

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091120\
 Data File : BP003255.D
 Acq On : 11 Sep 2020 12:00
 Operator : CG/JU
 Sample : PB131525BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131525BL

Quant Time: Sep 11 12:56:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 14:37:05 2020
 Response via : Initial Calibration

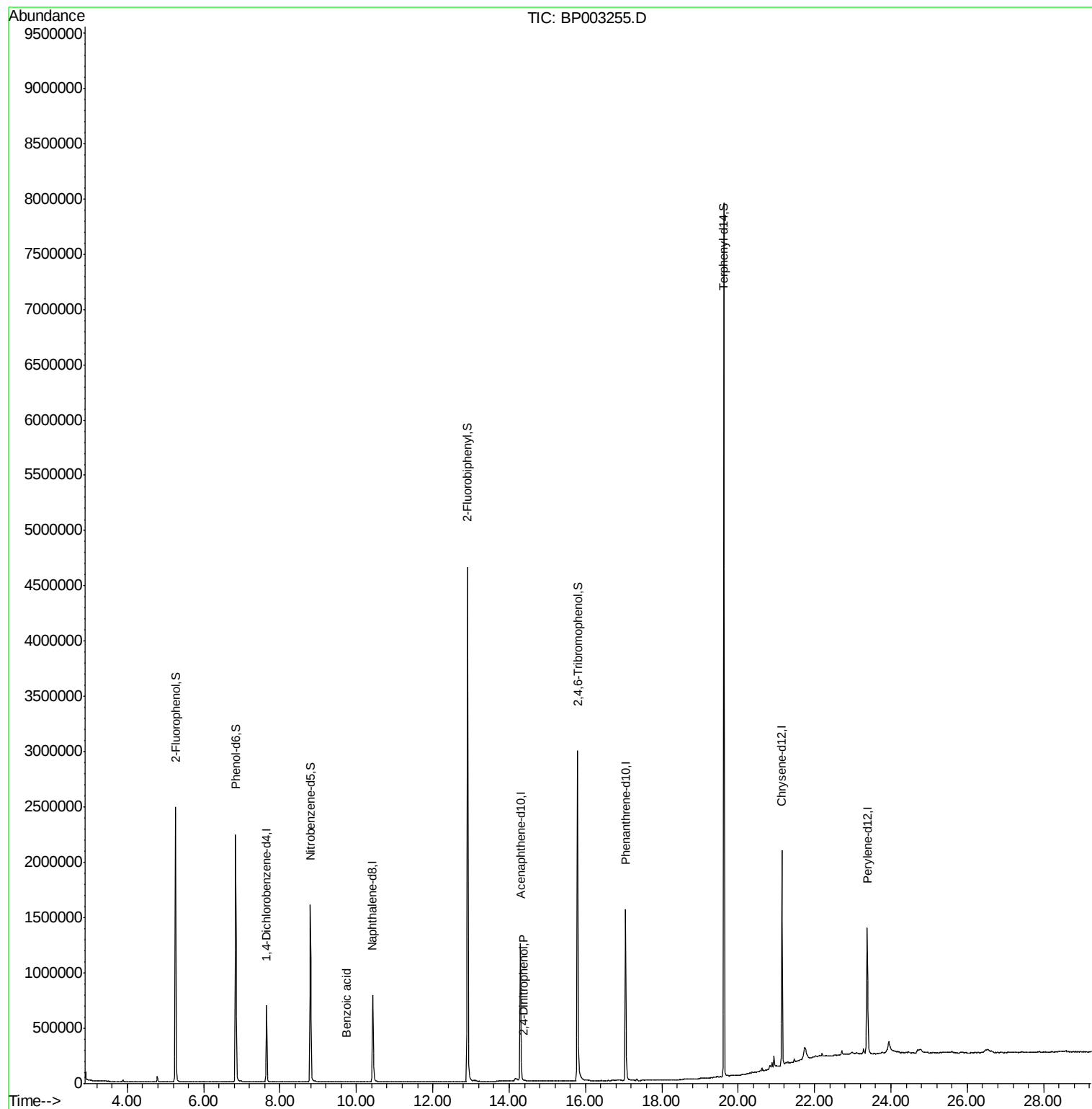
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	207358	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	827909	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	496861	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1070487	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1027016	20.00	ng	0.00
86) Perylene-d12	23.38	264	927677	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1335179	113.84	ng	0.00
7) Phenol-d6	6.84	99	1582951	107.67	ng	0.00
23) Nitrobenzene-d5	8.79	82	1003002	87.34	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	828065	123.23	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	2771777	81.70	ng	0.00
79) Terphenyl-d14	19.62	244	3814850	81.73	ng	0.00
Target Compounds						
32) Benzoic acid	9.76	122	37	9.001	ng	# 1
54) 2,4-Dinitrophenol	14.39	184	50	7.766	ng	# 1

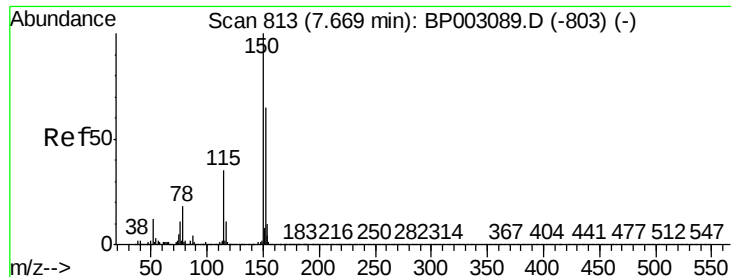
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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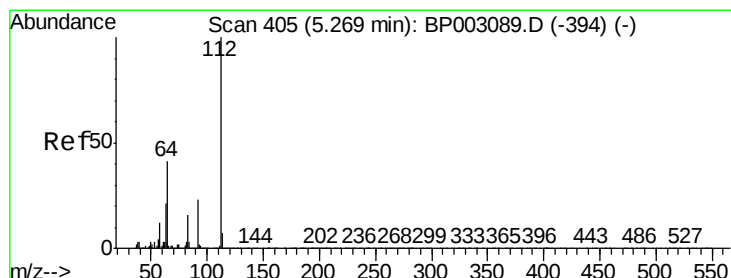
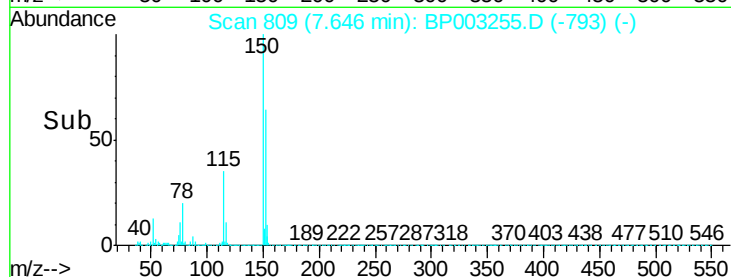
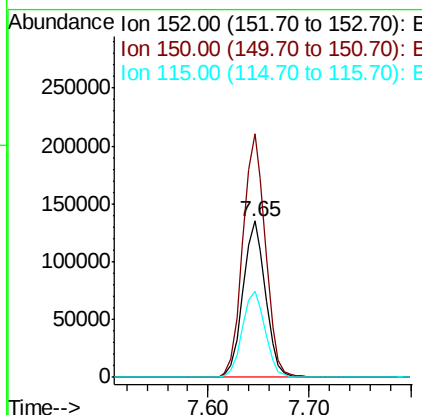
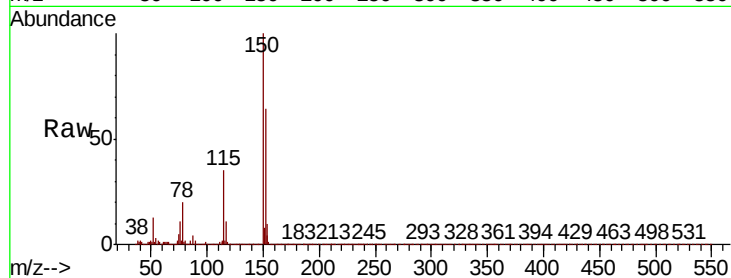


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 809
Delta R.T. -0.01 min
Lab File: BP003255.D
Acq: 11 Sep 2020 12:00

Instrument :
BNA_P
ClientSampled :
PB131525BL

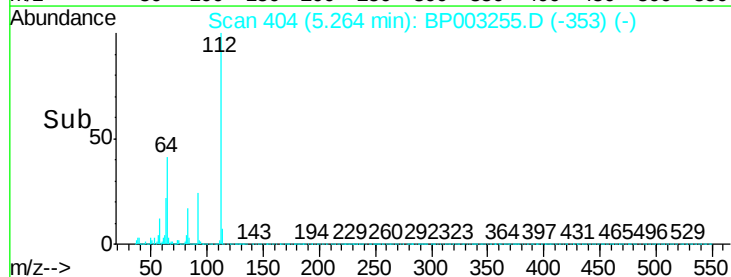
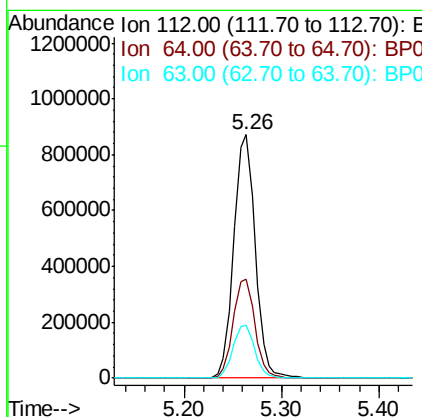
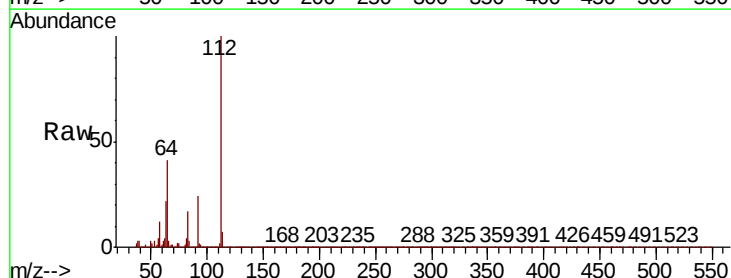
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.8	185.6
115	55.0	43.8	65.6

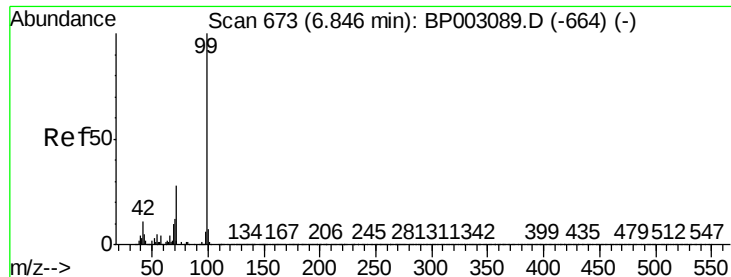


#5

2-Fluorophenol
Concen: 113.843 ng
RT: 5.26 min Scan# 404
Delta R.T. -0.00 min
Lab File: BP003255.D
Acq: 11 Sep 2020 12:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.8	32.8	49.2
63	21.7	17.0	25.4





#7

Phenol-d6

Concen: 107.668 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003255.D

Acq: 11 Sep 2020 12:00

Instrument :

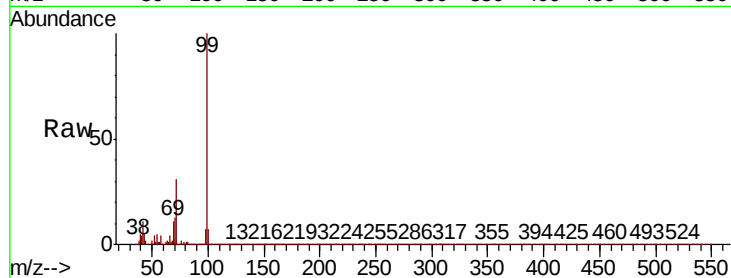
BNA_P

ClientSampleId :

PB131525BL

Tot Ion: 99 Resp: 1582951

Ion	Ratio	Lower	Upper
99	100		
42	11.2	8.6	13.0
71	31.2	23.4	35.2

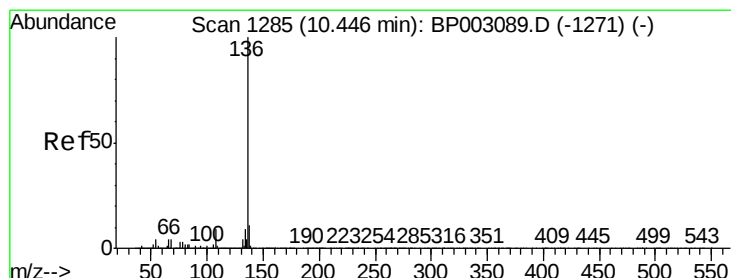
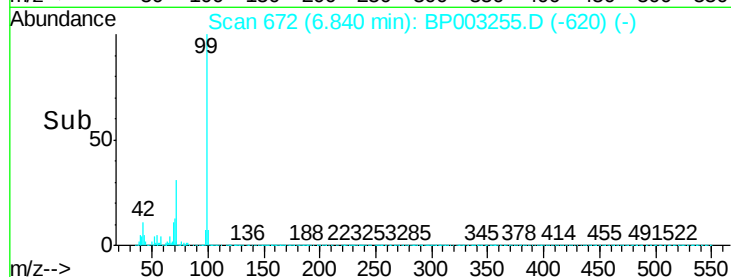
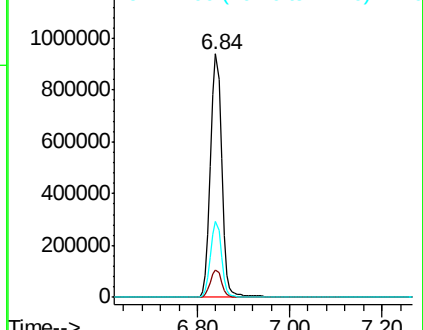


Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1282

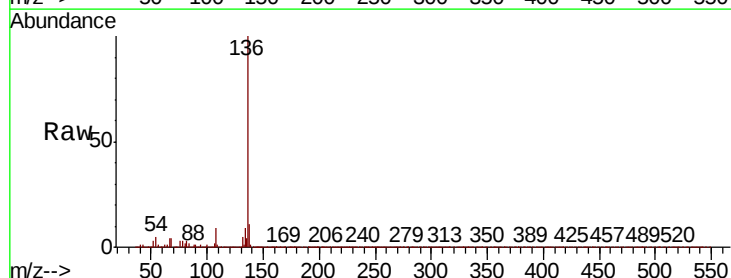
Delta R.T. -0.01 min

Lab File: BP003255.D

Acq: 11 Sep 2020 12:00

Tgt Ion: 136 Resp: 827909

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	4.8	3.6	5.4
68	4.4	3.3	4.9



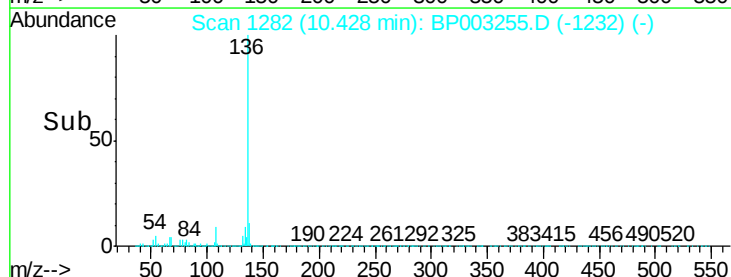
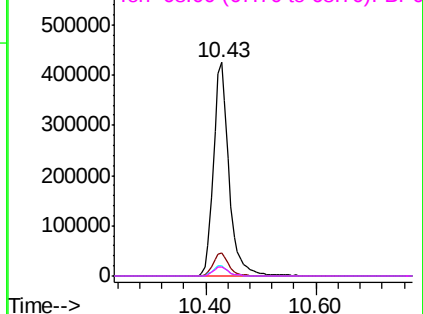
Abundance

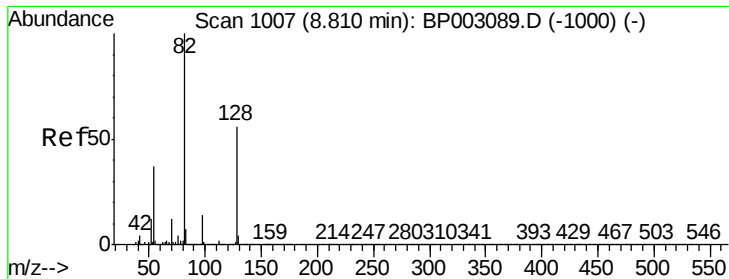
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

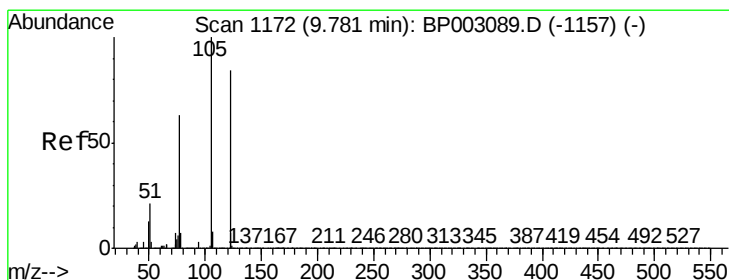
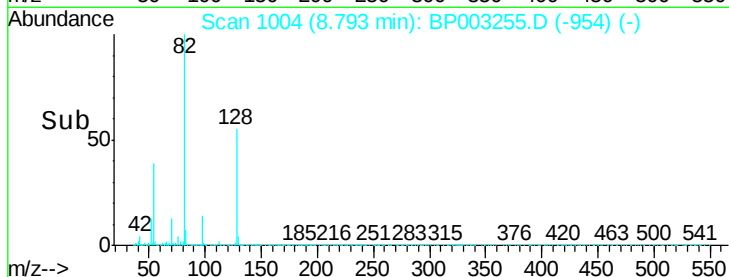
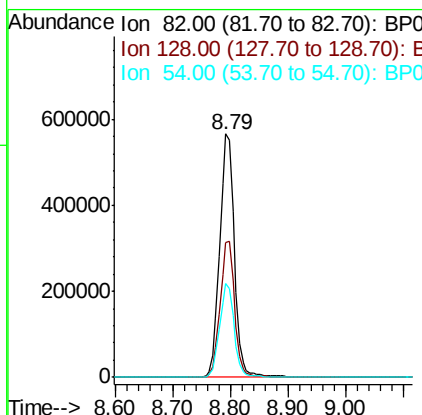
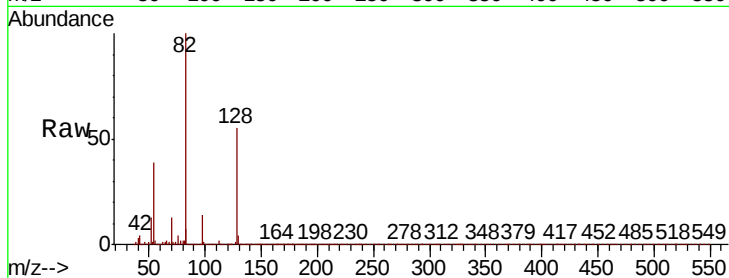




#23
Nitrobenzene-d5
Concen: 87.337 ng
RT: 8.79 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BP003255.D
Acq: 11 Sep 2020 12:00

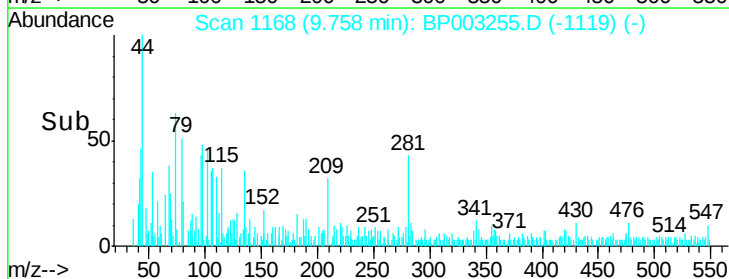
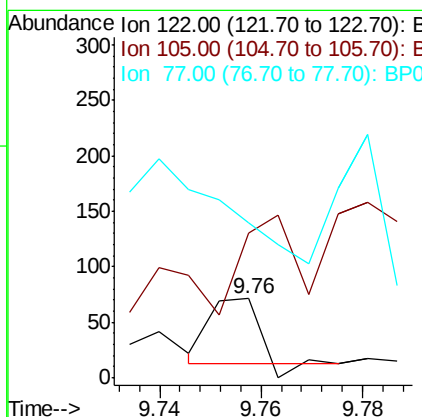
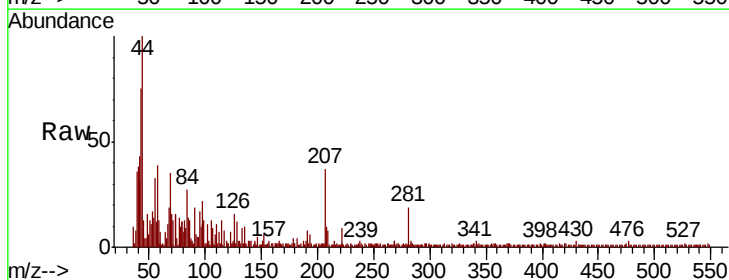
Instrument :
BNA_P
ClientSampleId :
PB131525BL

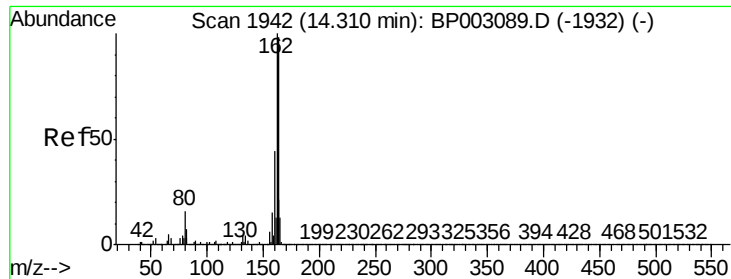
Tot Ion: 82 Resp: 1003002
Ion Ratio Lower Upper
82 100
128 55.4 45.6 68.4
54 38.7 30.1 45.1



#32
Benzoic acid
Concen: 9.001 ng
RT: 9.76 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BP003255.D
Acq: 11 Sep 2020 12:00

Tgt Ion: 122 Resp: 37
Ion Ratio Lower Upper
122 100
105 183.1 94.1 134.1#
77 197.2 50.1 90.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BP003255.D

Acq: 11 Sep 2020 12:00

Instrument :

BNA_P

ClientSampleId :

PB131525BL

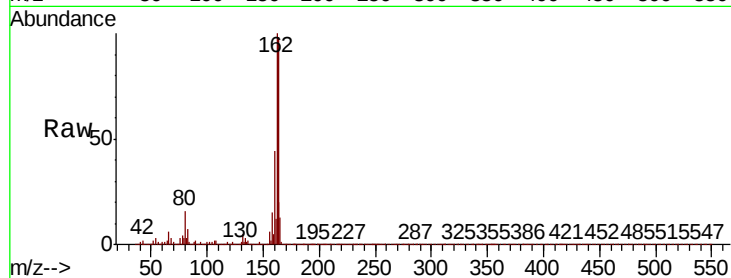
Tot Ion:164 Resp: 496861

Ion Ratio Lower Upper

164 100

162 102.1 79.4 119.2

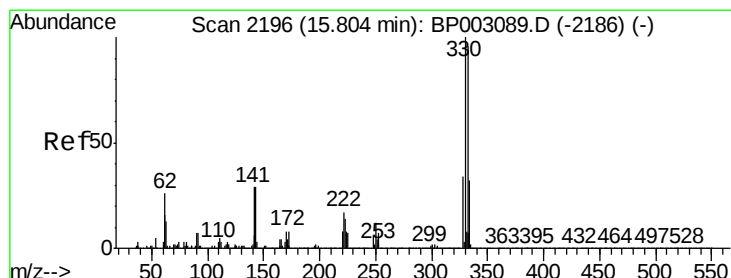
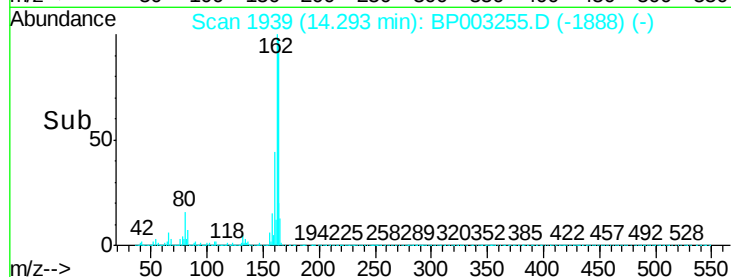
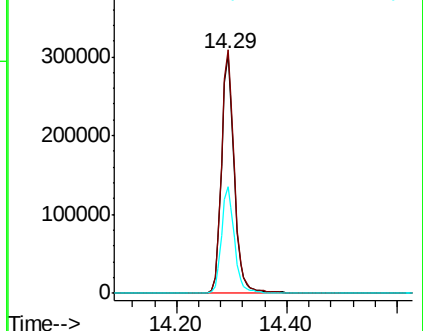
160 44.9 36.1 54.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 123.225 ng

RT: 15.79 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BP003255.D

Acq: 11 Sep 2020 12:00

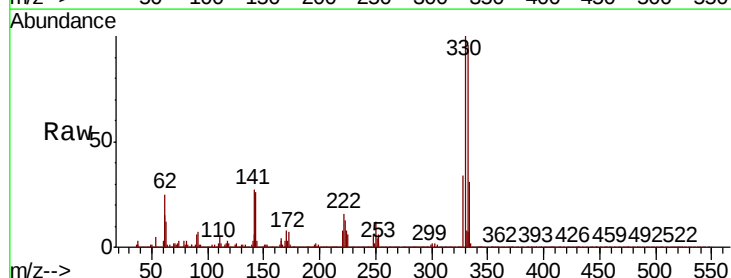
Tgt Ion:330 Resp: 828065

Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

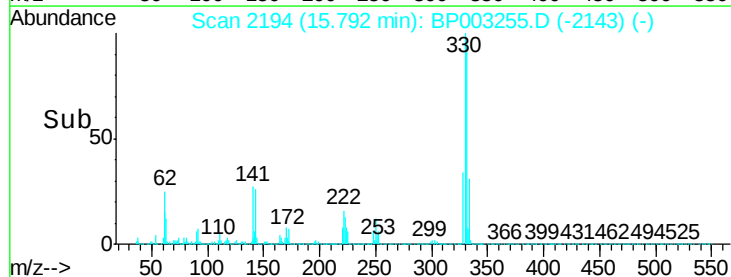
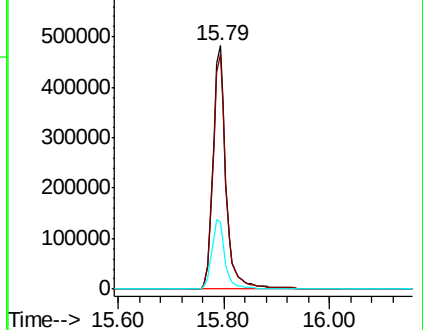
141 29.2 23.4 35.2

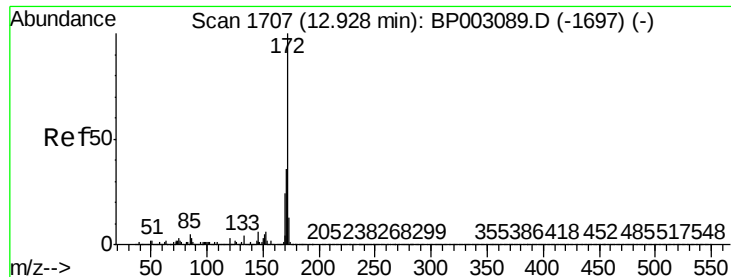


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



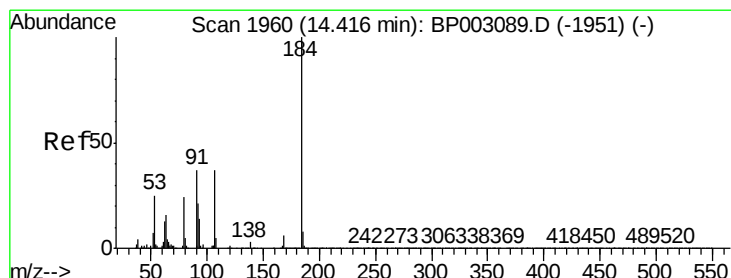
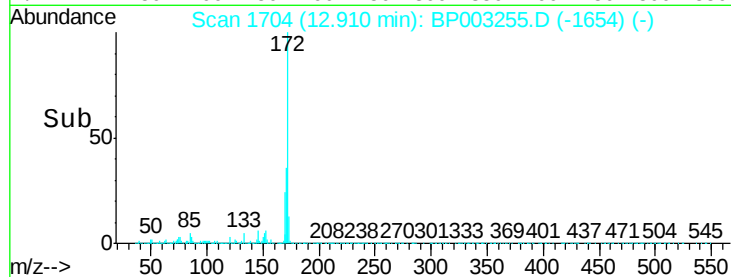
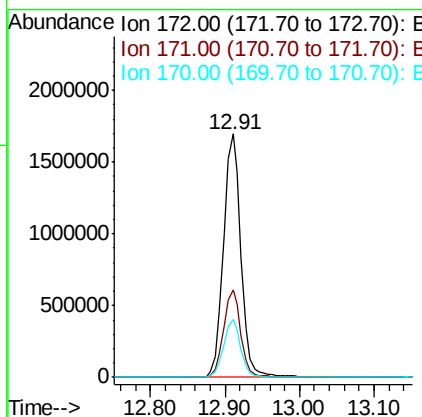
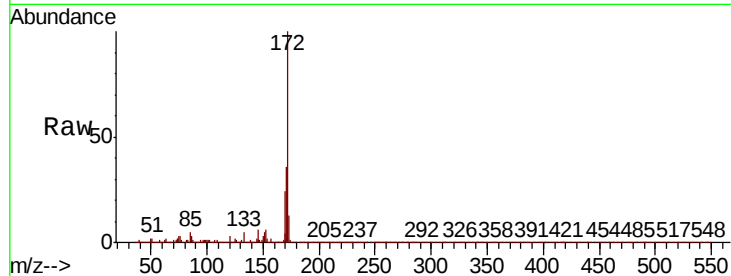


#45
 2-Fluorobiphenyl
 Concen: 81.696 ng
 RT: 12.91 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BP003255.D
 Acq: 11 Sep 2020 12:00

Instrument :
 BNA_P
 ClientSampleId :
 PB131525BL

Tot Ion:172 Resp: 2771777

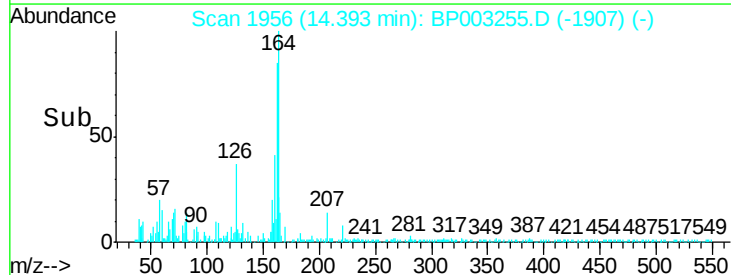
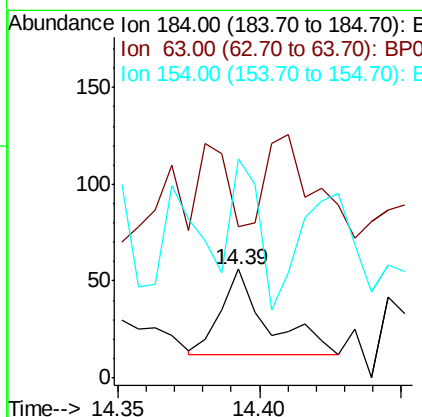
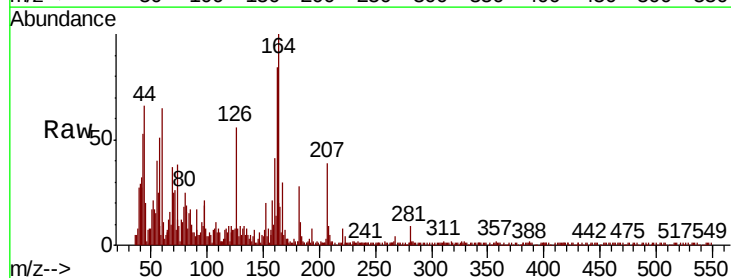
Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.5	42.7
170	23.9	19.2	28.8

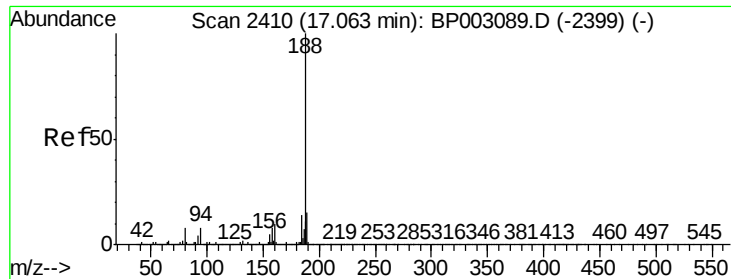


#54
 2,4-Dinitrophenol
 Concen: 7.766 ng
 RT: 14.39 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BP003255.D
 Acq: 11 Sep 2020 12:00

Tgt Ion:184 Resp: 50

Ion	Ratio	Lower	Upper
184	100		
63	139.3	32.3	48.5#
154	201.8	49.1	73.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2407

Delta R.T. -0.00 min

Lab File: BP003255.D

Acq: 11 Sep 2020 12:00

Instrument :

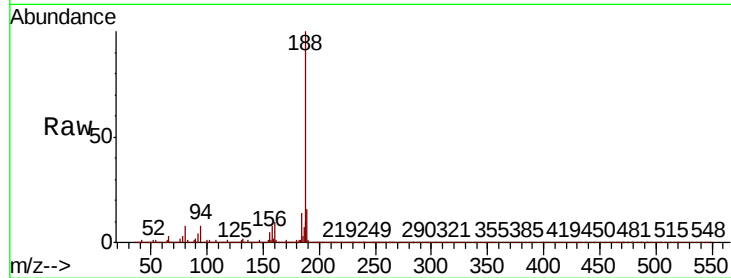
BNA_P

ClientSampleId :

PB131525BL

Tot Ion:188 Resp: 1070487

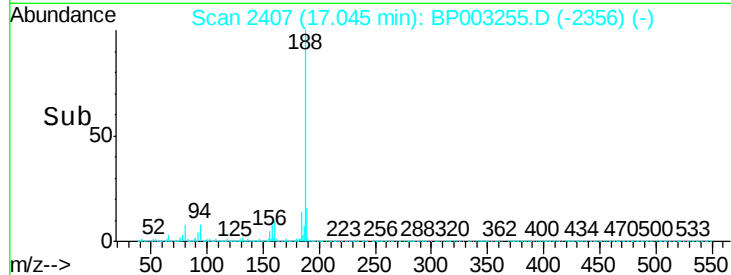
Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.2	9.2
80	8.0	6.2	9.2



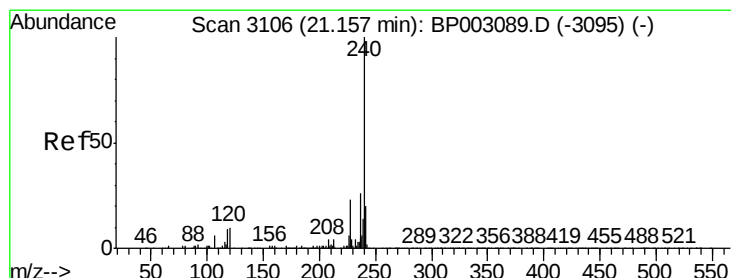
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO



Time--> 16.90 17.00 17.10



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.15 min Scan# 3104

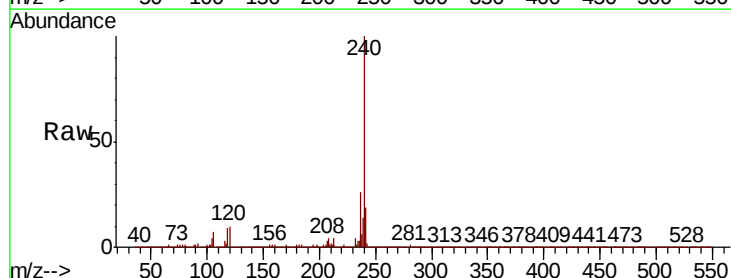
Delta R.T. -0.00 min

Lab File: BP003255.D

Acq: 11 Sep 2020 12:00

Tgt Ion:240 Resp: 1027016

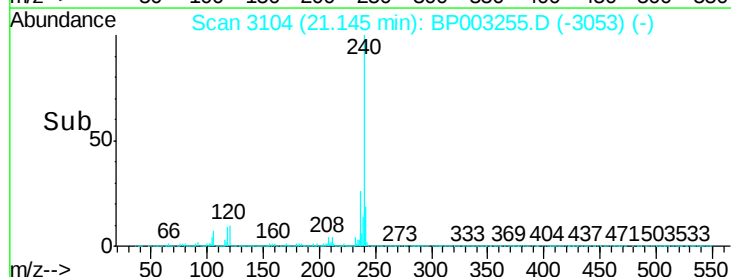
Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.8	11.6
236	25.8	20.8	31.2



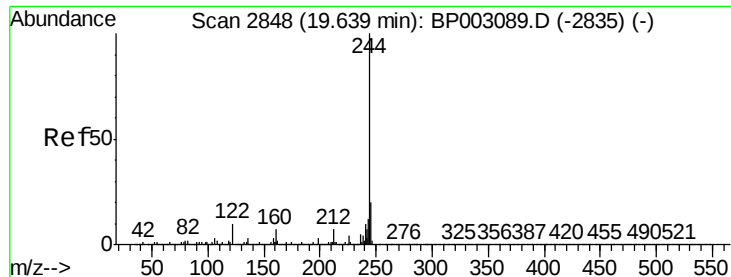
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.00 21.10 21.20 21.30

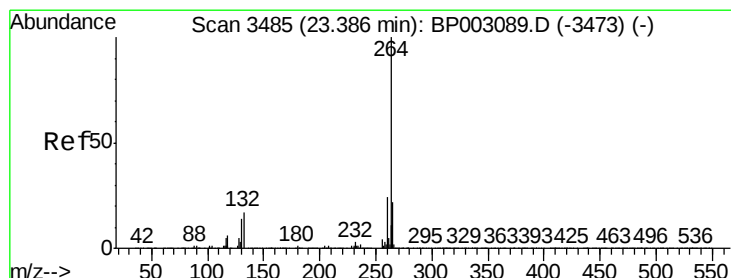
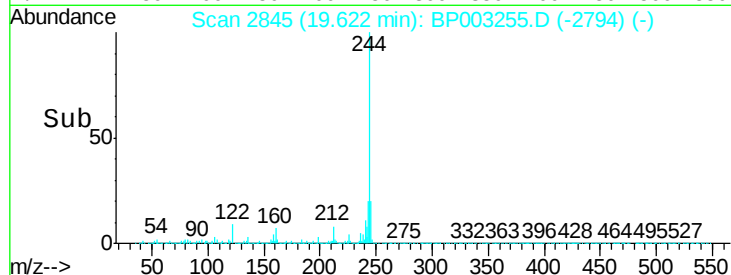
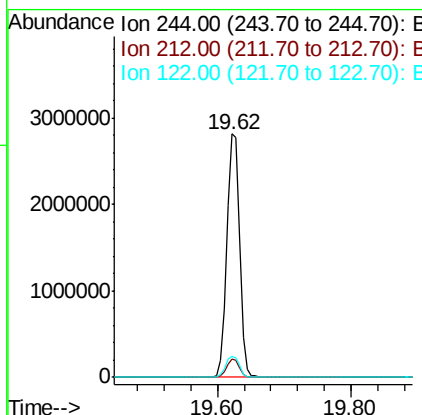
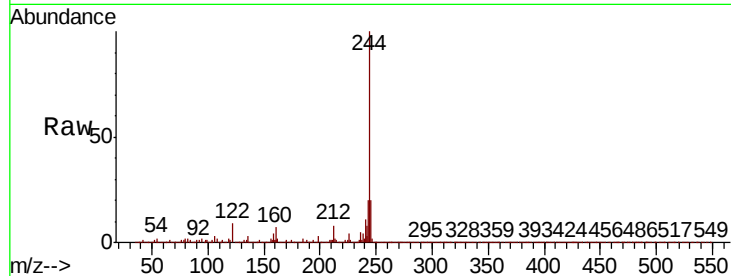


#79
 Terphenyl-d14
 Concen: 81.735 ng
 RT: 19.62 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BP003255.D
 Acq: 11 Sep 2020 12:00

Instrument :
 BNA_P
 ClientSampleId :
 PB131525BL

Tot Ion:244 Resp: 3814850

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	8.8	7.8	11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.38 min Scan# 3484
 Delta R.T. 0.01 min
 Lab File: BP003255.D
 Acq: 11 Sep 2020 12:00

Tgt Ion:264 Resp: 927677

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.9	17.4	26.2

