

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102720\
 Data File : BP003763.D
 Acq On : 27 Oct 2020 19:55
 Operator : CG/JU
 Sample : L4511-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OB-9

Quant Time: Oct 28 00:35:00 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)

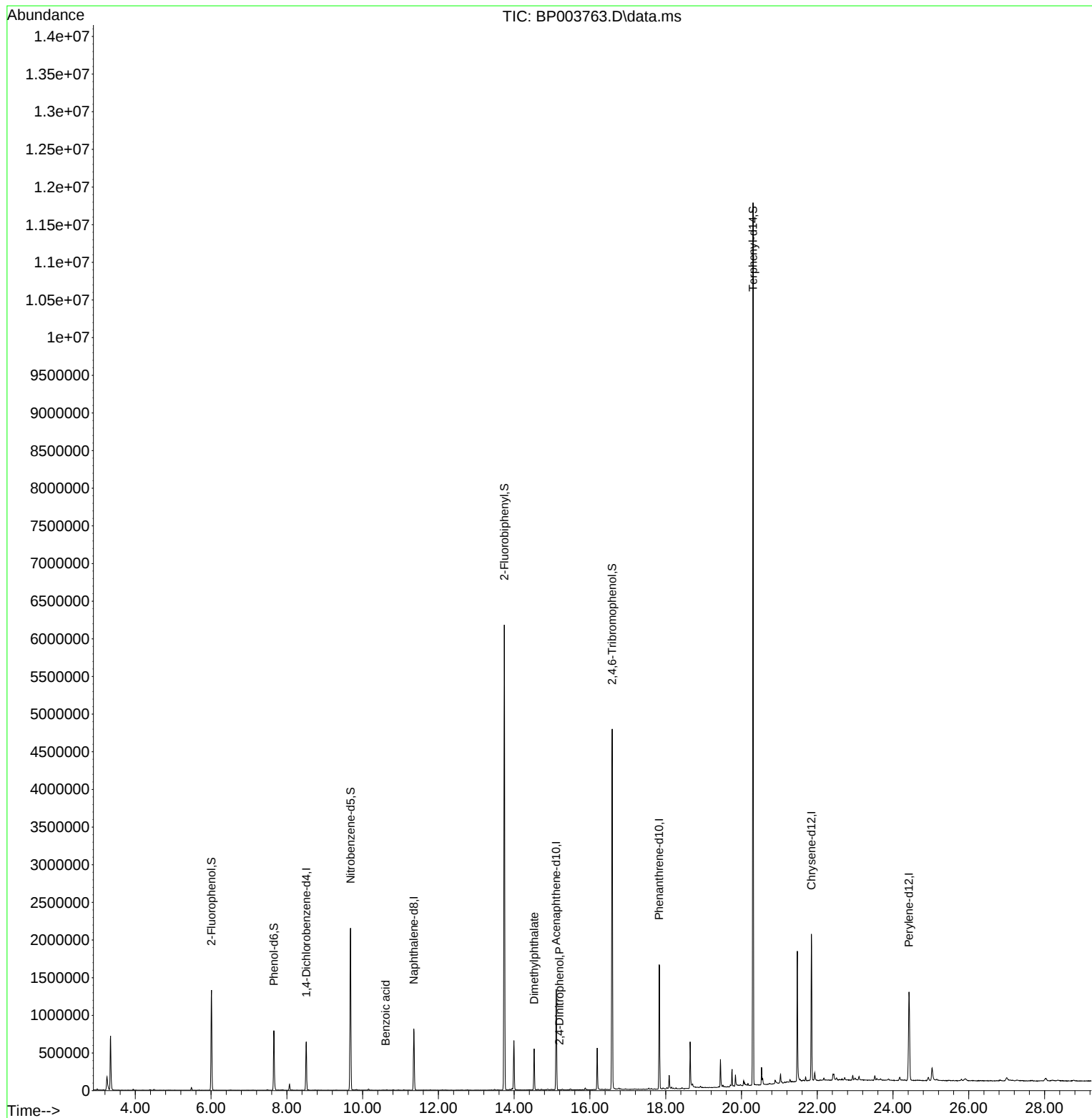
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.510	152	173786	20.00	ng	0.00
21) Naphthalene-d8	11.351	136	656489	20.00	ng	# 0.00
39) Acenaphthene-d10	15.110	164	450805	20.00	ng	0.00
64) Phenanthrene-d10	17.828	188	1007979	20.00	ng	0.00
76) Chrysene-d12	21.845	240	1036551	20.00	ng	# 0.00
86) Perylene-d12	24.421	264	1003871	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.011	112	573506	55.18	ng	0.00
7) Phenol-d6	7.657	99	455412	31.02	ng	0.00
23) Nitrobenzene-d5	9.681	82	1296822	83.57	ng	0.00
42) 2,4,6-Tribromophenol	16.586	330	979525	139.27	ng	0.00
45) 2-Fluorobiphenyl	13.740	172	3111829	89.24	ng	0.00
79) Terphenyl-d14	20.304	244	5056206	85.79	ng	0.00
Target Compounds						
9) Benzaldehyde	7.610	77	536	Below Cal	#	77
32) Benzoic acid	10.610	122	155	5.06	ng	# 85
50) Dimethylphthalate	14.528	163	337193	9.10	ng	99
54) 2,4-Dinitrophenol	15.192	184	113	4.85	ng	# 43

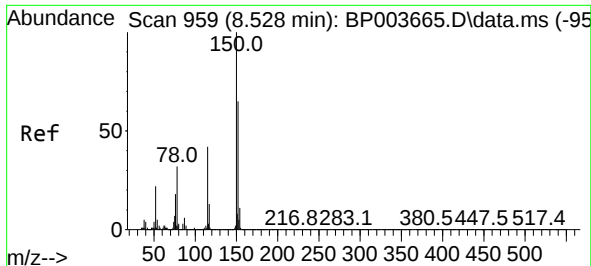
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 26 16:22:21 2020
Response via : Initial Calibration

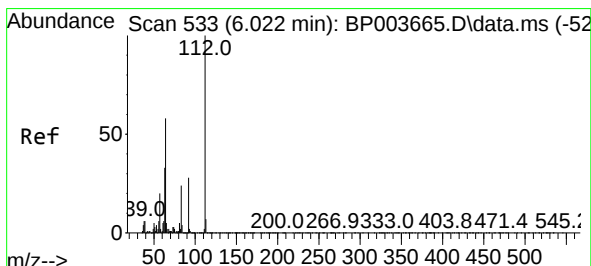
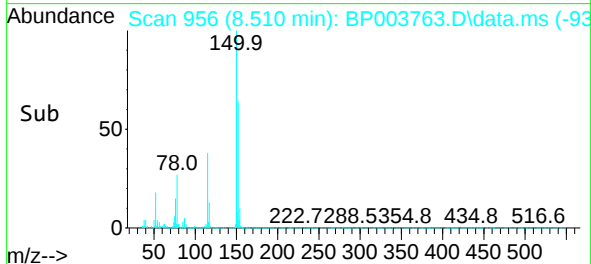
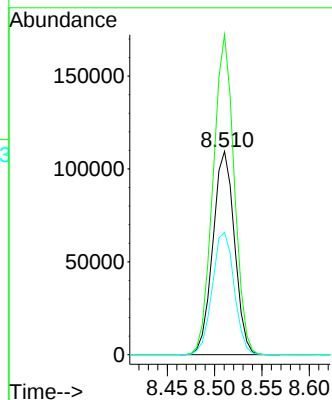
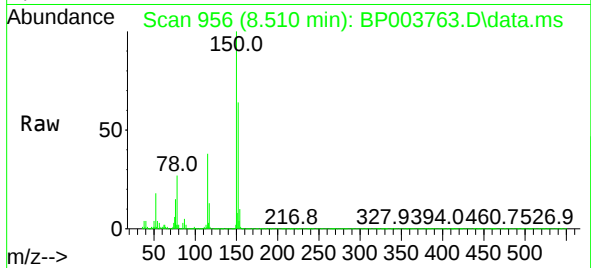




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.510 min Scan# 956
Delta R.T. 0.000 min
Lab File: BP003763.D
Acq: 27 Oct 2020 19:55

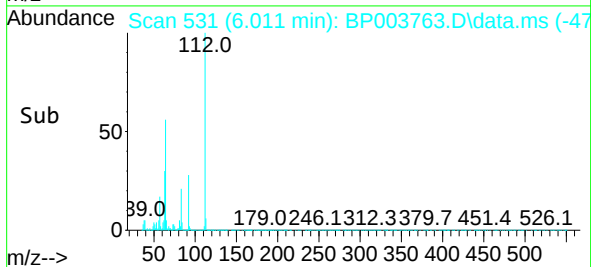
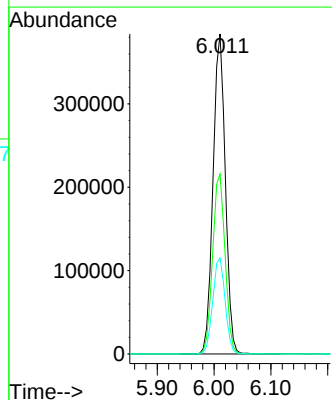
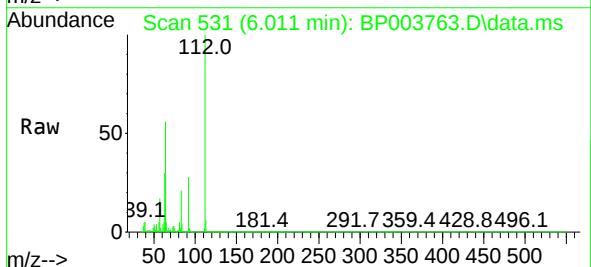
Instrument :
BNA_P
ClientSampleId :
OB-9

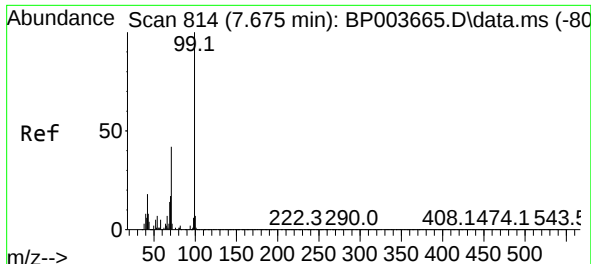
Tgt Ion:152 Resp: 173786
Ion Ratio Lower Upper
152 100
150 157.4 123.8 185.6
115 60.2 43.8 65.6



#5
2-Fluorophenol
Concen: 55.18 ng
RT: 6.011 min Scan# 531
Delta R.T. 0.006 min
Lab File: BP003763.D
Acq: 27 Oct 2020 19:55

Tgt Ion:112 Resp: 573506
Ion Ratio Lower Upper
112 100
64 56.3 32.8 49.2#
63 30.0 17.0 25.4#

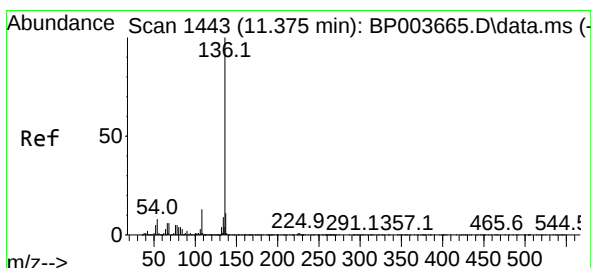
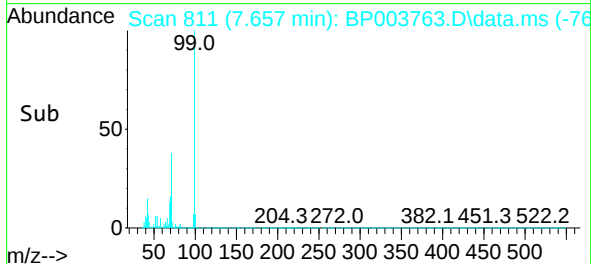
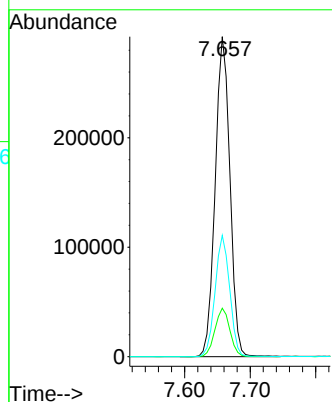
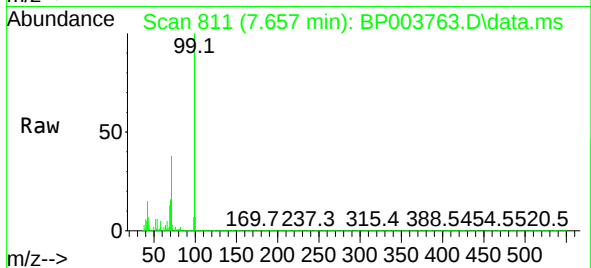




#7
Phenol-d6
Concen: 31.02 ng
RT: 7.657 min Scan# 811
Delta R.T. 0.000 min
Lab File: BP003763.D
Acq: 27 Oct 2020 19:55

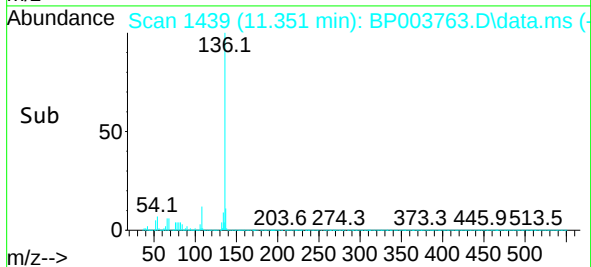
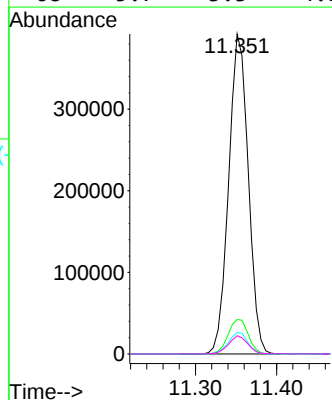
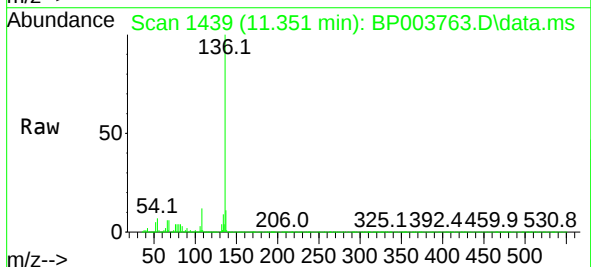
Instrument :
BNA_P
ClientSampleId :
OB-9

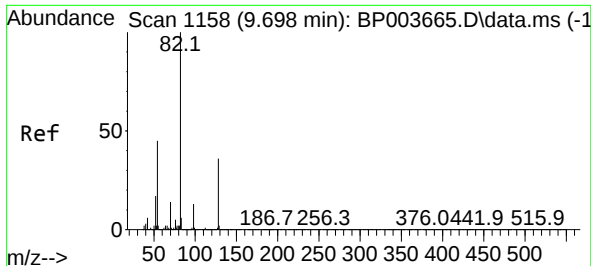
Tgt Ion: 99 Resp: 455412
Ion Ratio Lower Upper
99 100
42 15.2 8.6 13.0#
71 37.9 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.351 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BP003763.D
Acq: 27 Oct 2020 19:55

Tgt Ion: 136 Resp: 656489
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 6.7 3.6 5.4#
68 5.7 3.3 4.9#

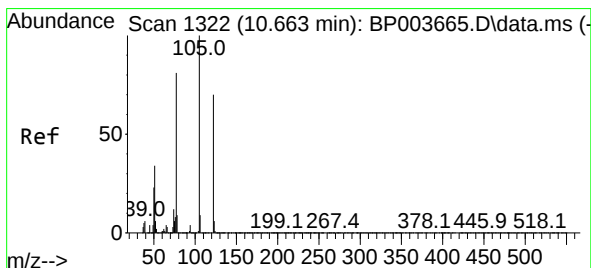
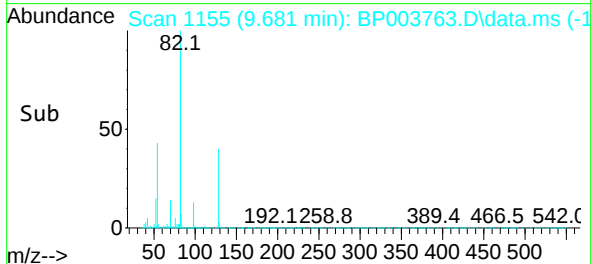
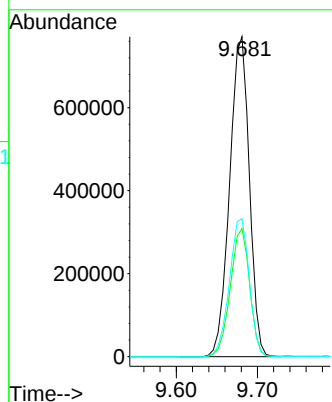
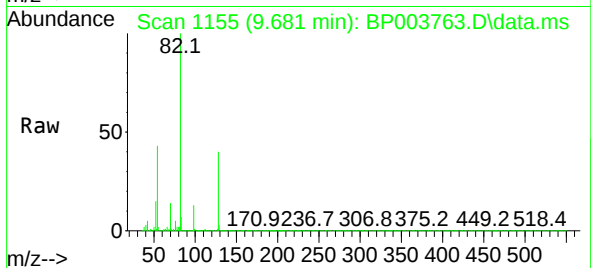




#23
Nitrobenzene-d5
Concen: 83.57 ng
RT: 9.681 min Scan# 1155
Delta R.T. 0.006 min
Lab File: BP003763.D
Acq: 27 Oct 2020 19:55

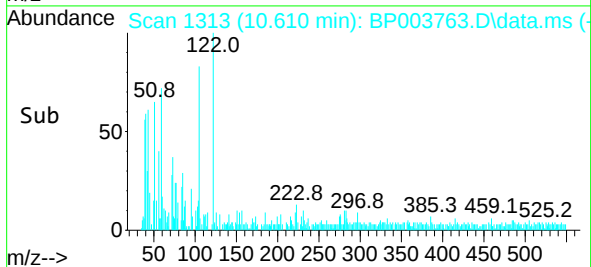
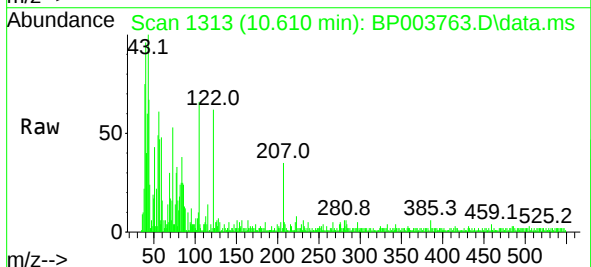
Instrument :
BNA_P
ClientSampleId :
OB-9

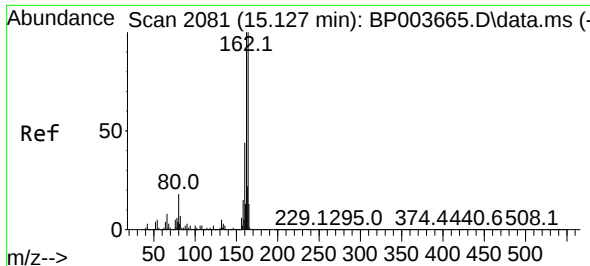
Tgt Ion: 82 Resp: 1296822
Ion Ratio Lower Upper
82 100
128 40.1 45.6 68.4#
54 43.1 30.1 45.1



#32
Benzoic acid
Concen: 5.06 ng
RT: 10.610 min Scan# 1313
Delta R.T. -0.029 min
Lab File: BP003763.D
Acq: 27 Oct 2020 19:55

Tgt Ion: 122 Resp: 155
Ion Ratio Lower Upper
122 100
105 106.7 94.1 134.1
77 47.6 50.1 90.1#

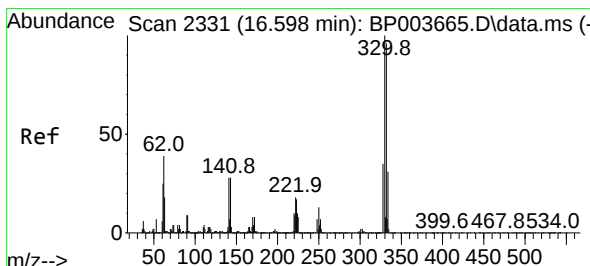
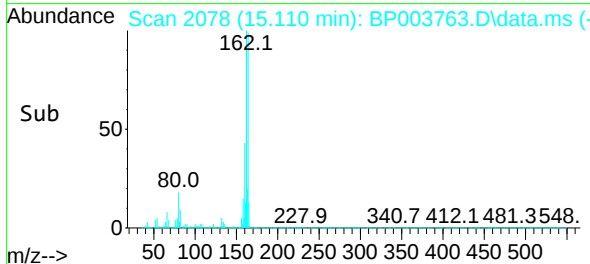
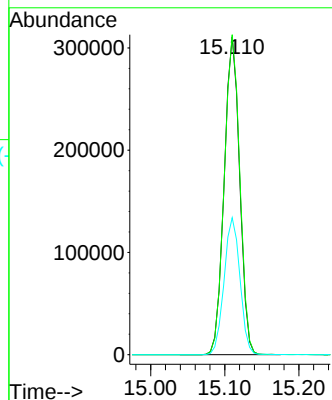
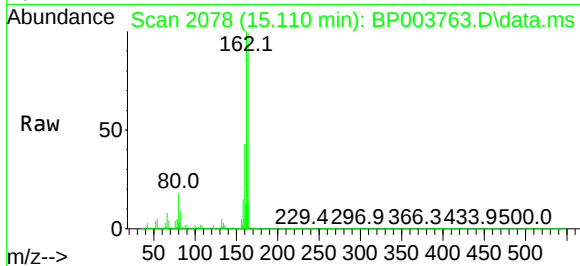




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.110 min Scan# 2078
Delta R.T. 0.000 min
Lab File: BP003763.D
Acq: 27 Oct 2020 19:55

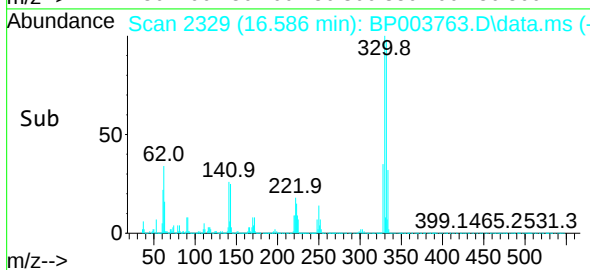
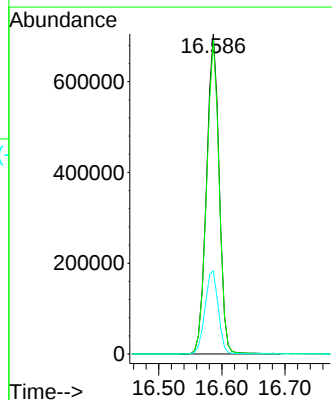
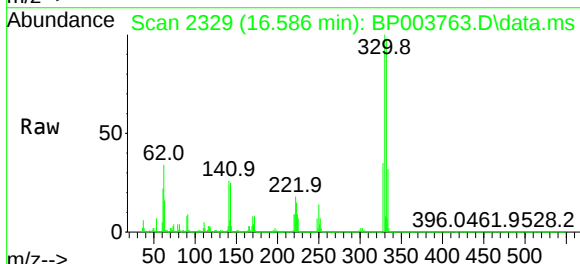
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ClientSampleId :
OB-9

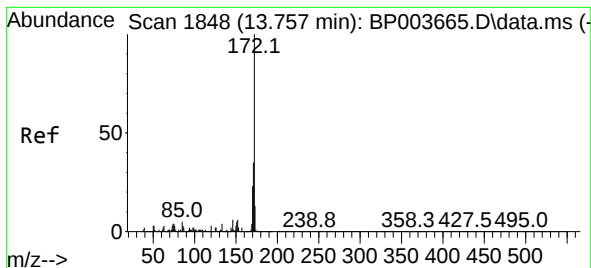
Tgt Ion:164 Resp: 450805
Ion Ratio Lower Upper
164 100
162 100.6 79.4 119.2
160 43.1 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 139.27 ng
RT: 16.586 min Scan# 2329
Delta R.T. 0.006 min
Lab File: BP003763.D
Acq: 27 Oct 2020 19:55

Tgt Ion:330 Resp: 979525
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 27.3 23.4 35.2

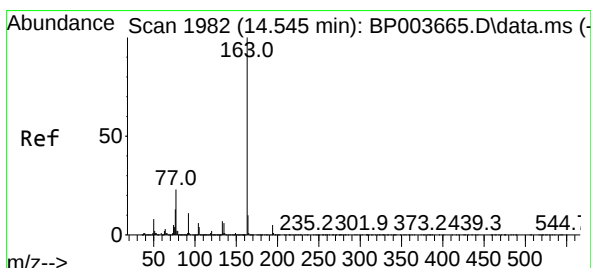
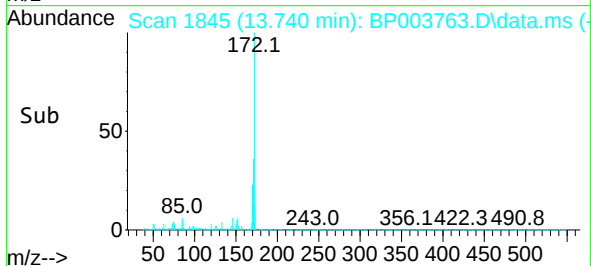
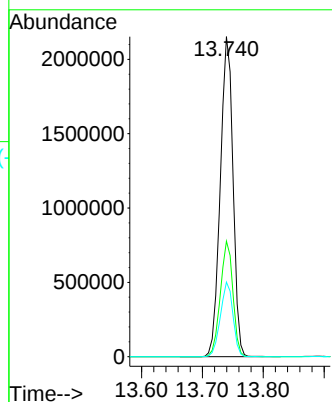
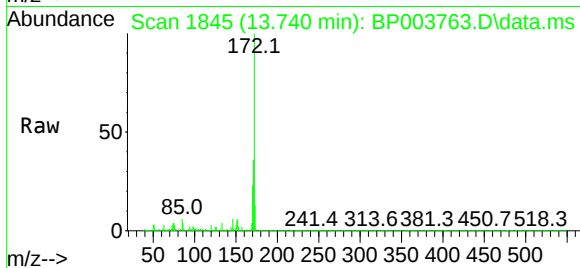




#45
2-Fluorobiphenyl
Concen: 89.24 ng
RT: 13.740 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BP003763.D
Acq: 27 Oct 2020 19:55

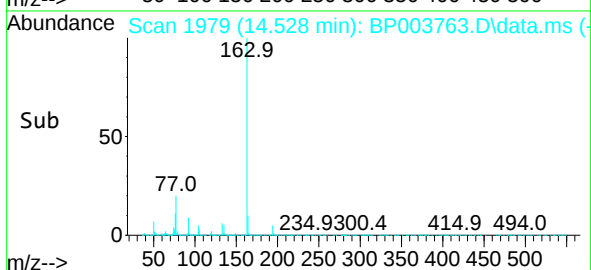
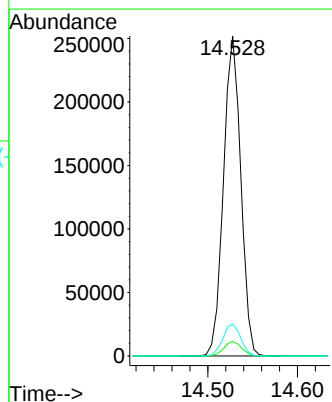
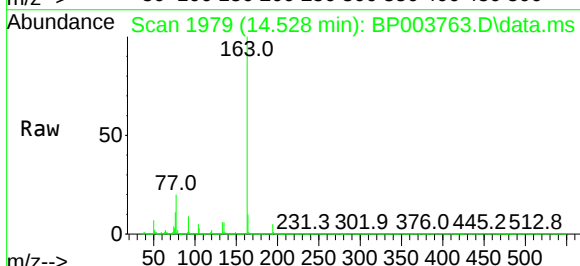
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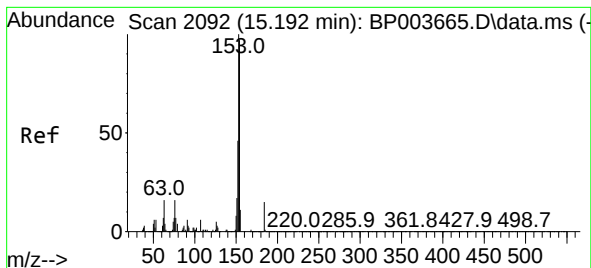
Tgt Ion:172 Resp: 3111829
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 23.3 19.2 28.8



#50
Dimethylphthalate
Concen: 9.10 ng
RT: 14.528 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BP003763.D
Acq: 27 Oct 2020 19:55

Tgt Ion:163 Resp: 337193
Ion Ratio Lower Upper
163 100
194 4.6 3.3 4.9
164 10.0 8.2 12.2

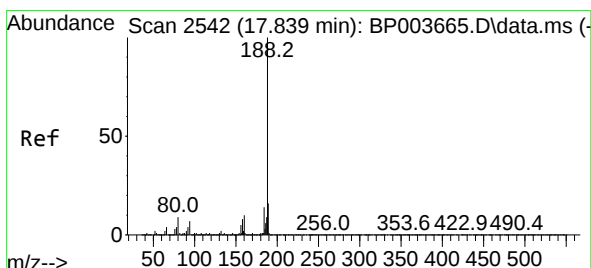
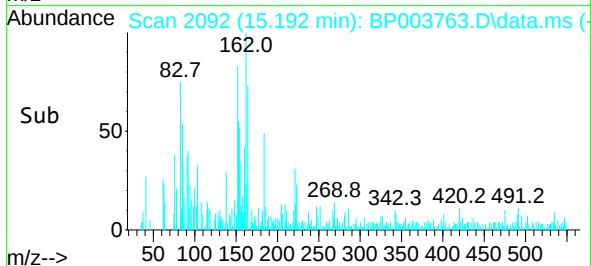
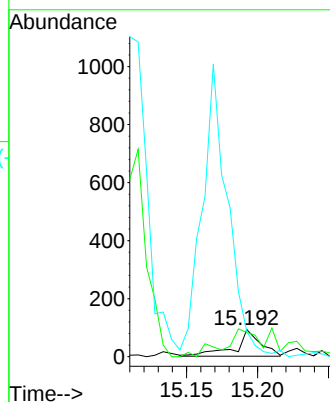
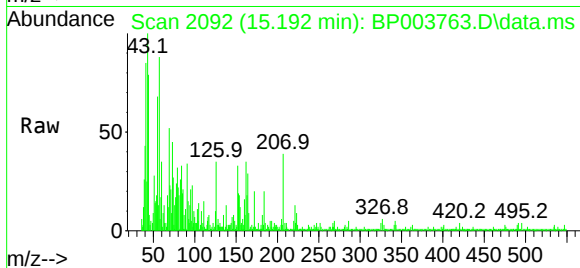




#54
2,4-Dinitrophenol
Concen: 4.85 ng
RT: 15.192 min Scan# 2092
Delta R.T. 0.012 min
Lab File: BP003763.D
Acq: 27 Oct 2020 19:55

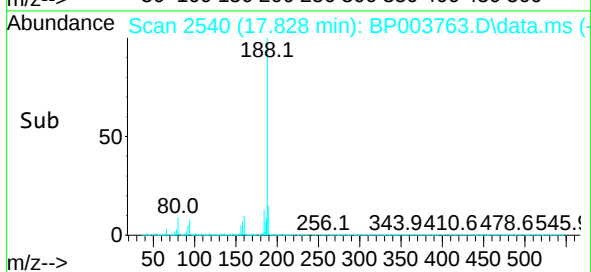
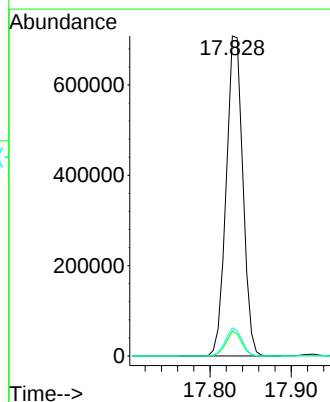
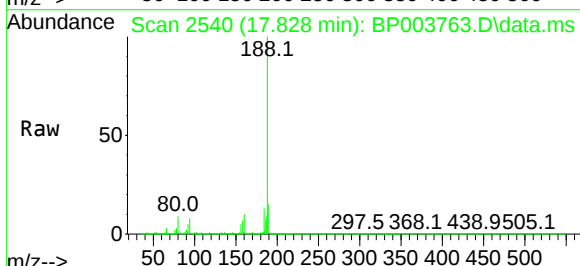
Instrument :
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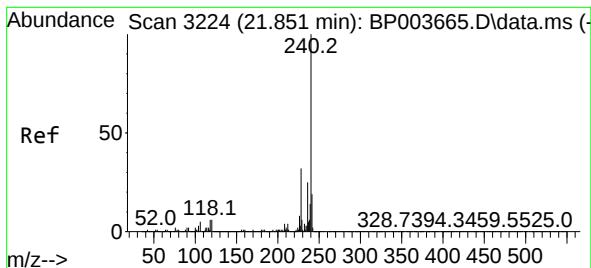
Tgt Ion:	184	Resp:	113
Ion	Ratio	Lower	Upper
184	100		
63	89.4	32.3	48.5#
154	93.6	49.1	73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.828 min Scan# 2540
Delta R.T. -0.000 min
Lab File: BP003763.D
Acq: 27 Oct 2020 19:55

Tgt Ion:	188	Resp:	1007979
Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.2	9.2
80	8.8	6.2	9.2





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.845 min Scan# 3223

Delta R.T. -0.000 min

Lab File: BP003763.D

Acq: 27 Oct 2020 19:55

Tgt Ion:240 Resp: 1036551

Ion Ratio Lower Upper

240 100

120 7.0 7.8 11.6#

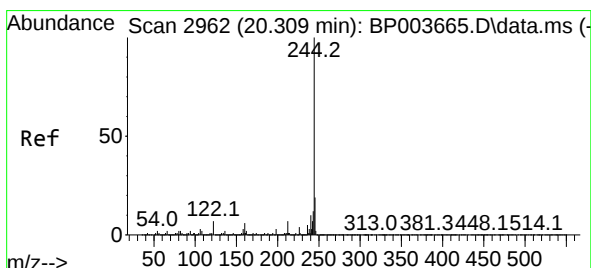
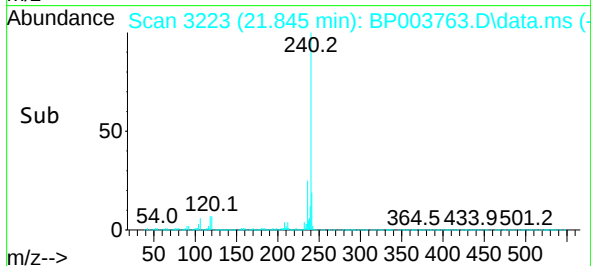
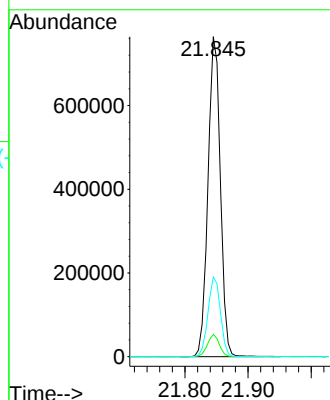
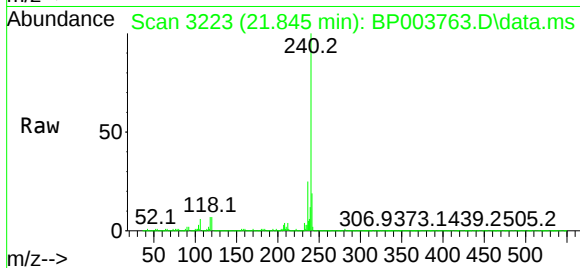
236 24.9 20.8 31.2

Instrument :

BNA_P

ClientSampleId :

OB-9



#79

Terphenyl-d14

Concen: 85.79 ng

RT: 20.304 min Scan# 2961

Delta R.T. 0.006 min

Lab File: BP003763.D

Acq: 27 Oct 2020 19:55

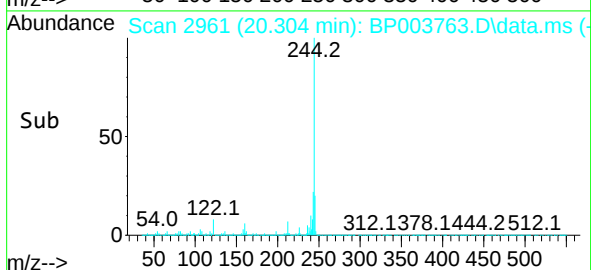
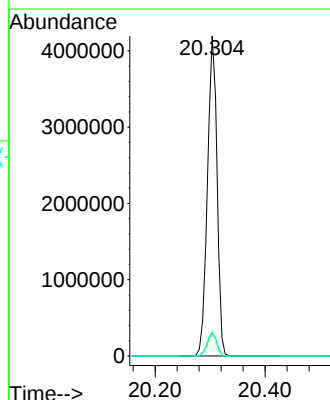
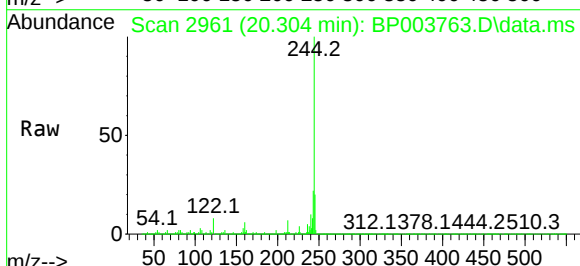
Tgt Ion:244 Resp: 5056206

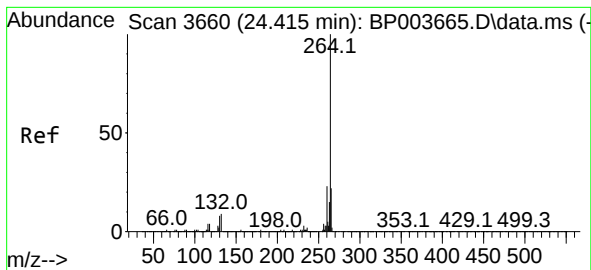
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

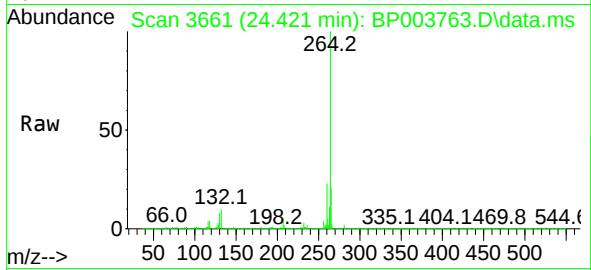
122 7.6 7.8 11.8#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.421 min Scan# 3661
 Delta R.T. 0.006 min
 Lab File: BP003763.D
 Acq: 27 Oct 2020 19:55

Instrument :
 BNA_P
 ClientSampleId :
 OB-9



Tgt Ion:264 Resp: 1003871

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	21.3	17.4	26.2

