

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102620\
 Data File : BP003746.D
 Acq On : 26 Oct 2020 18:15
 Operator : CG/JU
 Sample : L4501-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-2

Quant Time: Oct 27 00:39:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 26 16:22:21 2020
 Response via : Initial Calibration

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

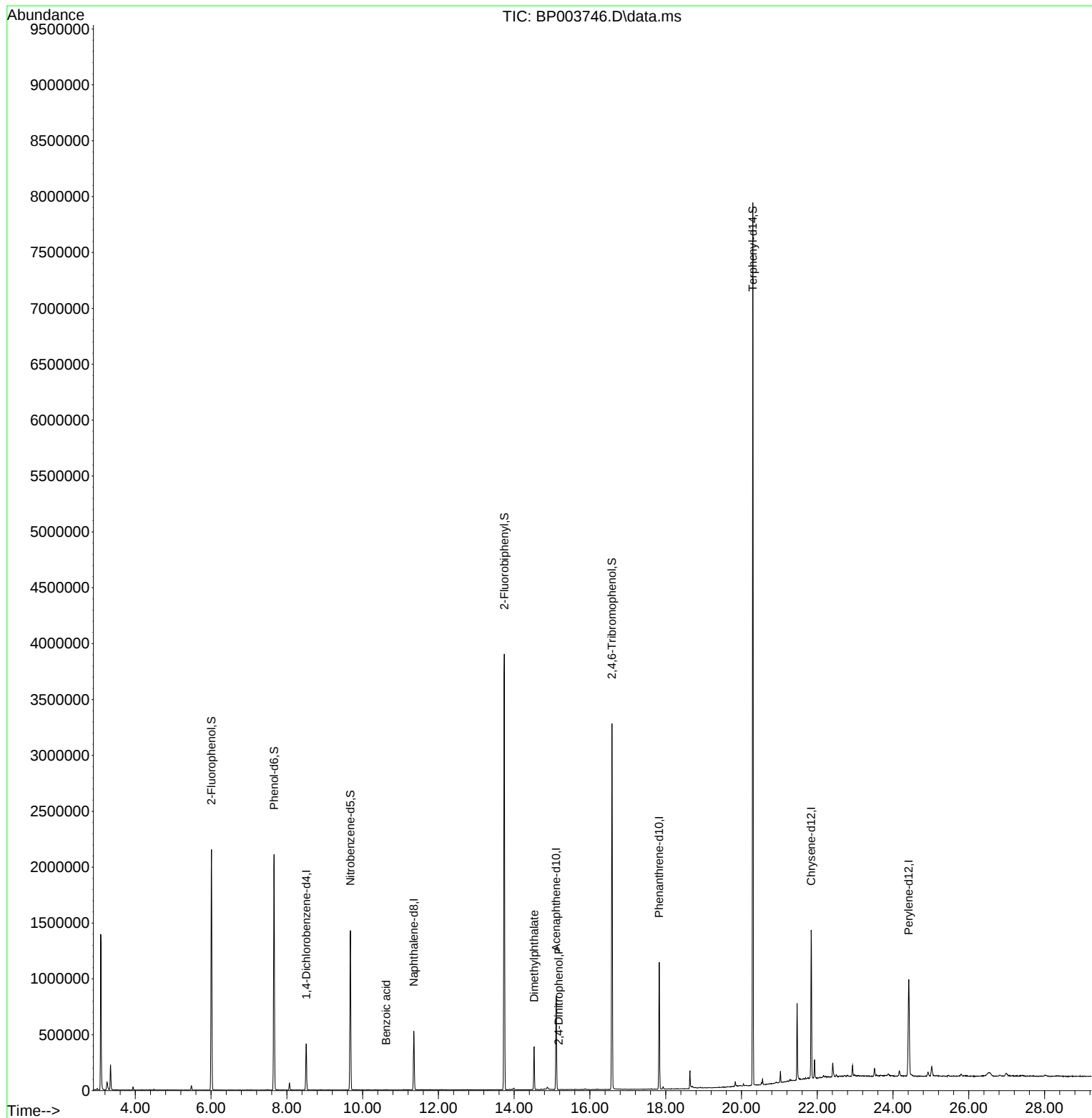
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.511	152	112177	20.00	ng	0.00
21) Naphthalene-d8	11.352	136	412586	20.00	ng	# 0.00
39) Acenaphthene-d10	15.110	164	281787	20.00	ng	0.00
64) Phenanthrene-d10	17.828	188	653617	20.00	ng	0.00
76) Chrysene-d12	21.839	240	700800	20.00	ng	# 0.00
86) Perylene-d12	24.416	264	731657	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.011	112	912402	136.01	ng	0.00
7) Phenol-d6	7.663	99	1223972	129.14	ng	0.00
23) Nitrobenzene-d5	9.675	82	837375	85.86	ng	0.00
42) 2,4,6-Tribromophenol	16.581	330	642629	146.18	ng	0.00
45) 2-Fluorobiphenyl	13.740	172	1979649	90.82	ng	0.00
79) Terphenyl-d14	20.298	244	3371686	84.62	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.616	77	226	Below Cal	#	1
32) Benzoic acid	10.622	122	67	5.06 ng	#	50
50) Dimethylphthalate	14.528	163	238141	10.28 ng		98
54) 2,4-Dinitrophenol	15.175	184	17	4.83 ng	#	57

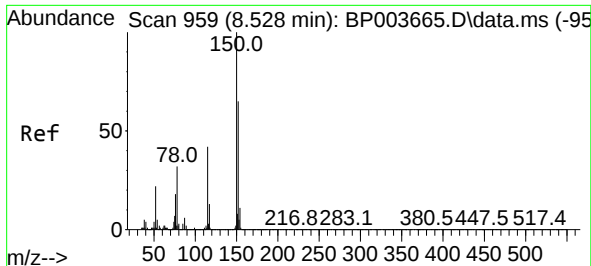
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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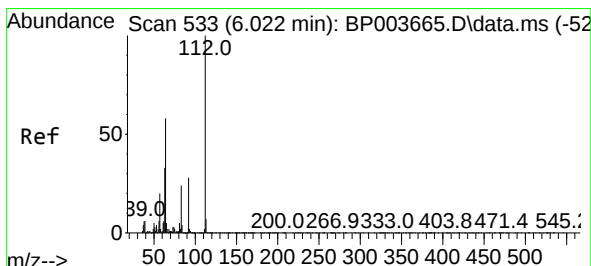
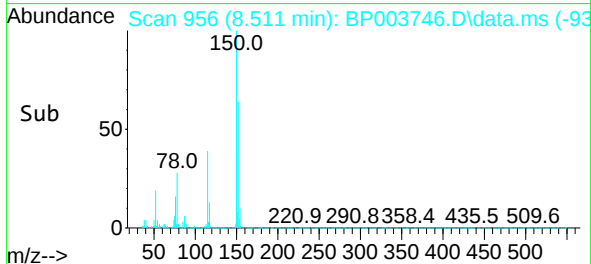
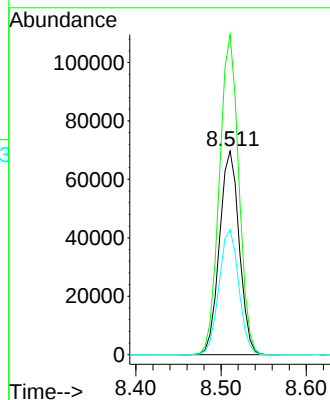
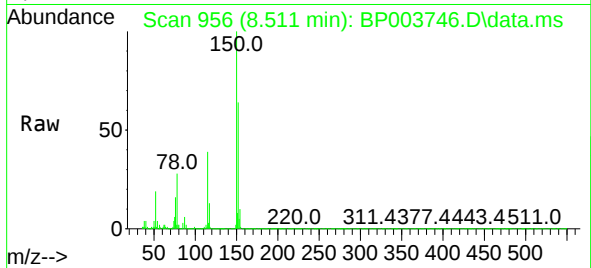




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.511 min Scan# 956
Delta R.T. 0.001 min
Lab File: BP003746.D
Acq: 26 Oct 2020 18:15

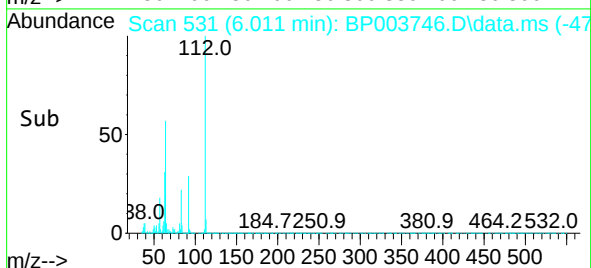
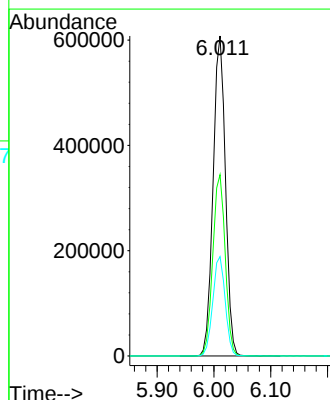
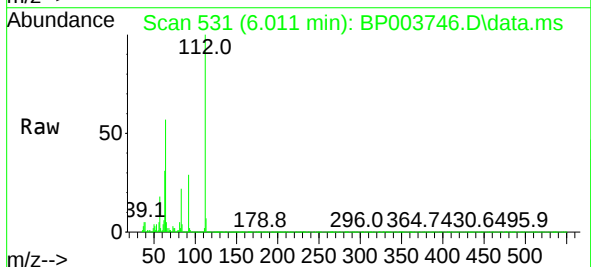
Instrument :
BNA_P
ClientSampleId :
COMP-2

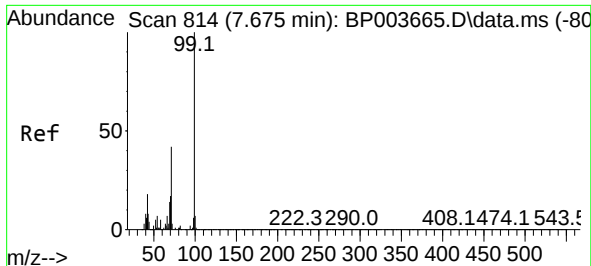
Tgt Ion:152 Resp: 112177
Ion Ratio Lower Upper
152 100
150 157.1 123.8 185.6
115 61.3 43.8 65.6



#5
2-Fluorophenol
Concen: 136.01 ng
RT: 6.011 min Scan# 531
Delta R.T. 0.006 min
Lab File: BP003746.D
Acq: 26 Oct 2020 18:15

Tgt Ion:112 Resp: 912402
Ion Ratio Lower Upper
112 100
64 56.6 32.8 49.2#
63 31.0 17.0 25.4#

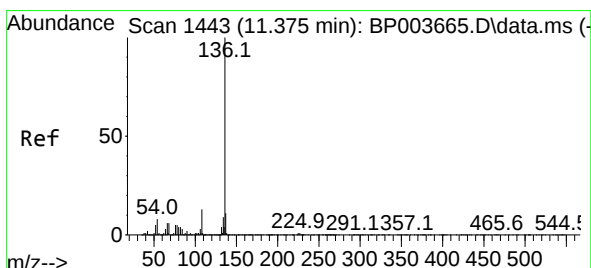
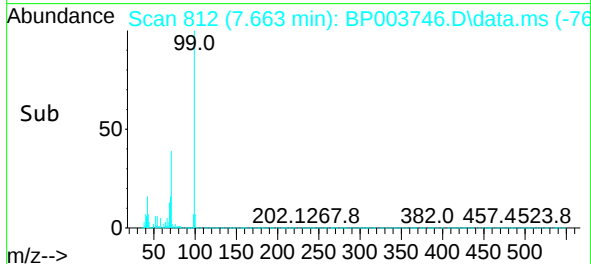
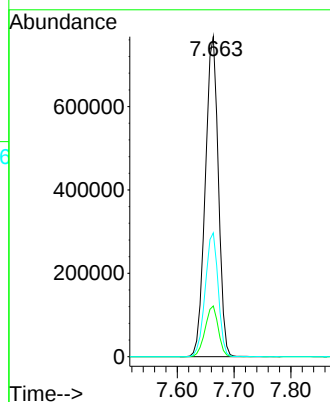
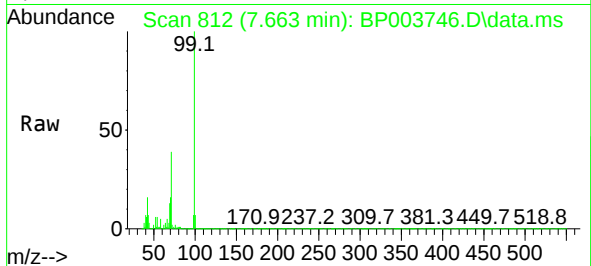




#7
Phenol-d6
Concen: 129.14 ng
RT: 7.663 min Scan# 812
Delta R.T. 0.006 min
Lab File: BP003746.D
Acq: 26 Oct 2020 18:15

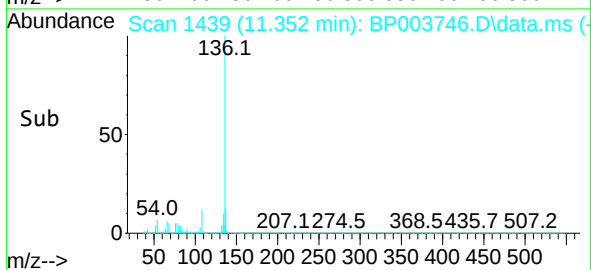
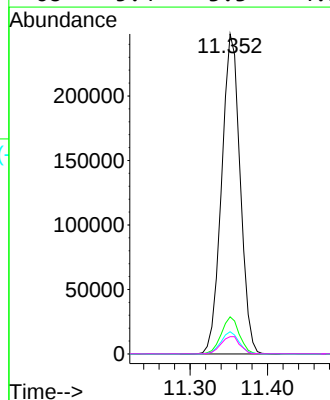
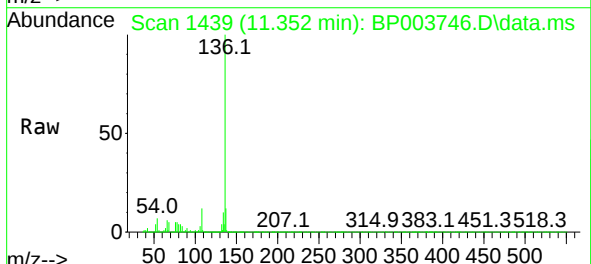
Instrument :
BNA_P
ClientSampleId :
COMP-2

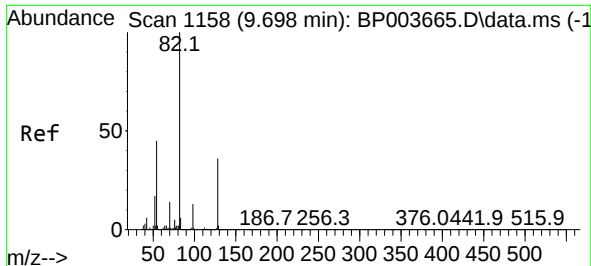
Tgt Ion: 99 Resp: 1223972
Ion Ratio Lower Upper
99 100
42 15.8 8.6 13.0#
71 38.7 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.352 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BP003746.D
Acq: 26 Oct 2020 18:15

Tgt Ion: 136 Resp: 412586
Ion Ratio Lower Upper
136 100
137 11.6 8.6 13.0
54 6.9 3.6 5.4#
68 5.4 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 85.86 ng

RT: 9.675 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BP003746.D

Acq: 26 Oct 2020 18:15

Instrument :

BNA_P

ClientSampled :

COMP-2

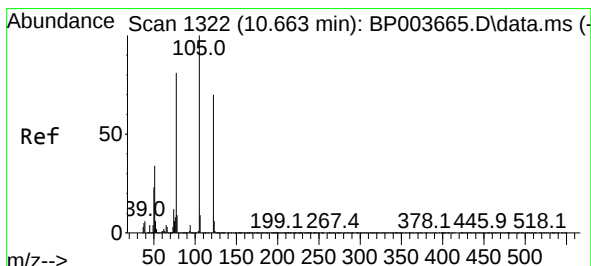
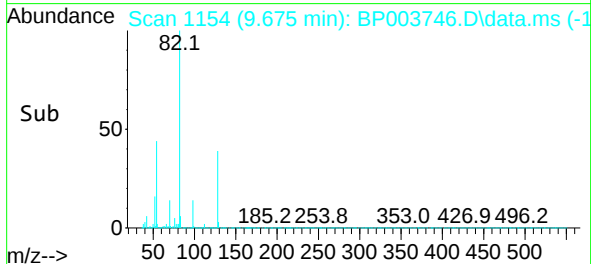
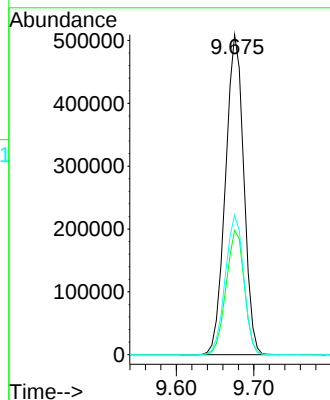
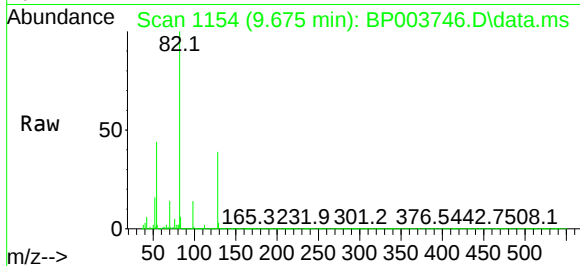
Tgt Ion: 82 Resp: 837375

Ion Ratio Lower Upper

82 100

128 38.8 45.6 68.4#

54 43.6 30.1 45.1



#32

Benzoic acid

Concen: 5.06 ng

RT: 10.622 min Scan# 1315

Delta R.T. -0.018 min

Lab File: BP003746.D

Acq: 26 Oct 2020 18:15

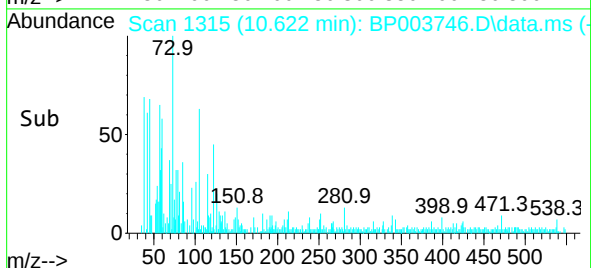
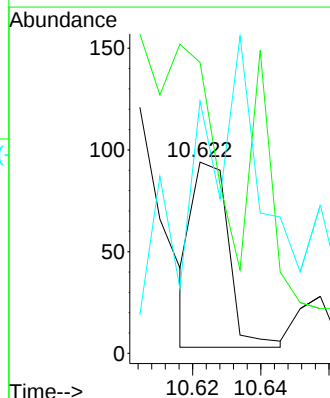
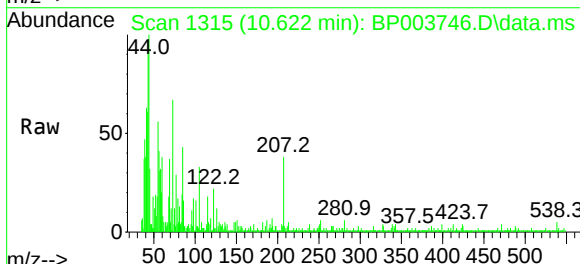
Tgt Ion: 122 Resp: 67

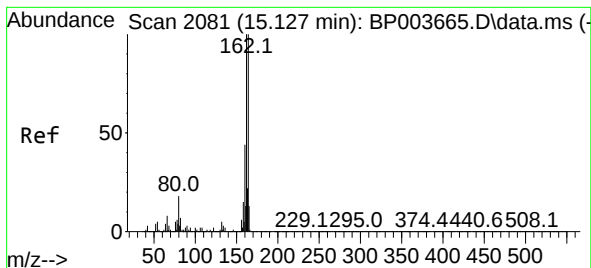
Ion Ratio Lower Upper

122 100

105 152.1 94.1 134.1#

77 131.9 50.1 90.1#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.110 min Scan# 2078

Delta R.T. 0.000 min

Lab File: BP003746.D

Acq: 26 Oct 2020 18:15

Instrument :

BNA_P

ClientSampleId :

COMP-2

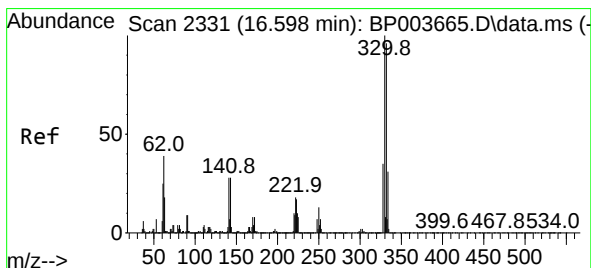
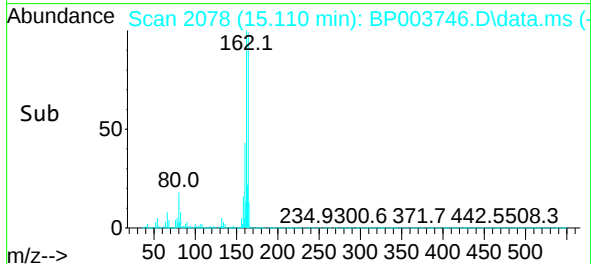
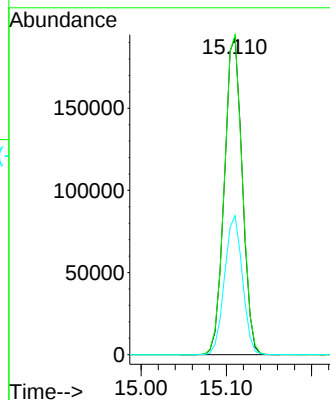
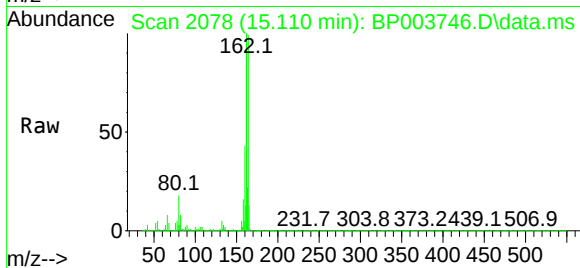
Tgt Ion:164 Resp: 281787

Ion Ratio Lower Upper

164 100

162 100.9 79.4 119.2

160 43.8 36.1 54.1



#42

2,4,6-Tribromophenol

Concen: 146.18 ng

RT: 16.581 min Scan# 2328

Delta R.T. 0.000 min

Lab File: BP003746.D

Acq: 26 Oct 2020 18:15

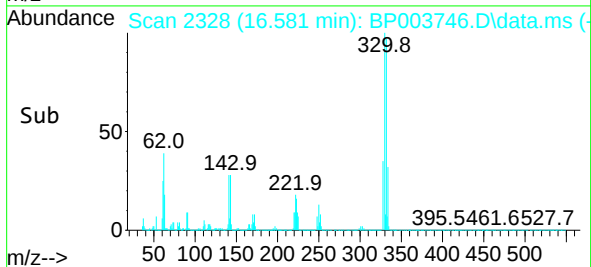
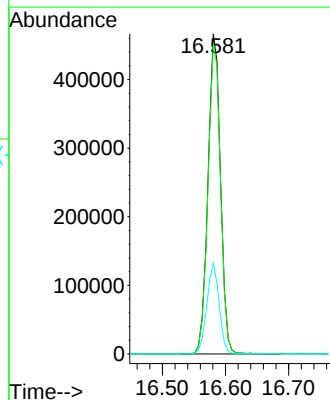
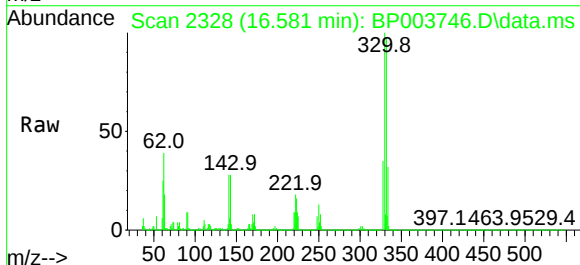
Tgt Ion:330 Resp: 642629

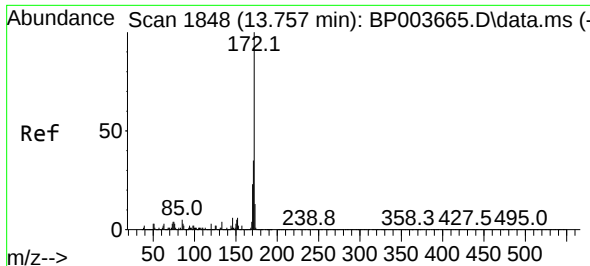
Ion Ratio Lower Upper

330 100

332 97.5 77.1 115.7

141 27.9 23.4 35.2



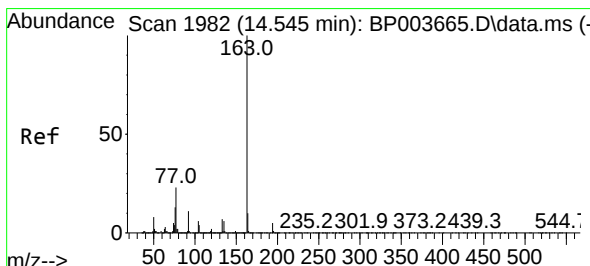
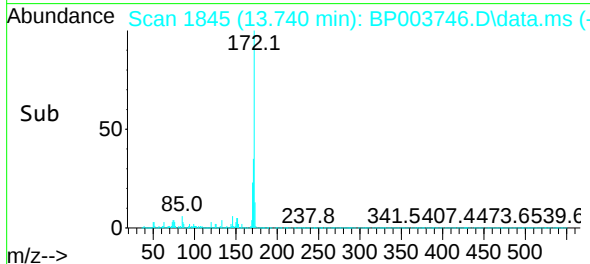
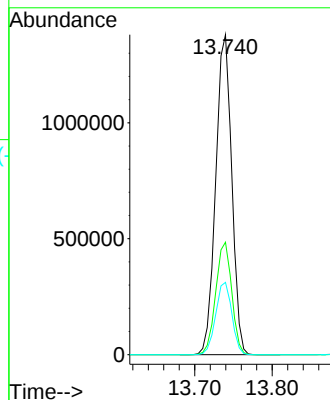
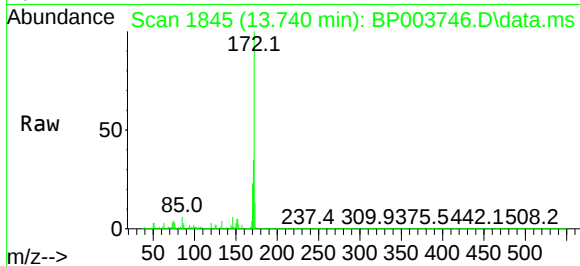


#45
2-Fluorobiphenyl
Concen: 90.82 ng
RT: 13.740 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BP003746.D
Acq: 26 Oct 2020 18:15

Instrument :
BNA_P
ClientSampleId :
COMP-2

Tgt Ion:172 Resp: 1979649

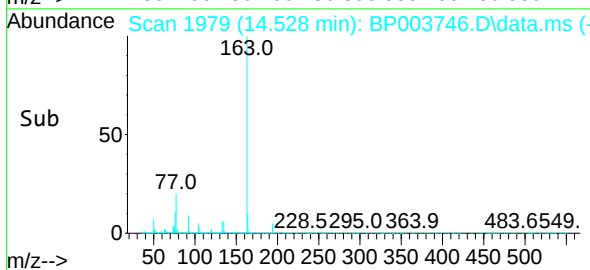
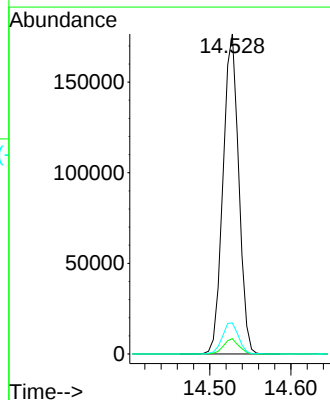
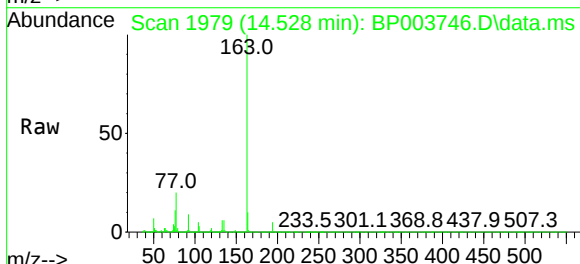
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	22.6	19.2	28.8

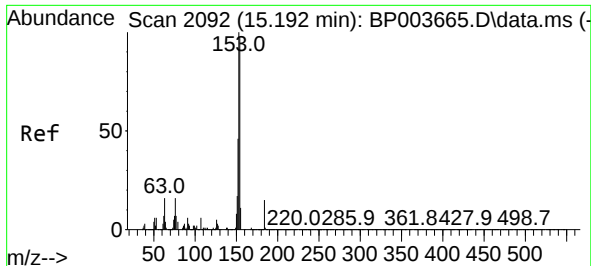


#50
Dimethylphthalate
Concen: 10.28 ng
RT: 14.528 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BP003746.D
Acq: 26 Oct 2020 18:15

Tgt Ion:163 Resp: 238141

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.3	4.9
164	9.7	8.2	12.2

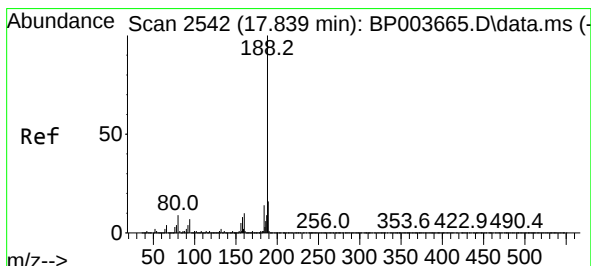
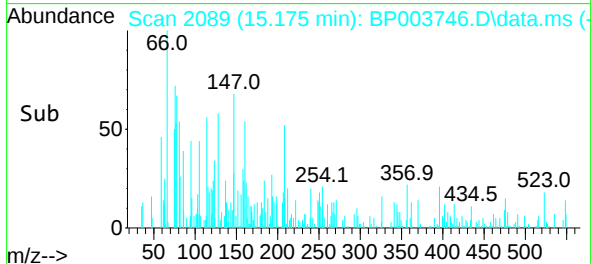
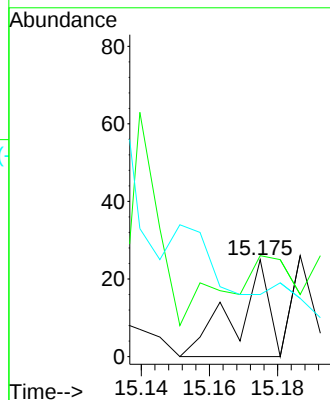
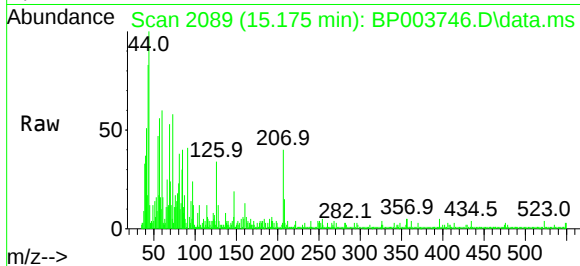




#54
2,4-Dinitrophenol
Concen: 4.83 ng
RT: 15.175 min Scan# 2089
Delta R.T. -0.006 min
Lab File: BP003746.D
Acq: 26 Oct 2020 18:15

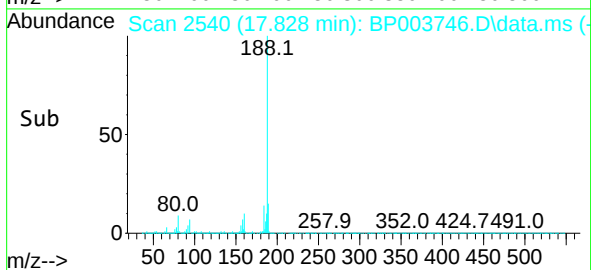
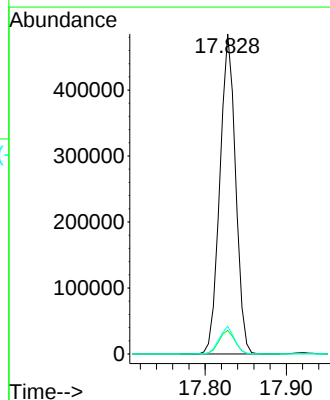
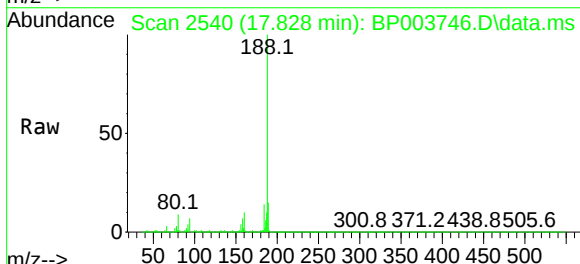
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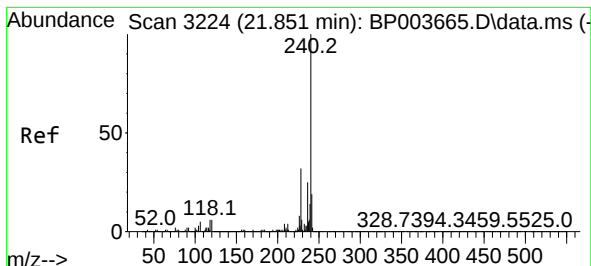
Tgt Ion:184 Resp: 17
Ion Ratio Lower Upper
184 100
63 104.0 32.3 48.5#
154 64.0 49.1 73.7



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.828 min Scan# 2540
Delta R.T. 0.000 min
Lab File: BP003746.D
Acq: 26 Oct 2020 18:15

Tgt Ion:188 Resp: 653617
Ion Ratio Lower Upper
188 100
94 7.3 6.2 9.2
80 8.7 6.2 9.2

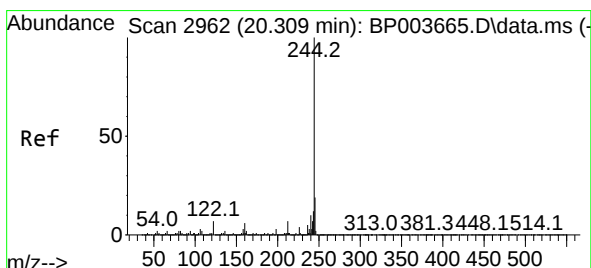
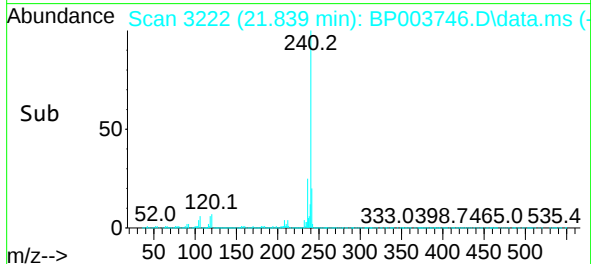
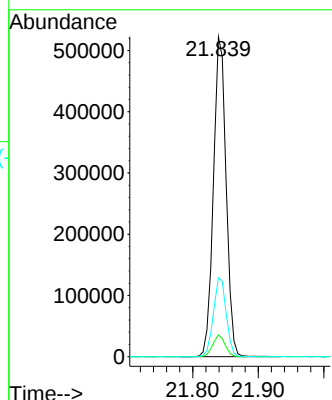
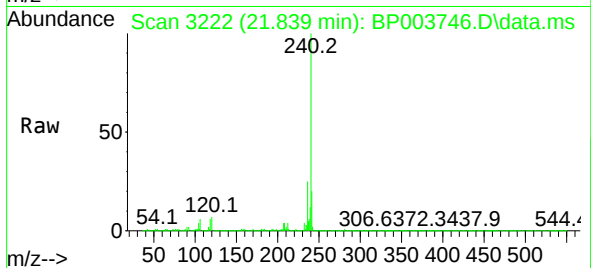




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.839 min Scan# 3222
Delta R.T. -0.006 min
Lab File: BP003746.D
Acq: 26 Oct 2020 18:15

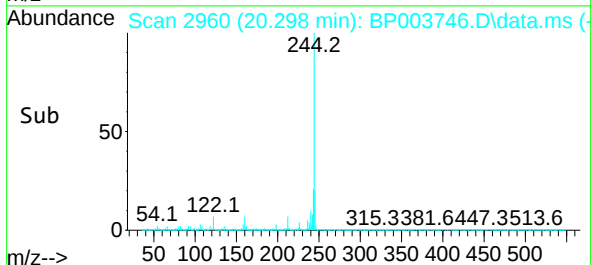
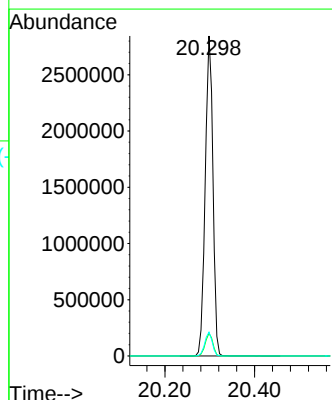
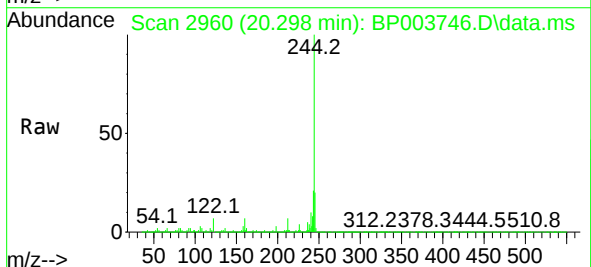
Instrument :
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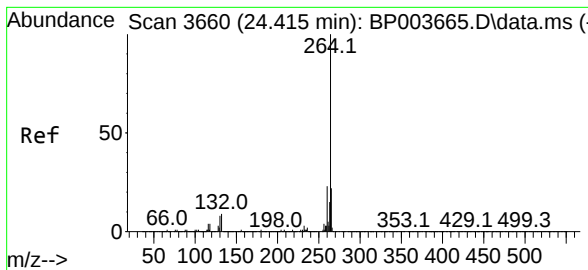
Tgt Ion:240 Resp: 700800
Ion Ratio Lower Upper
240 100
120 6.8 7.8 11.6#
236 24.7 20.8 31.2



#79
Terphenyl-d14
Concen: 84.62 ng
RT: 20.298 min Scan# 2960
Delta R.T. 0.000 min
Lab File: BP003746.D
Acq: 26 Oct 2020 18:15

Tgt Ion:244 Resp: 3371686
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 7.5 7.8 11.8#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.416 min Scan# 3660
 Delta R.T. 0.000 min
 Lab File: BP003746.D
 Acq: 26 Oct 2020 18:15

Instrument :
 BNA_P
 ClientSampleId :
 COMP-2

Tgt Ion:264 Resp: 731657

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.8	28.2
265	22.0	17.4	26.2

