

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101520\
 Data File : BP003632.D
 Acq On : 15 Oct 2020 19:41
 Operator : CG/JU
 Sample : L4403-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-N

Quant Time: Oct 16 00:24:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 14 17:03:23 2020
 Response via : Initial Calibration

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

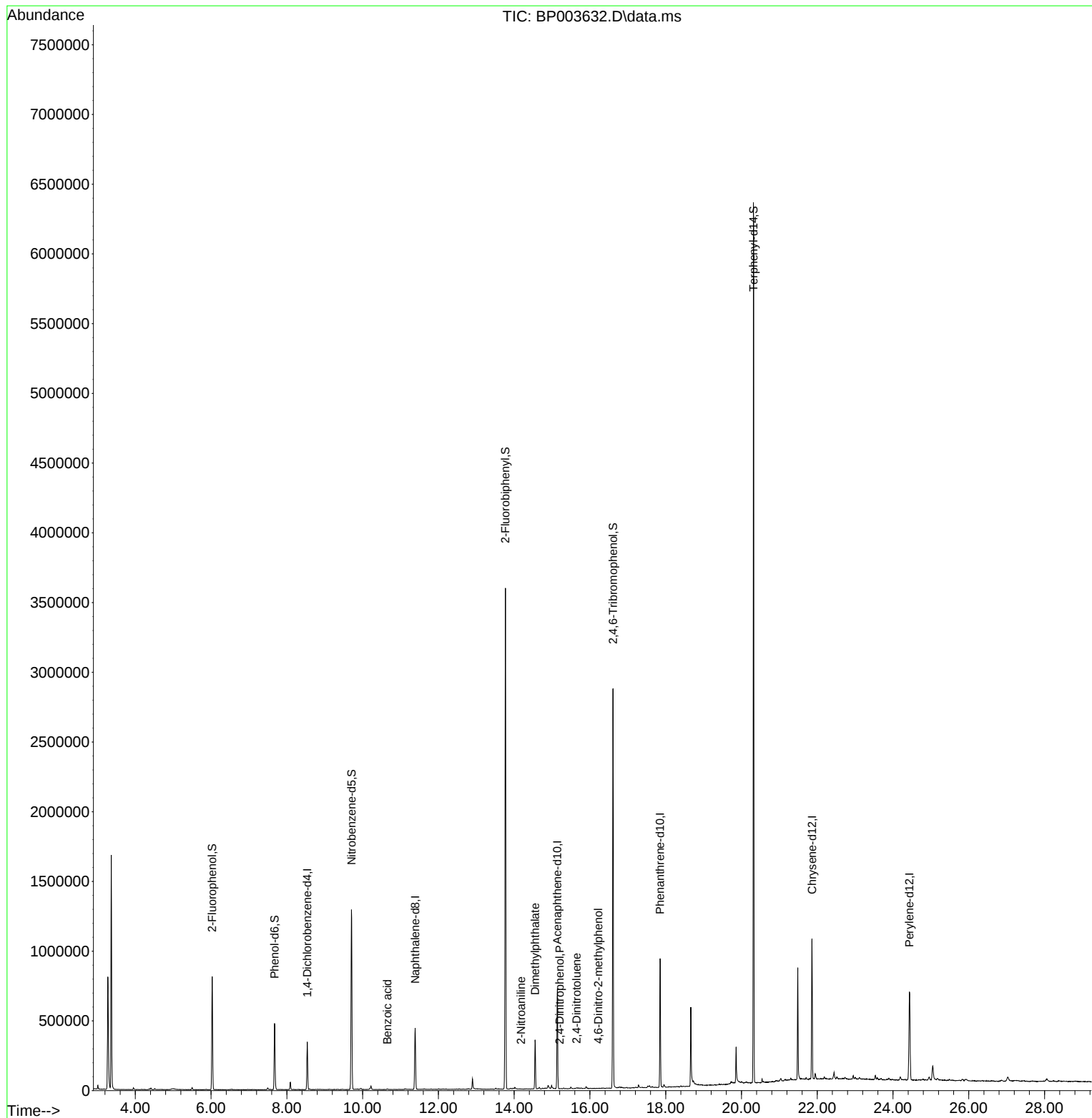
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.540	152	86023	20.00	ng	# 0.00
21) Naphthalene-d8	11.387	136	333687	20.00	ng	# 0.00
39) Acenaphthene-d10	15.139	164	230463	20.00	ng	-0.01
64) Phenanthrene-d10	17.851	188	524951	20.00	ng	-0.01
76) Chrysene-d12	21.863	240	534910	20.00	ng	#-0.02
86) Perylene-d12	24.433	264	526700	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.028	112	319280	63.81	ng	0.00
7) Phenol-d6	7.675	99	252410	34.63	ng	0.00
23) Nitrobenzene-d5	9.704	82	746527	103.72	ng	0.00
42) 2,4,6-Tribromophenol	16.610	330	534618	173.99	ng	0.00
45) 2-Fluorobiphenyl	13.769	172	1700224	96.79	ng	0.00
79) Terphenyl-d14	20.316	244	2649345	89.61	ng	-0.02
Target Compounds						
						Qvalue
9) Benzaldehyde	7.640	77	120	Below Cal	#	53
32) Benzoic acid	10.651	122	107	6.45	ng	# 81
48) 2-Nitroaniline	14.181	65	66	4.20	ng	# 12
50) Dimethylphthalate	14.551	163	210277	11.11	ng	99
54) 2,4-Dinitrophenol	15.204	184	116	2.22	ng	# 8
57) 2,4-Dinitrotoluene	15.645	165	399	3.63	ng	# 69
65) 4,6-Dinitro-2-methylph...	16.222	198	72	7.40	ng	# 1

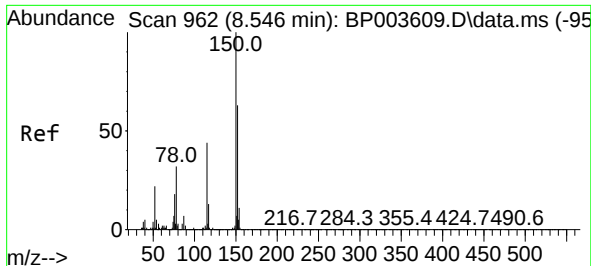
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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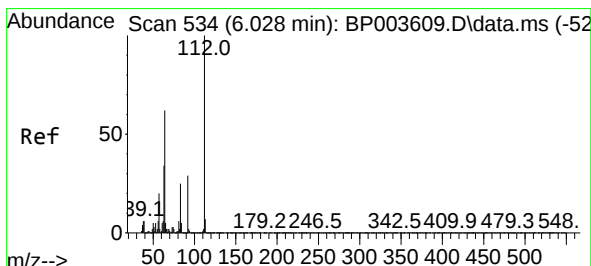
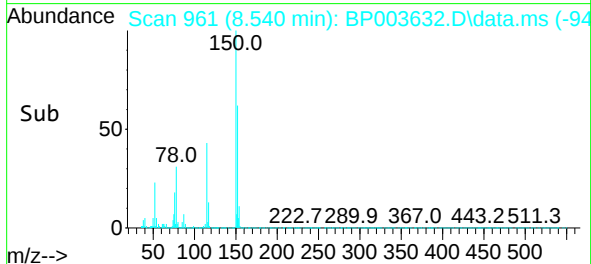
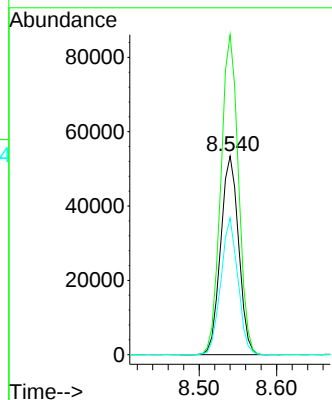
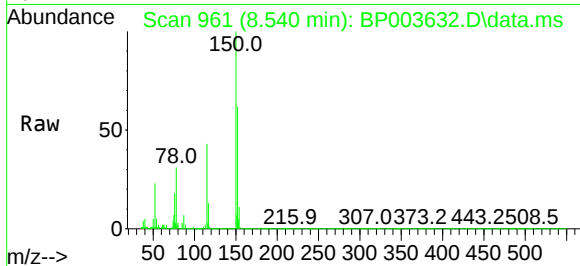




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.540 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP003632.D
Acq: 15 Oct 2020 19:41

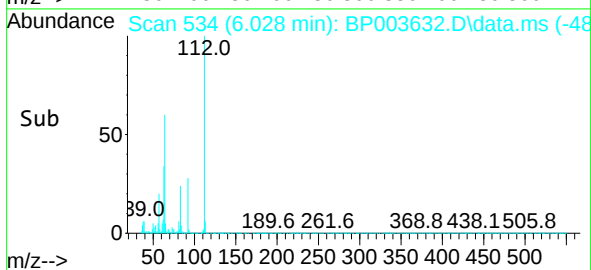
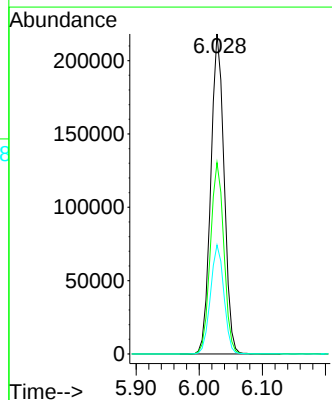
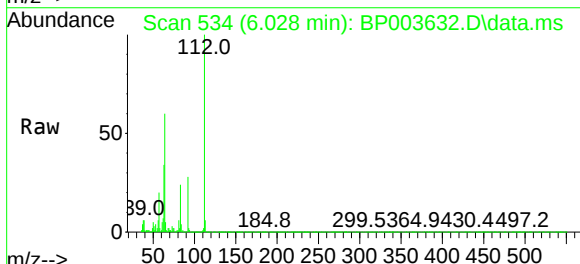
Instrument :
BNA_P
ClientSampleId :
MH-N

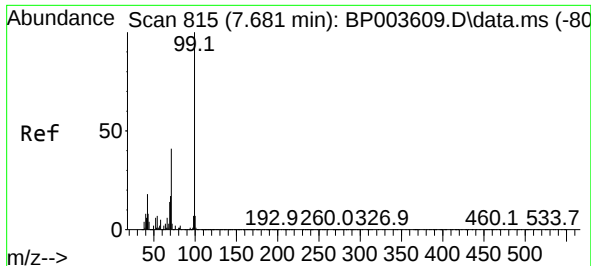
Tgt Ion:152 Resp: 86023
Ion Ratio Lower Upper
152 100
150 161.1 123.8 185.6
115 68.9 43.8 65.6#



#5
2-Fluorophenol
Concen: 63.81 ng
RT: 6.028 min Scan# 534
Delta R.T. 0.000 min
Lab File: BP003632.D
Acq: 15 Oct 2020 19:41

Tgt Ion:112 Resp: 319280
Ion Ratio Lower Upper
112 100
64 59.8 32.8 49.2#
63 34.1 17.0 25.4#

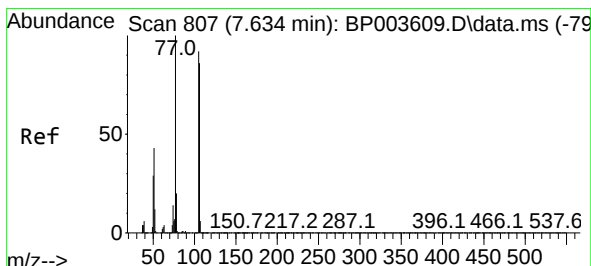
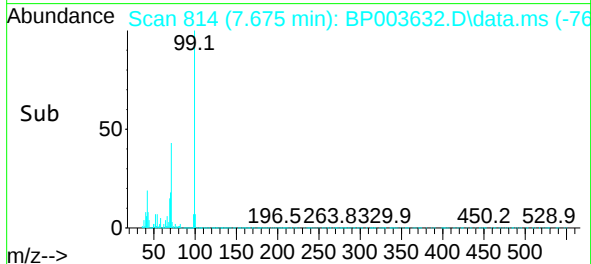
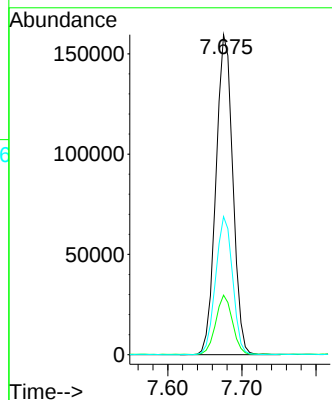
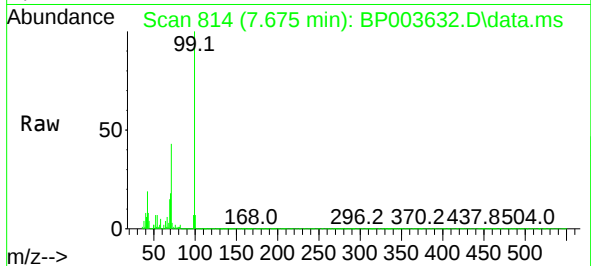




#7
Phenol-d6
Concen: 34.63 ng
RT: 7.675 min Scan# 814
Delta R.T. -0.006 min
Lab File: BP003632.D
Acq: 15 Oct 2020 19:41

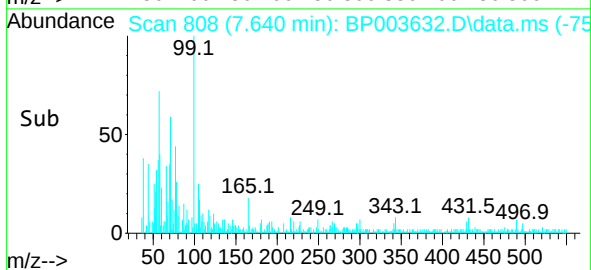
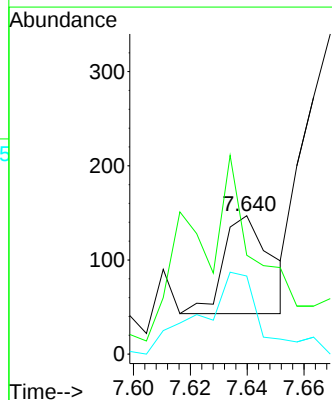
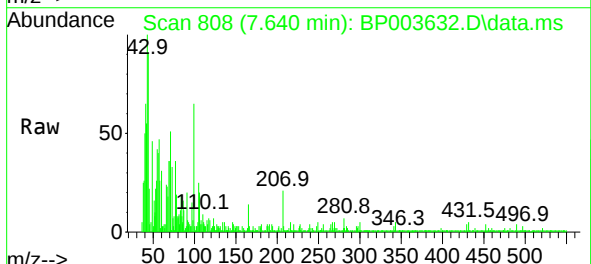
Instrument :
BNA_P
ClientSampleId :
MH-N

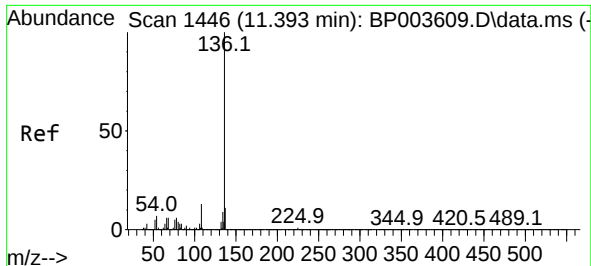
Tgt Ion: 99 Resp: 252410
Ion Ratio Lower Upper
99 100
42 18.6 8.6 13.0#
71 43.1 23.4 35.2#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.640 min Scan# 808
Delta R.T. 0.006 min
Lab File: BP003632.D
Acq: 15 Oct 2020 19:41

Tgt Ion: 77 Resp: 120
Ion Ratio Lower Upper
77 100
105 71.4 97.1 137.1#
106 56.5 93.7 133.7#

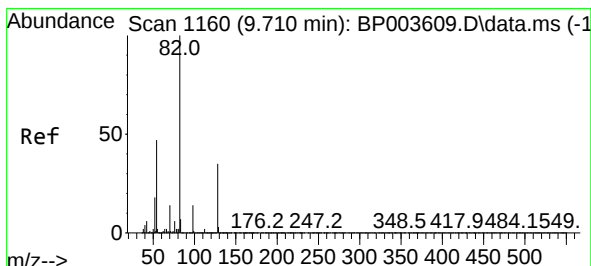
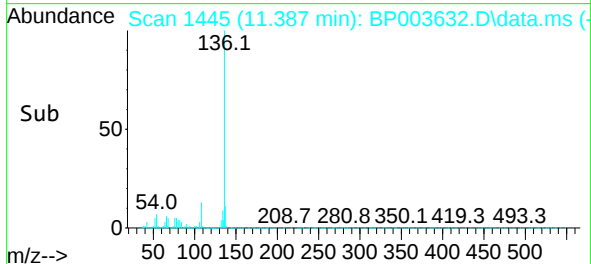
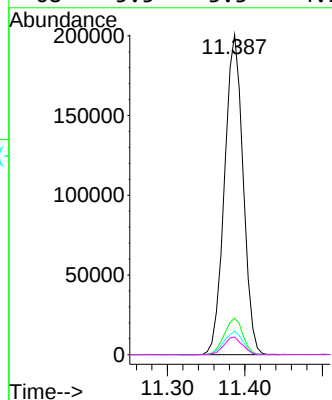
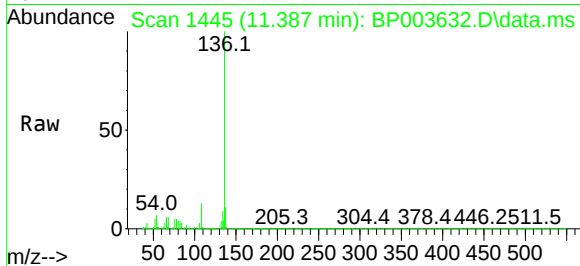




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.387 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BP003632.D
Acq: 15 Oct 2020 19:41

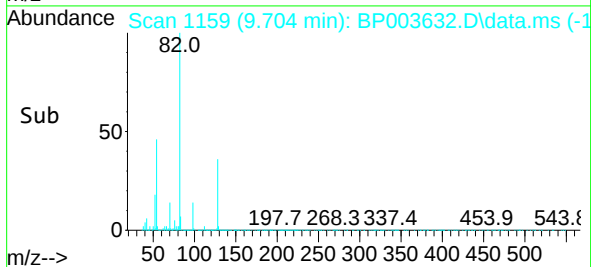
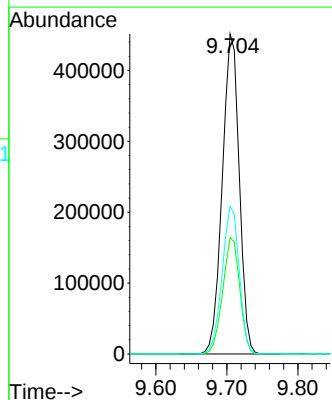
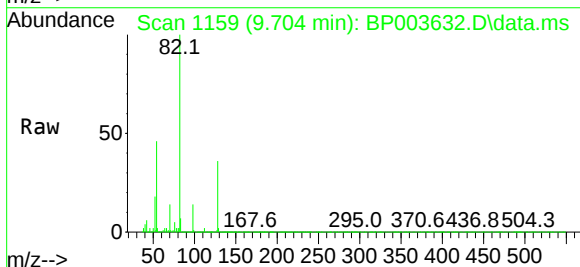
Instrument :
BNA_P
ClientSampleId :
MH-N

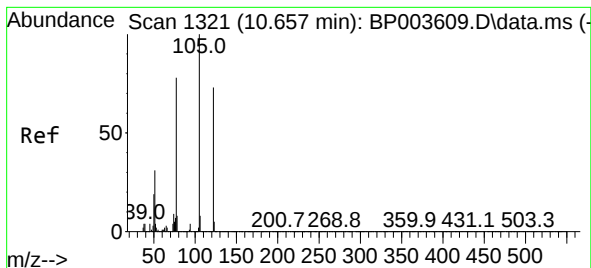
Tgt Ion:	136	Resp:	333687
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.6	13.0
54	7.3	3.6	5.4#
68	5.5	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 103.72 ng
RT: 9.704 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BP003632.D
Acq: 15 Oct 2020 19:41

Tgt Ion:	82	Resp:	746527
Ion Ratio	Lower	Upper	
82	100		
128	36.4	45.6	68.4#
54	46.2	30.1	45.1#

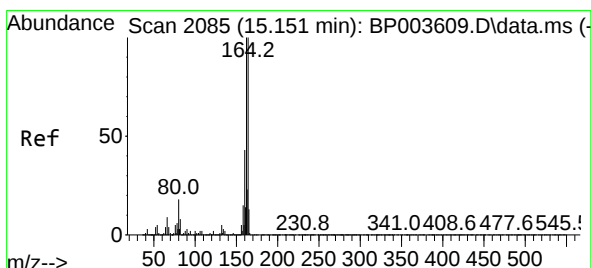
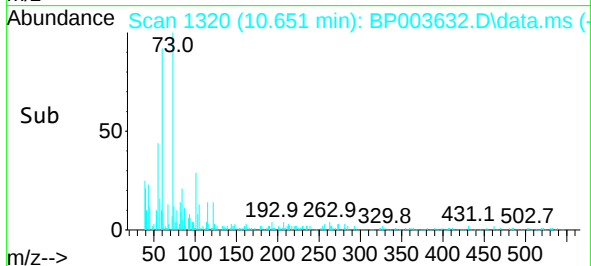
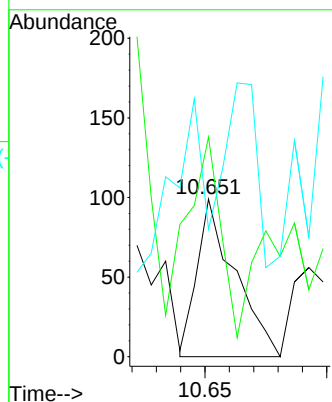
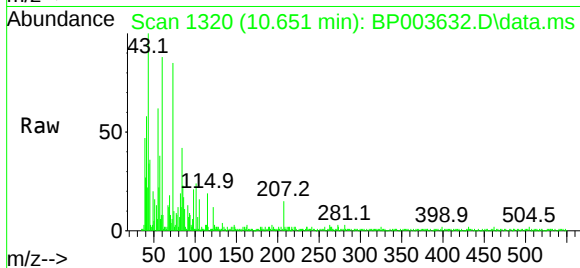




#32
Benzoic acid
Concen: 6.45 ng
RT: 10.651 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BP003632.D
Acq: 15 Oct 2020 19:41

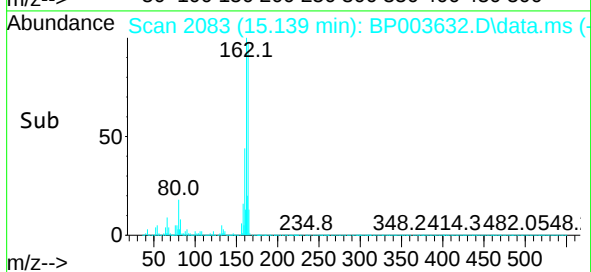
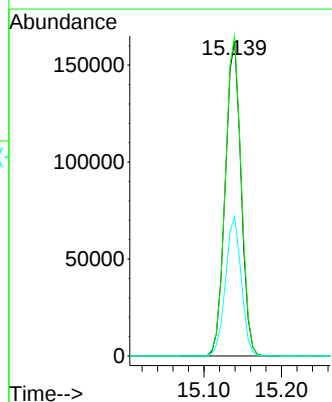
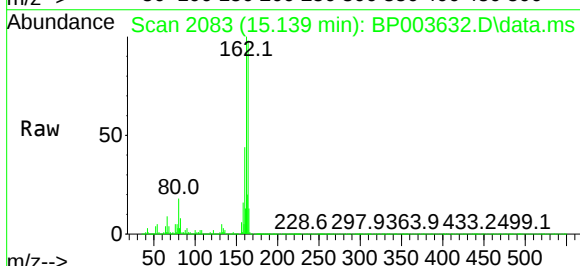
Instrument :
BNA_P
ClientSampleId :
MH-N

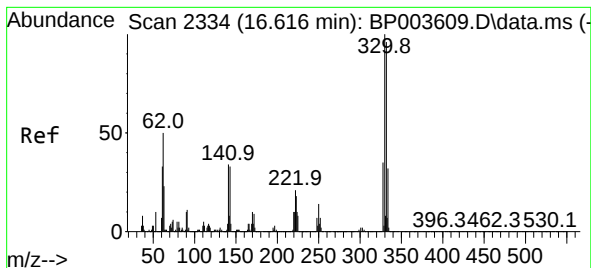
Tgt Ion:	122	Resp:	107
Ion	Ratio	Lower	Upper
122	100		
105	139.4	94.1	134.1#
77	80.8	50.1	90.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.139 min Scan# 2083
Delta R.T. -0.012 min
Lab File: BP003632.D
Acq: 15 Oct 2020 19:41

Tgt Ion:	164	Resp:	230463
Ion	Ratio	Lower	Upper
164	100		
162	101.5	79.4	119.2
160	44.2	36.1	54.1

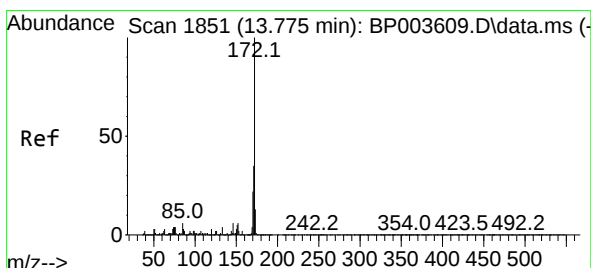
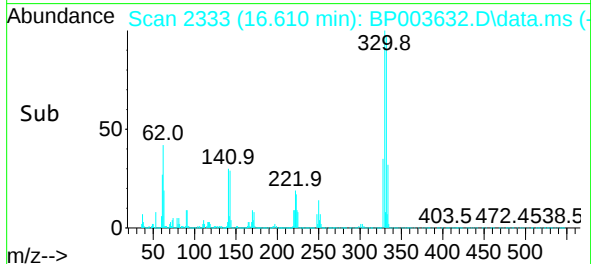
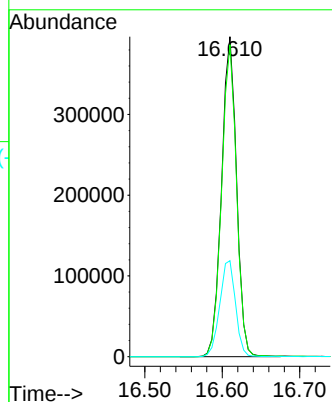
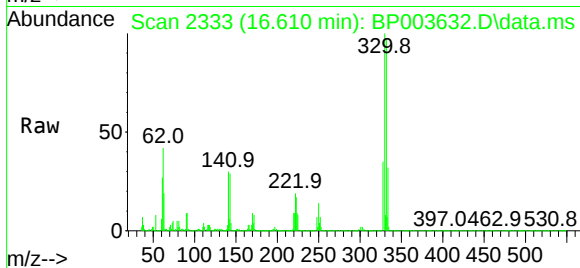




#42
2,4,6-Tribromophenol
Concen: 173.99 ng
RT: 16.610 min Scan# 2333
Delta R.T. -0.006 min
Lab File: BP003632.D
Acq: 15 Oct 2020 19:41

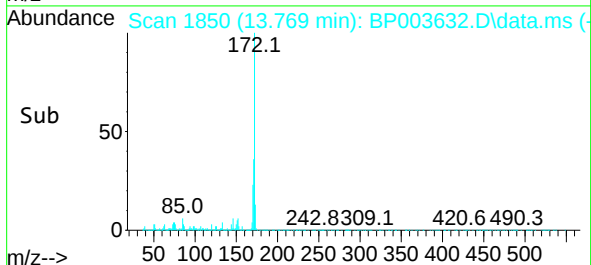
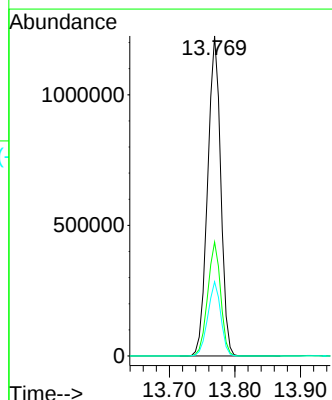
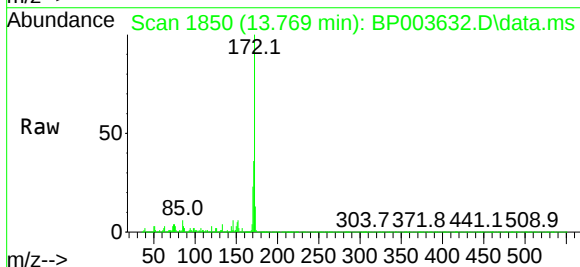
Instrument :
BNA_P
ClientSampleId :
MH-N

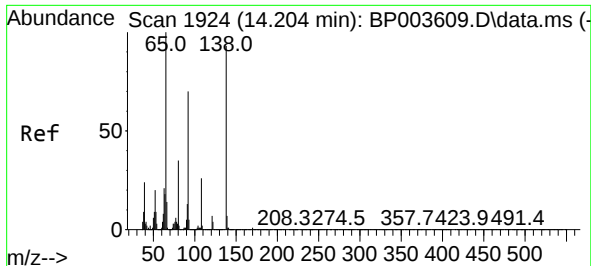
Tgt Ion:330 Resp: 534618
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 31.5 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 96.79 ng
RT: 13.769 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BP003632.D
Acq: 15 Oct 2020 19:41

Tgt Ion:172 Resp: 1700224
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.2 19.2 28.8

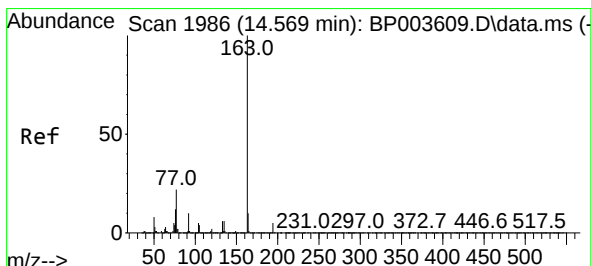
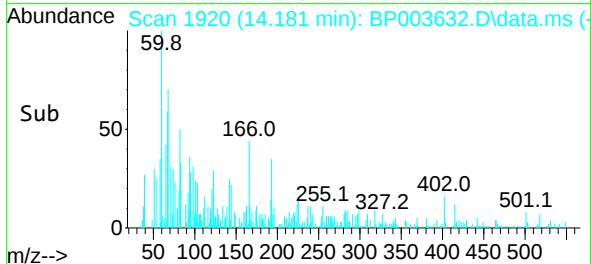
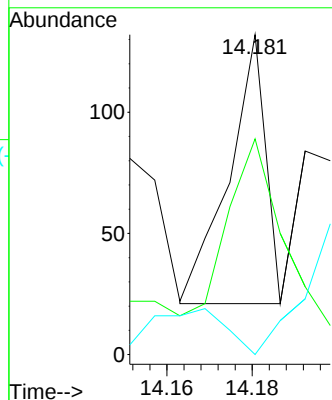
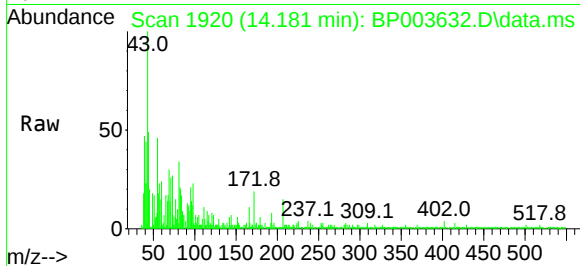




#48
2-Nitroaniline
Concen: 4.20 ng
RT: 14.181 min Scan# 1920
Delta R.T. -0.023 min
Lab File: BP003632.D
Acq: 15 Oct 2020 19:41

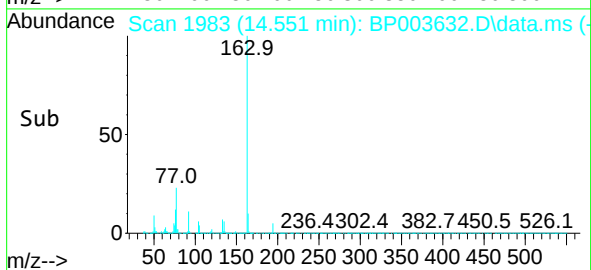
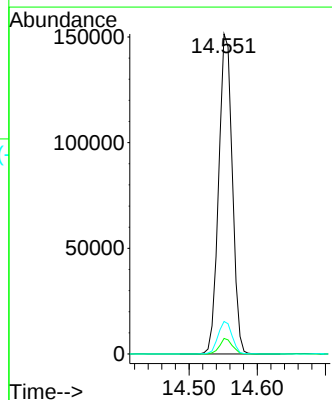
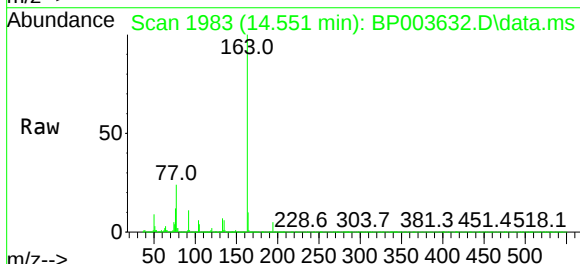
Instrument :
BNA_P
ClientSampled :
MH-N

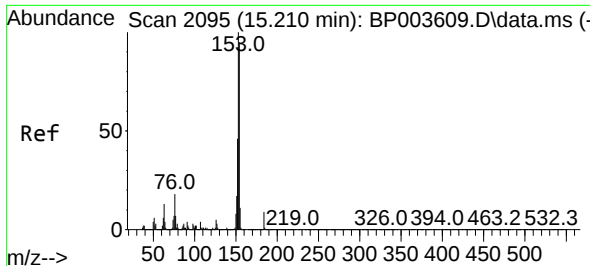
Tgt Ion: 65 Resp: 66
Ion Ratio Lower Upper
65 100
92 67.4 70.6 106.0#
138 0.0 133.6 200.4#



#50
Dimethylphthalate
Concen: 11.11 ng
RT: 14.551 min Scan# 1983
Delta R.T. -0.018 min
Lab File: BP003632.D
Acq: 15 Oct 2020 19:41

Tgt Ion: 163 Resp: 210277
Ion Ratio Lower Upper
163 100
194 4.8 3.3 4.9
164 10.1 8.2 12.2

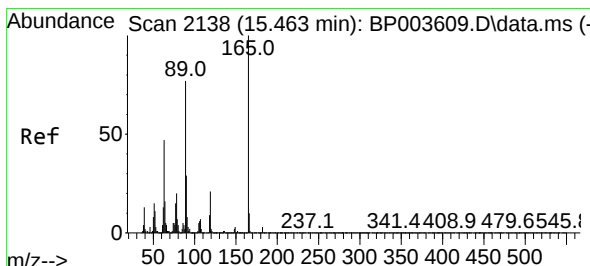
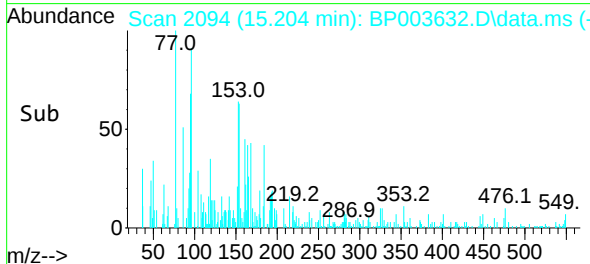
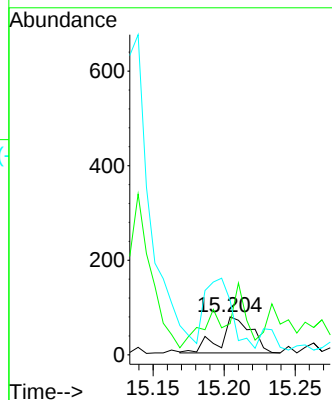
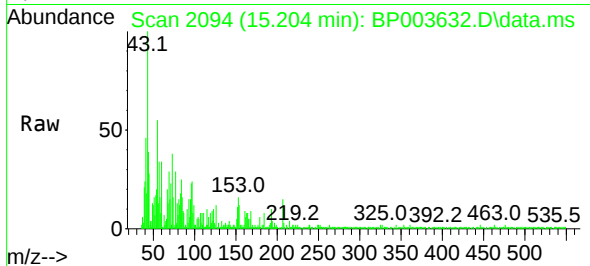




#54
2,4-Dinitrophenol
Concen: 2.22 ng
RT: 15.204 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP003632.D
Acq: 15 Oct 2020 19:41

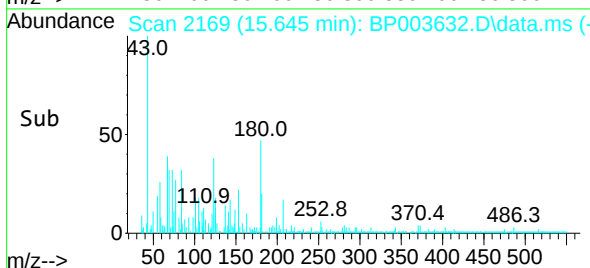
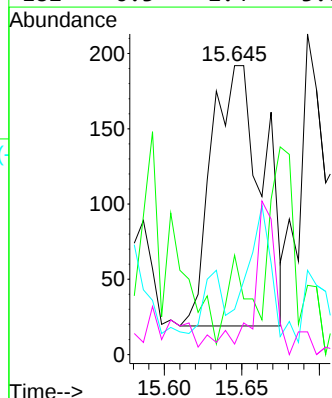
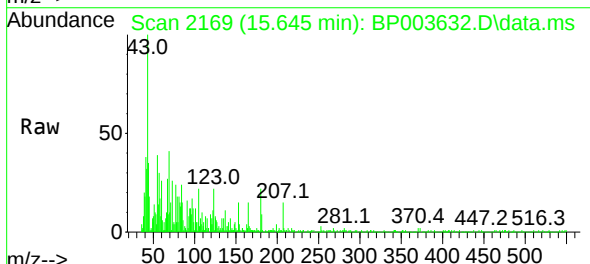
Instrument :
BNA_P
ClientSampleId :
MH-N

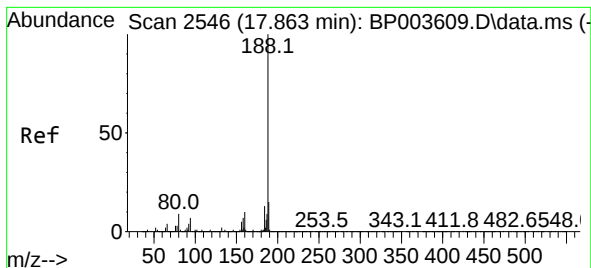
Tgt Ion:	184	Resp:	116
Ion	Ratio	Lower	Upper
184	100		
63	82.5	32.3	48.5#
154	143.8	49.1	73.7#



#57
2,4-Dinitrotoluene
Concen: 3.63 ng
RT: 15.645 min Scan# 2169
Delta R.T. 0.182 min
Lab File: BP003632.D
Acq: 15 Oct 2020 19:41

Tgt Ion:	165	Resp:	399
Ion	Ratio	Lower	Upper
165	100		
63	34.4	20.6	31.0#
89	25.0	42.6	63.8#
182	6.3	2.4	3.6#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.851 min Scan# 2544

Delta R.T. -0.012 min

Lab File: BP003632.D

Acq: 15 Oct 2020 19:41

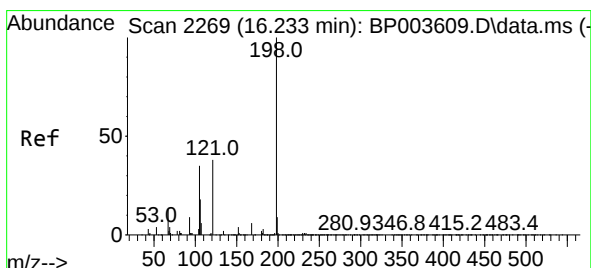
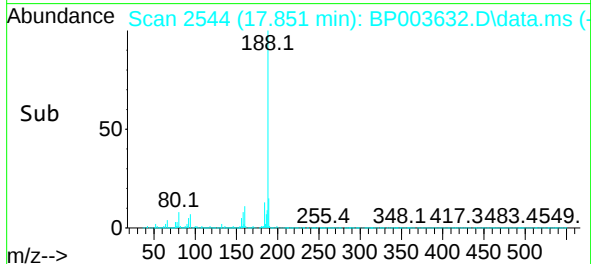
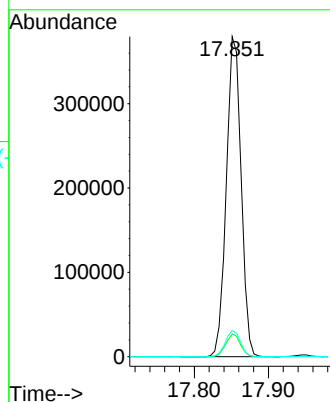
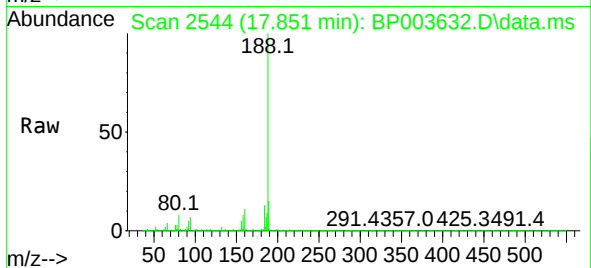
Instrument :

BNA_P

ClientSampleId :

MH-N

Tgt Ion:188	Resp: 524951
Ion Ratio	Lower Upper
188 100	
94 7.1	6.2 9.2
80 8.1	6.2 9.2



#65

4,6-Dinitro-2-methylphenol

Concen: 7.40 ng

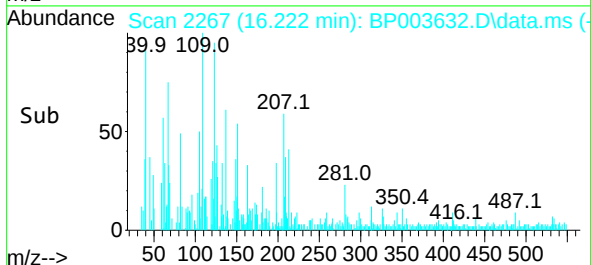
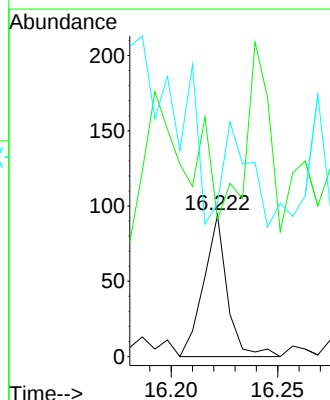
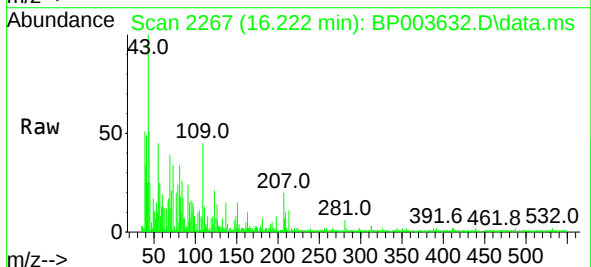
RT: 16.222 min Scan# 2267

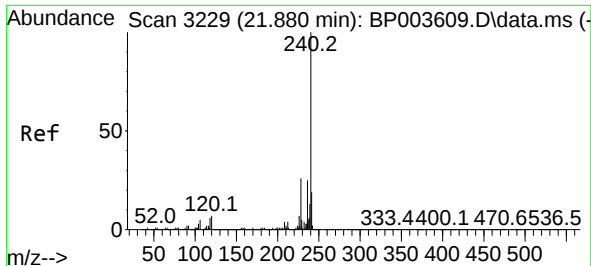
Delta R.T. -0.011 min

Lab File: BP003632.D

Acq: 15 Oct 2020 19:41

Tgt Ion:198	Resp: 72
Ion Ratio	Lower Upper
198 100	
51 96.8	6.4 46.4#
105 122.3	18.9 58.9#

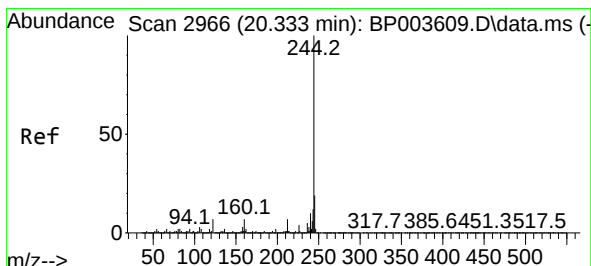
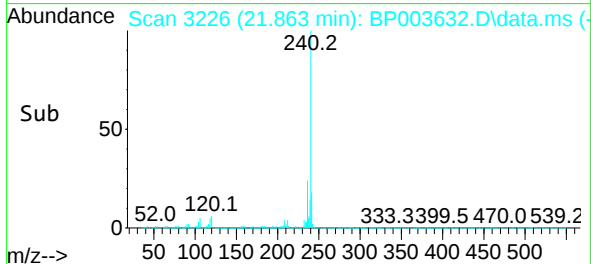
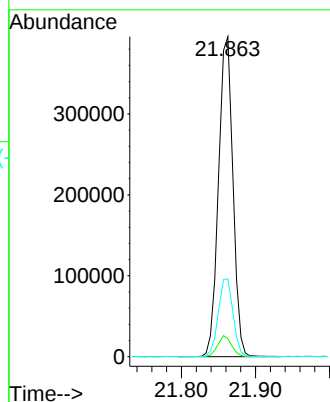
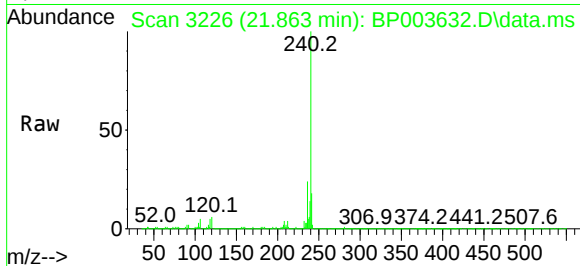




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.863 min Scan# 3226
Delta R.T. -0.018 min
Lab File: BP003632.D
Acq: 15 Oct 2020 19:41

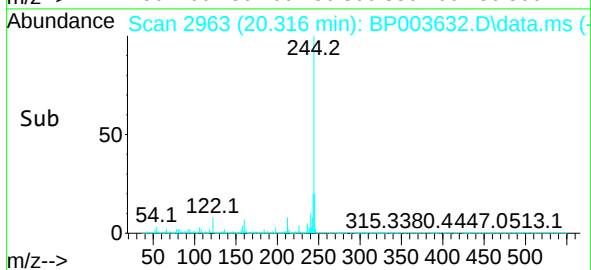
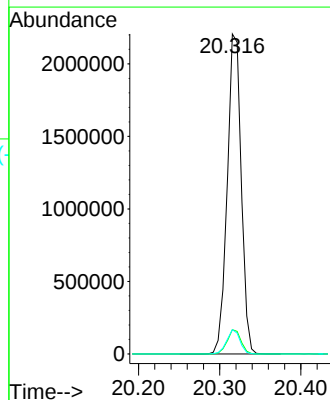
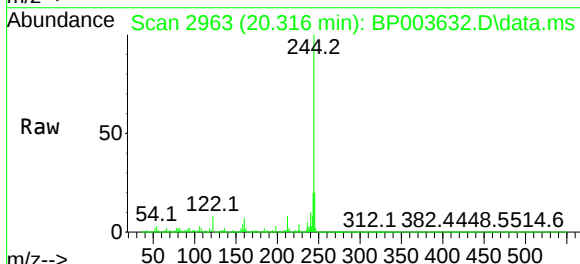
Instrument :
BNA_P
ClientSampleId :
MH-N

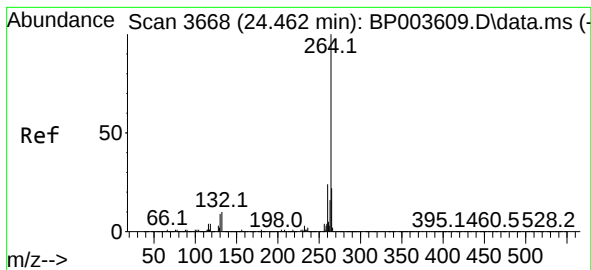
Tgt Ion:240 Resp: 534910
Ion Ratio Lower Upper
240 100
120 5.6 7.8 11.6#
236 24.3 20.8 31.2



#79
Terphenyl-d14
Concen: 89.61 ng
RT: 20.316 min Scan# 2963
Delta R.T. -0.018 min
Lab File: BP003632.D
Acq: 15 Oct 2020 19:41

Tgt Ion:244 Resp: 2649345
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 7.6 7.8 11.8#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.433 min Scan# 3663
 Delta R.T. -0.029 min
 Lab File: BP003632.D
 Acq: 15 Oct 2020 19:41

Instrument :
 BNA_P
 ClientSampleId :
 MH-N

Tgt Ion:264 Resp: 526700
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.8 28.2
 265 21.3 17.4 26.2

