

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
 Data File : BP003586.D
 Acq On : 08 Oct 2020 23:29
 Operator : CG/JU
 Sample : L4299-06 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 86-96-COMP

Quant Time: Oct 09 02:01:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 15:55:58 2020
 Response via : Initial Calibration

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

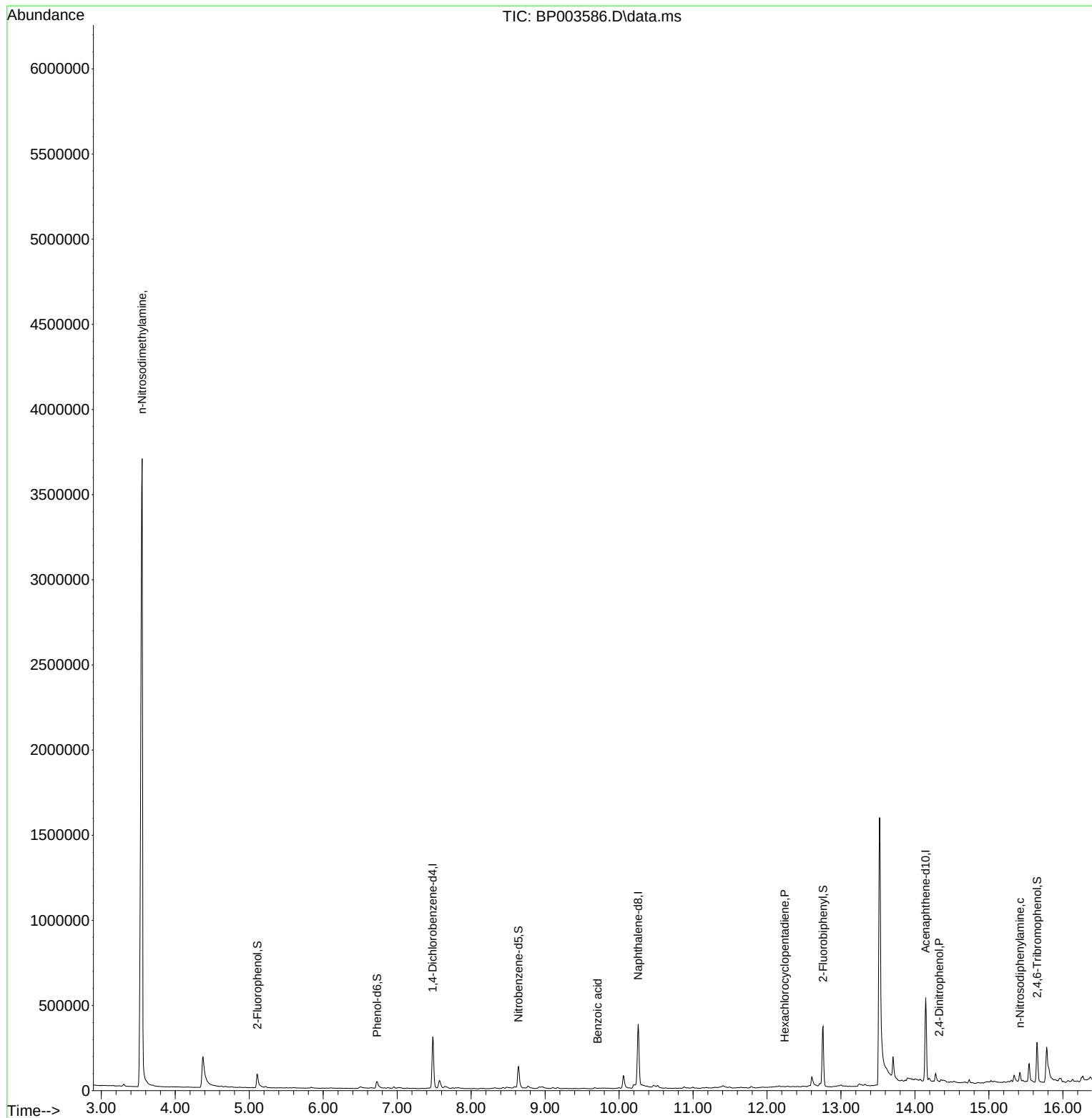
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.481	152	82597	20.00	ng	0.00
21) Naphthalene-d8	10.258	136	293527	20.00	ng	0.00
39) Acenaphthene-d10	14.146	164	157847	20.00	ng	0.00
64) Phenanthrene-d10	16.904	188	319179	20.00	ng	0.00
76) Chrysene-d12	21.016	240	371820	20.00	ng	0.00
86) Perylene-d12	23.192	264	434791	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.111	112	45771	9.68	ng	0.01
7) Phenol-d6	6.728	99	34248	5.43	ng	0.04
23) Nitrobenzene-d5	8.640	82	82955	16.60	ng	0.00
42) 2,4,6-Tribromophenol	15.651	330	50645	21.04	ng	0.00
45) 2-Fluorobiphenyl	12.757	172	181019	16.77	ng	0.00
79) Terphenyl-d14	19.486	244	245133	13.74	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	3.552	42	173673	112.18	ng	Qvalue
32) Benzoic acid	9.710	122	16	9.16	ng	# 1
41) Hexachlorocyclopentadiene	12.240	237	28	6.86	ng	82
54) 2,4-Dinitrophenol	14.328	184	8	7.26	ng	# 1
66) n-Nitrosodiphenylamine	15.422	169	22066	2.35	ng	99
70) Pentachlorophenol	16.704	266	38	6.79	ng	88

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

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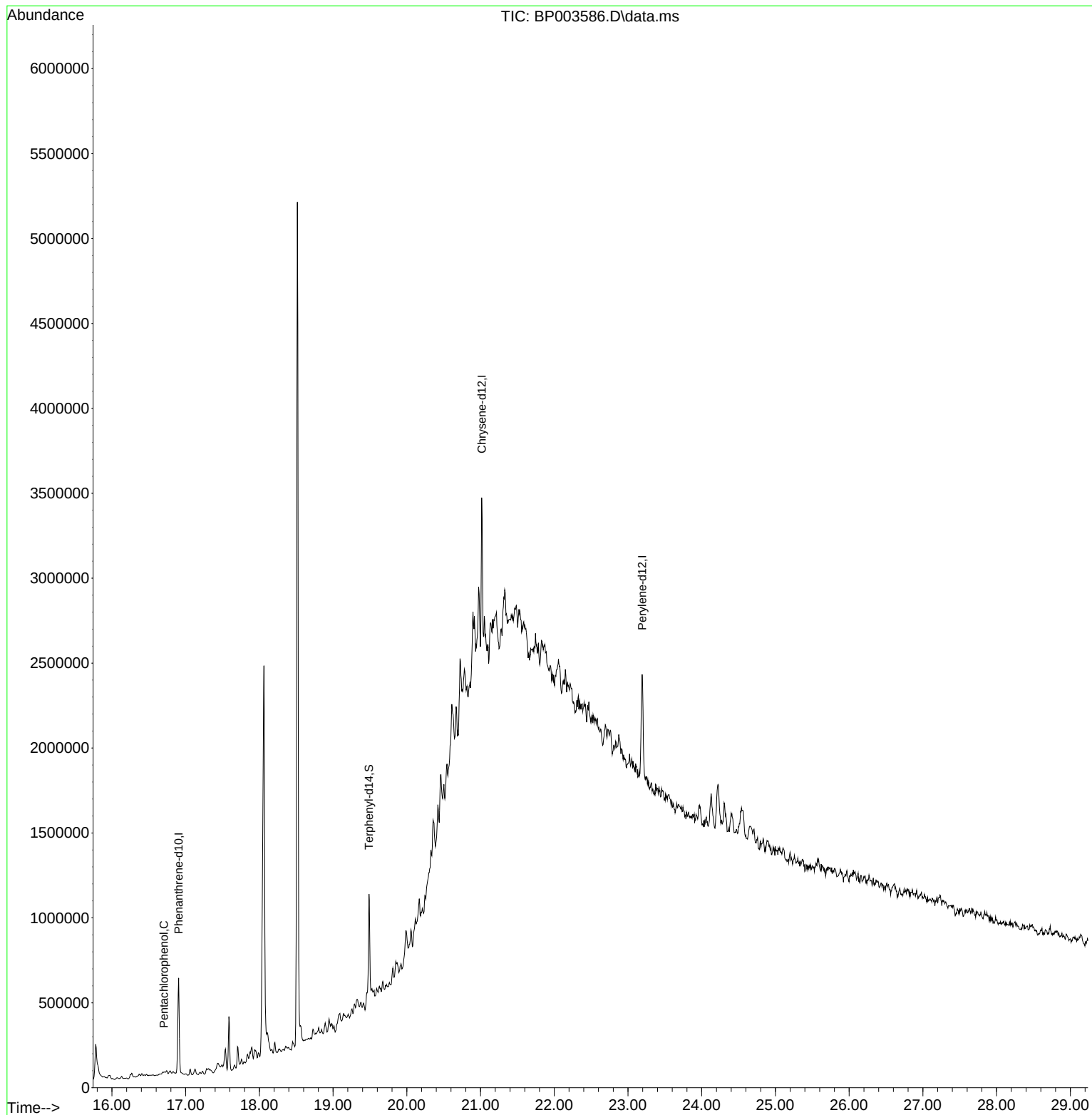
Quant Time: Oct 09 02:01:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 08 15:55:58 2020
Response via : Initial Calibration

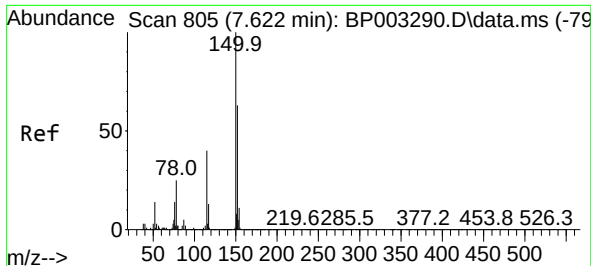


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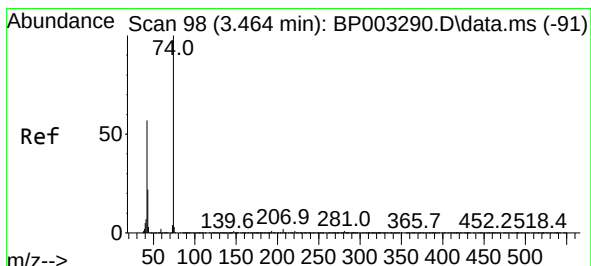
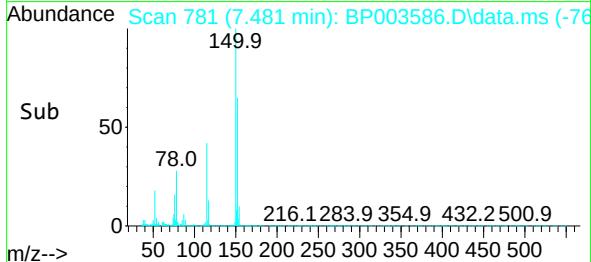
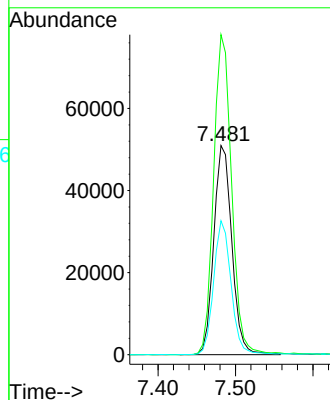
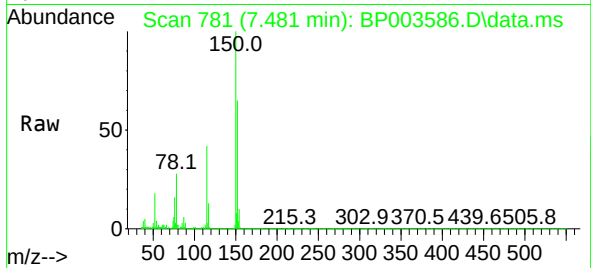




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.481 min Scan# 781
Delta R.T. 0.000 min
Lab File: BP003586.D
Acq: 08 Oct 2020 23:29

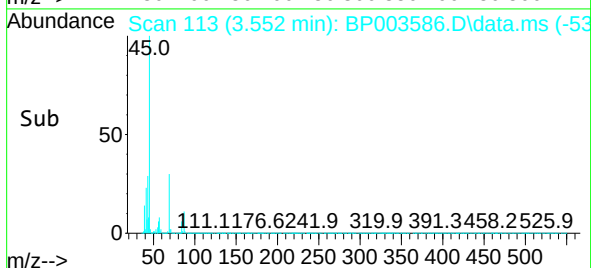
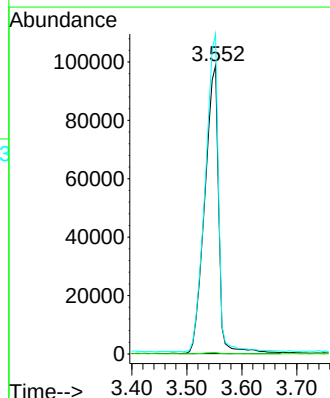
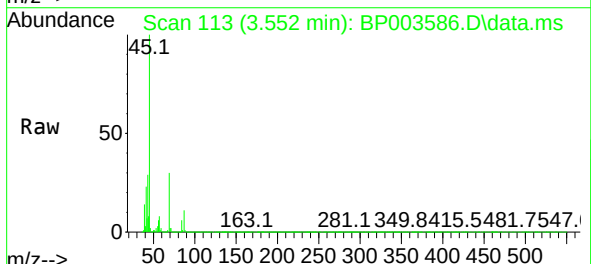
Instrument :
BNA_P
ClientSampleId :
86-96-COMP

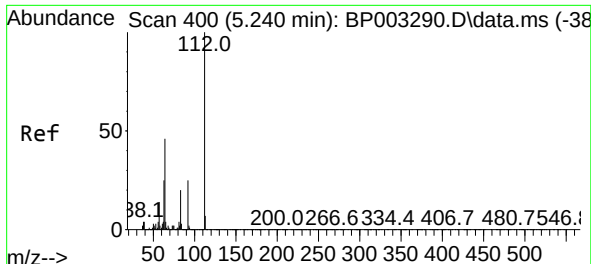
Tgt Ion:152 Resp: 82597
Ion Ratio Lower Upper
152 100
150 153.0 123.8 185.6
115 64.0 43.8 65.6



#4
n-Nitrosodimethylamine
Concen: 112.18 ng
RT: 3.552 min Scan# 113
Delta R.T. 0.253 min
Lab File: BP003586.D
Acq: 08 Oct 2020 23:29

Tgt Ion: 42 Resp: 173673
Ion Ratio Lower Upper
42 100
74 0.5 148.6 223.0#
44 111.0 5.3 7.9#

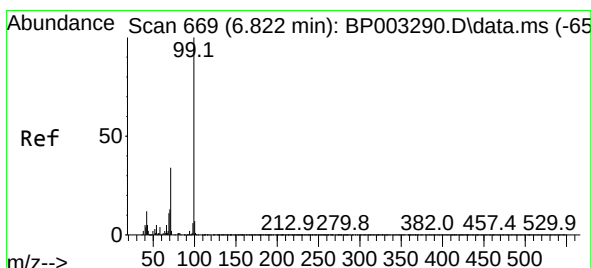
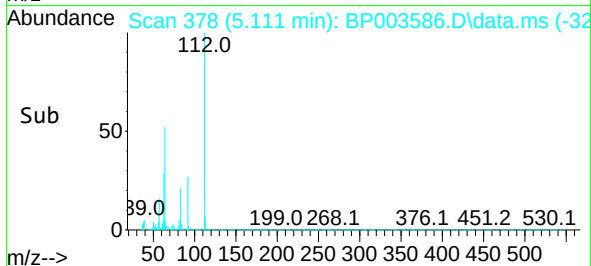
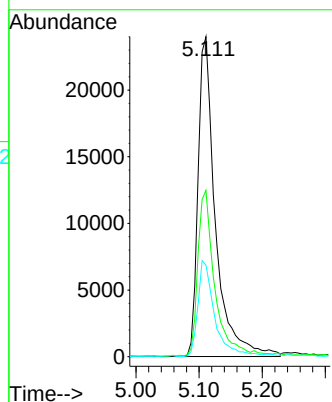
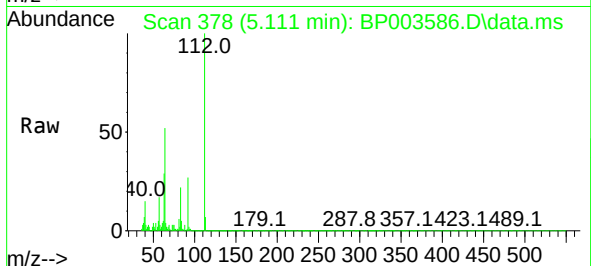




#5
2-Fluorophenol
Concen: 9.68 ng
RT: 5.111 min Scan# 378
Delta R.T. 0.012 min
Lab File: BP003586.D
Acq: 08 Oct 2020 23:29

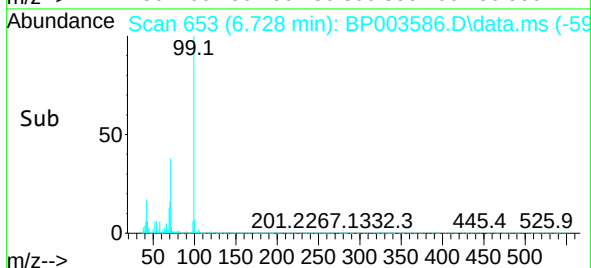
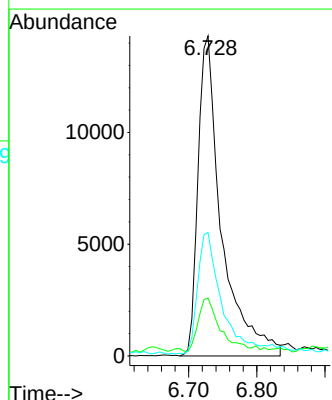
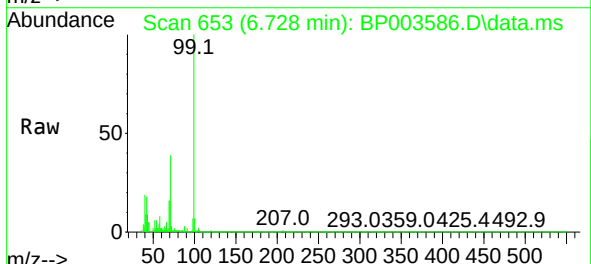
Instrument :
BNA_P
ClientSampleId :
86-96-COMP

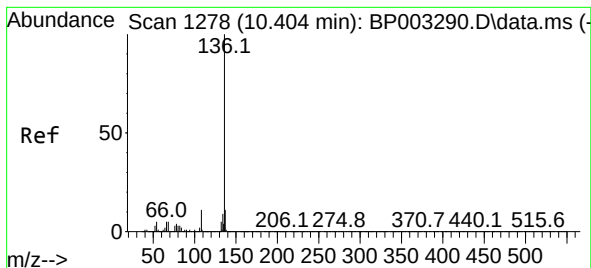
Tgt Ion:112 Resp: 45771
Ion Ratio Lower Upper
112 100
64 51.9 32.8 49.2#
63 28.6 17.0 25.4#



#7
Phenol-d6
Concen: 5.43 ng
RT: 6.728 min Scan# 653
Delta R.T. 0.041 min
Lab File: BP003586.D
Acq: 08 Oct 2020 23:29

Tgt Ion: 99 Resp: 34248
Ion Ratio Lower Upper
99 100
42 18.1 8.6 13.0#
71 38.6 23.4 35.2#

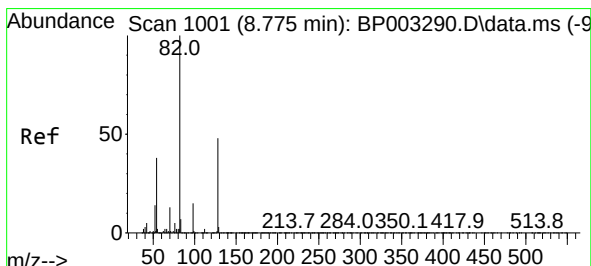
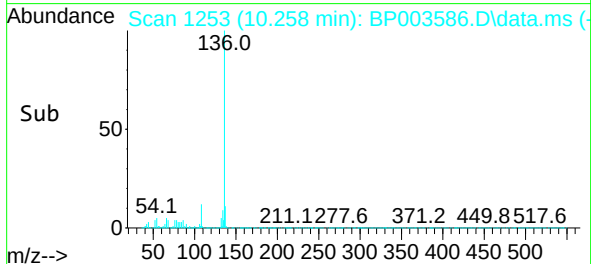
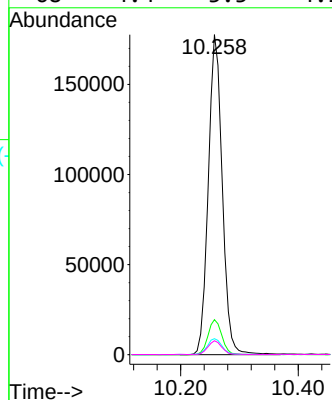
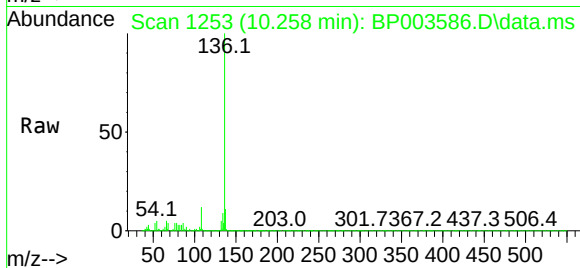




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.258 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BP003586.D
Acq: 08 Oct 2020 23:29

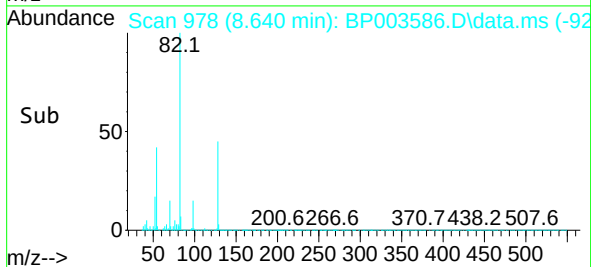
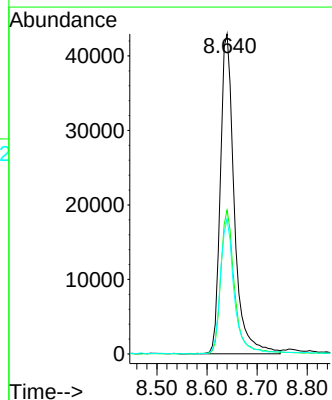
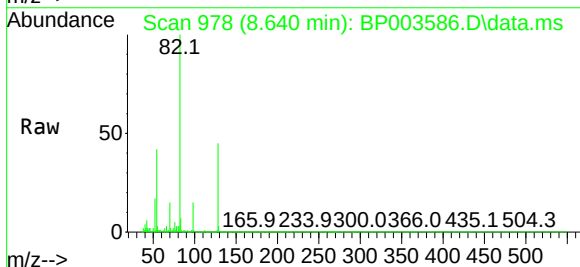
Instrument :
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86-96-COMP

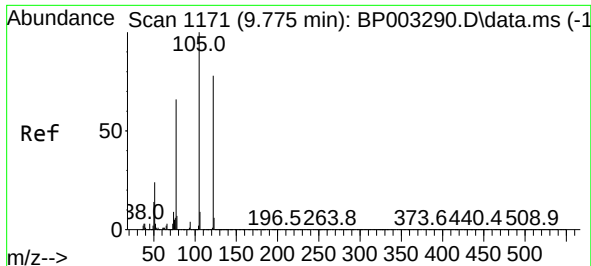
Tgt Ion:	136	Resp:	293527
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	5.0	3.6	5.4
68	4.4	3.3	4.9



#23
Nitrobenzene-d5
Concen: 16.60 ng
RT: 8.640 min Scan# 978
Delta R.T. 0.006 min
Lab File: BP003586.D
Acq: 08 Oct 2020 23:29

Tgt Ion:	82	Resp:	82955
Ion Ratio	Lower	Upper	
82	100		
128	45.0	45.6	68.4#
54	42.2	30.1	45.1

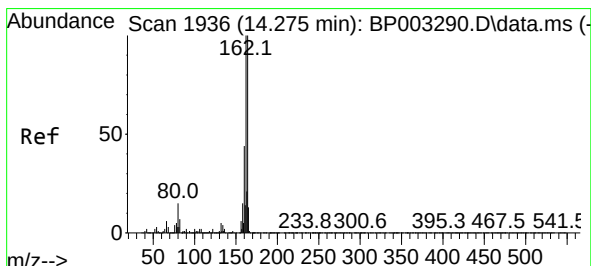
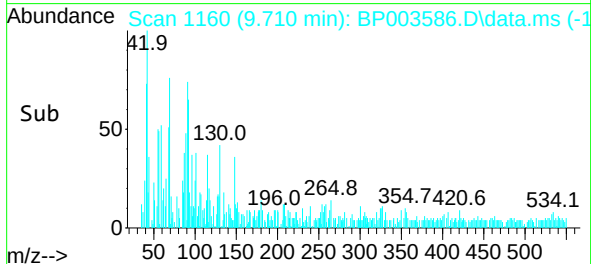
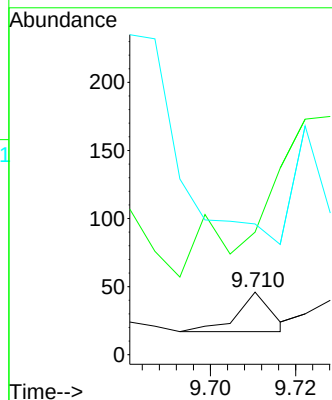
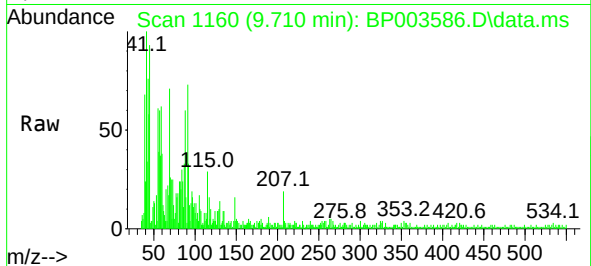




#32
Benzoic acid
Concen: 9.16 ng
RT: 9.710 min Scan# 1160
Delta R.T. 0.030 min
Lab File: BP003586.D
Acq: 08 Oct 2020 23:29

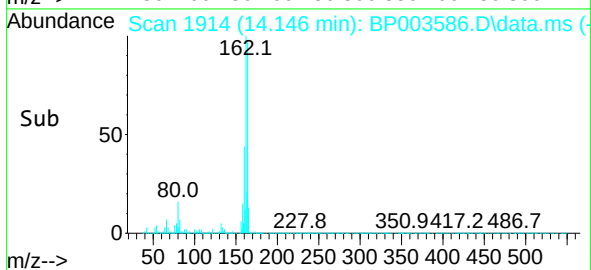
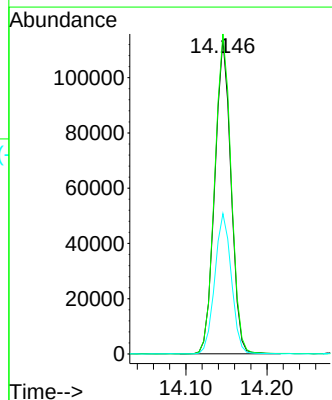
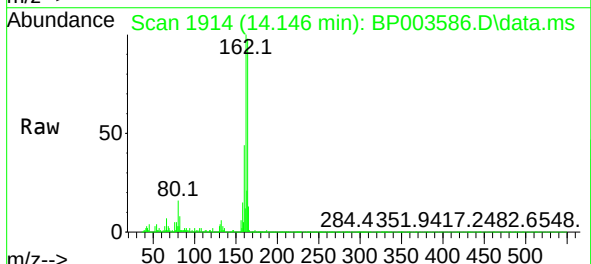
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ClientSampleId :
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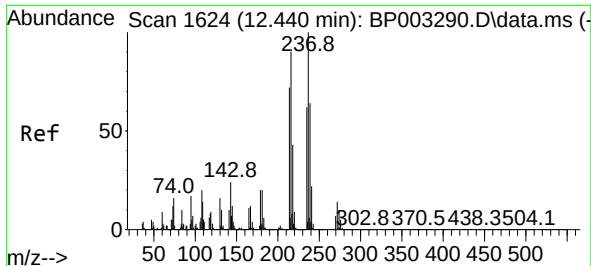
Tgt Ion:122 Resp: 16
Ion Ratio Lower Upper
122 100
105 195.7 94.1 134.1#
77 208.7 50.1 90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.146 min Scan# 1914
Delta R.T. 0.006 min
Lab File: BP003586.D
Acq: 08 Oct 2020 23:29

Tgt Ion:164 Resp: 157847
Ion Ratio Lower Upper
164 100
162 101.6 79.4 119.2
160 44.6 36.1 54.1

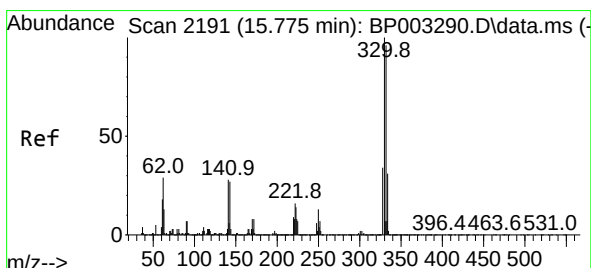
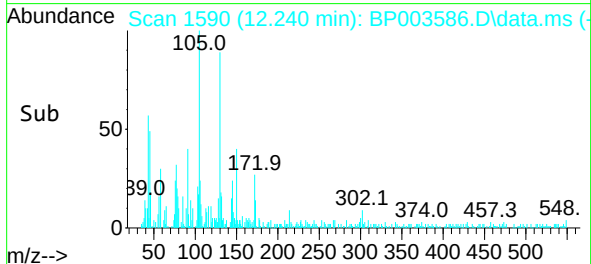
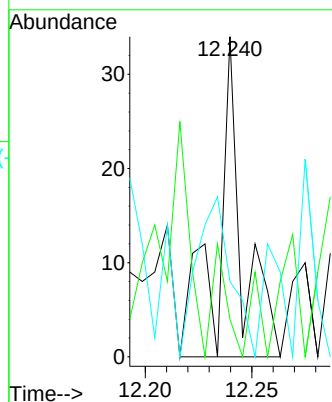
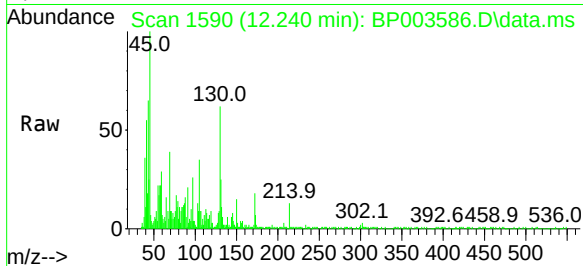




#41
Hexachlorocyclopentadiene
Concen: 6.86 ng
RT: 12.240 min Scan# 1590
Delta R.T. -0.053 min
Lab File: BP003586.D
Acq: 08 Oct 2020 23:29

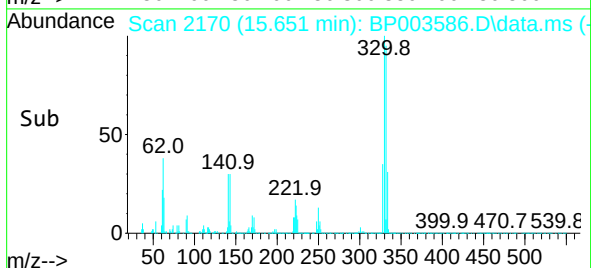
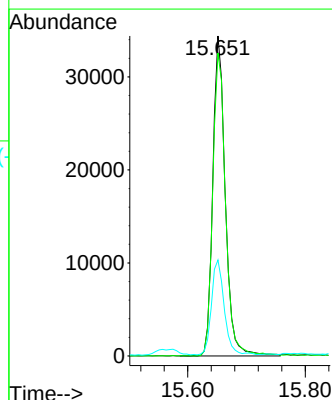
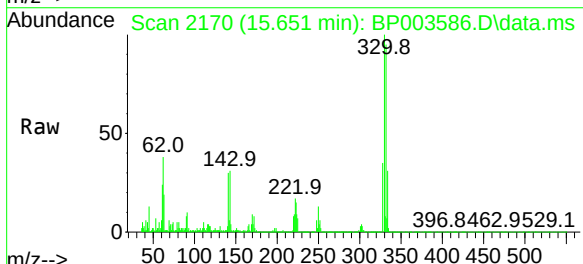
Instrument :
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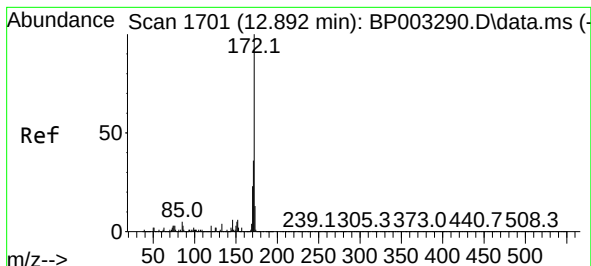
Tgt Ion:237	Resp:	28
Ion Ratio	Lower	Upper
237	100	
235	50.0	43.2 83.2
272	23.5	0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 21.04 ng
RT: 15.651 min Scan# 2170
Delta R.T. 0.006 min
Lab File: BP003586.D
Acq: 08 Oct 2020 23:29

Tgt Ion:330	Resp:	50645
Ion Ratio	Lower	Upper
330	100	
332	97.3	77.1 115.7
141	30.3	23.4 35.2

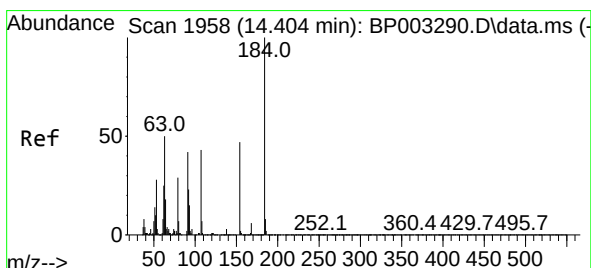
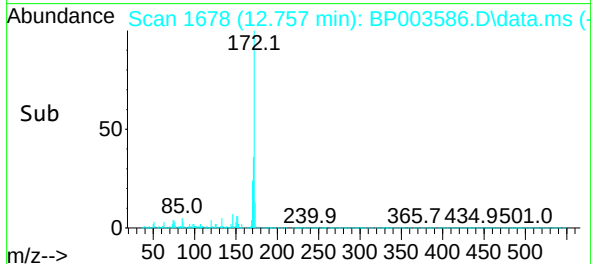
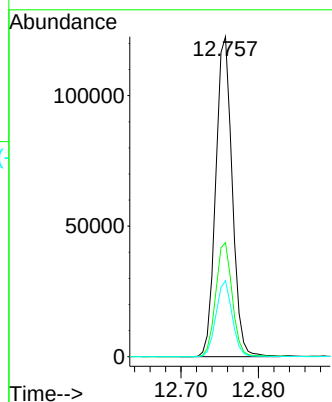
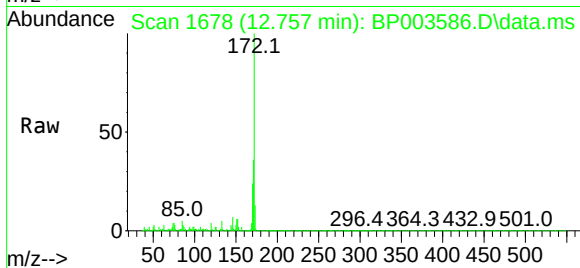




#45
2-Fluorobiphenyl
Concen: 16.77 ng
RT: 12.757 min Scan# 1678
Delta R.T. 0.006 min
Lab File: BP003586.D
Acq: 08 Oct 2020 23:29

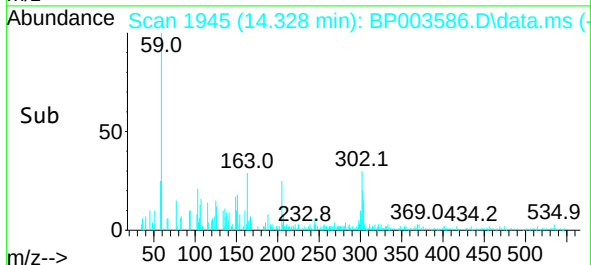
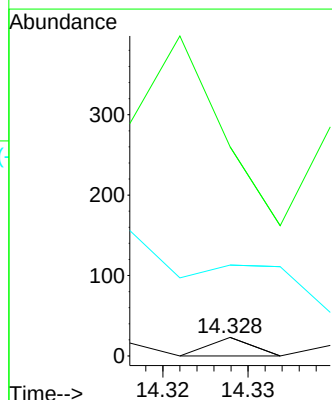
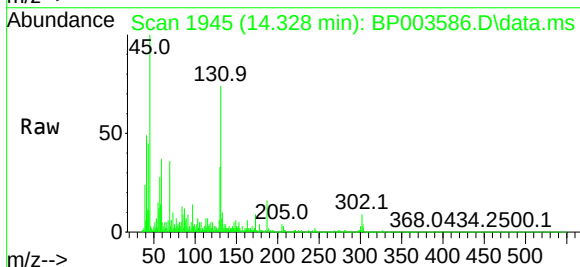
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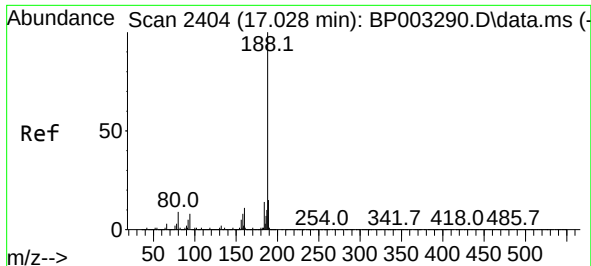
Tgt Ion:172 Resp: 181019
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.8 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.328 min Scan# 1945
Delta R.T. 0.012 min
Lab File: BP003586.D
Acq: 08 Oct 2020 23:29

Tgt Ion:184 Resp: 8
Ion Ratio Lower Upper
184 100
63 1130.4 32.3 48.5#
154 491.3 49.1 73.7#

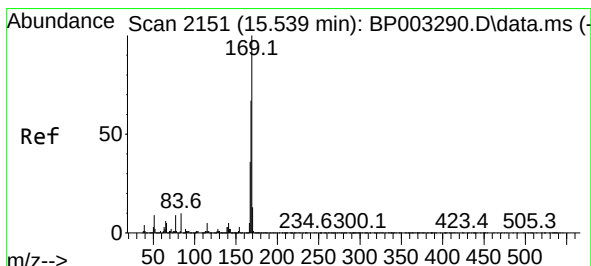
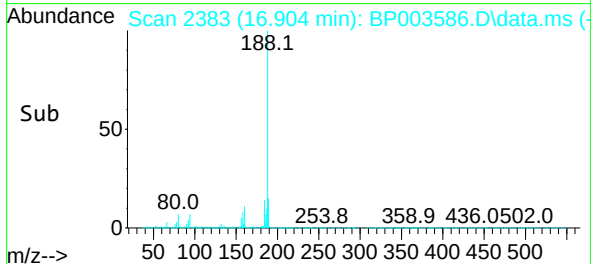
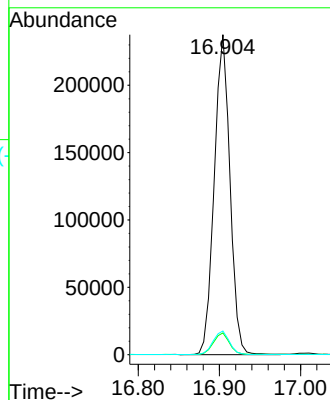
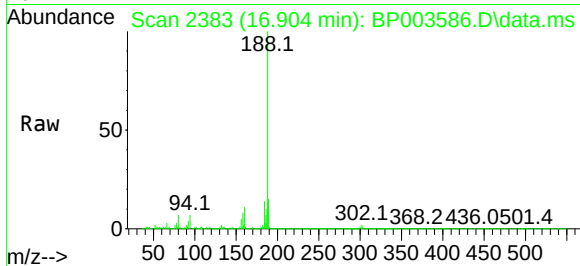




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.904 min Scan# 2383
Delta R.T. 0.006 min
Lab File: BP003586.D
Acq: 08 Oct 2020 23:29

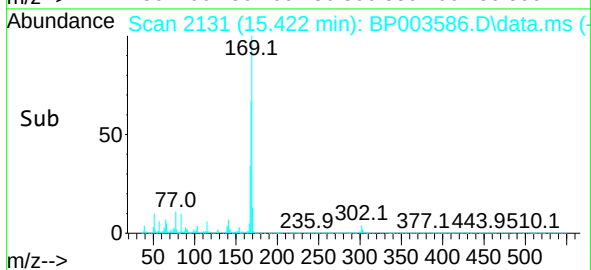
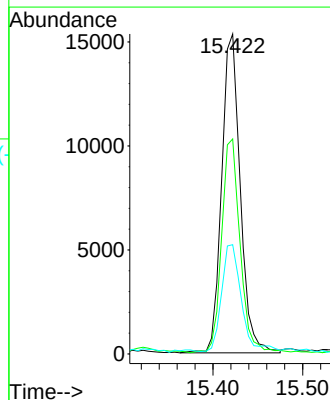
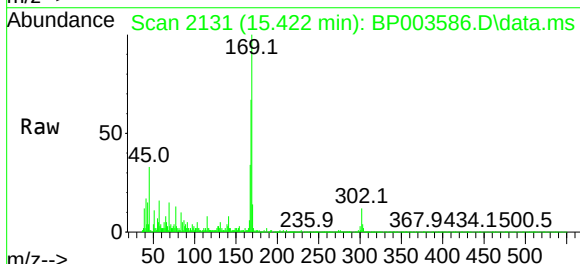
Instrument :
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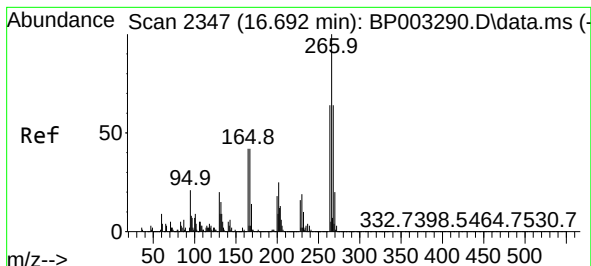
Tgt Ion:188 Resp: 319179
Ion Ratio Lower Upper
188 100
94 6.8 6.2 9.2
80 7.4 6.2 9.2



#66
n-Nitrosodiphenylamine
Concen: 2.35 ng
RT: 15.422 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BP003586.D
Acq: 08 Oct 2020 23:29

Tgt Ion:169 Resp: 22066
Ion Ratio Lower Upper
169 100
168 67.2 53.8 80.6
167 34.1 28.9 43.3





#70

Pentachlorophenol

Concen: 6.79 ng

RT: 16.704 min Scan# 2349

Delta R.T. 0.124 min

Lab File: BP003586.D

Acq: 08 Oct 2020 23:29

Instrument :

BNA_P

ClientSampleId :

86-96-COMP

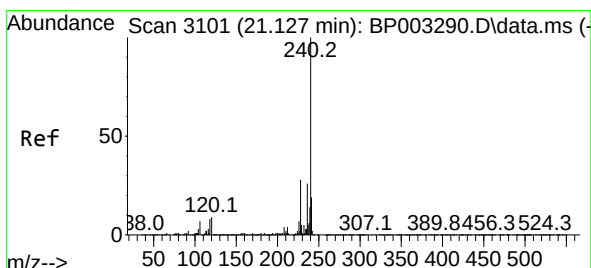
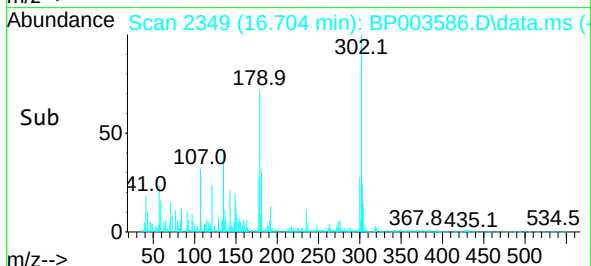
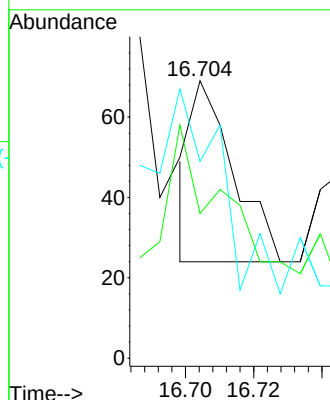
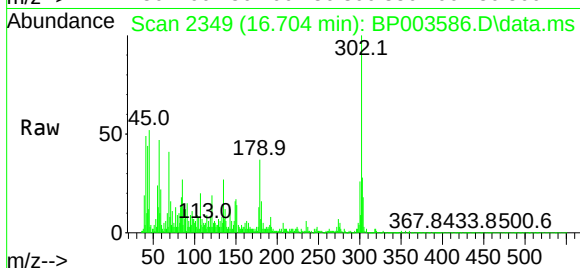
Tgt Ion:266 Resp: 38

Ion Ratio Lower Upper

266 100

268 52.2 51.1 76.7

264 71.0 50.6 76.0



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.016 min Scan# 3082

Delta R.T. 0.006 min

Lab File: BP003586.D

Acq: 08 Oct 2020 23:29

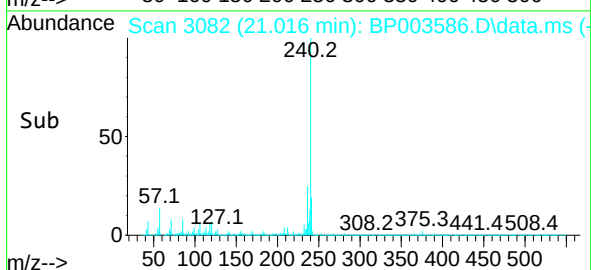
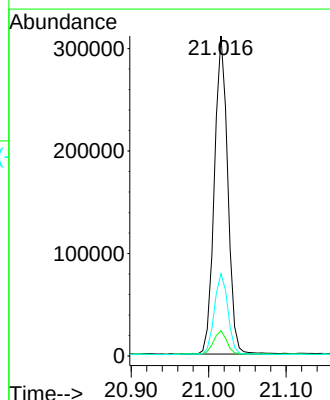
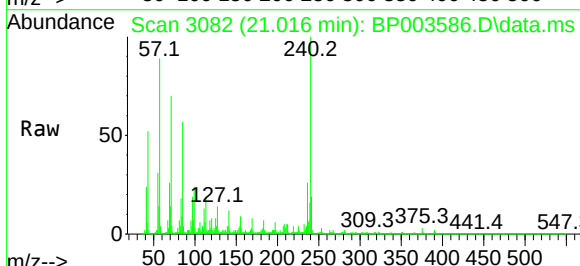
Tgt Ion:240 Resp: 371820

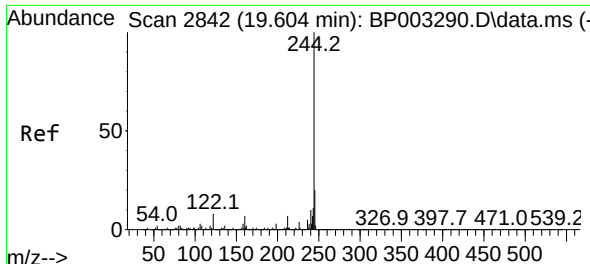
Ion Ratio Lower Upper

240 100

120 7.9 7.8 11.6

236 25.7 20.8 31.2

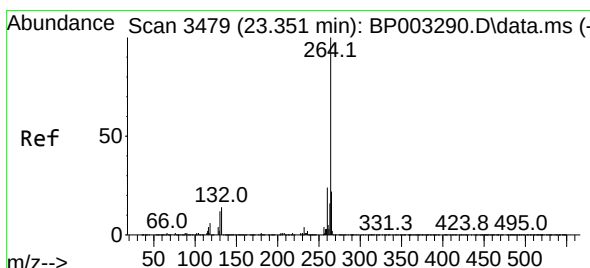
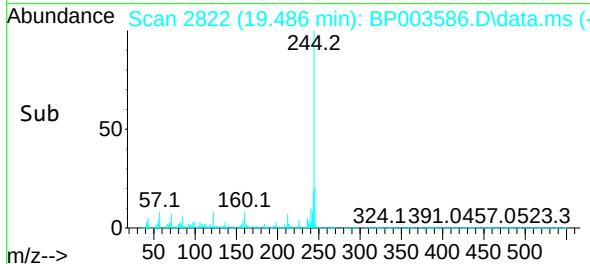
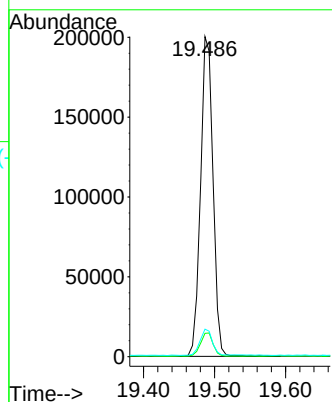
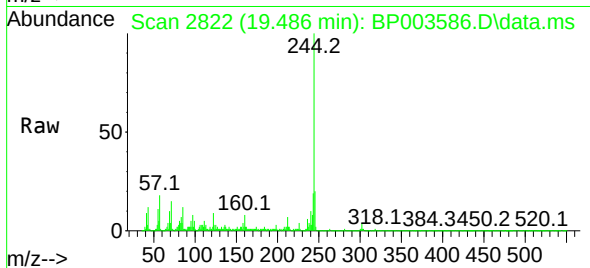




#79
 Terphenyl-d14
 Concen: 13.74 ng
 RT: 19.486 min Scan# 2822
 Delta R.T. 0.000 min
 Lab File: BP003586.D
 Acq: 08 Oct 2020 23:29

Instrument :
 BNA_P
 ClientSampleId :
 86-96-COMP

Tgt Ion:244	Resp:	245133
Ion Ratio	Lower	Upper
244	100	
212	7.3	5.8 8.6
122	8.6	7.8 11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.192 min Scan# 3452
 Delta R.T. 0.018 min
 Lab File: BP003586.D
 Acq: 08 Oct 2020 23:29

Tgt Ion:264	Resp:	434791
Ion Ratio	Lower	Upper
264	100	
260	23.3	18.8 28.2
265	22.2	17.4 26.2

