

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102320\
 Data File : BP003736.D
 Acq On : 24 Oct 2020 02:14
 Operator : CG/JU
 Sample : PB132603BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB132603BL

Quant Time: Oct 24 05:39:41 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 19 14:54:24 2020
 Response via : Initial Calibration

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

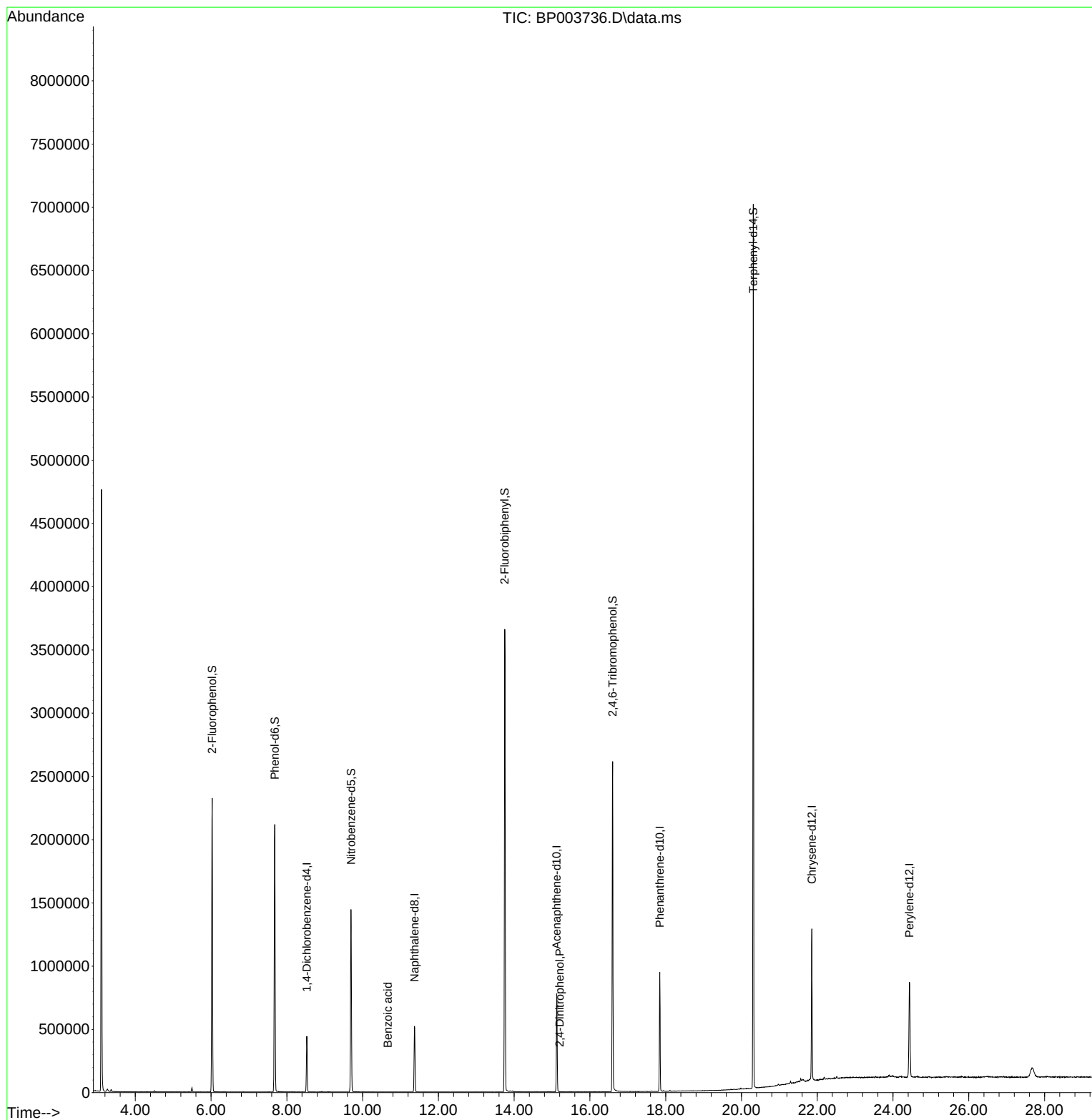
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.528	152	117330	20.00	ng	0.00
21) Naphthalene-d8	11.369	136	418615	20.00	ng	# 0.00
39) Acenaphthene-d10	15.122	164	258632	20.00	ng	0.00
64) Phenanthrene-d10	17.845	188	577373	20.00	ng	0.00
76) Chrysene-d12	21.857	240	634684	20.00	ng	# 0.00
86) Perylene-d12	24.433	264	648468	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.028	112	967017	137.82	ng	0.00
7) Phenol-d6	7.681	99	1220085	123.07	ng	0.00
23) Nitrobenzene-d5	9.693	82	852089	86.11	ng	0.00
42) 2,4,6-Tribromophenol	16.598	330	533438	132.20	ng	0.00
45) 2-Fluorobiphenyl	13.751	172	1878212	93.88	ng	0.00
79) Terphenyl-d14	20.310	244	3021773	83.74	ng	0.00
Target Compounds						
9) Benzaldehyde	7.616	77	159	Below Cal	#	32
32) Benzoic acid	10.663	122	36	5.05 ng	#	1
54) 2,4-Dinitrophenol	15.198	184	22	4.84 ng	#	1

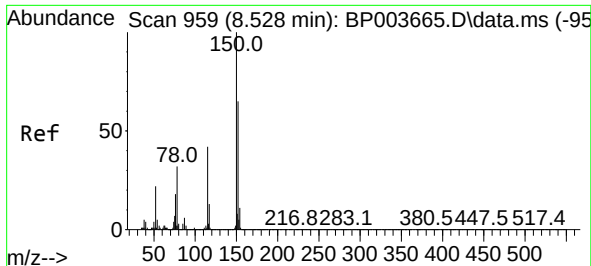
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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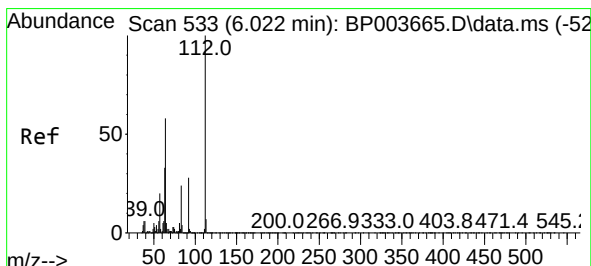
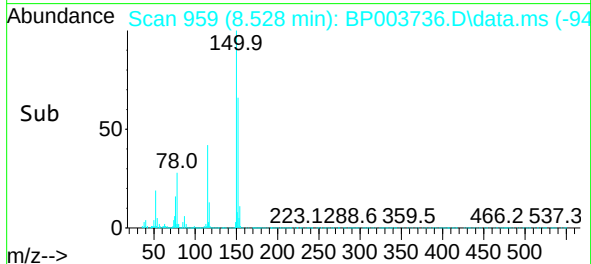
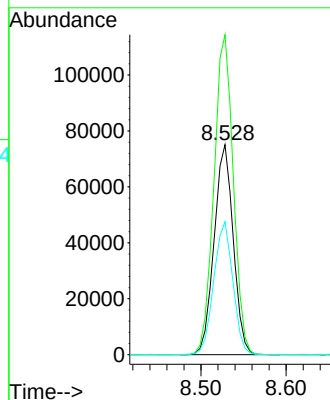
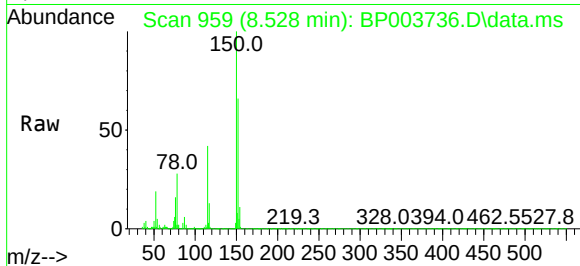




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.528 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP003736.D
Acq: 24 Oct 2020 02:14

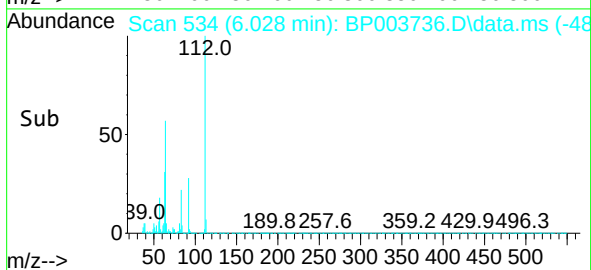
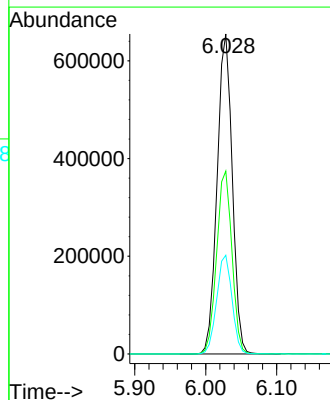
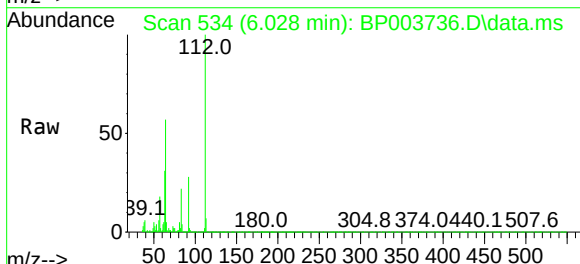
Instrument :
BNA_P
ClientSampleId :
PB132603BL

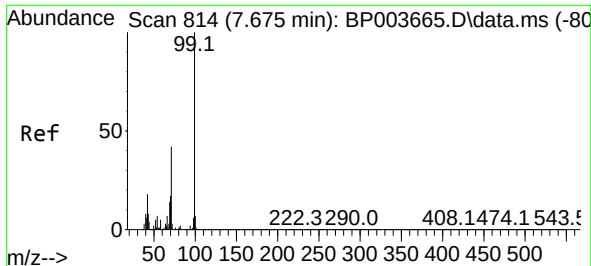
Tgt Ion:152 Resp: 117330
Ion Ratio Lower Upper
152 100
150 152.3 123.8 185.6
115 63.3 43.8 65.6



#5
2-Fluorophenol
Concen: 137.82 ng
RT: 6.028 min Scan# 534
Delta R.T. 0.006 min
Lab File: BP003736.D
Acq: 24 Oct 2020 02:14

Tgt Ion:112 Resp: 967017
Ion Ratio Lower Upper
112 100
64 57.1 32.8 49.2#
63 30.8 17.0 25.4#

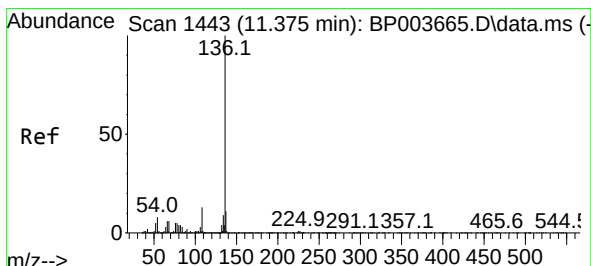
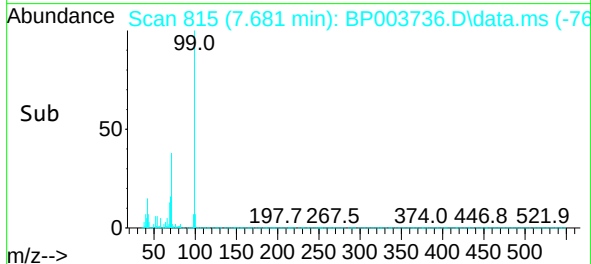
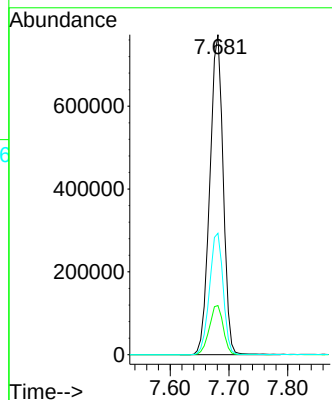
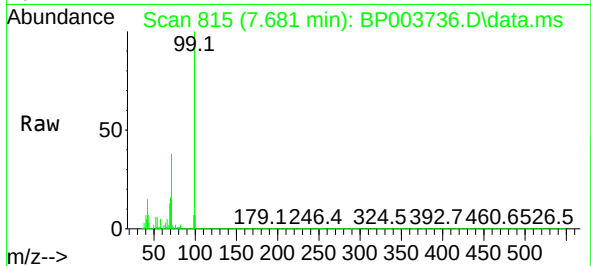




#7
Phenol-d6
Concen: 123.07 ng
RT: 7.681 min Scan# 815
Delta R.T. 0.006 min
Lab File: BP003736.D
Acq: 24 Oct 2020 02:14

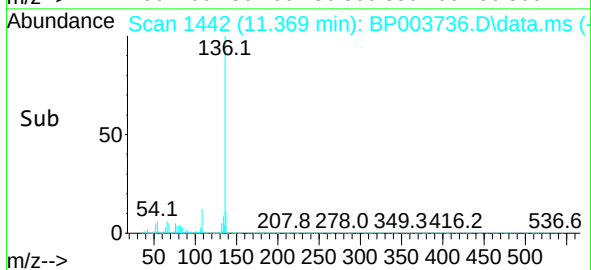
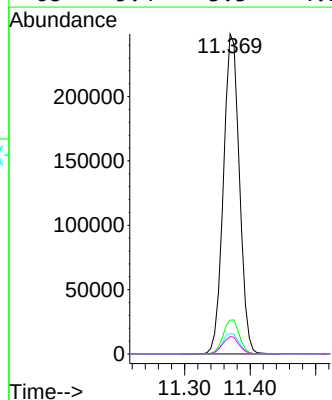
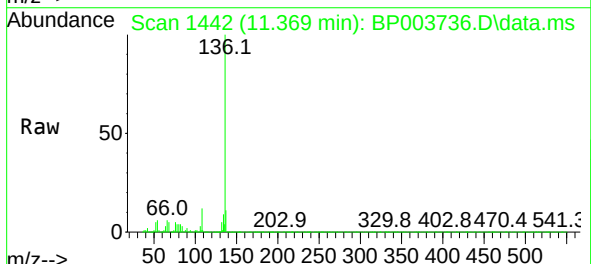
Instrument :
BNA_P
ClientSampleId :
PB132603BL

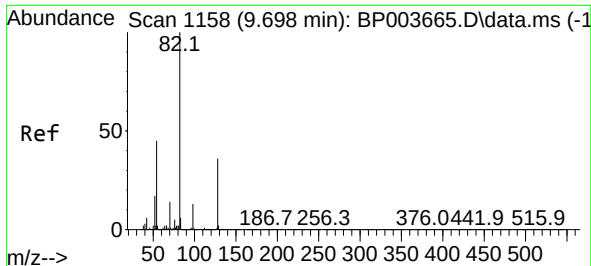
Tgt Ion: 99 Resp: 1220085
Ion Ratio Lower Upper
99 100
42 15.3 8.6 13.0#
71 38.0 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.369 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BP003736.D
Acq: 24 Oct 2020 02:14

Tgt Ion: 136 Resp: 418615
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 6.4 3.6 5.4#
68 5.4 3.3 4.9#

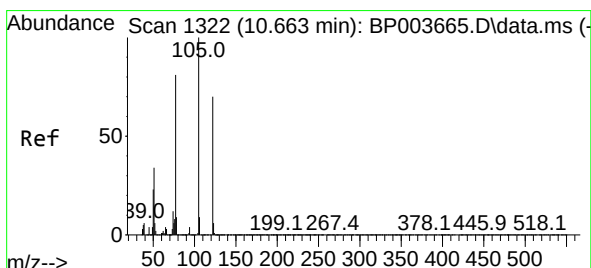
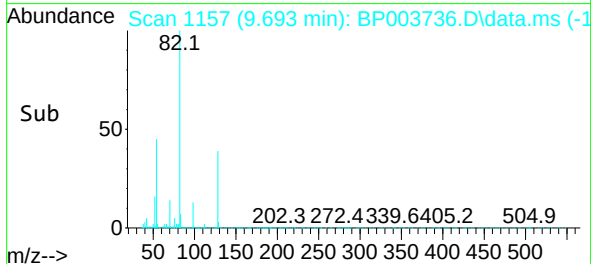
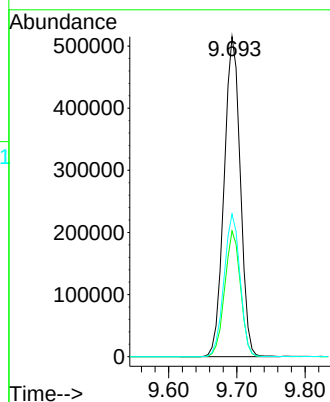
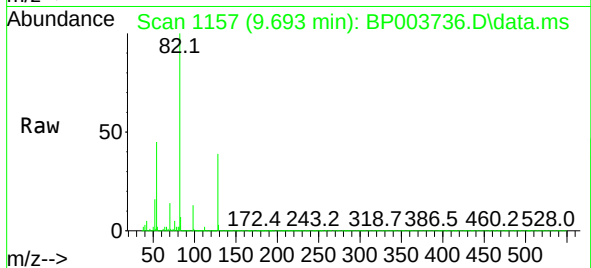




#23
Nitrobenzene-d5
Concen: 86.11 ng
RT: 9.693 min Scan# 1157
Delta R.T. -0.005 min
Lab File: BP003736.D
Acq: 24 Oct 2020 02:14

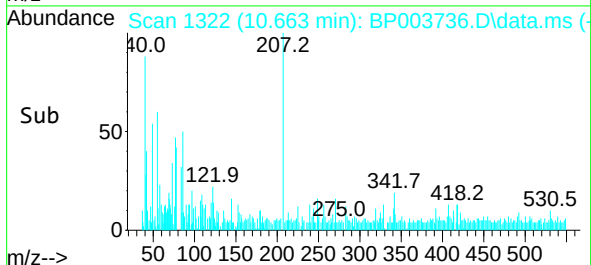
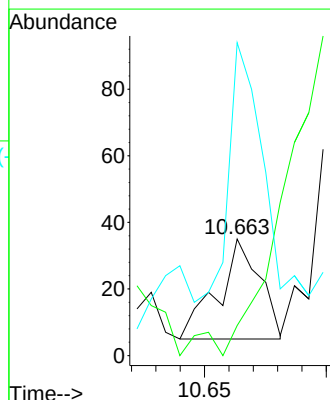
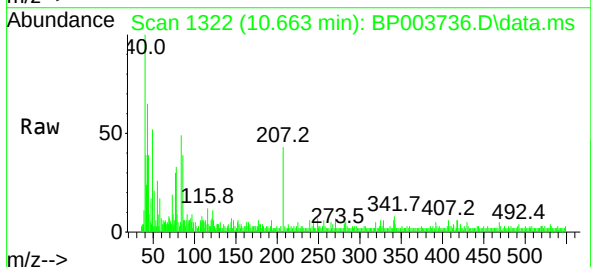
Instrument :
BNA_P
ClientSampleId :
PB132603BL

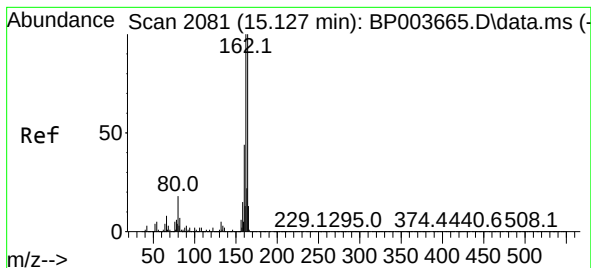
Tgt Ion: 82 Resp: 852089
Ion Ratio Lower Upper
82 100
128 39.3 45.6 68.4#
54 44.5 30.1 45.1



#32
Benzoic acid
Concen: 5.05 ng
RT: 10.663 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP003736.D
Acq: 24 Oct 2020 02:14

Tgt Ion: 122 Resp: 36
Ion Ratio Lower Upper
122 100
105 25.7 94.1 134.1#
77 268.6 50.1 90.1#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.122 min Scan# 2080

Delta R.T. -0.005 min

Lab File: BP003736.D

Acq: 24 Oct 2020 02:14

Instrument :

BNA_P

ClientSampleId :

PB132603BL

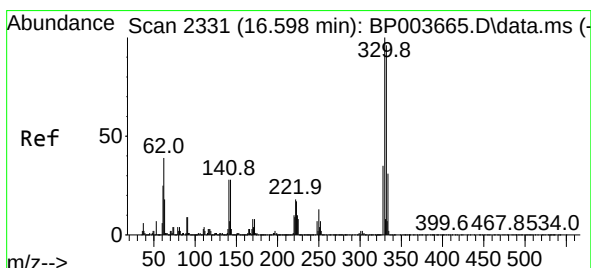
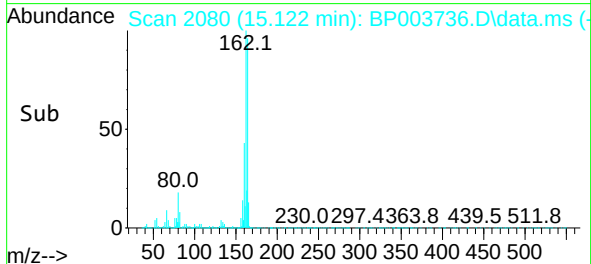
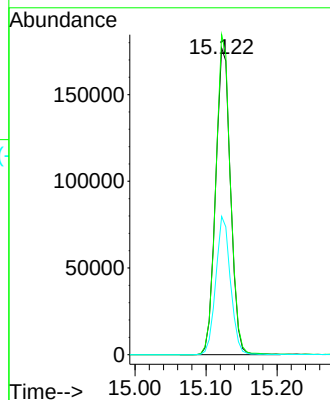
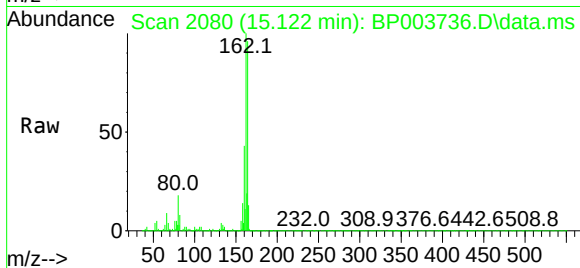
Tgt Ion:164 Resp: 258632

Ion Ratio Lower Upper

164 100

162 104.4 79.4 119.2

160 45.1 36.1 54.1



#42

2,4,6-Tribromophenol

Concen: 132.20 ng

RT: 16.598 min Scan# 2331

Delta R.T. 0.000 min

Lab File: BP003736.D

Acq: 24 Oct 2020 02:14

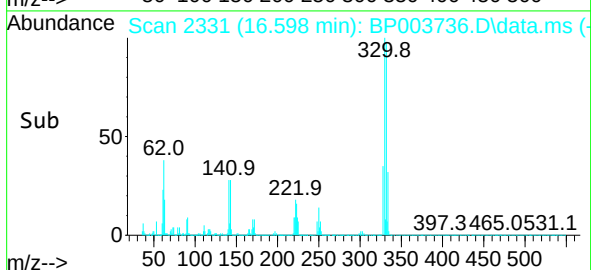
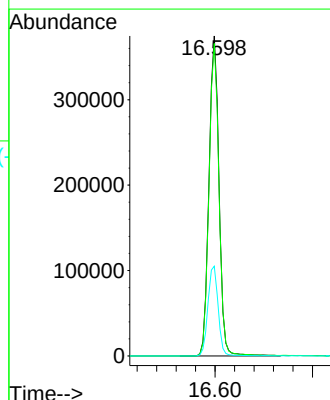
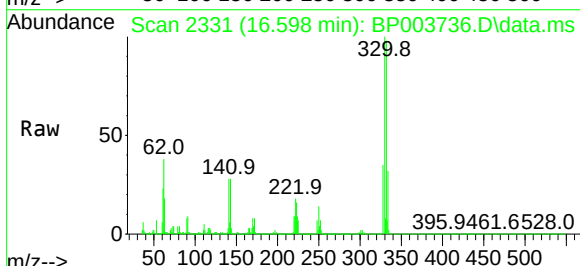
Tgt Ion:330 Resp: 533438

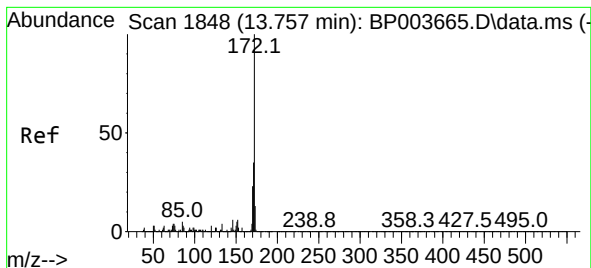
Ion Ratio Lower Upper

330 100

332 97.6 77.1 115.7

141 28.8 23.4 35.2

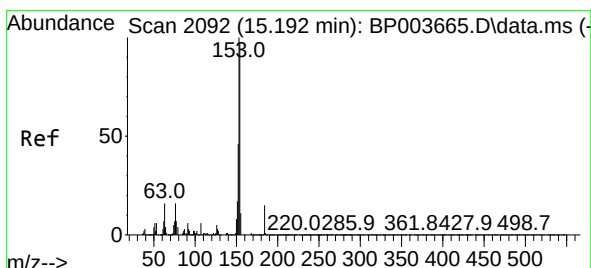
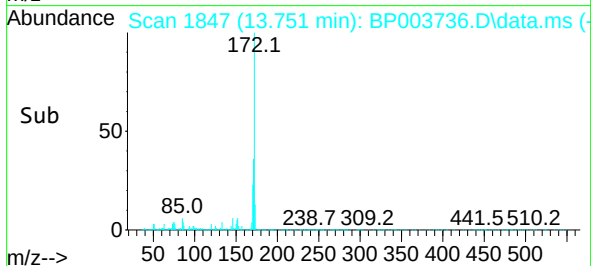
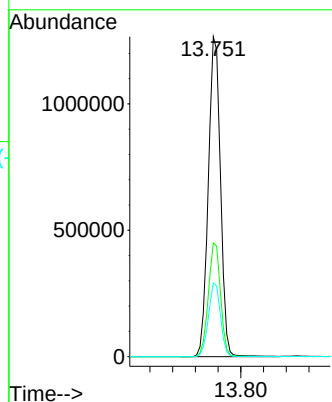
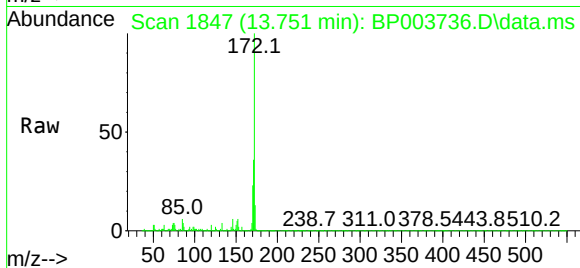




#45
2-Fluorobiphenyl
Concen: 93.88 ng
RT: 13.751 min Scan# 1847
Delta R.T. -0.005 min
Lab File: BP003736.D
Acq: 24 Oct 2020 02:14

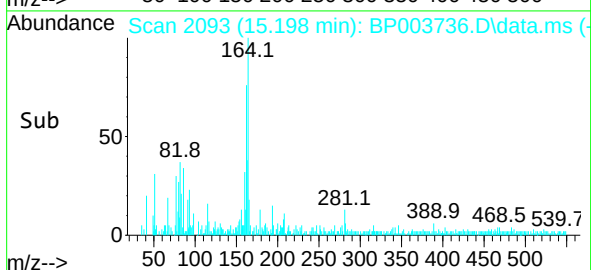
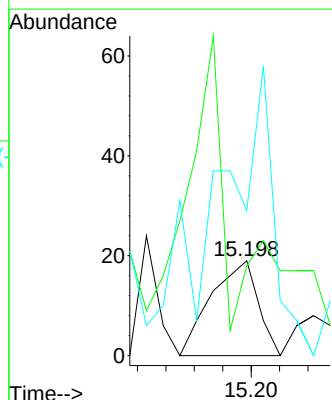
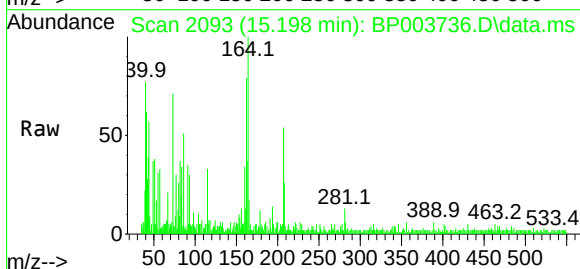
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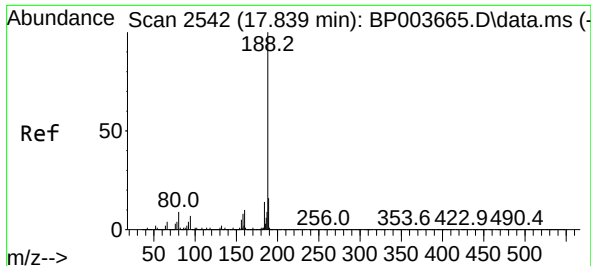
Tgt Ion:172 Resp: 1878212
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.0 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 4.84 ng
RT: 15.198 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BP003736.D
Acq: 24 Oct 2020 02:14

Tgt Ion:184 Resp: 22
Ion Ratio Lower Upper
184 100
63 94.7 32.3 48.5#
154 152.6 49.1 73.7#

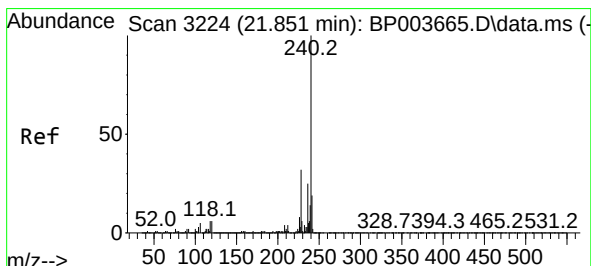
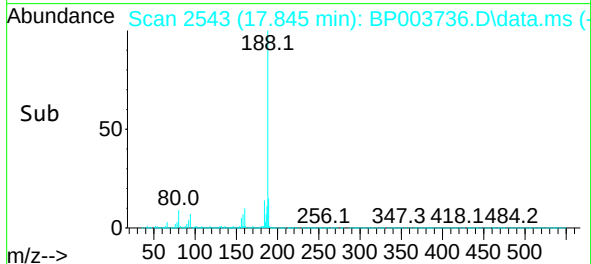
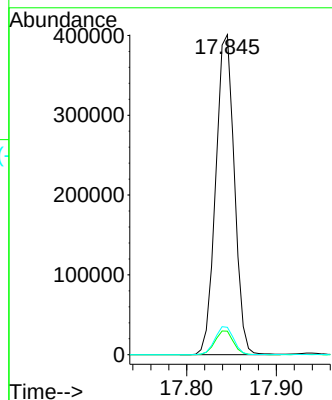
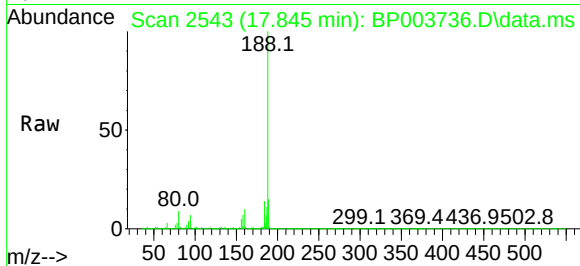




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.845 min Scan# 2543
Delta R.T. 0.006 min
Lab File: BP003736.D
Acq: 24 Oct 2020 02:14

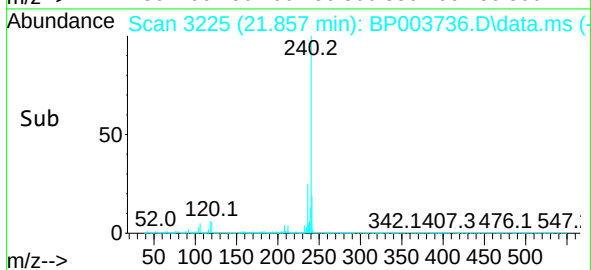
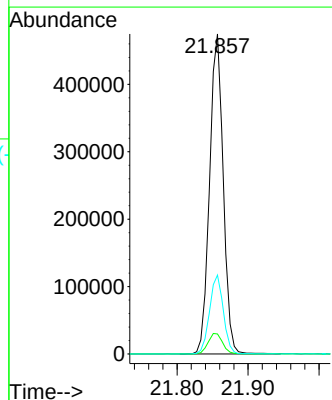
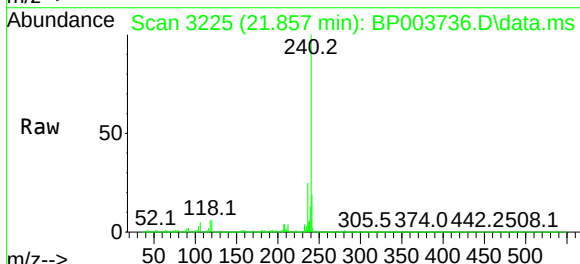
Instrument :
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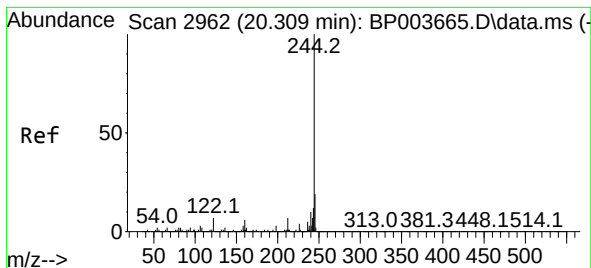
Tgt Ion:188 Resp: 577373
Ion Ratio Lower Upper
188 100
94 7.4 6.2 9.2
80 8.6 6.2 9.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.857 min Scan# 3225
Delta R.T. 0.006 min
Lab File: BP003736.D
Acq: 24 Oct 2020 02:14

Tgt Ion:240 Resp: 634684
Ion Ratio Lower Upper
240 100
120 6.3 7.8 11.6#
236 24.7 20.8 31.2





#79

Terphenyl-d14

Concen: 83.74 ng

RT: 20.310 min Scan# 2962

Delta R.T. 0.000 min

Lab File: BP003736.D

Acq: 24 Oct 2020 02:14

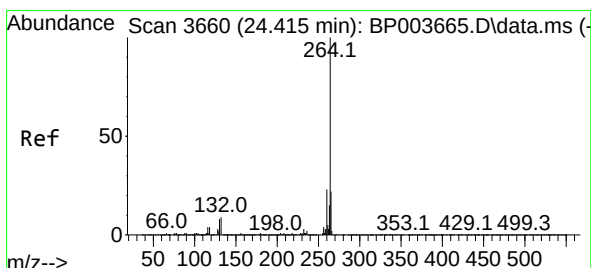
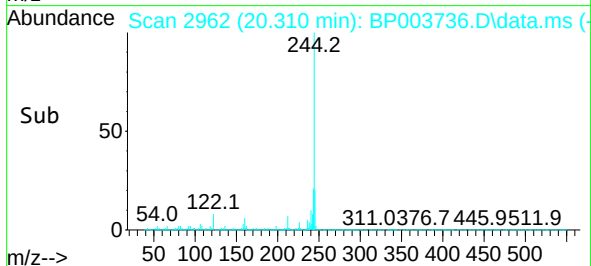
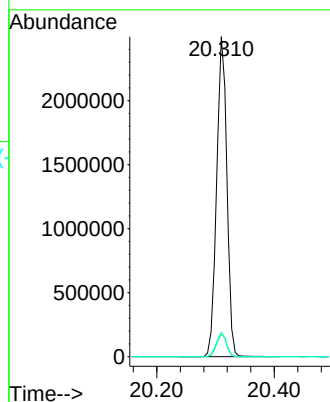
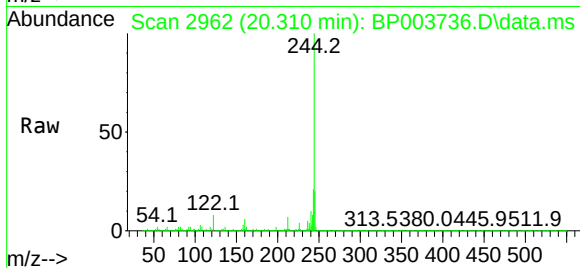
Tgt Ion:244 Resp: 3021773

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 7.7 7.8 11.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.433 min Scan# 3663

Delta R.T. 0.018 min

Lab File: BP003736.D

Acq: 24 Oct 2020 02:14

Tgt Ion:264 Resp: 648468

Ion Ratio Lower Upper

264 100

260 22.8 18.8 28.2

265 21.6 17.4 26.2

