

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
 Data File : BP009146.D
 Acq On : 14 Feb 2022 21:40
 Operator : CG/JU
 Sample : N1443-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1-NORTH-COMP

Quant Time: Feb 15 00:01:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

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

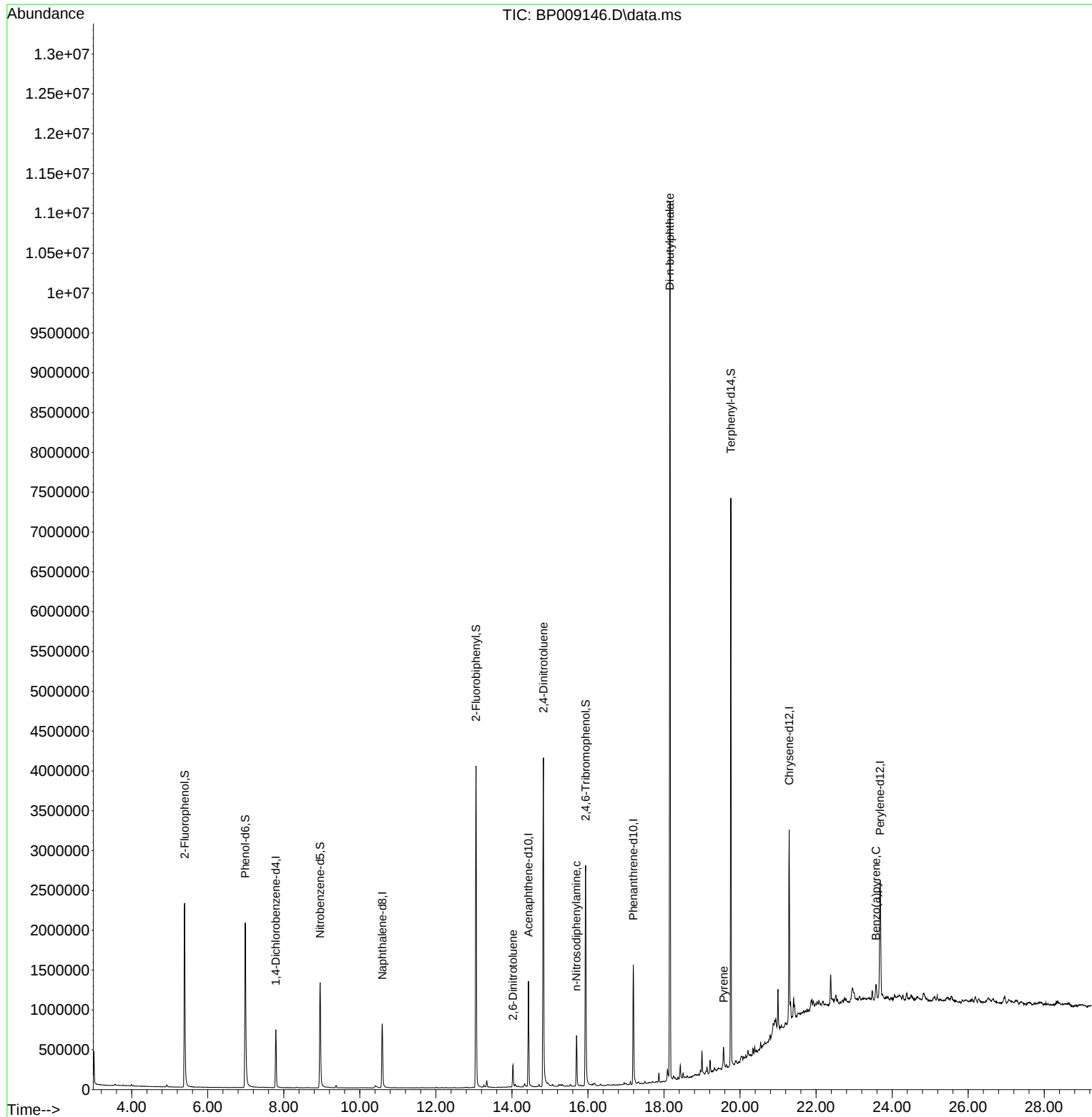
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	226406	20.000	ng	-0.01
21) Naphthalene-d8	10.592	136	807842	20.000	ng	-0.01
39) Acenaphthene-d10	14.433	164	492299	20.000	ng	-0.01
64) Phenanthrene-d10	17.192	188	1020722	20.000	ng	-0.01
76) Chrysene-d12	21.292	240	1157598	20.000	ng	0.00
86) Perylene-d12	23.686	264	1291961	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1243730	97.991	ng	0.00
7) Phenol-d6	6.987	99	1488265	88.989	ng	0.00
23) Nitrobenzene-d5	8.957	82	931827	65.049	ng	-0.01
42) 2,4,6-Tribromophenol	15.939	330	671498	102.159	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	2314886	65.826	ng	-0.01
79) Terphenyl-d14	19.757	244	3566000	55.398	ng	-0.01
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.028	165	72937	9.966	ng	# 86
57) 2,4-Dinitrotoluene	14.827	165	1610180	168.464	ng	94
66) n-Nitrosodiphenylamine	15.698	169	299063	9.661	ng	99
74) Di-n-butylphthalate	18.157	149	8495189	161.758	ng	100
78) Pyrene	19.568	202	182311	2.214	ng	98
90) Benzo(a)pyrene	23.580	252	132941	2.005	ng	# 90

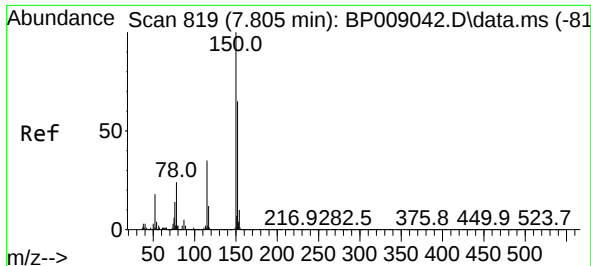
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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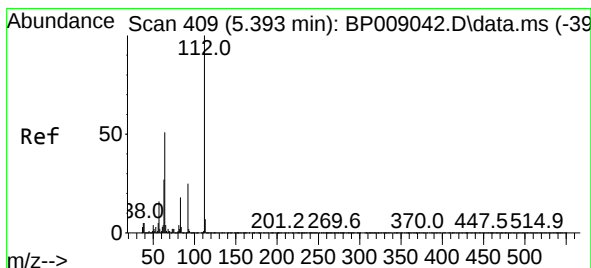
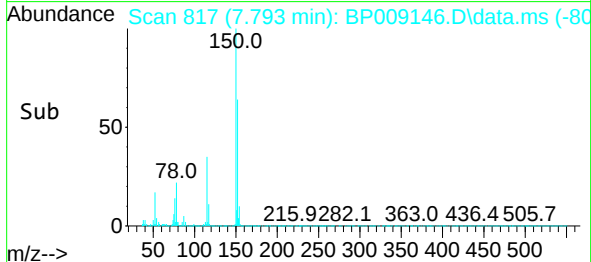
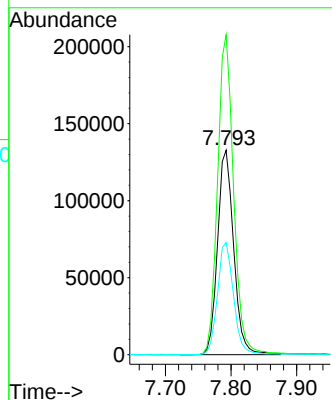
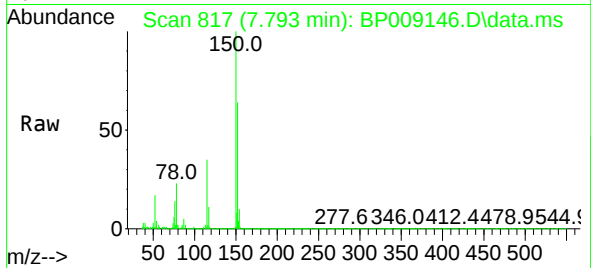




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 819
Delta R.T. -0.012 min
Lab File: BP009146.D
Acq: 14 Feb 2022 21:40

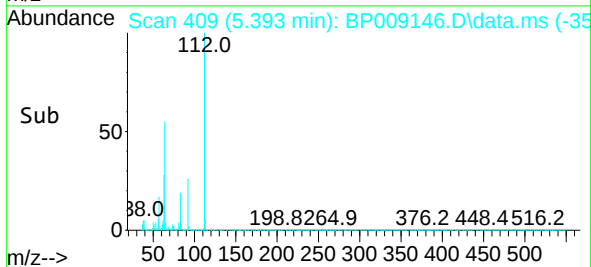
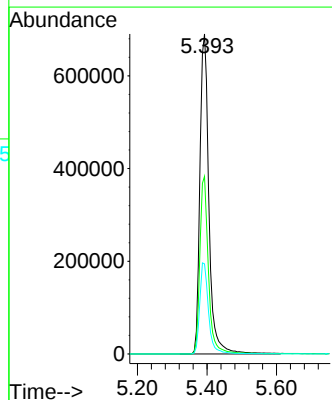
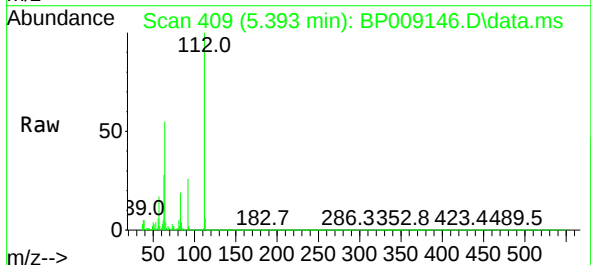
Instrument :
BNA_P
ClientSampleId :
TP-1-NORTH-COMP

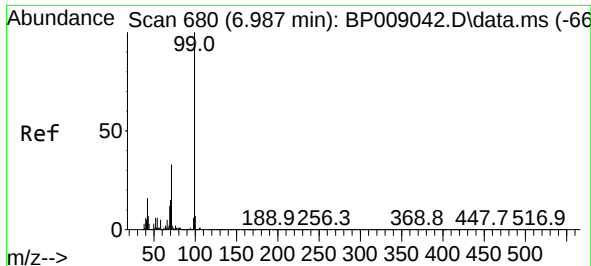
Tgt Ion:152 Resp: 226406
Ion Ratio Lower Upper
152 100
150 156.5 127.0 190.6
115 54.9 43.7 65.5



#5
2-Fluorophenol
Concen: 97.991 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.000 min
Lab File: BP009146.D
Acq: 14 Feb 2022 21:40

Tgt Ion:112 Resp: 1243730
Ion Ratio Lower Upper
112 100
64 55.5 39.7 59.5
63 28.2 20.0 30.0

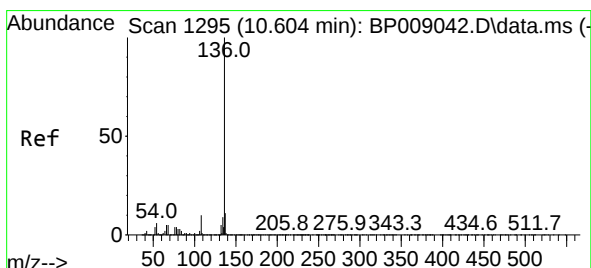
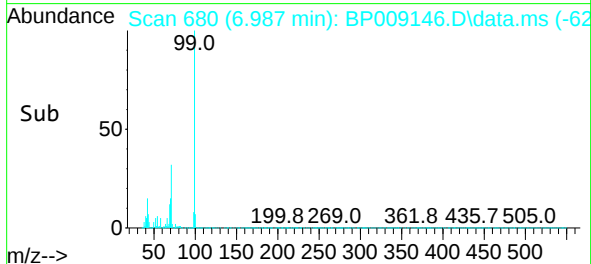
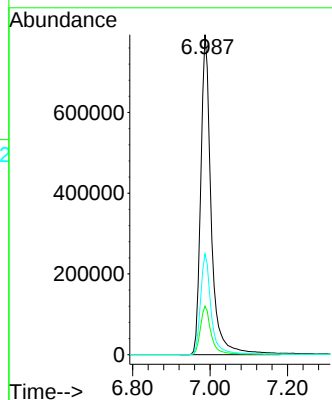
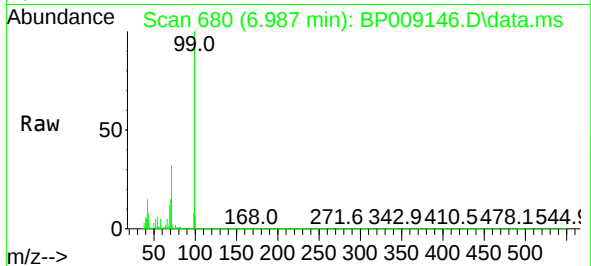




#7
Phenol-d6
Concen: 88.989 ng
RT: 6.987 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP009146.D
Acq: 14 Feb 2022 21:40

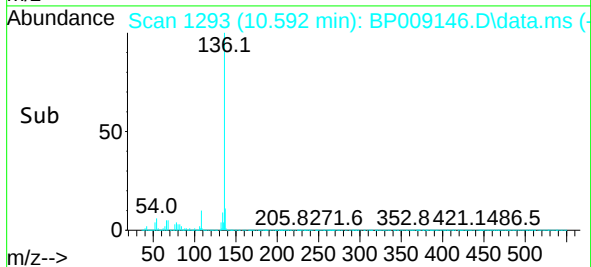
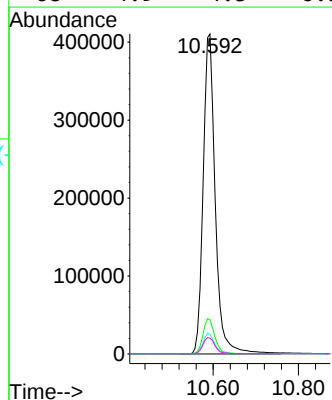
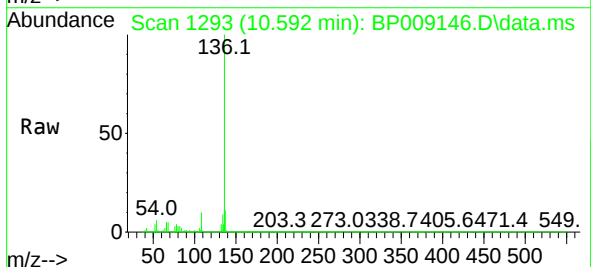
Instrument :
BNA_P
ClientSampleId :
TP-1-NORTH-COMP

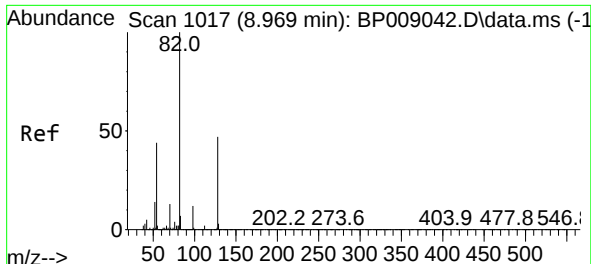
Tgt Ion: 99 Resp: 1488265
Ion Ratio Lower Upper
99 100
42 15.1 10.8 16.2
71 31.5 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.592 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BP009146.D
Acq: 14 Feb 2022 21:40

Tgt Ion: 136 Resp: 807842
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 6.2 4.9 7.3
68 4.9 4.3 6.5

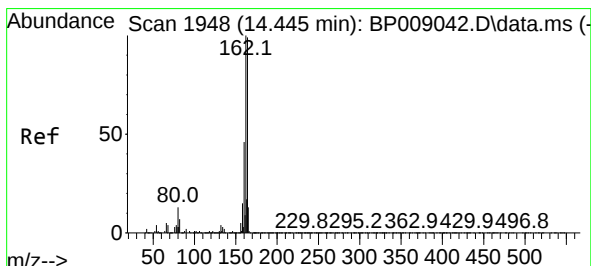
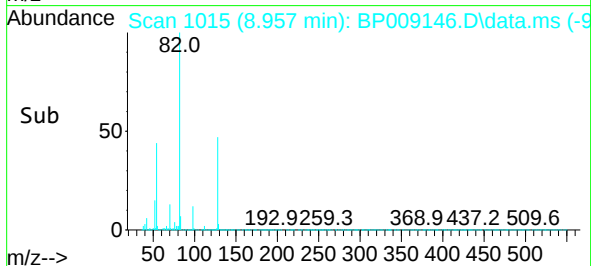
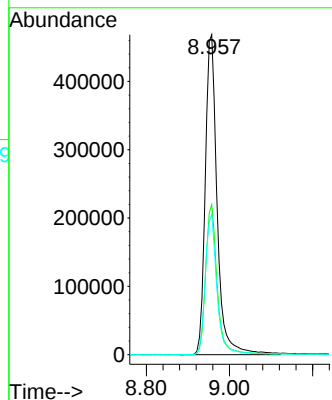
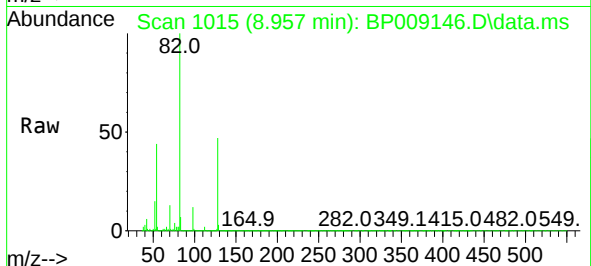




#23
Nitrobenzene-d5
Concen: 65.049 ng
RT: 8.957 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BP009146.D
Acq: 14 Feb 2022 21:40

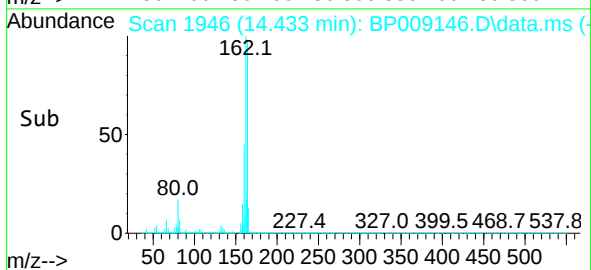
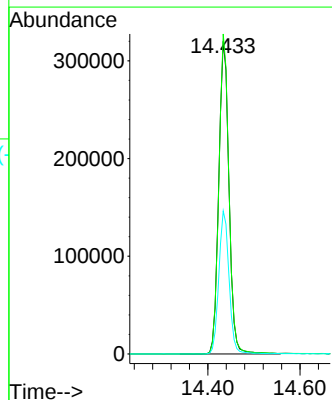
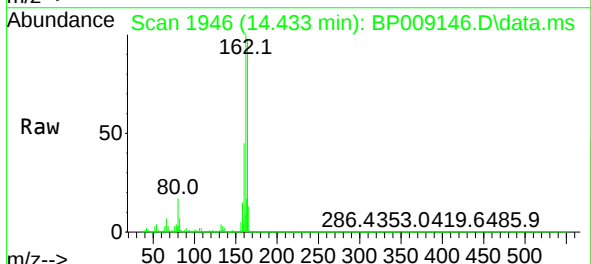
Instrument :
BNA_P
ClientSampleId :
TP-1-NORTH-COMP

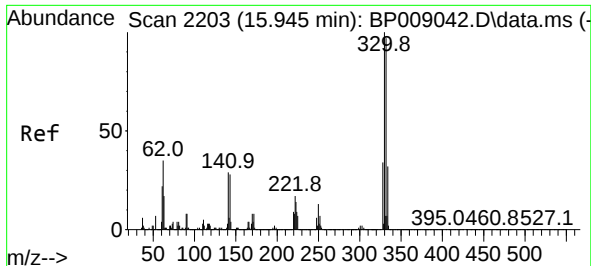
Tgt Ion: 82 Resp: 931827
Ion Ratio Lower Upper
82 100
128 46.8 39.4 59.2
54 43.9 32.6 48.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.433 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP009146.D
Acq: 14 Feb 2022 21:40

Tgt Ion: 164 Resp: 492299
Ion Ratio Lower Upper
164 100
162 102.3 79.9 119.9
160 45.8 35.5 53.3

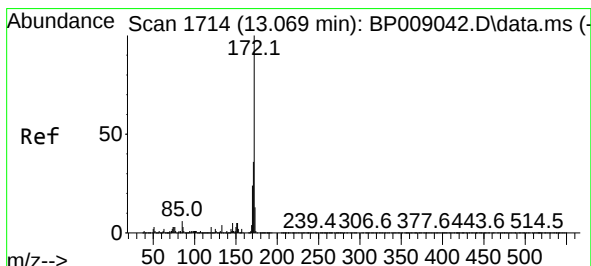
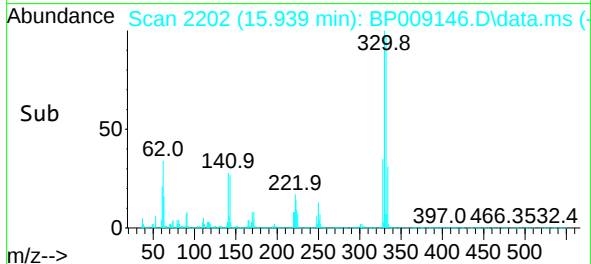
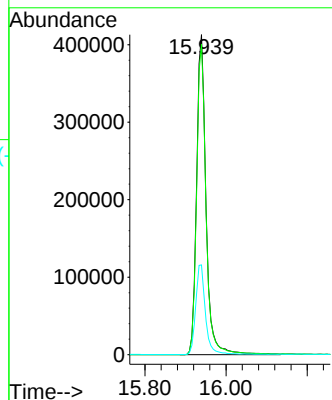
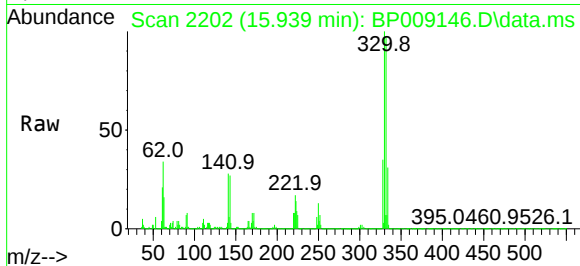




#42
2,4,6-Tribromophenol
Concen: 102.159 ng
RT: 15.939 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009146.D
Acq: 14 Feb 2022 21:40

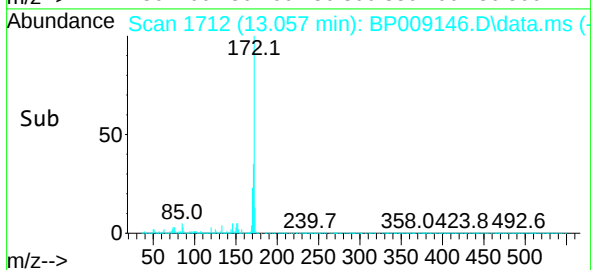
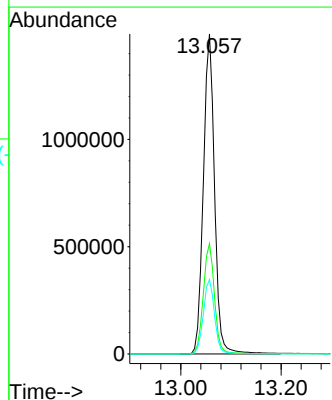
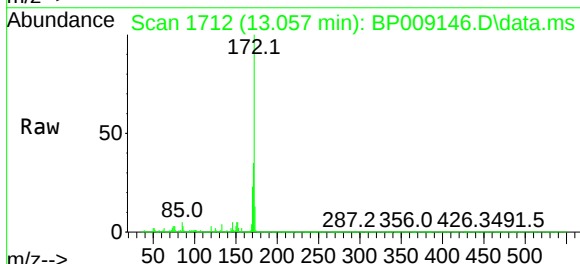
Instrument :
BNA_P
ClientSampleId :
TP-1-NORTH-COMP

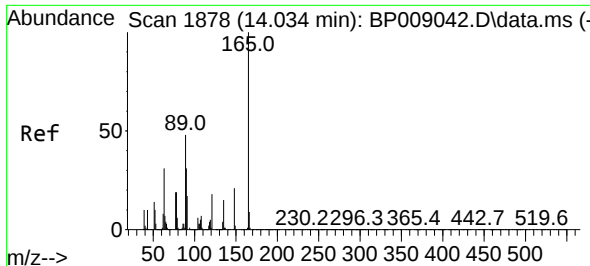
Tgt Ion:330 Resp: 671498
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 28.9 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 65.826 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP009146.D
Acq: 14 Feb 2022 21:40

Tgt Ion:172 Resp: 2314886
Ion Ratio Lower Upper
172 100
171 34.5 29.3 43.9
170 23.2 19.5 29.3

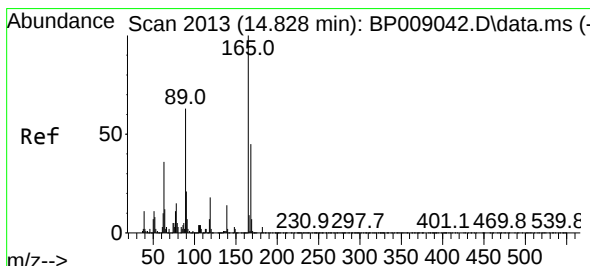
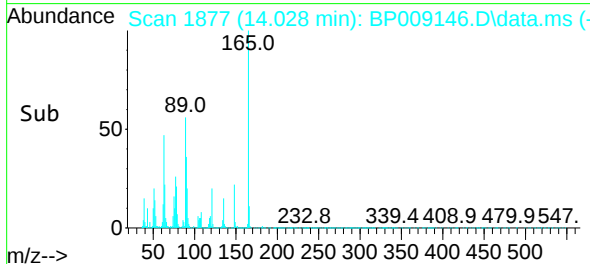
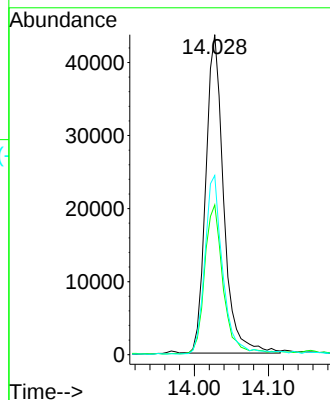
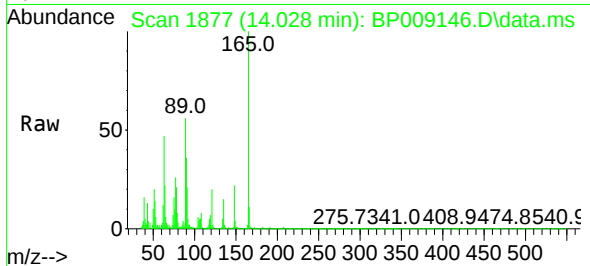




#51
2,6-Dinitrotoluene
Concen: 9.966 ng
RT: 14.028 min Scan# 1878
Delta R.T. -0.006 min
Lab File: BP009146.D
Acq: 14 Feb 2022 21:40

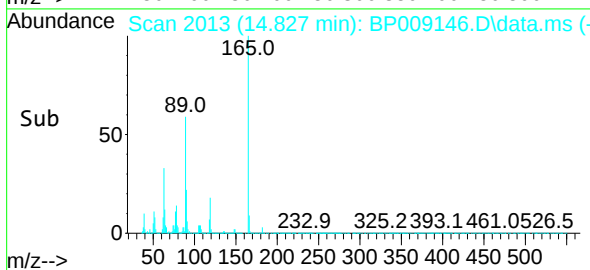
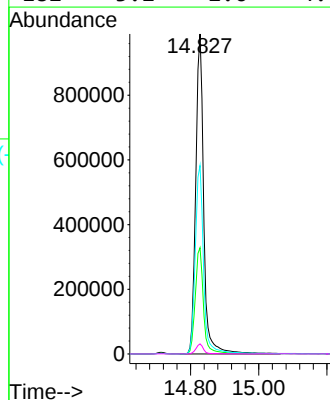
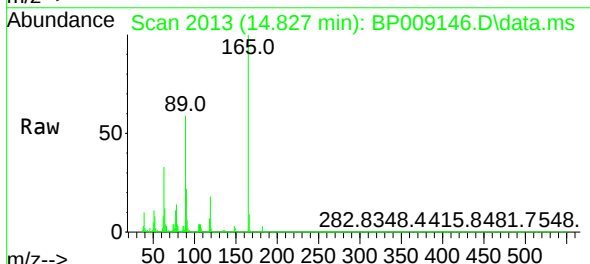
Instrument :
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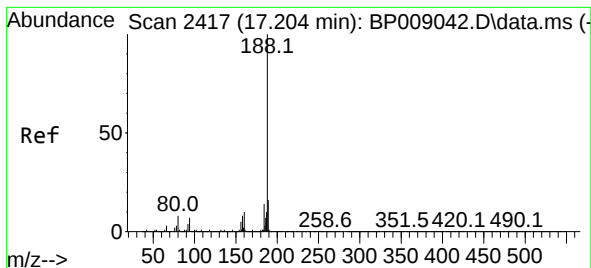
Tgt Ion:165 Resp: 72937
Ion Ratio Lower Upper
165 100
63 46.8 31.8 47.8
89 56.0 36.1 54.1#



#57
2,4-Dinitrotoluene
Concen: 168.464 ng
RT: 14.827 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BP009146.D
Acq: 14 Feb 2022 21:40

Tgt Ion:165 Resp: 1610180
Ion Ratio Lower Upper
165 100
63 33.2 23.3 34.9
89 58.9 44.2 66.4
182 3.2 2.6 4.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 2417

Delta R.T. -0.012 min

Lab File: BP009146.D

Acq: 14 Feb 2022 21:40

Instrument :

BNA_P

ClientSampleId :

TP-1-NORTH-COMP

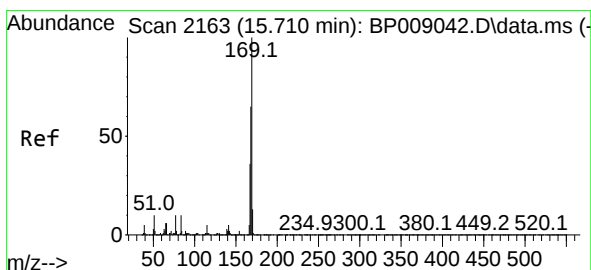
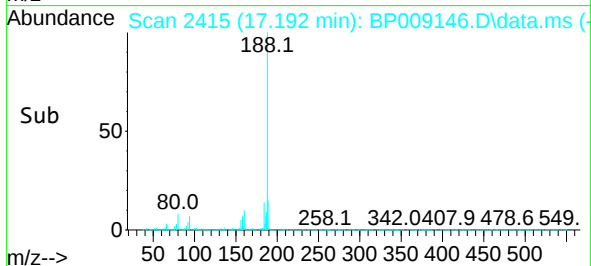
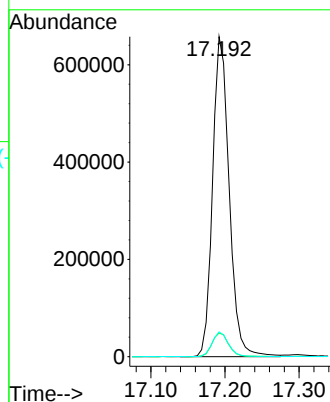
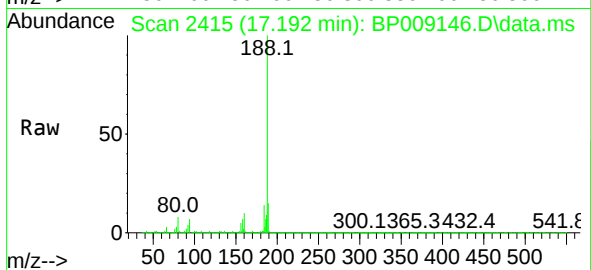
Tgt Ion:188 Resp: 1020722

Ion Ratio Lower Upper

188 100

94 7.4 6.8 10.2

80 7.8 7.2 10.8



#66

n-Nitrosodiphenylamine

Concen: 9.661 ng

RT: 15.698 min Scan# 2161

Delta R.T. -0.012 min

Lab File: BP009146.D

Acq: 14 Feb 2022 21:40

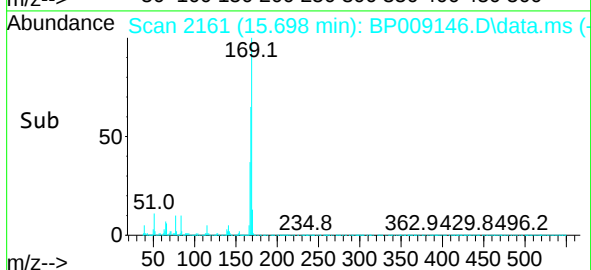
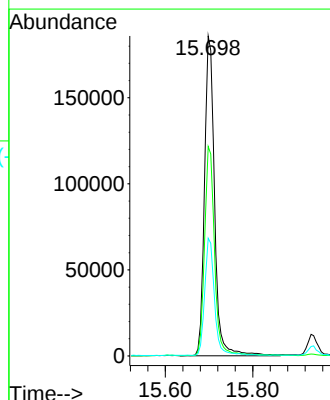
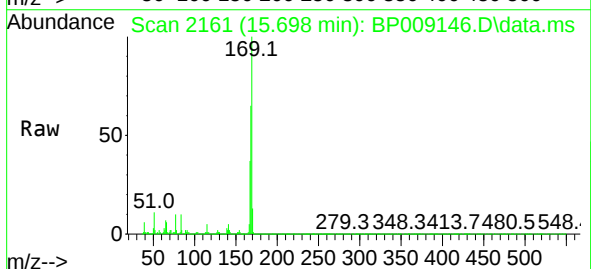
Tgt Ion:169 Resp: 299063

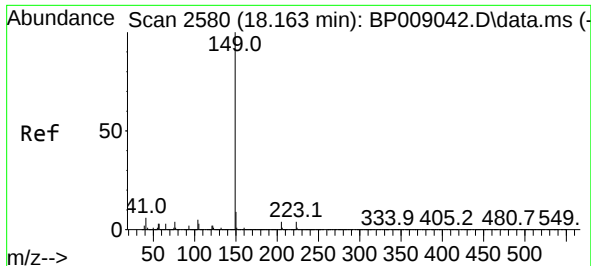
Ion Ratio Lower Upper

169 100

168 65.4 53.3 79.9

167 36.8 29.0 43.6

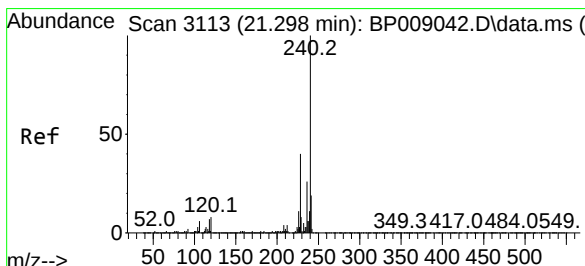
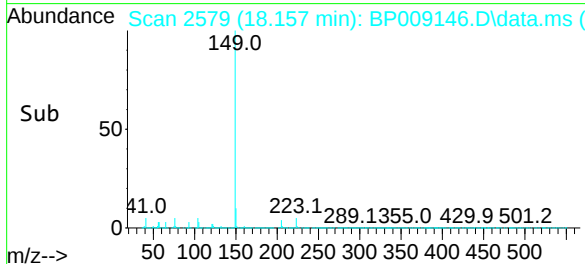
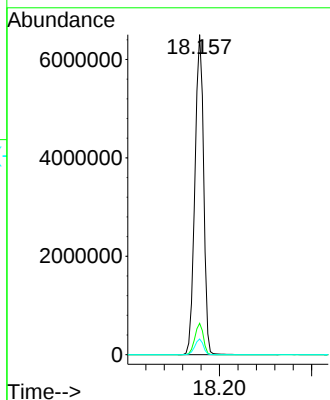
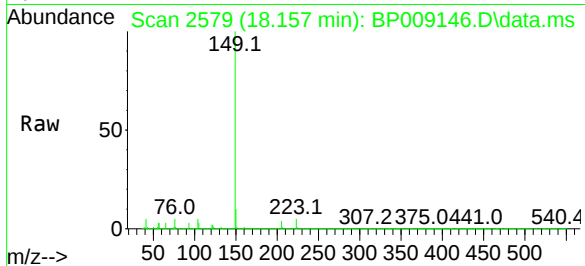




#74
Di-n-butylphthalate
Concen: 161.758 ng
RT: 18.157 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009146.D
Acq: 14 Feb 2022 21:40

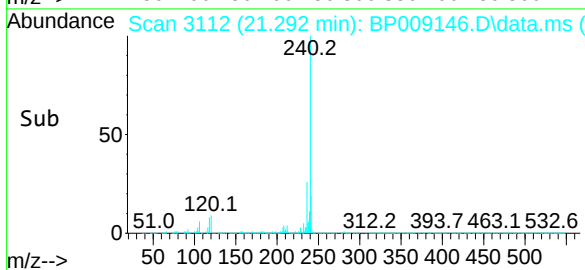
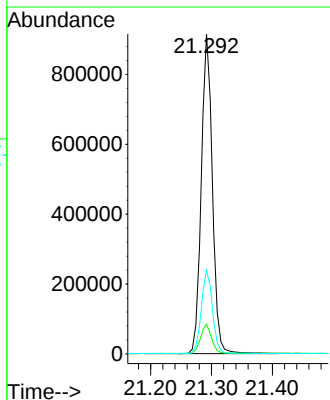
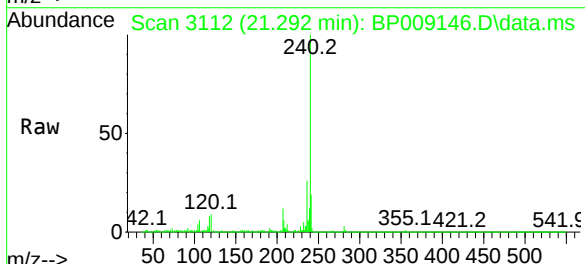
Instrument :
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ClientSampleId :
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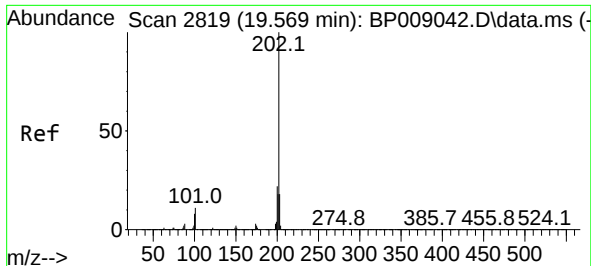
Tgt Ion:149 Resp: 8495189
Ion Ratio Lower Upper
149 100
150 9.8 7.9 11.9
104 4.9 3.7 5.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP009146.D
Acq: 14 Feb 2022 21:40

Tgt Ion:240 Resp: 1157598
Ion Ratio Lower Upper
240 100
120 9.2 7.7 11.5
236 26.1 21.2 31.8

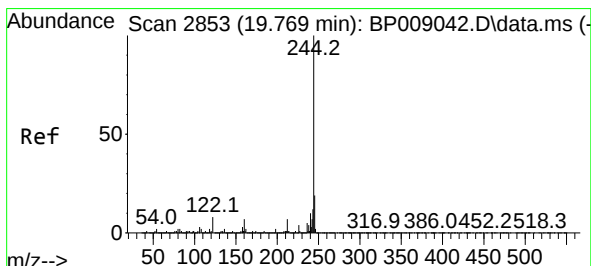
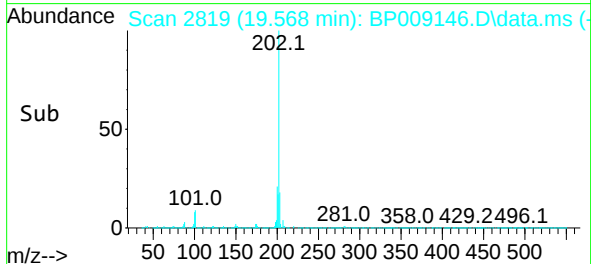
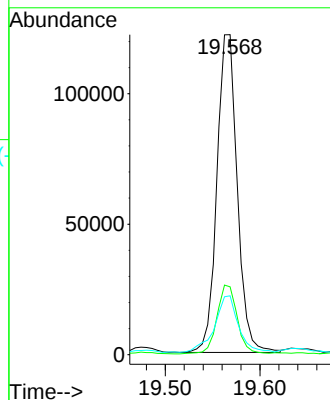
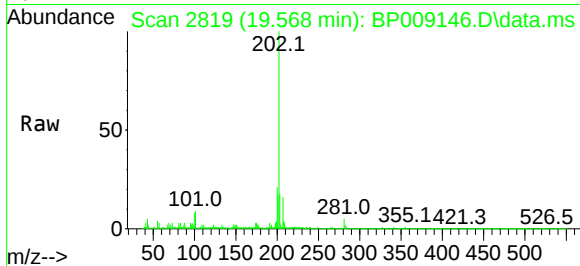




#78
Pyrene
Concen: 2.214 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BP009146.D
Acq: 14 Feb 2022 21:40

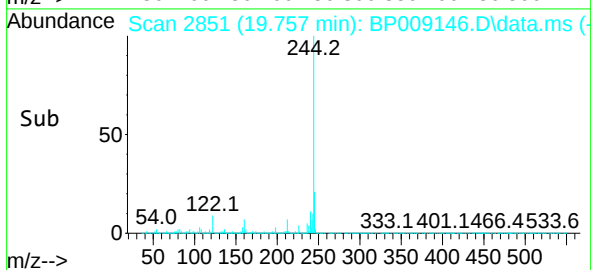
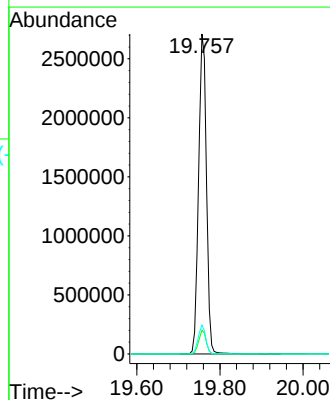
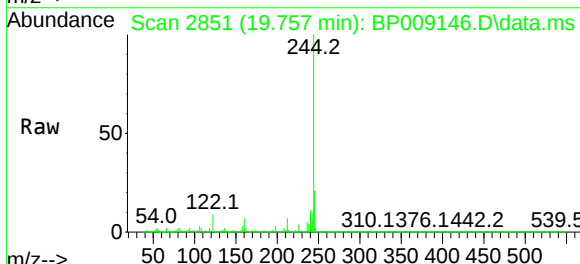
Instrument :
BNA_P
ClientSampleId :
TP-1-NORTH-COMP

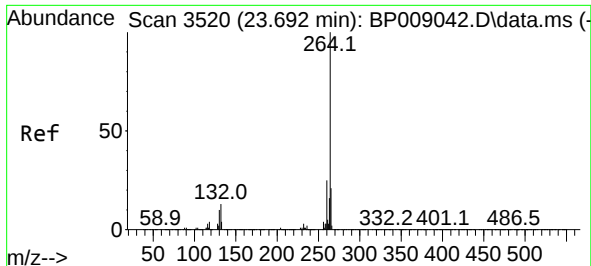
Tgt Ion:202 Resp: 182311
Ion Ratio Lower Upper
202 100
200 21.2 18.0 27.0
203 18.4 15.0 22.6



#79
Terphenyl-d14
Concen: 55.398 ng
RT: 19.757 min Scan# 2851
Delta R.T. -0.012 min
Lab File: BP009146.D
Acq: 14 Feb 2022 21:40

Tgt Ion:244 Resp: 3566000
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 9.0 9.2 13.8

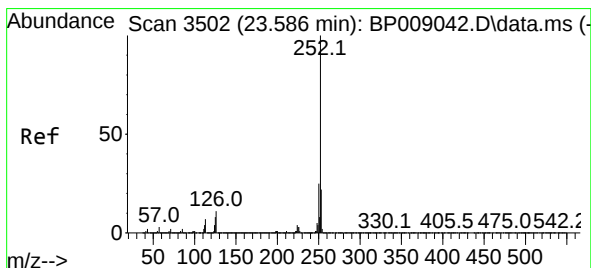
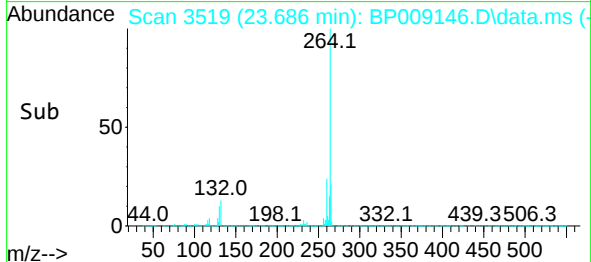
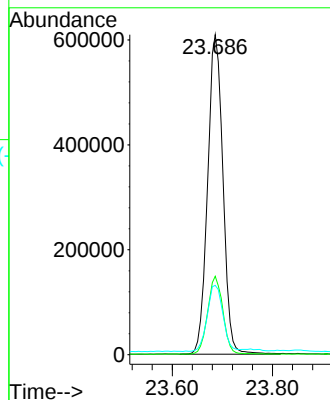
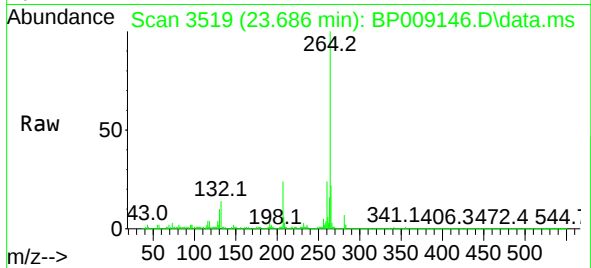




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.686 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP009146.D
Acq: 14 Feb 2022 21:40

Instrument :
BNA_P
ClientSampleId :
TP-1-NORTH-COMP

Tgt Ion:264 Resp: 1291961
Ion Ratio Lower Upper
264 100
260 24.5 19.1 28.7
265 21.7 17.1 25.7



#90
Benzo(a)pyrene
Concen: 2.005 ng
RT: 23.580 min Scan# 3501
Delta R.T. -0.006 min
Lab File: BP009146.D
Acq: 14 Feb 2022 21:40

Tgt Ion:252 Resp: 132941
Ion Ratio Lower Upper
252 100
253 26.0 17.8 26.8
125 15.1 7.8 11.6#

