

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111020\
 Data File : BP003902.D
 Acq On : 10 Nov 2020 15:02
 Operator : CG/JU
 Sample : L4668-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-18

Quant Time: Nov 10 17:20:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 13:41:24 2020
 Response via : Initial Calibration

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

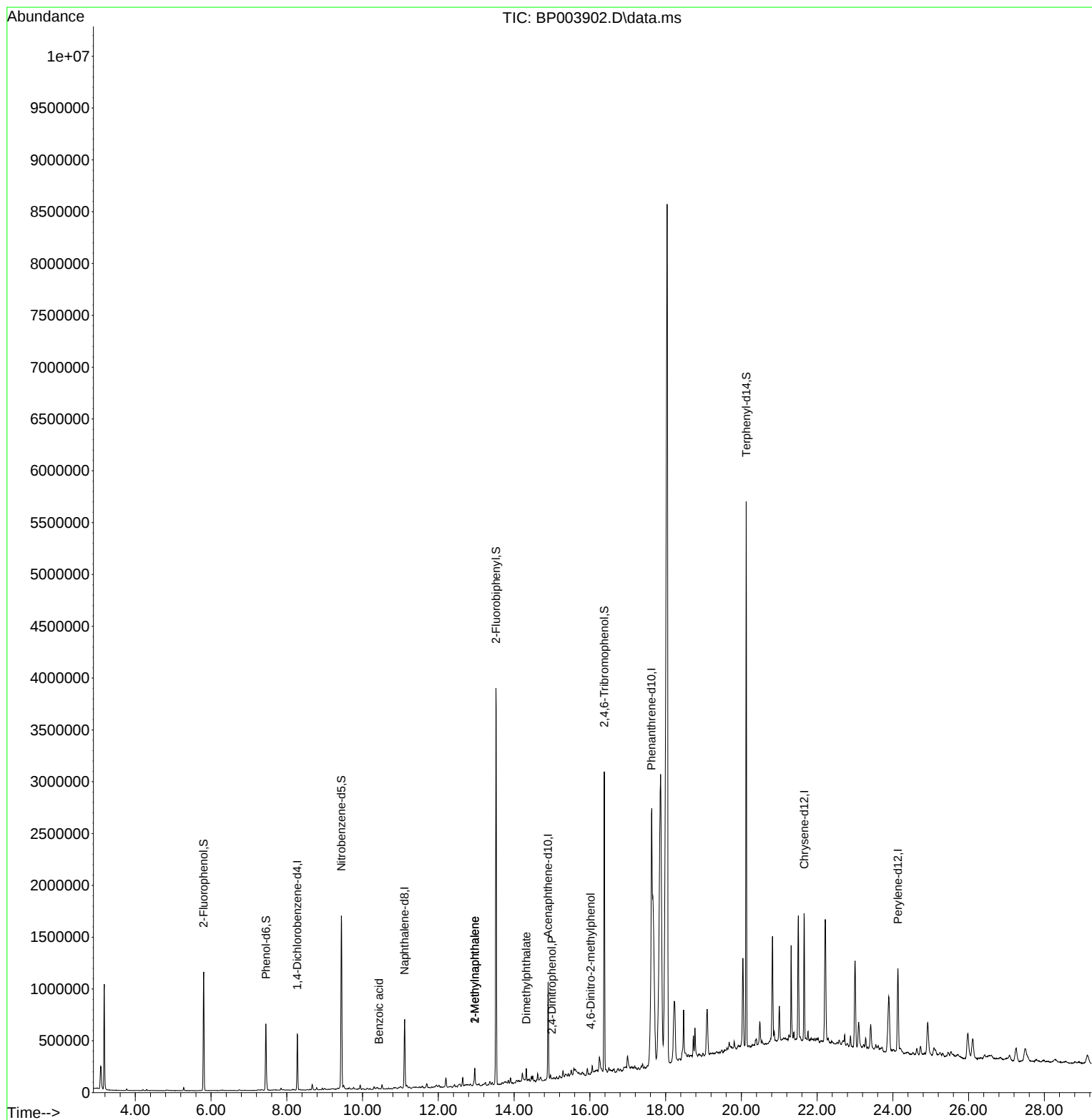
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.275	152	145138	20.00	ng	0.00
21) Naphthalene-d8	11.110	136	525915	20.00	ng	# 0.00
39) Acenaphthene-d10	14.898	164	303795	20.00	ng	0.00
64) Phenanthrene-d10	17.628	188	592840	20.00	ng	# 0.00
76) Chrysene-d12	21.657	240	597593	20.00	ng	0.00
86) Perylene-d12	24.133	264	644443	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	461422	53.06	ng	0.00
7) Phenol-d6	7.446	99	339035	27.16	ng	0.00
23) Nitrobenzene-d5	9.440	82	944461	87.95	ng	0.00
42) 2,4,6-Tribromophenol	16.381	330	537854	141.55	ng	0.00
45) 2-Fluorobiphenyl	13.522	172	1961711	90.28	ng	0.00
79) Terphenyl-d14	20.128	244	2161685	69.89	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.363	77	223	Below Cal	#	49
32) Benzoic acid	10.434	122	128	8.33	ng	# 29
37) 2-Methylnaphthalene	12.963	142	74537	3.69	ng	94
38) 1-Methylnaphthalene	12.963	142	74647	3.88	ng	100
50) Dimethylphthalate	14.322	163	80247	3.38	ng	# 98
54) 2,4-Dinitrophenol	14.993	184	196	2.84	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.022	198	233	6.41	ng	# 1

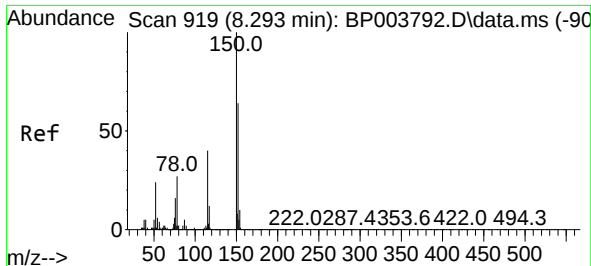
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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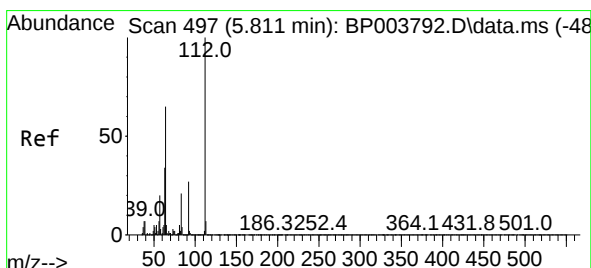
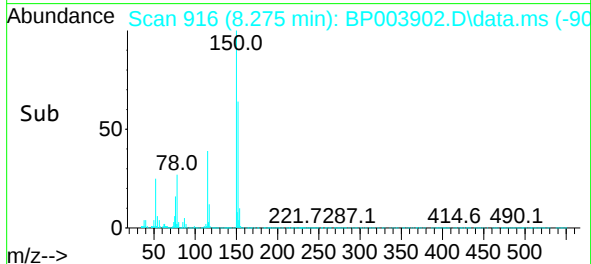
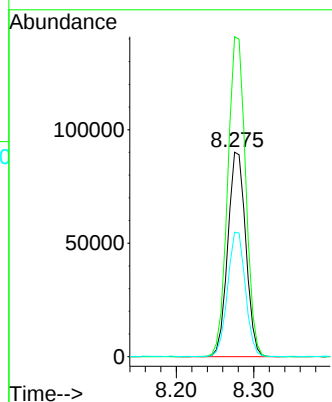
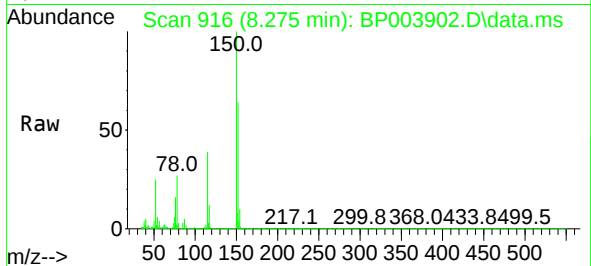




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.275 min Scan# 916
Delta R.T. -0.006 min
Lab File: BP003902.D
Acq: 10 Nov 2020 15:02

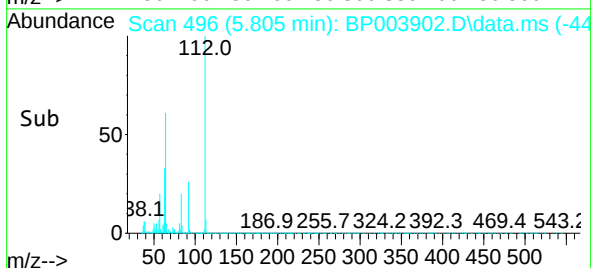
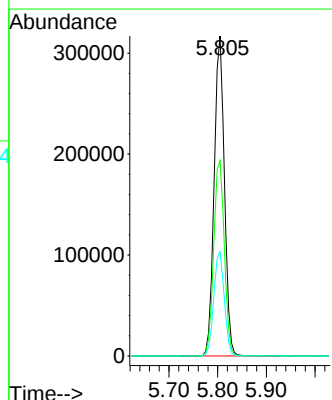
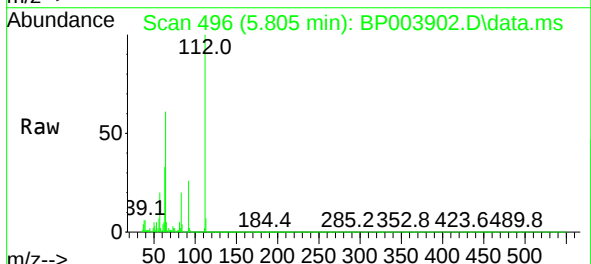
Instrument :
BNA_P
ClientSampleId :
MW-18

Tgt Ion:152 Resp: 145138
Ion Ratio Lower Upper
152 100
150 156.4 123.8 185.6
115 60.8 43.8 65.6



#5
2-Fluorophenol
Concen: 53.06 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.006 min
Lab File: BP003902.D
Acq: 10 Nov 2020 15:02

Tgt Ion:112 Resp: 461422
Ion Ratio Lower Upper
112 100
64 61.1 32.8 49.2#
63 32.6 17.0 25.4#

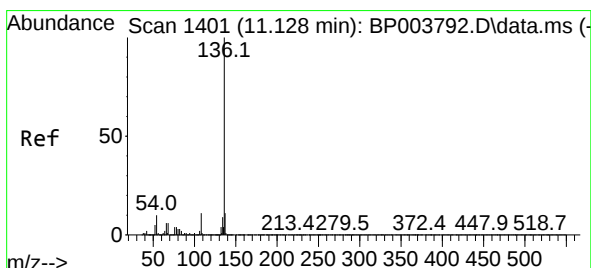
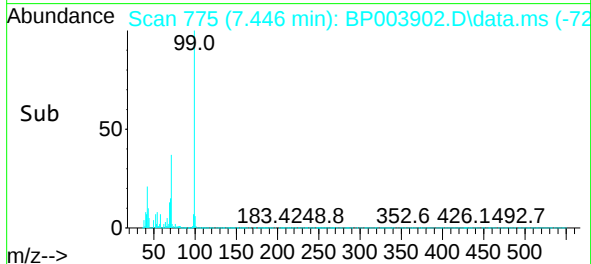
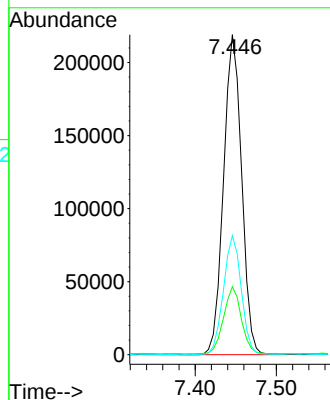
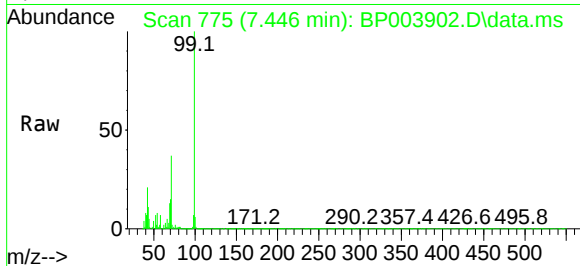




#7
Phenol-d6
Concen: 27.16 ng
RT: 7.446 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP003902.D
Acq: 10 Nov 2020 15:02

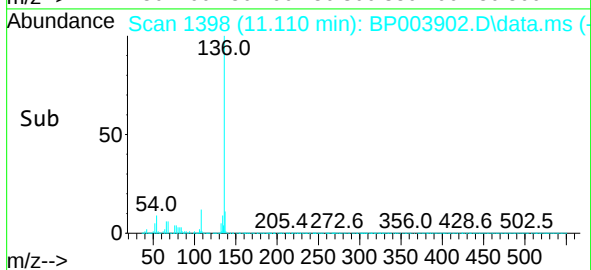
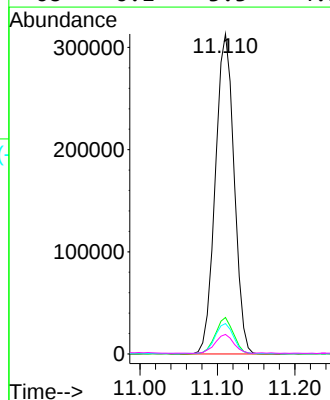
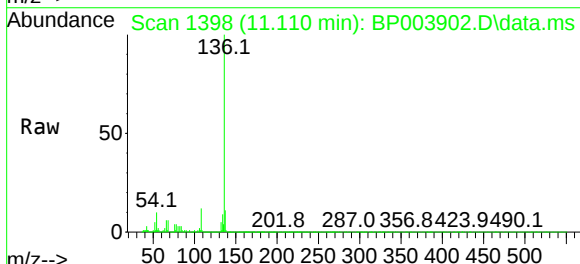
Instrument :
BNA_P
ClientSampled :
MW-18

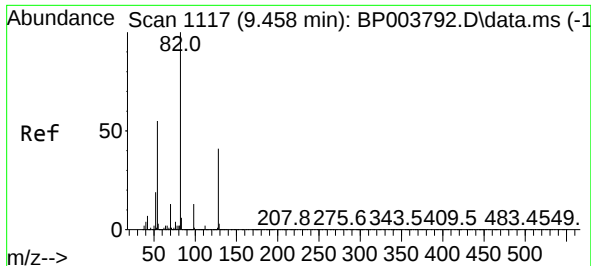
Tgt Ion: 99 Resp: 339035
Ion Ratio Lower Upper
99 100
42 21.2 8.6 13.0#
71 37.2 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.110 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BP003902.D
Acq: 10 Nov 2020 15:02

Tgt Ion: 136 Resp: 525915
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 9.5 3.6 5.4#
68 6.1 3.3 4.9#

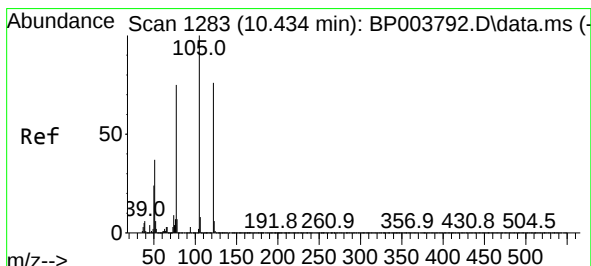
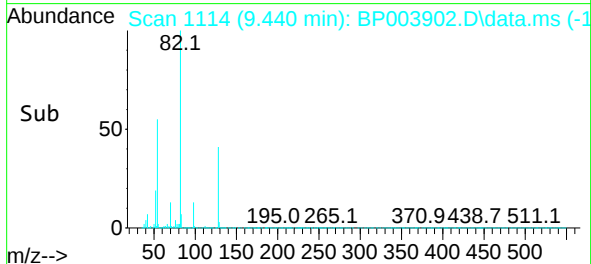
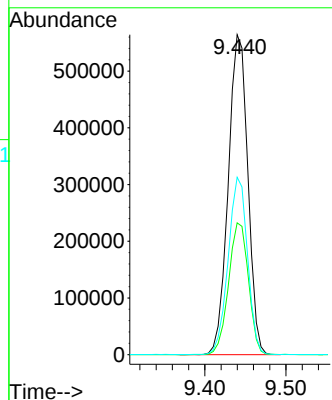
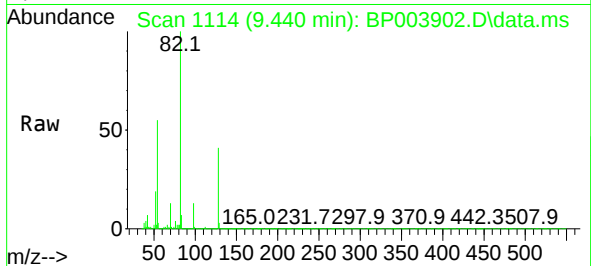




#23
Nitrobenzene-d5
Concen: 87.95 ng
RT: 9.440 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BP003902.D
Acq: 10 Nov 2020 15:02

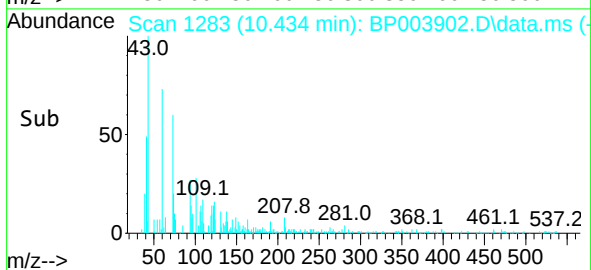
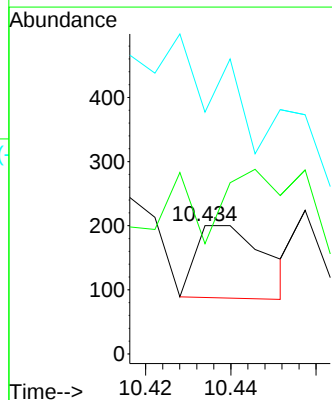
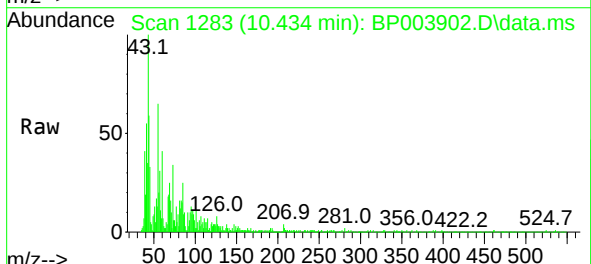
Instrument :
BNA_P
ClientSampled :
MW-18

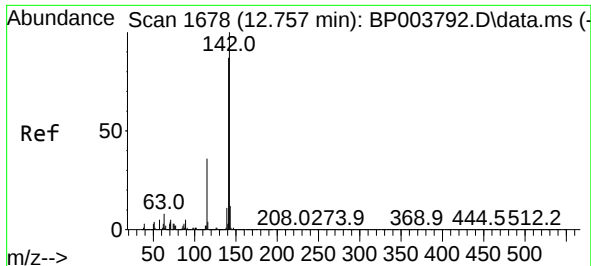
Tgt Ion: 82 Resp: 944461
Ion Ratio Lower Upper
82 100
128 41.2 45.6 68.4#
54 55.4 30.1 45.1#



#32
Benzoic acid
Concen: 8.33 ng
RT: 10.434 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BP003902.D
Acq: 10 Nov 2020 15:02

Tgt Ion: 122 Resp: 128
Ion Ratio Lower Upper
122 100
105 86.0 94.1 134.1#
77 188.5 50.1 90.1#

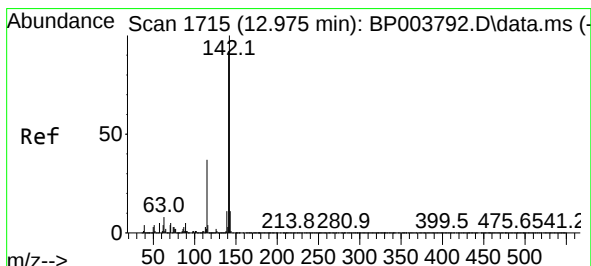
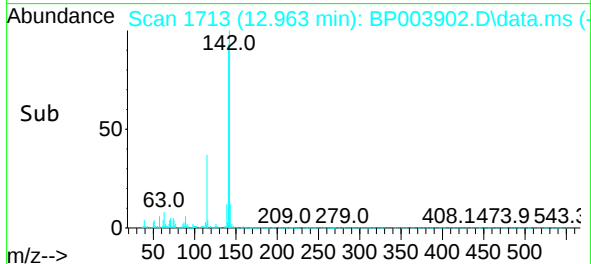
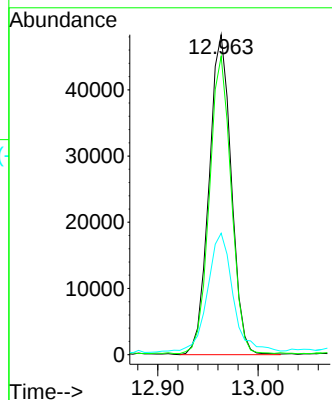
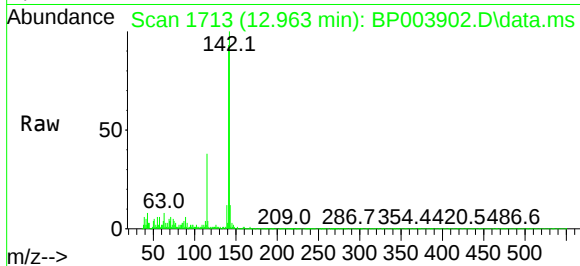




#37
2-Methylnaphthalene
Concen: 3.69 ng
RT: 12.963 min Scan# 1713
Delta R.T. 0.218 min
Lab File: BP003902.D
Acq: 10 Nov 2020 15:02

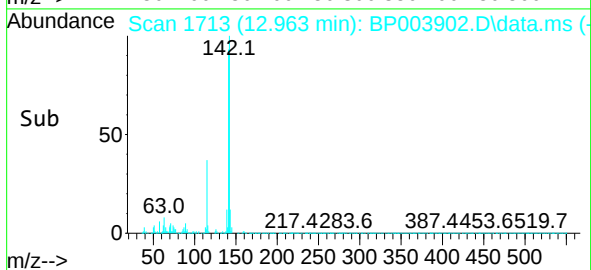
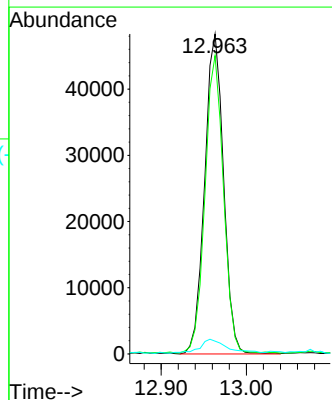
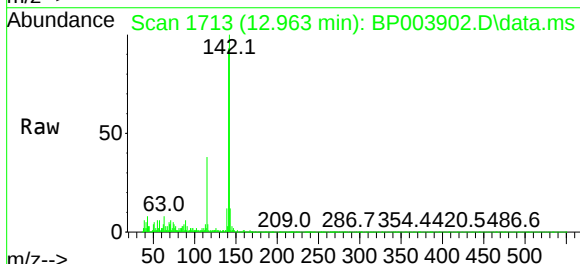
Instrument :
BNA_P
ClientSampleId :
MW-18

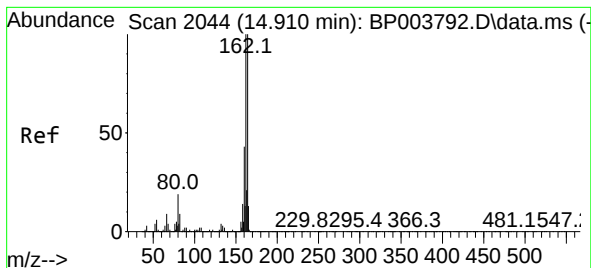
Tgt Ion:142 Resp: 74537
Ion Ratio Lower Upper
142 100
141 93.2 71.4 107.2
115 38.0 25.8 38.6



#38
1-Methylnaphthalene
Concen: 3.88 ng
RT: 12.963 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BP003902.D
Acq: 10 Nov 2020 15:02

Tgt Ion:142 Resp: 74647
Ion Ratio Lower Upper
142 100
141 93.2 74.4 111.6
116 4.0 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.898 min Scan# 2042

Delta R.T. -0.006 min

Lab File: BP003902.D

Acq: 10 Nov 2020 15:02

Instrument :

BNA_P

ClientSampleId :

MW-18

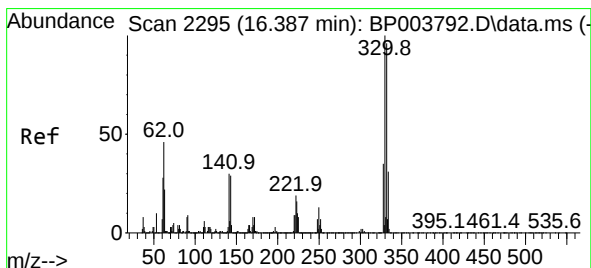
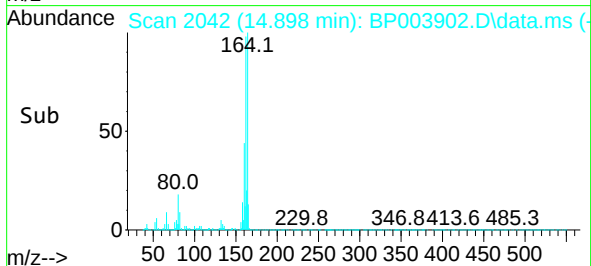
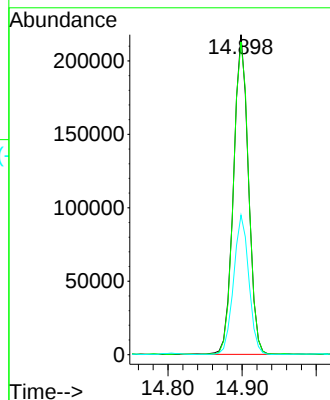
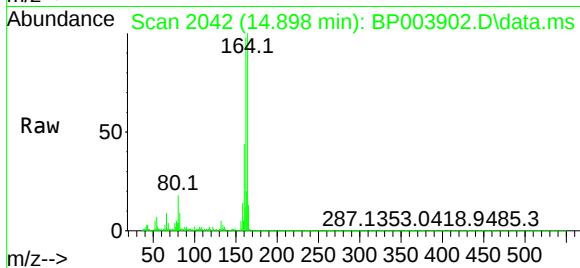
Tgt Ion:164 Resp: 303795

Ion Ratio Lower Upper

164 100

162 97.8 79.4 119.2

160 43.6 36.1 54.1



#42

2,4,6-Tribromophenol

Concen: 141.55 ng

RT: 16.381 min Scan# 2294

Delta R.T. -0.000 min

Lab File: BP003902.D

Acq: 10 Nov 2020 15:02

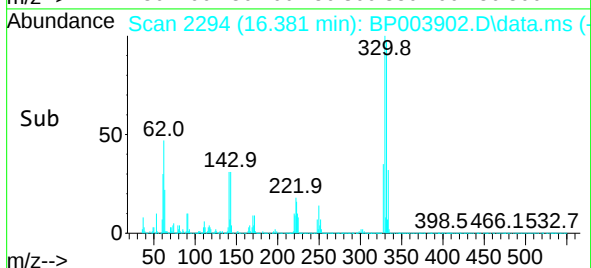
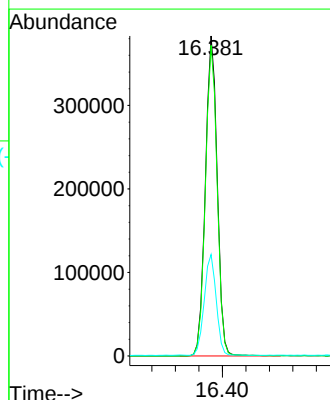
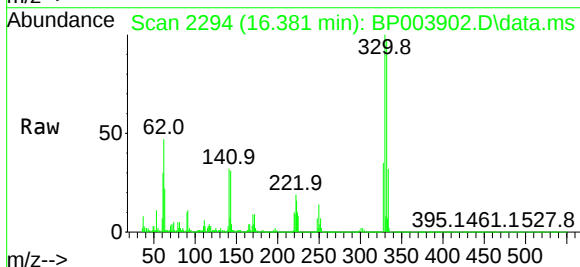
Tgt Ion:330 Resp: 537854

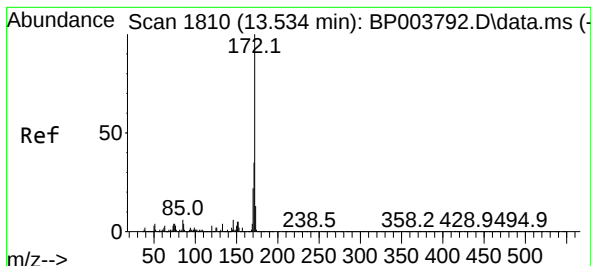
Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

141 31.9 23.4 35.2

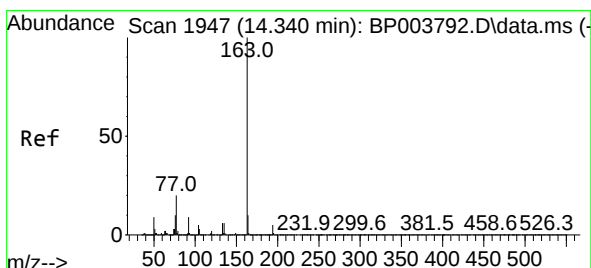
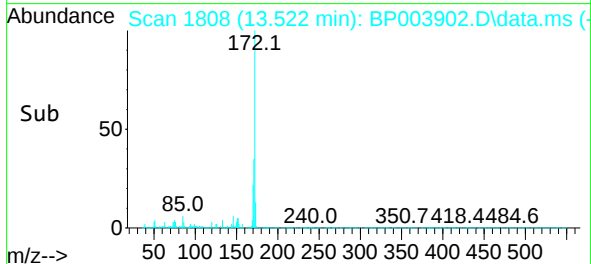
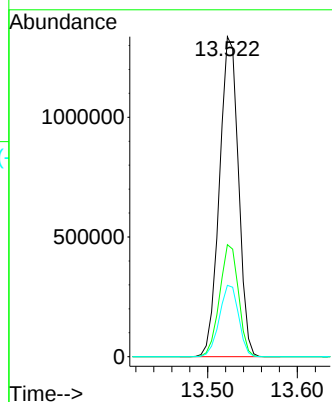
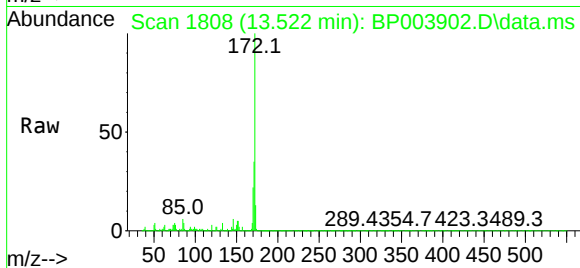




#45
2-Fluorobiphenyl
Concen: 90.28 ng
RT: 13.522 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BP003902.D
Acq: 10 Nov 2020 15:02

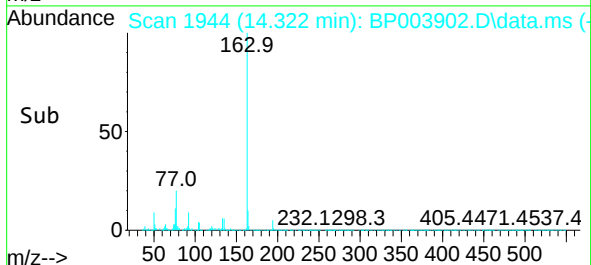
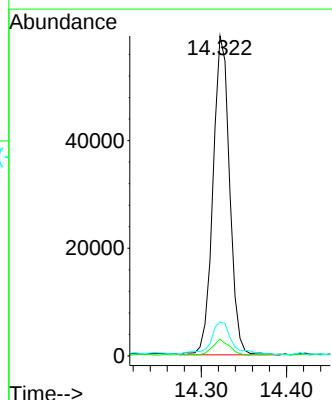
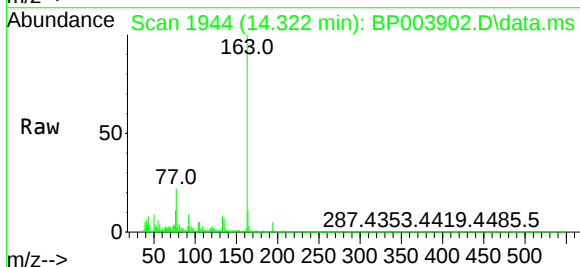
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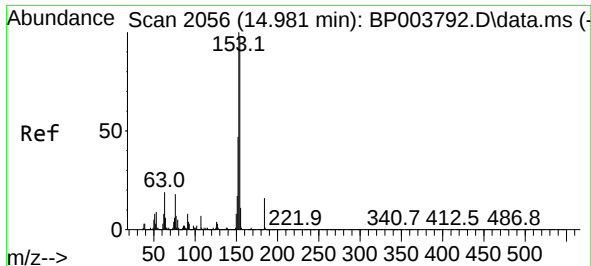
Tgt Ion:172 Resp: 1961711
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 22.3 19.2 28.8



#50
Dimethylphthalate
Concen: 3.38 ng
RT: 14.322 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP003902.D
Acq: 10 Nov 2020 15:02

Tgt Ion:163 Resp: 80247
Ion Ratio Lower Upper
163 100
194 5.3 3.3 4.9#
164 10.6 8.2 12.2

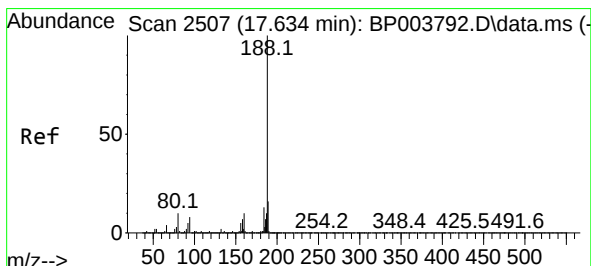
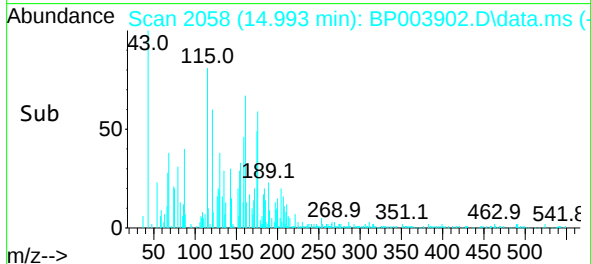
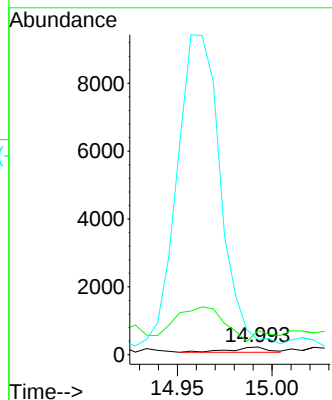
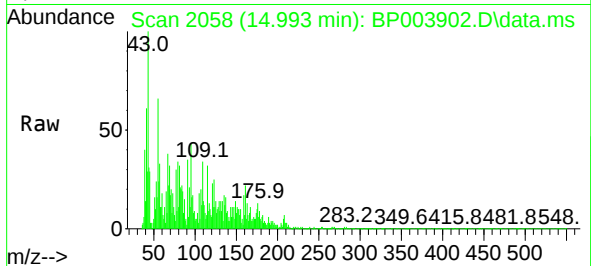




#54
2,4-Dinitrophenol
Concen: 2.84 ng
RT: 14.993 min Scan# 2058
Delta R.T. 0.006 min
Lab File: BP003902.D
Acq: 10 Nov 2020 15:02

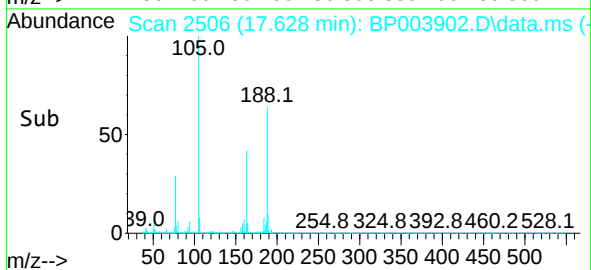
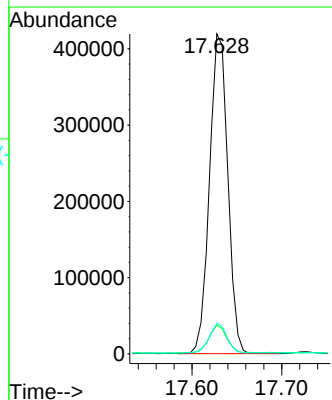
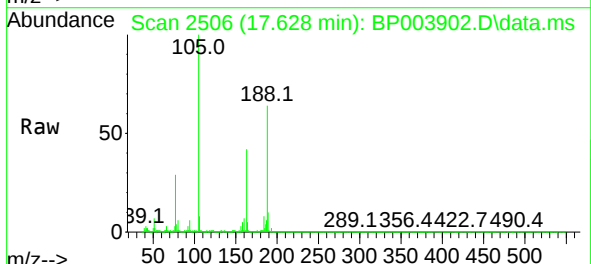
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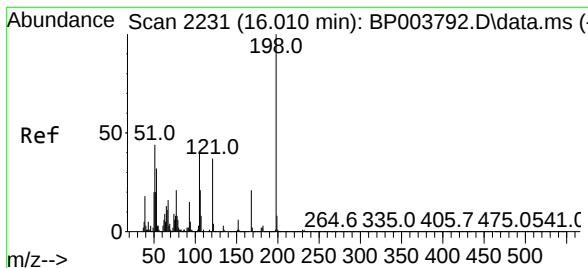
Tgt Ion:184 Resp: 196
Ion Ratio Lower Upper
184 100
63 315.1 32.3 48.5#
154 199.1 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.628 min Scan# 2506
Delta R.T. -0.000 min
Lab File: BP003902.D
Acq: 10 Nov 2020 15:02

Tgt Ion:188 Resp: 592840
Ion Ratio Lower Upper
188 100
94 9.1 6.2 9.2
80 9.6 6.2 9.2#

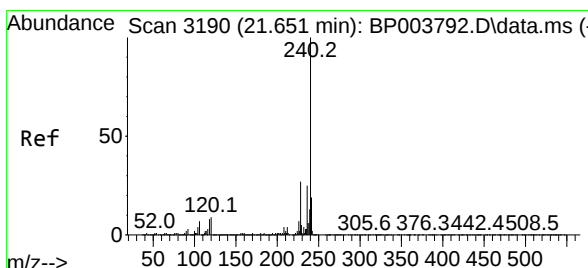
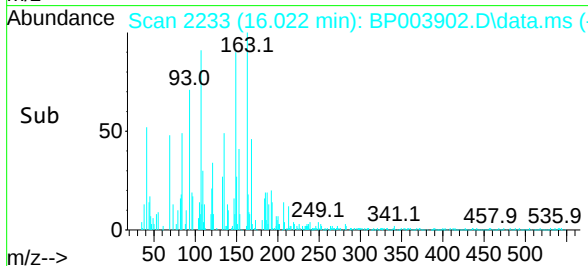
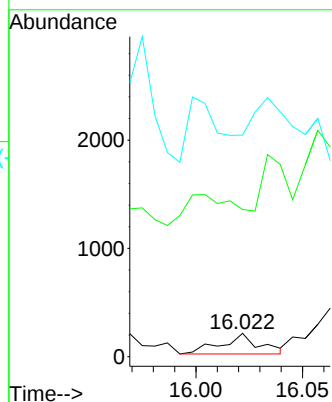
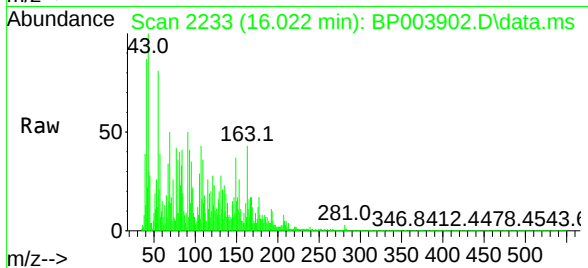




#65
4,6-Dinitro-2-methylphenol
Concen: 6.41 ng
RT: 16.022 min Scan# 2233
Delta R.T. 0.012 min
Lab File: BP003902.D
Acq: 10 Nov 2020 15:02

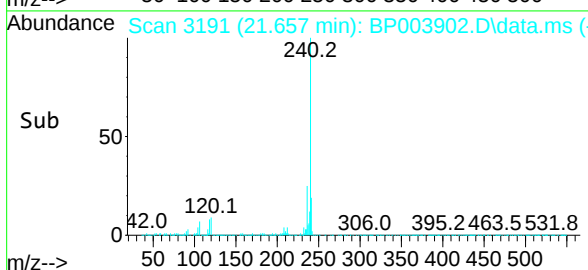
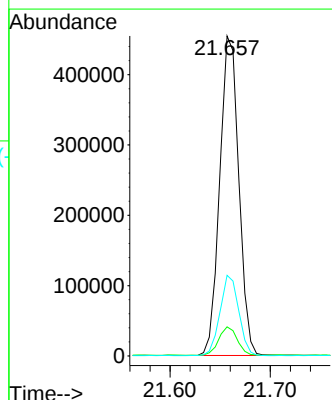
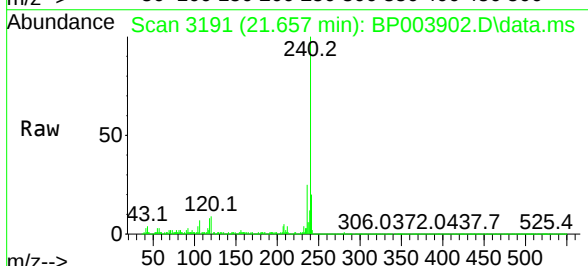
Instrument :
BNA_P
ClientSampled :
MW-18

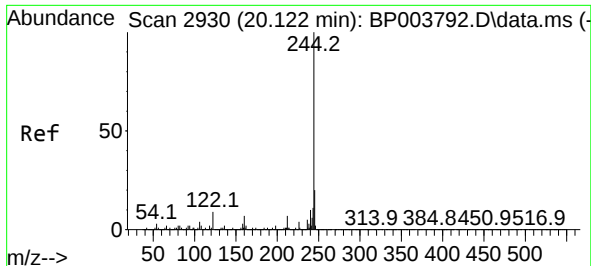
Tgt Ion:198 Resp: 233
Ion Ratio Lower Upper
198 100
51 632.1 6.4 46.4#
105 952.1 18.9 58.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.657 min Scan# 3191
Delta R.T. -0.000 min
Lab File: BP003902.D
Acq: 10 Nov 2020 15:02

Tgt Ion:240 Resp: 597593
Ion Ratio Lower Upper
240 100
120 9.1 7.8 11.6
236 25.2 20.8 31.2

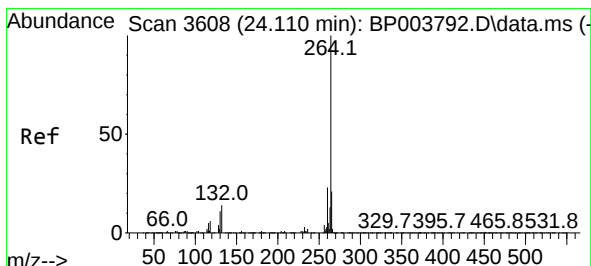
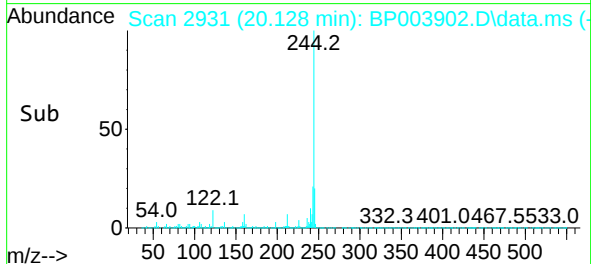
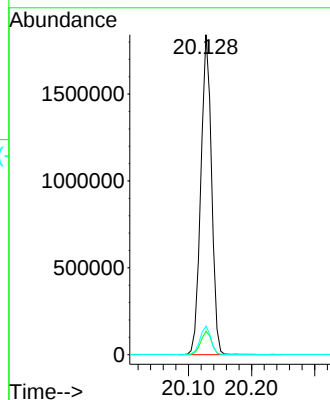
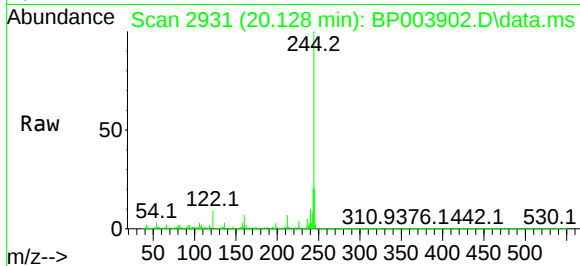




#79
Terphenyl-d14
Concen: 69.89 ng
RT: 20.128 min Scan# 2931
Delta R.T. -0.000 min
Lab File: BP003902.D
Acq: 10 Nov 2020 15:02

Instrument :
BNA_P
ClientSampled :
MW-18

Tgt Ion:244 Resp: 2161685
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 8.9 7.8 11.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.133 min Scan# 3612
Delta R.T. 0.006 min
Lab File: BP003902.D
Acq: 10 Nov 2020 15:02

Tgt Ion:264 Resp: 644443
Ion Ratio Lower Upper
264 100
260 22.7 18.8 28.2
265 21.3 17.4 26.2

