

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092420\
 Data File : BP003368.D
 Acq On : 24 Sep 2020 14:23
 Operator : CG/JU
 Sample : PB131864BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131864BL

Quant Time: Sep 24 15:00:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 12:48:08 2020
 Response via : Initial Calibration

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

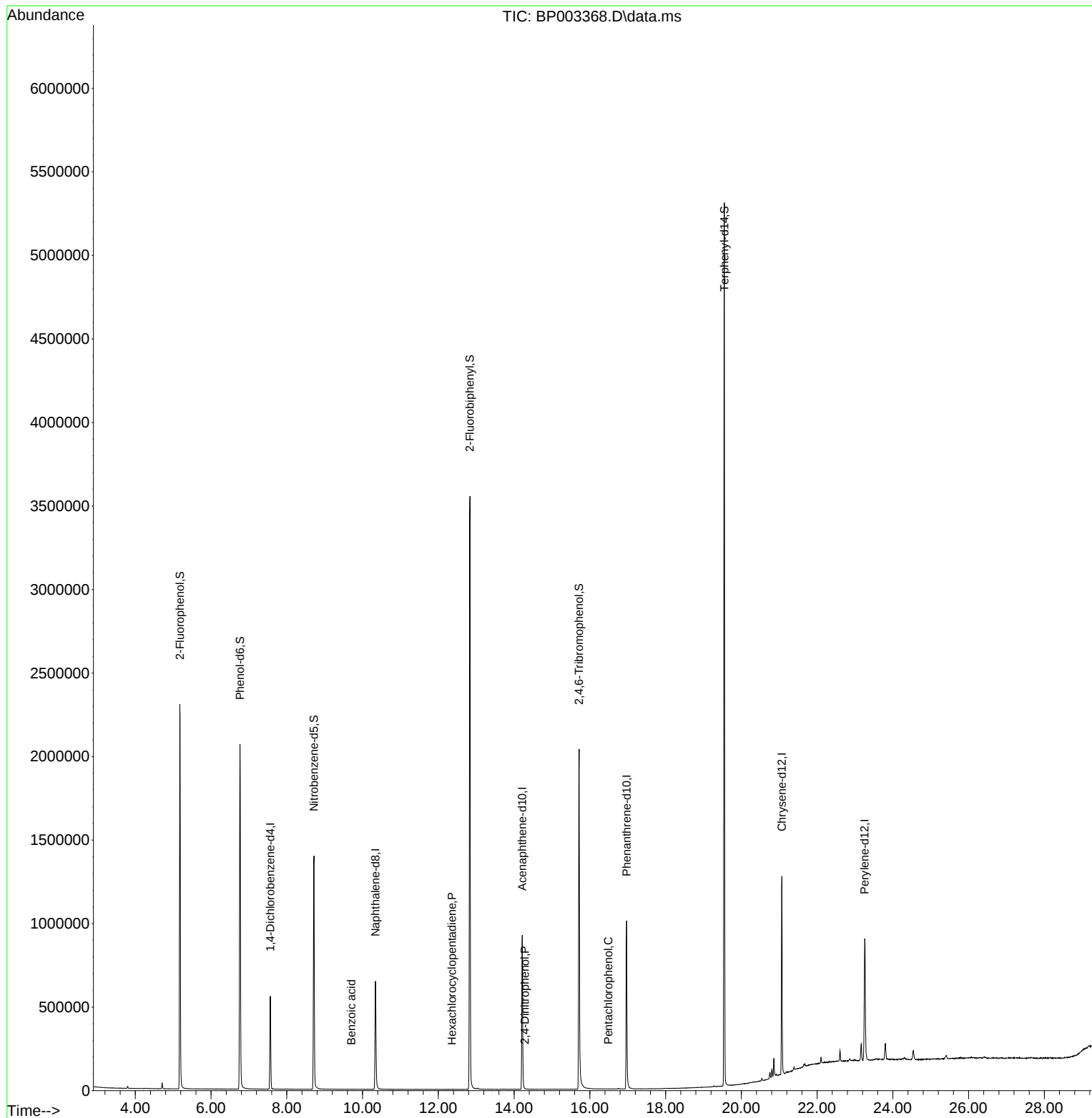
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	154398	20.00	ng	-0.05
21) Naphthalene-d8	10.340	136	598866	20.00	ng	#-0.06
39) Acenaphthene-d10	14.216	164	336609	20.00	ng	-0.05
64) Phenanthrene-d10	16.969	188	647362	20.00	ng	#-0.05
76) Chrysene-d12	21.069	240	609399	20.00	ng	-0.04
86) Perylene-d12	23.257	264	580734	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	1112045	125.77	ng	-0.05
7) Phenol-d6	6.763	99	1362503	115.60	ng	-0.05
23) Nitrobenzene-d5	8.716	82	917967	90.05	ng	-0.05
42) 2,4,6-Tribromophenol	15.716	330	455484	88.72	ng	-0.05
45) 2-Fluorobiphenyl	12.834	172	1953952	84.90	ng	-0.05
79) Terphenyl-d14	19.551	244	2393470	81.83	ng	-0.04
Target Compounds						
						Qvalue
32) Benzoic acid	9.704	122	38	9.16	ng	# 1
41) Hexachlorocyclopentadiene	12.357	237	20	6.84	ng	91
54) 2,4-Dinitrophenol	14.287	184	17	7.26	ng	94
70) Pentachlorophenol	16.486	266	38	6.78	ng	94

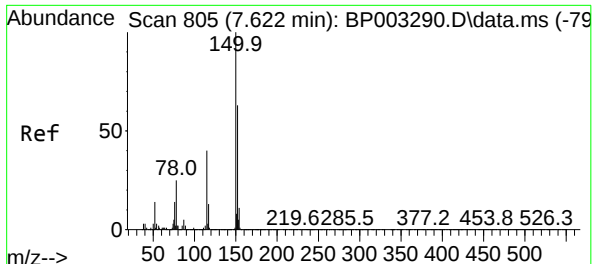
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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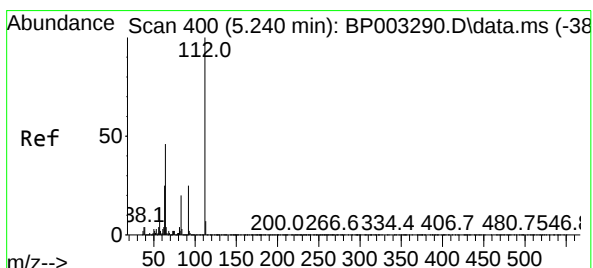
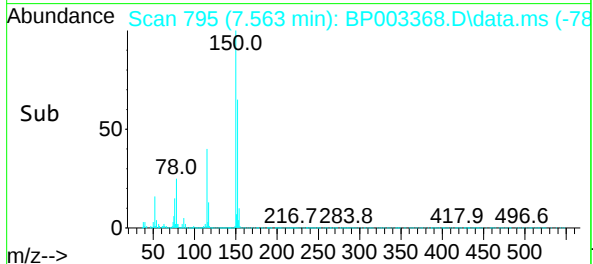
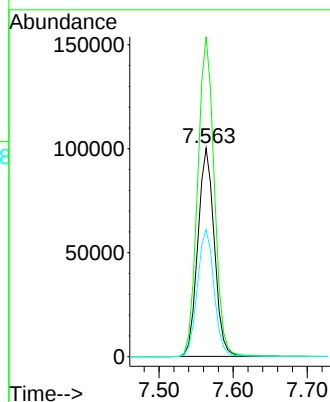
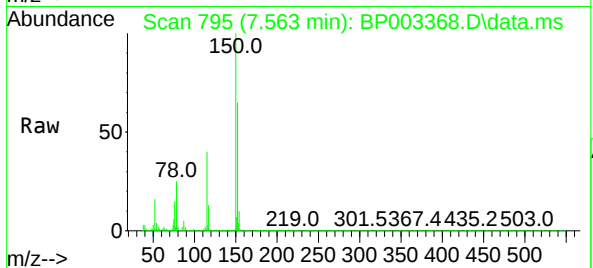




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.563 min Scan# 795
Delta R.T. -0.053 min
Lab File: BP003368.D
Acq: 24 Sep 2020 14:23

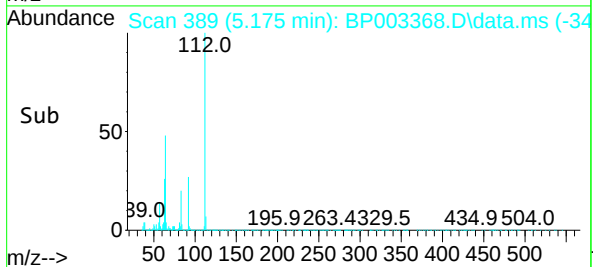
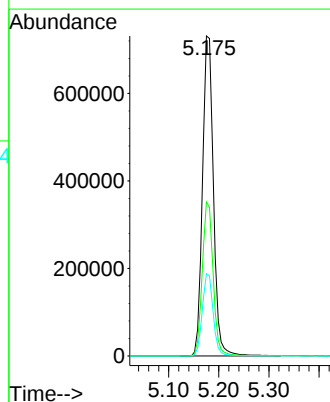
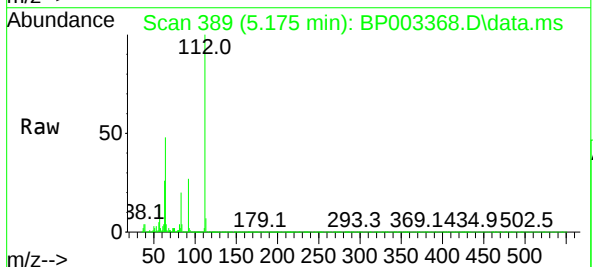
Instrument :
BNA_P
ClientSampleId :
PB131864BL

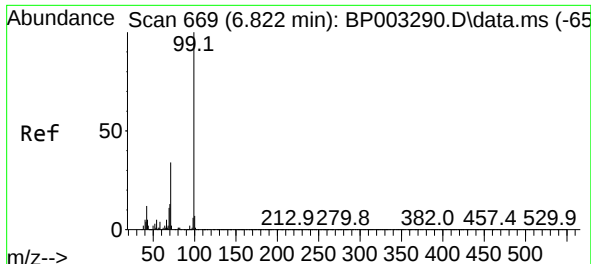
Tgt Ion:152 Resp: 154398
Ion Ratio Lower Upper
152 100
150 153.4 123.8 185.6
115 60.9 43.8 65.6



#5
2-Fluorophenol
Concen: 125.77 ng
RT: 5.175 min Scan# 389
Delta R.T. -0.053 min
Lab File: BP003368.D
Acq: 24 Sep 2020 14:23

Tgt Ion:112 Resp: 1112045
Ion Ratio Lower Upper
112 100
64 48.2 32.8 49.2
63 25.7 17.0 25.4#



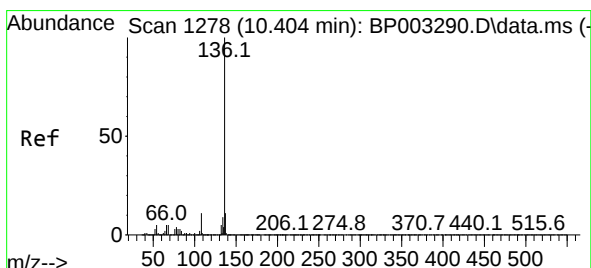
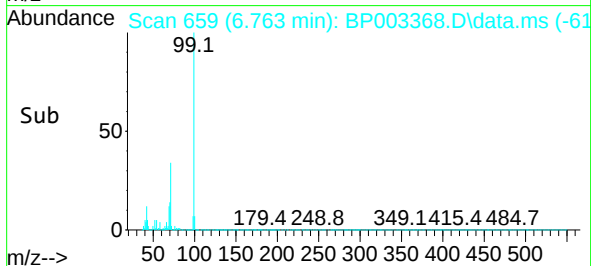
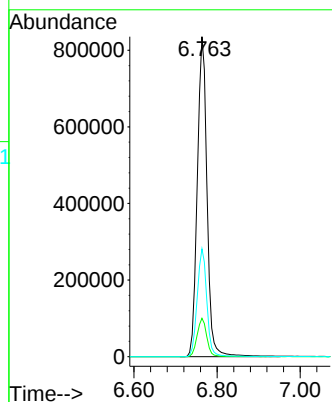
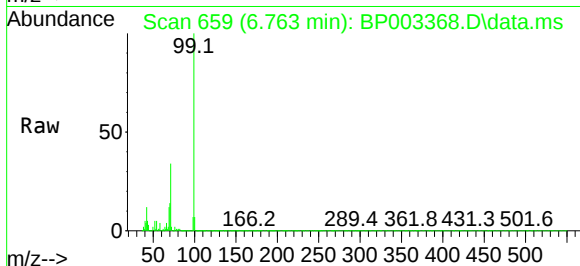


#7
Phenol-d6
Concen: 115.60 ng
RT: 6.763 min Scan# 659
Delta R.T. -0.047 min
Lab File: BP003368.D
Acq: 24 Sep 2020 14:23

Instrument :
BNA_P
ClientSampleId :
PB131864BL

Tgt Ion: 99 Resp: 1362503

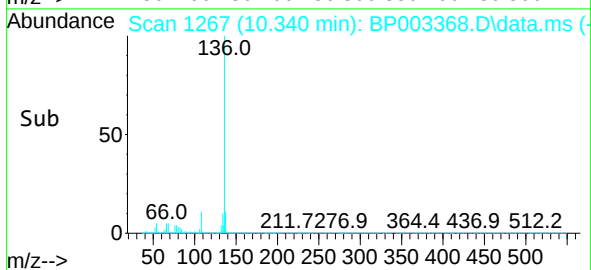
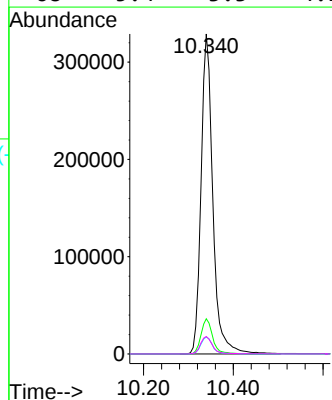
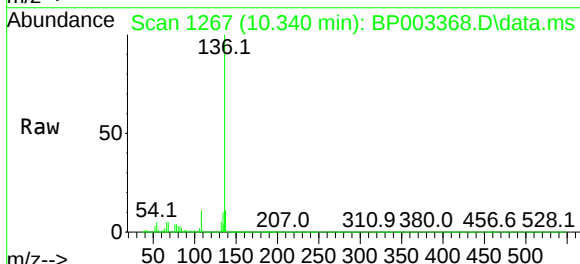
Ion	Ratio	Lower	Upper
99	100		
42	12.0	8.6	13.0
71	33.7	23.4	35.2

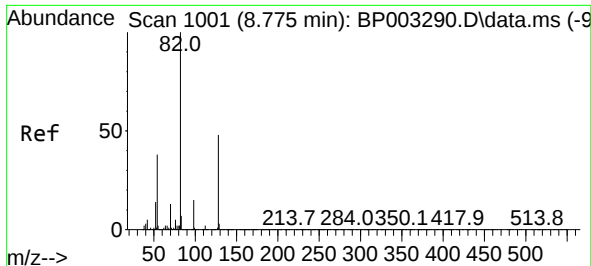


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.340 min Scan# 1267
Delta R.T. -0.059 min
Lab File: BP003368.D
Acq: 24 Sep 2020 14:23

Tgt Ion: 136 Resp: 598866

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	5.3	3.6	5.4
68	5.4	3.3	4.9

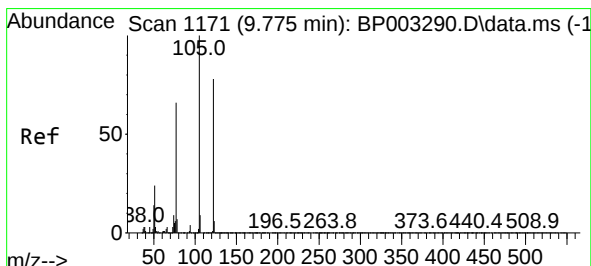
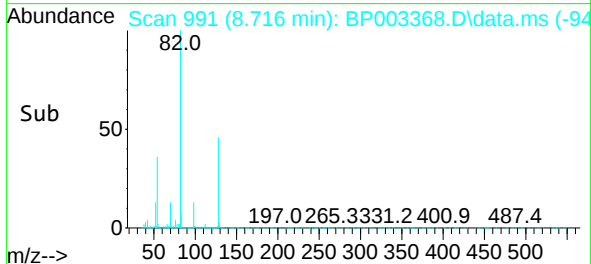
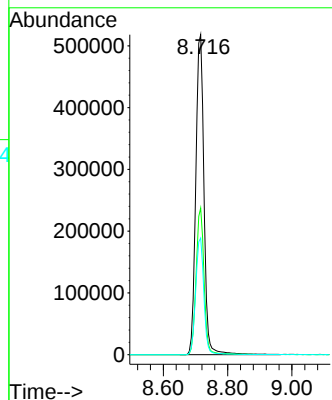
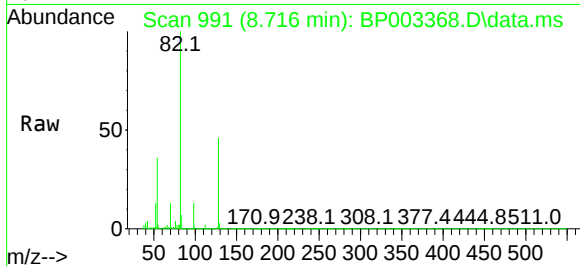




#23
Nitrobenzene-d5
Concen: 90.05 ng
RT: 8.716 min Scan# 991
Delta R.T. -0.053 min
Lab File: BP003368.D
Acq: 24 Sep 2020 14:23

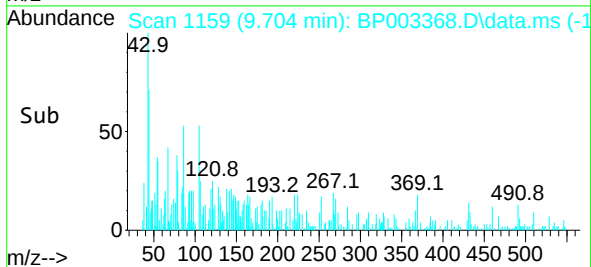
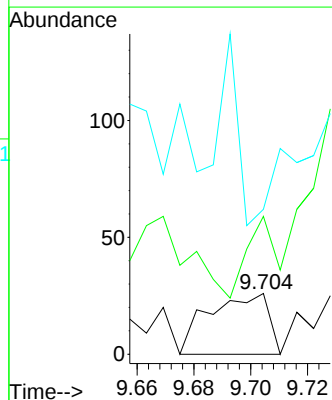
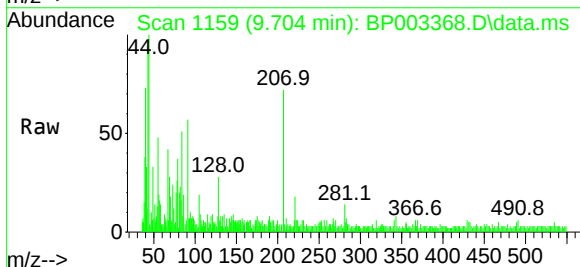
Instrument :
BNA_P
ClientSampleId :
PB131864BL

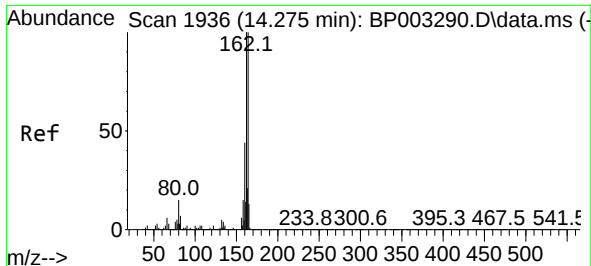
Tgt Ion: 82 Resp: 917967
Ion Ratio Lower Upper
82 100
128 45.8 45.6 68.4
54 36.5 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.704 min Scan# 1159
Delta R.T. -0.053 min
Lab File: BP003368.D
Acq: 24 Sep 2020 14:23

Tgt Ion:122 Resp: 38
Ion Ratio Lower Upper
122 100
105 226.9 94.1 134.1#
77 238.5 50.1 90.1#

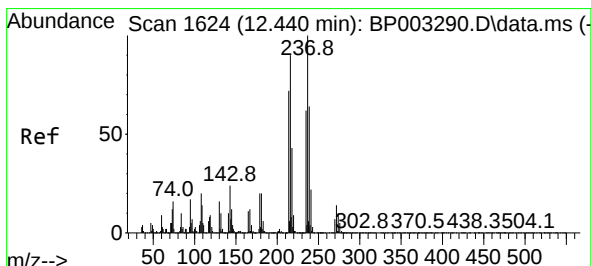
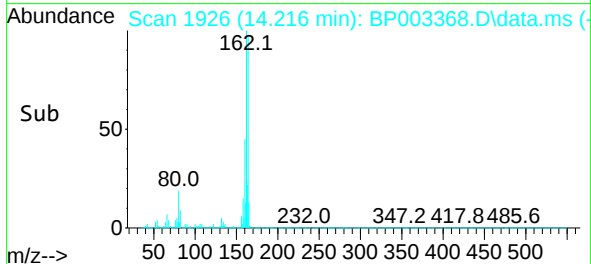
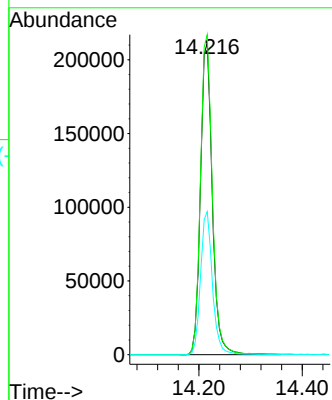
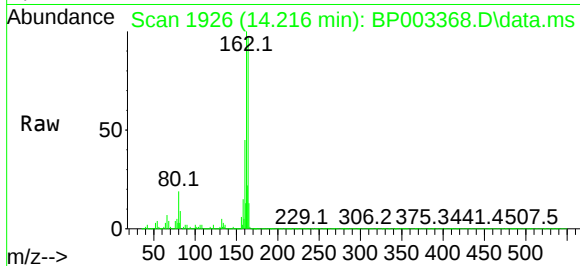




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.216 min Scan# 1926
Delta R.T. -0.047 min
Lab File: BP003368.D
Acq: 24 Sep 2020 14:23

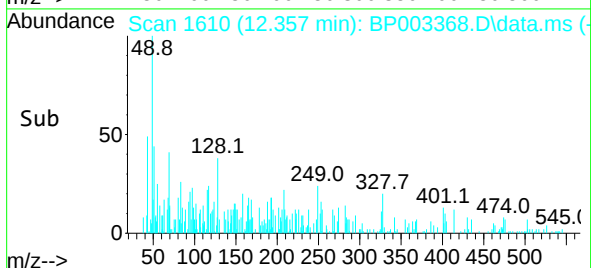
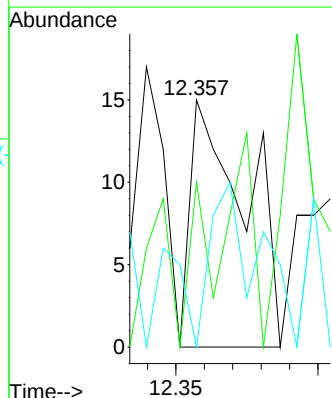
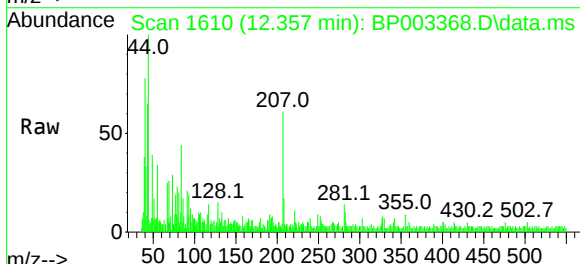
Instrument :
BNA_P
ClientSampleId :
PB131864BL

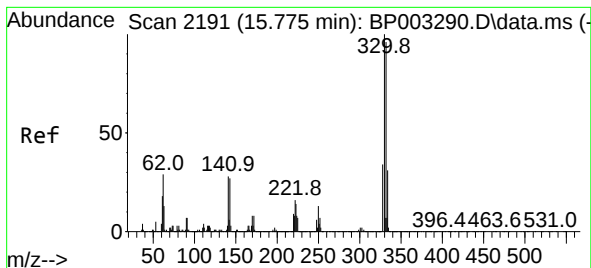
Tgt Ion:164 Resp: 336609
Ion Ratio Lower Upper
164 100
162 102.6 79.4 119.2
160 45.9 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 6.84 ng
RT: 12.357 min Scan# 1610
Delta R.T. -0.070 min
Lab File: BP003368.D
Acq: 24 Sep 2020 14:23

Tgt Ion:237 Resp: 20
Ion Ratio Lower Upper
237 100
235 66.7 43.2 83.2
272 0.0 0.0 33.3

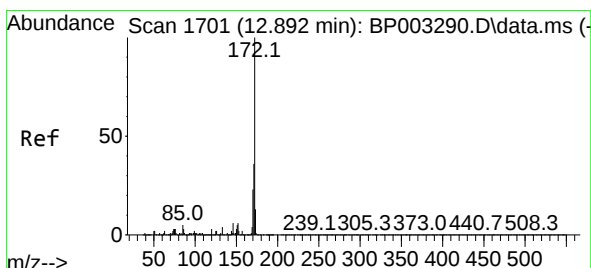
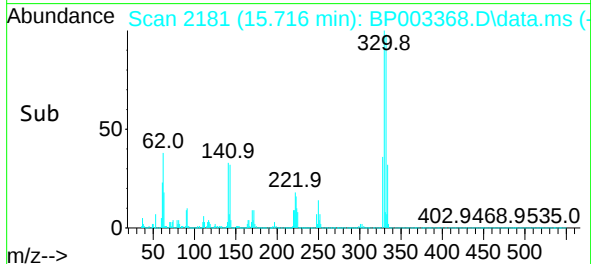
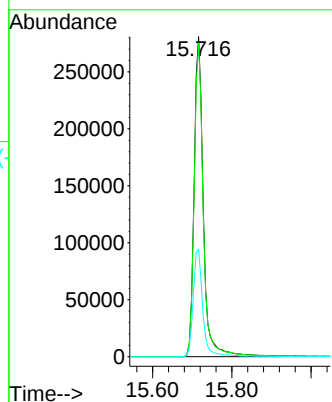
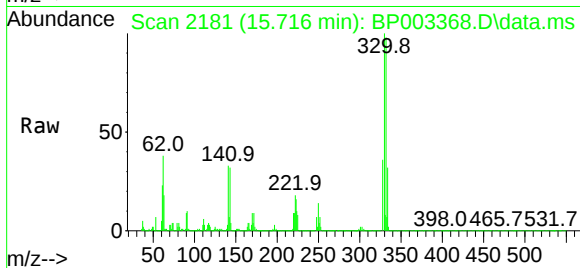




#42
2,4,6-Tribromophenol
Concen: 88.72 ng
RT: 15.716 min Scan# 2181
Delta R.T. -0.047 min
Lab File: BP003368.D
Acq: 24 Sep 2020 14:23

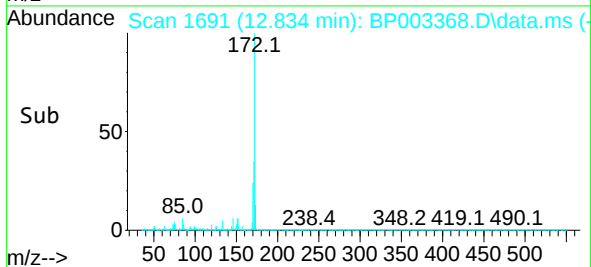
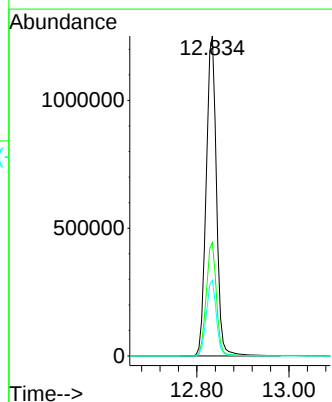
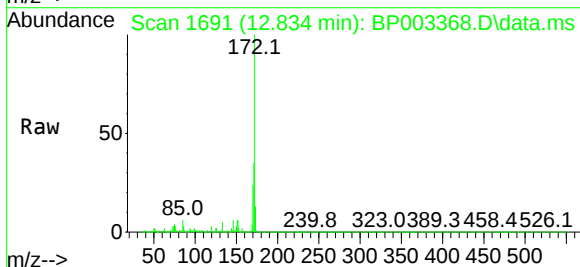
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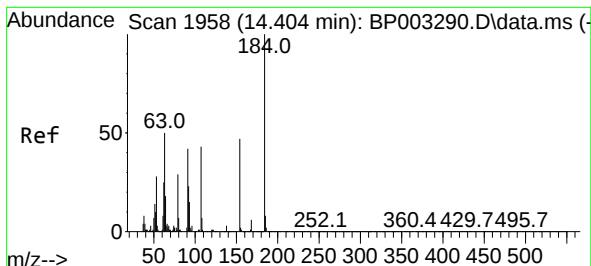
Tgt Ion:330 Resp: 455484
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 34.6 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 84.90 ng
RT: 12.834 min Scan# 1691
Delta R.T. -0.047 min
Lab File: BP003368.D
Acq: 24 Sep 2020 14:23

Tgt Ion:172 Resp: 1953952
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.6 19.2 28.8

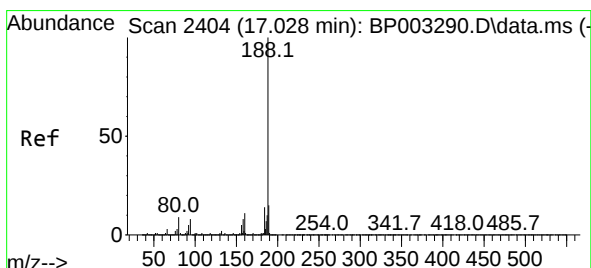
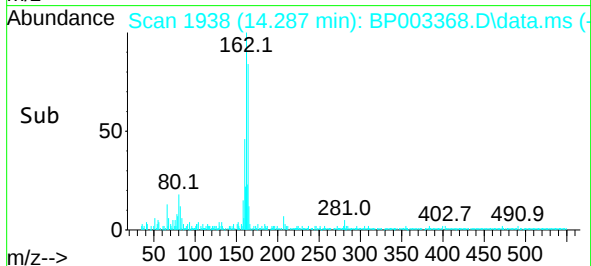
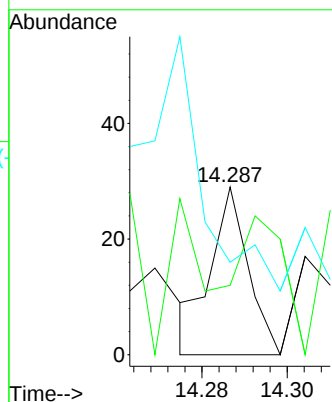
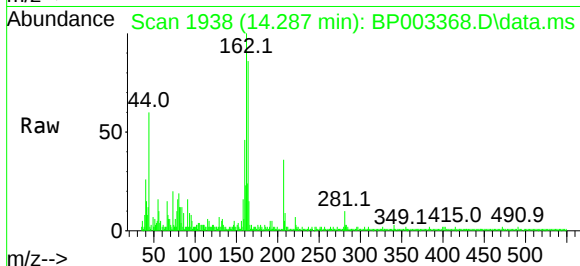




#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.287 min Scan# 1938
Delta R.T. -0.112 min
Lab File: BP003368.D
Acq: 24 Sep 2020 14:23

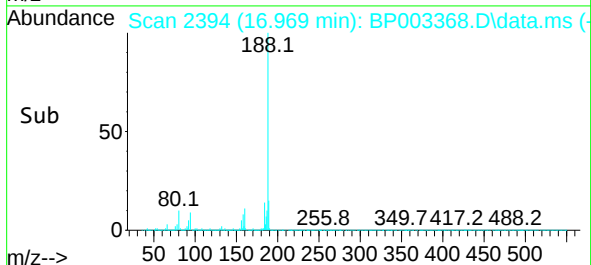
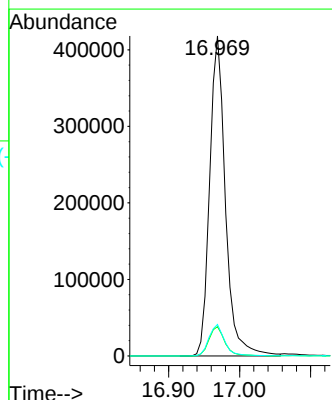
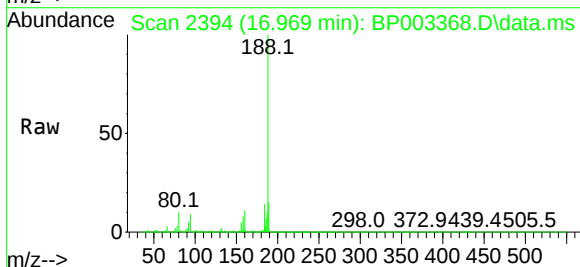
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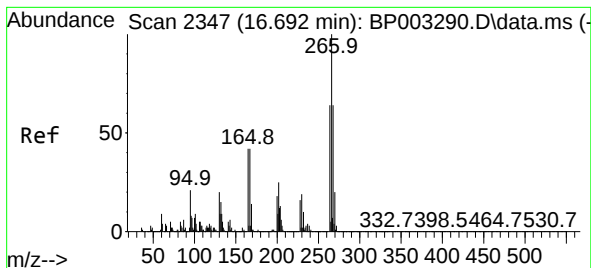
Tgt Ion:184 Resp: 17
Ion Ratio Lower Upper
184 100
63 41.4 32.3 48.5
154 55.2 49.1 73.7



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.969 min Scan# 2394
Delta R.T. -0.047 min
Lab File: BP003368.D
Acq: 24 Sep 2020 14:23

Tgt Ion:188 Resp: 647362
Ion Ratio Lower Upper
188 100
94 9.2 6.2 9.2
80 9.8 6.2 9.2#

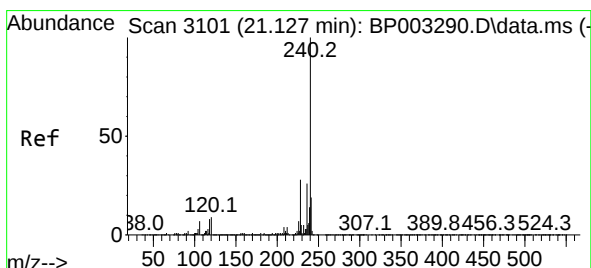
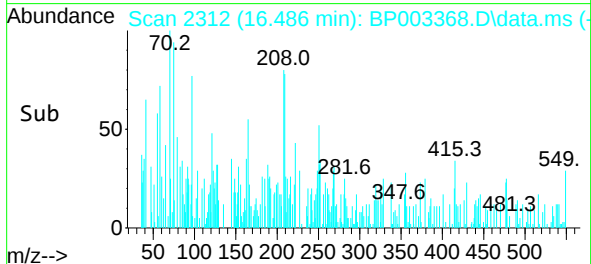
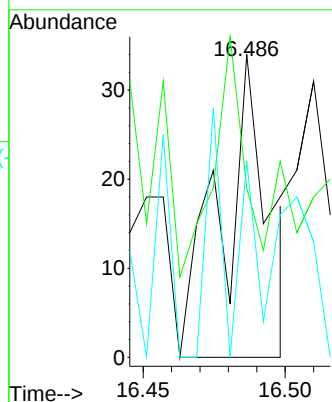
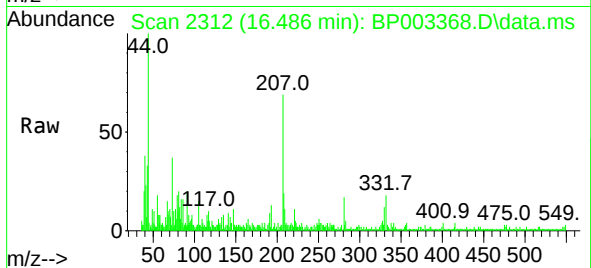




#70
Pentachlorophenol
Concen: 6.78 ng
RT: 16.486 min Scan# 2312
Delta R.T. -0.200 min
Lab File: BP003368.D
Acq: 24 Sep 2020 14:23

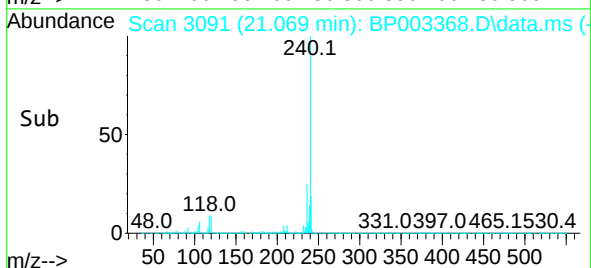
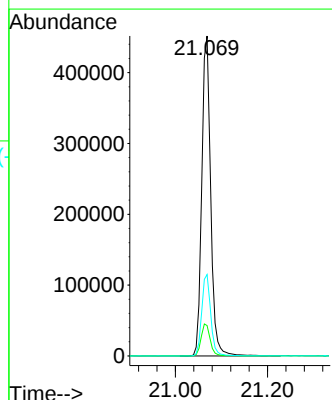
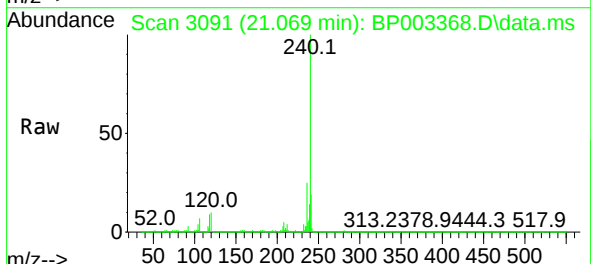
Instrument :
BNA_P
ClientSampleId :
PB131864BL

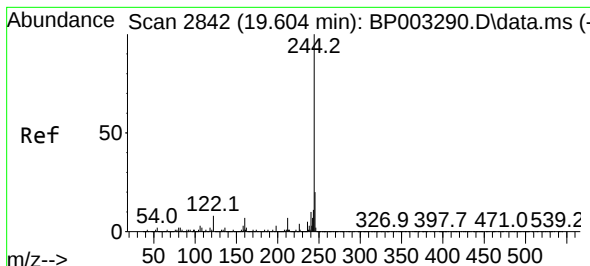
Tgt Ion:266 Resp: 38
Ion Ratio Lower Upper
266 100
268 55.9 51.1 76.7
264 64.7 50.6 76.0



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.069 min Scan# 3091
Delta R.T. -0.041 min
Lab File: BP003368.D
Acq: 24 Sep 2020 14:23

Tgt Ion:240 Resp: 609399
Ion Ratio Lower Upper
240 100
120 9.5 7.8 11.6
236 25.4 20.8 31.2





#79

Terphenyl-d14

Concen: 81.83 ng

RT: 19.551 min Scan# 2833

Delta R.T. -0.041 min

Lab File: BP003368.D

Acq: 24 Sep 2020 14:23

Instrument :

BNA_P

ClientSampleId :

PB131864BL

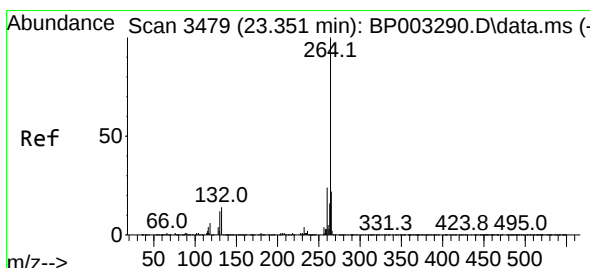
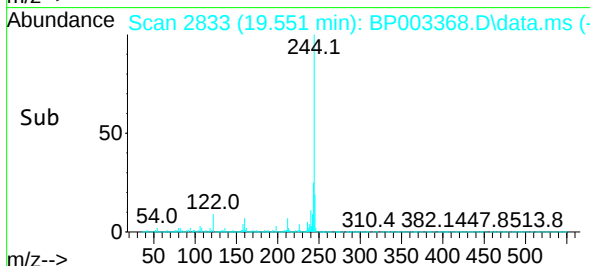
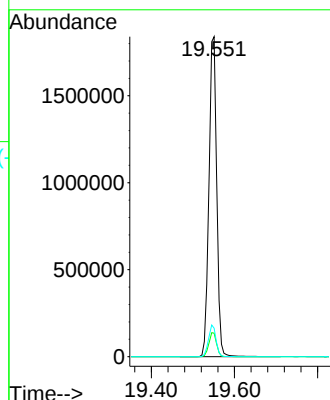
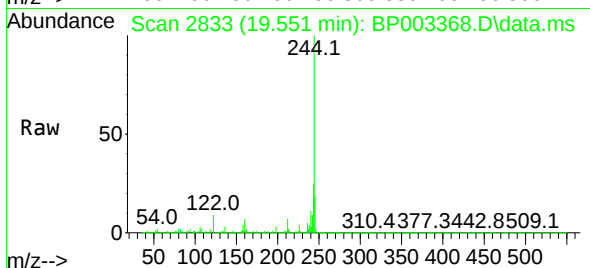
Tgt Ion:244 Resp: 2393470

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 8.9 7.8 11.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.257 min Scan# 3463

Delta R.T. -0.070 min

Lab File: BP003368.D

Acq: 24 Sep 2020 14:23

Tgt Ion:264 Resp: 580734

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 22.0 17.4 26.2

