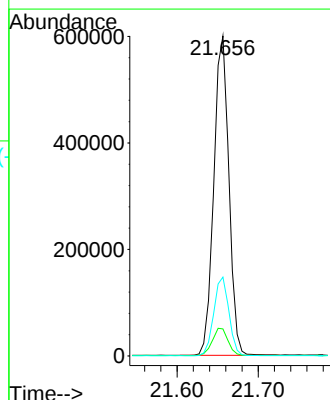
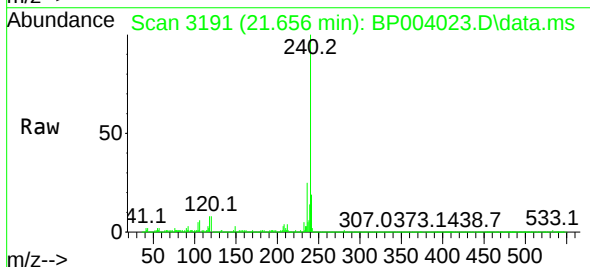
Instrument :
BNA_P
ClientSampleId :
1623

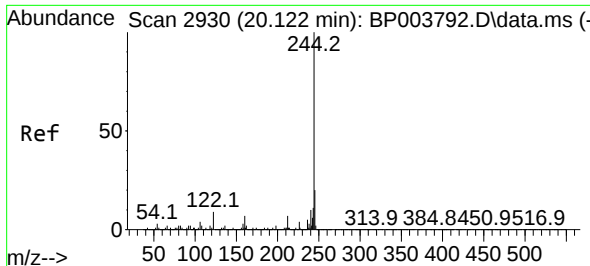
Tgt Ion:198 Resp: 109
Ion Ratio Lower Upper
198 100
51 590.9 6.4 46.4#
105 1445.1 18.9 58.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.656 min Scan# 3191
Delta R.T. -0.000 min
Lab File: BP004023.D
Acq: 20 Nov 2020 14:07

Tgt Ion:240 Resp: 772942
Ion Ratio Lower Upper
240 100
120 8.4 7.8 11.6
236 24.6 20.8 31.2

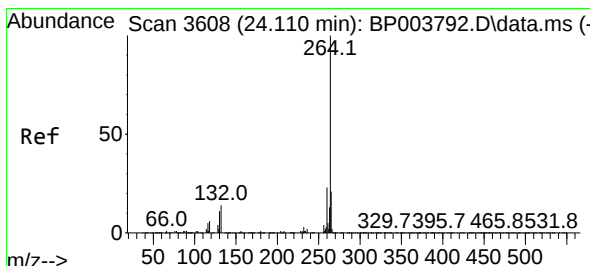
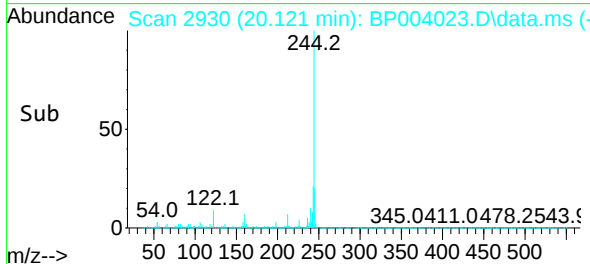
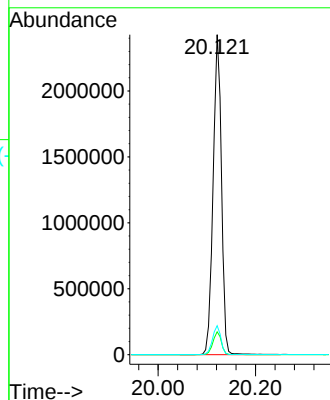
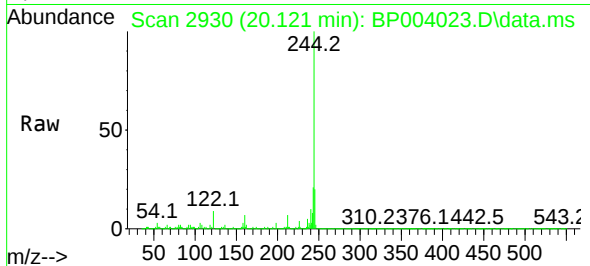




#79
Terphenyl-d14
Concen: 71.69 ng
RT: 20.121 min Scan# 2930
Delta R.T. -0.000 min
Lab File: BP004023.D
Acq: 20 Nov 2020 14:07

Instrument :
BNA_P
ClientSampled :
1623

Tgt Ion:244 Resp: 2868107
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 9.1 7.8 11.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.127 min Scan# 3611
Delta R.T. -0.000 min
Lab File: BP004023.D
Acq: 20 Nov 2020 14:07

Tgt Ion:264 Resp: 783648
Ion Ratio Lower Upper
264 100
260 22.8 18.8 28.2
265 21.5 17.4 26.2

