

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 13:09:36 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

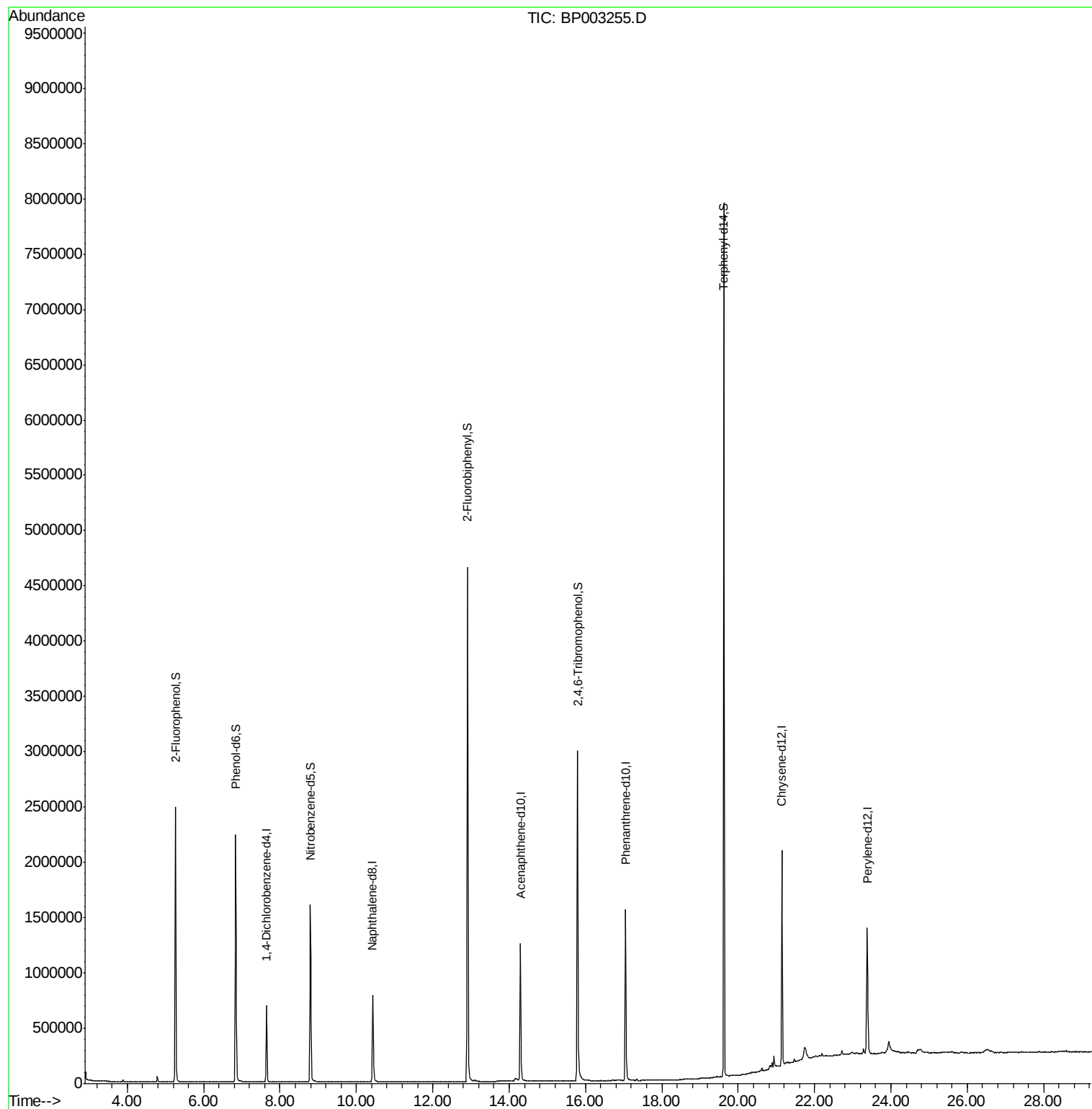
Target Compounds Qvalue

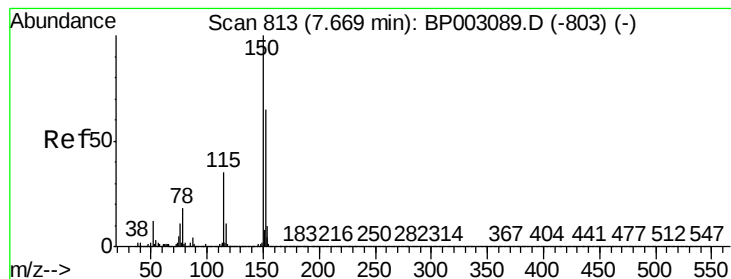
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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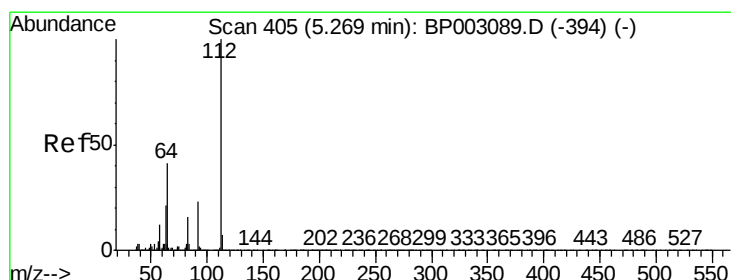
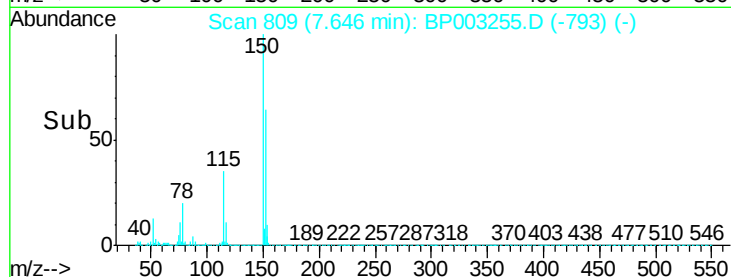
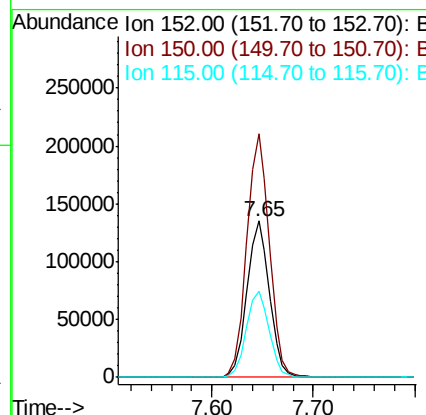
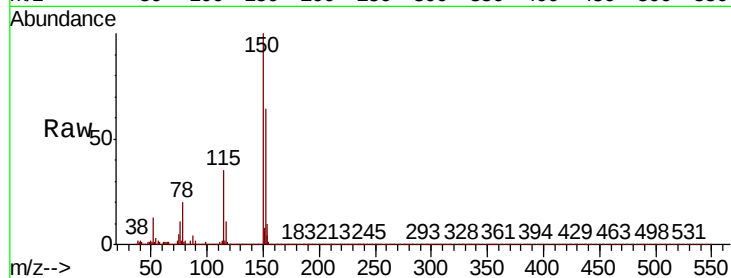


#1

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

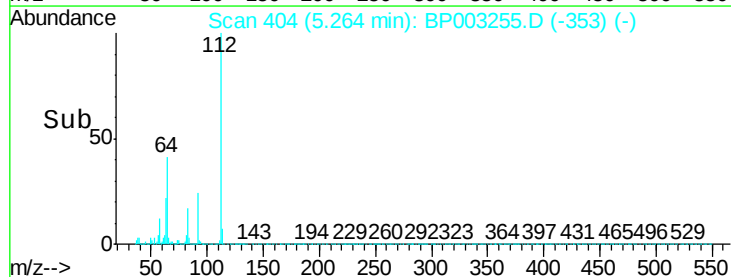
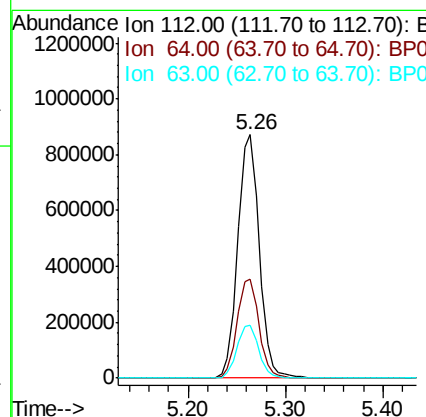
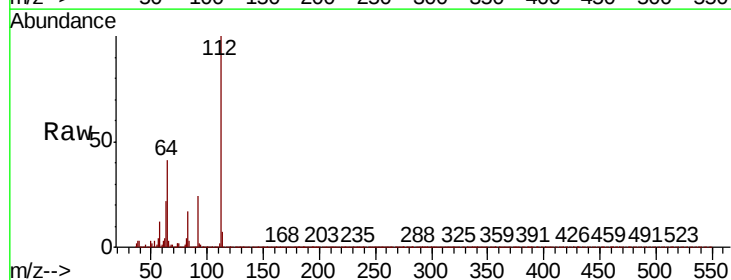
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.8	185.6
115	55.0	43.8	65.6

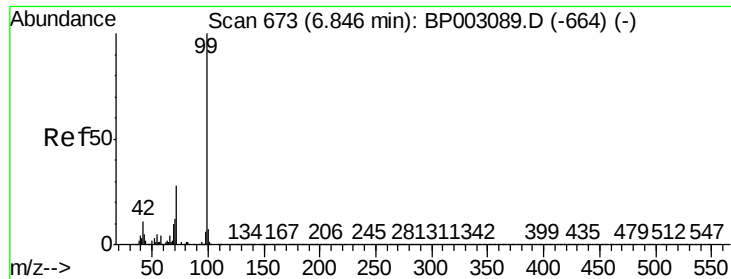


#5

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 :

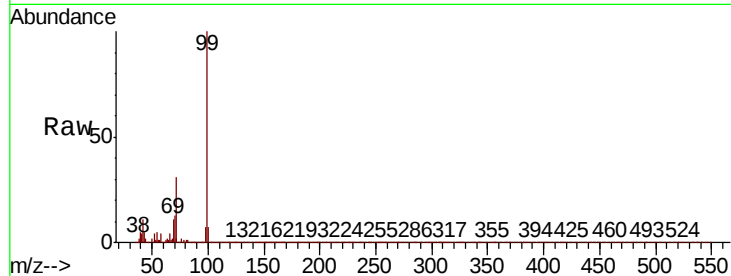
BNA_P

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

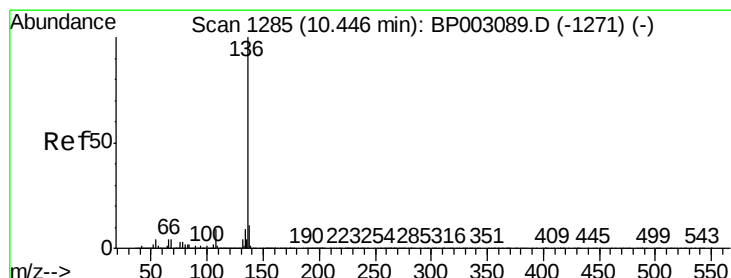
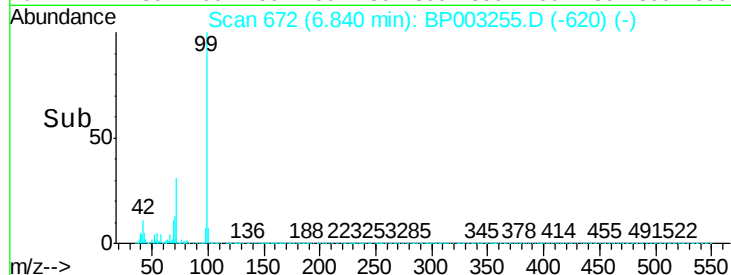
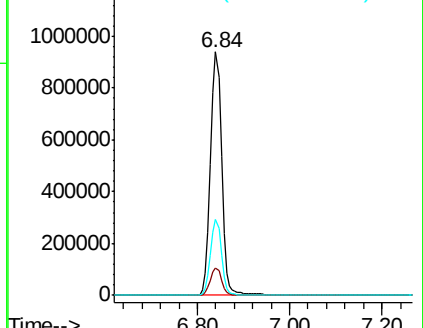


Abundance

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

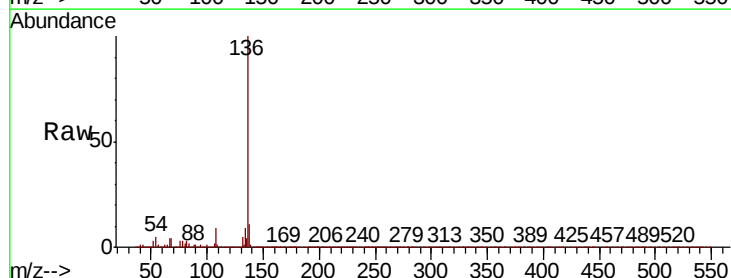
Delta R.T. -0.01 min

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



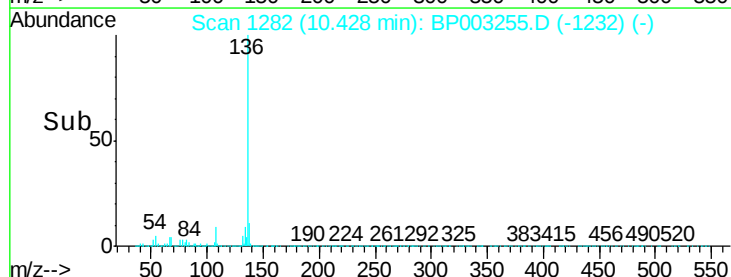
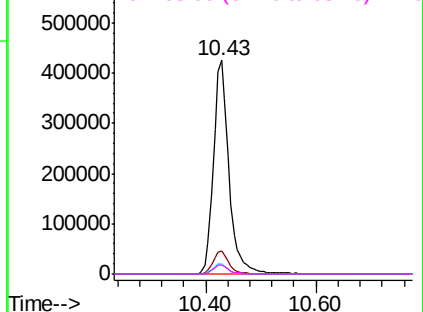
Abundance

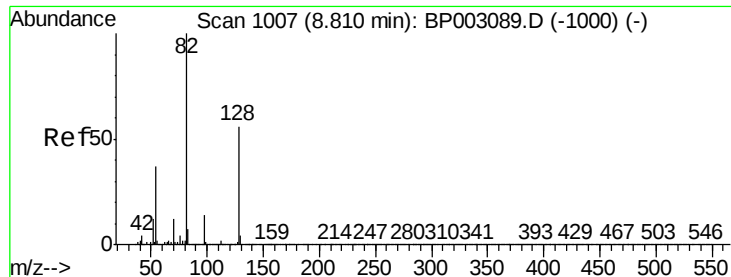
Ion 136.00 (135.70 to 136.70): E

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

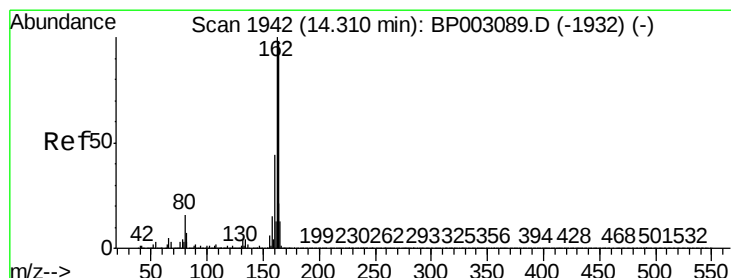
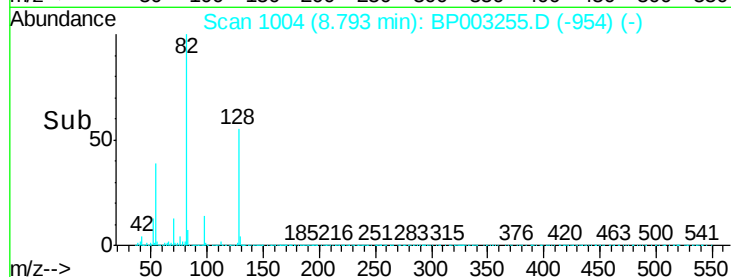
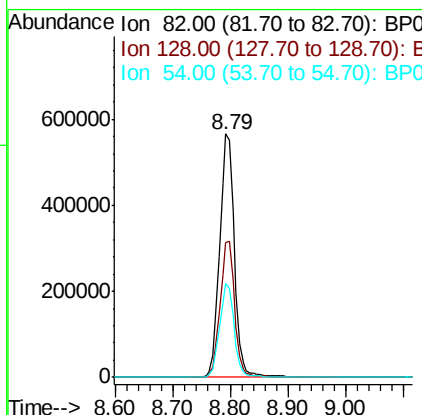
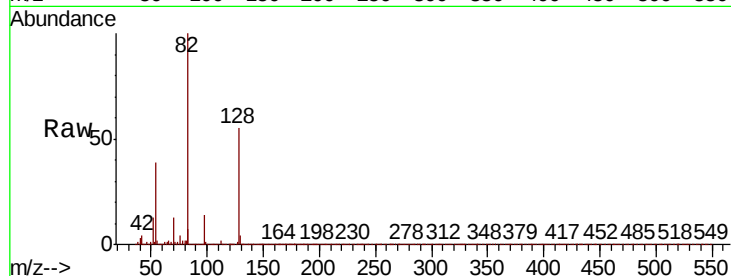




#23
 Nitrobenzene-d5
 Concen: 87.337 ng
 RT: 8.79 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BP003255.D
 Acq: 11 Sep 2020 12:00

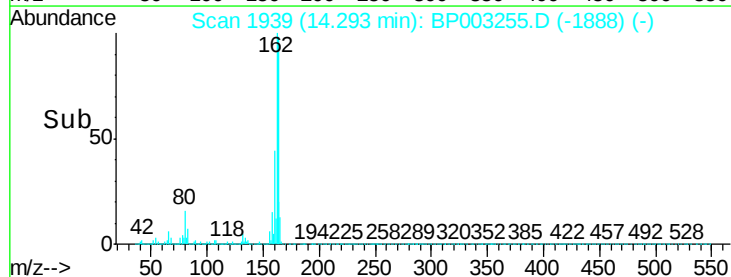
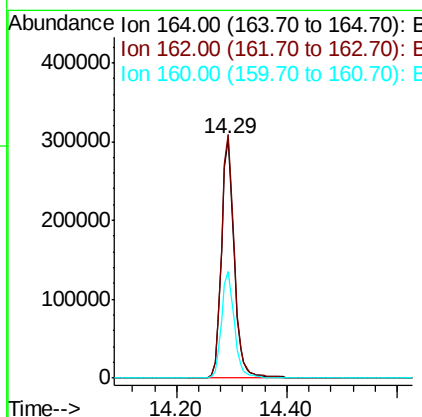
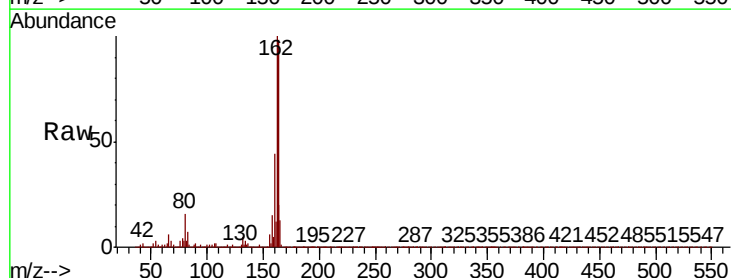
Instrument :
 BNA_P
 ClientSampleId :
 PB131525BL

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



#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

Tgt Ion:164 Resp: 496861
 Ion Ratio Lower Upper
 164 100
 162 102.1 79.4 119.2
 160 44.9 36.1 54.1

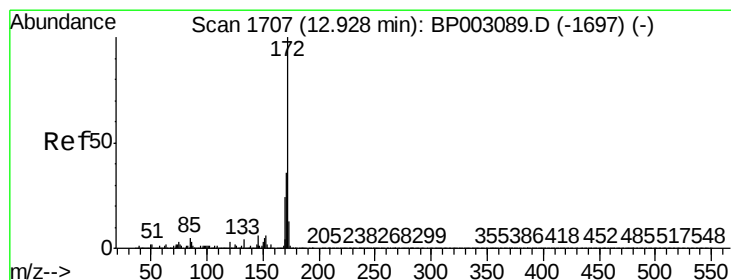
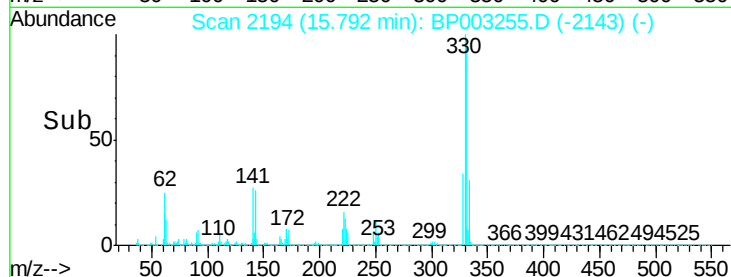
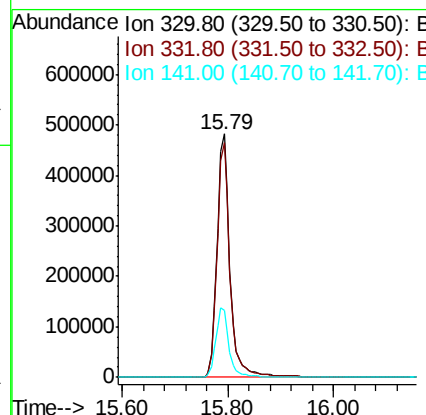
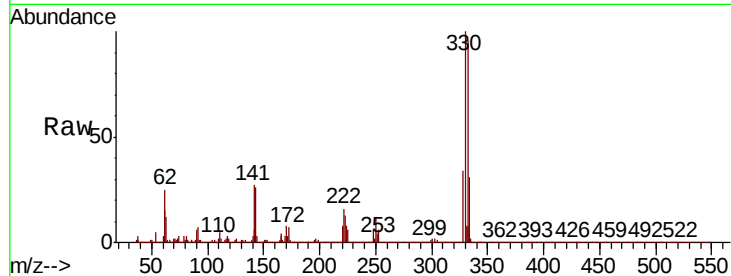




#42
 2,4,6-Tribromophenol
 Concen: 123.225 ng
 RT: 15.79 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BP003255.D
 Acq: 11 Sep 2020 12:00

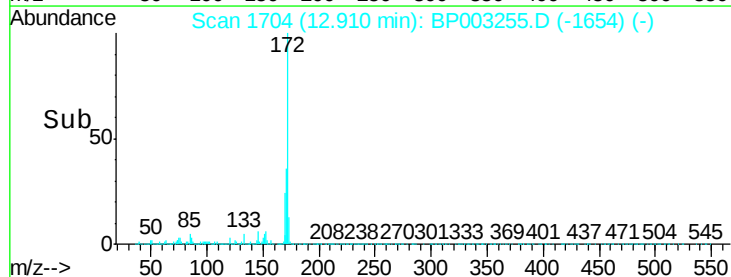
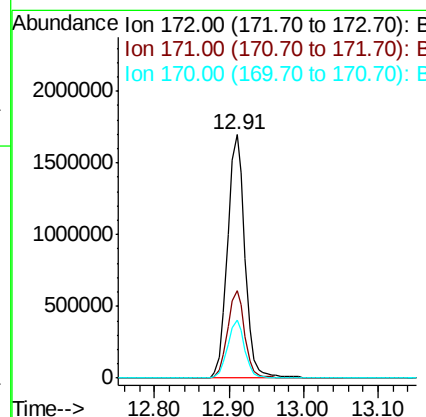
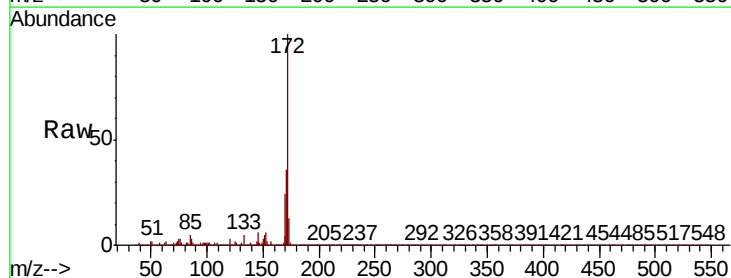
Instrument :
 BNA_P
 ClientSampleId :
 PB131525BL

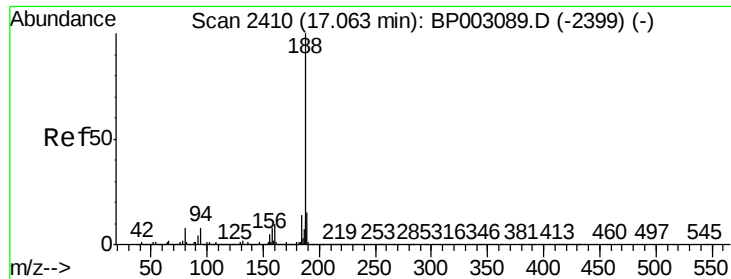
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	29.2	23.4	35.2



#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

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

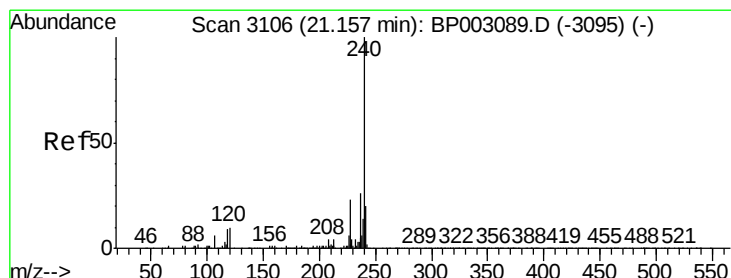
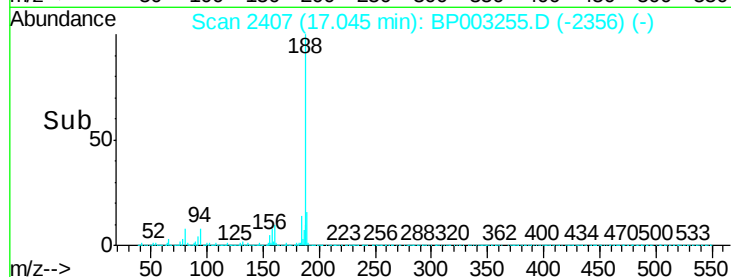
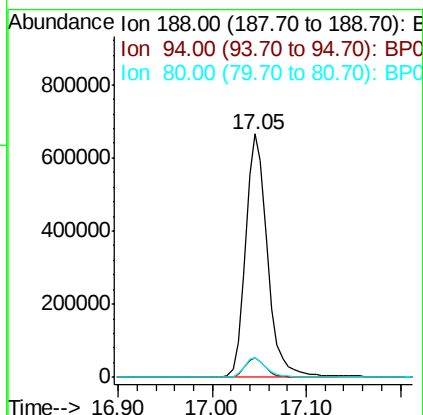
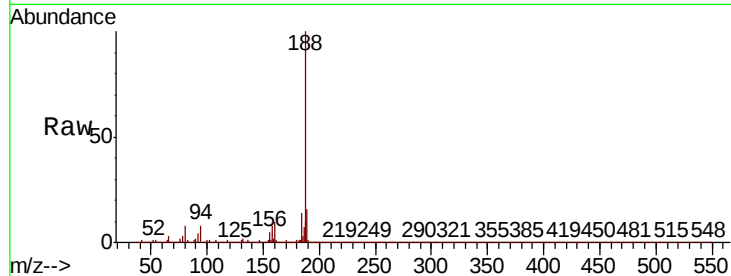




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BP003255.D
Acq: 11 Sep 2020 12:00

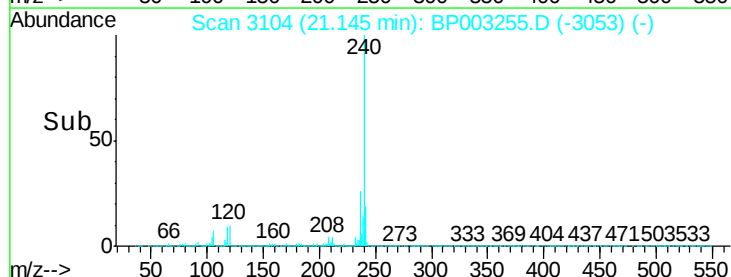
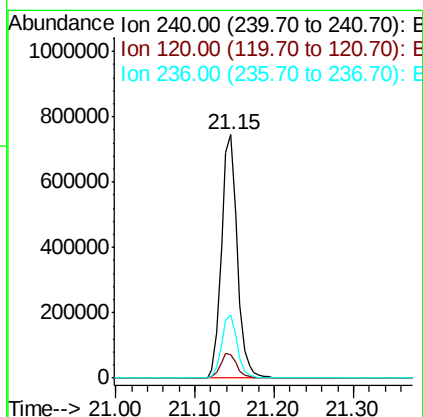
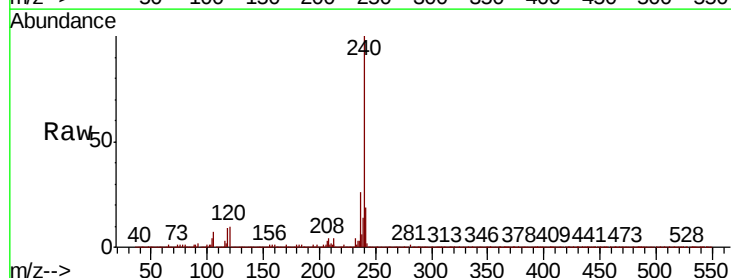
Instrument :
BNA_P
ClientSampleId :
PB131525BL

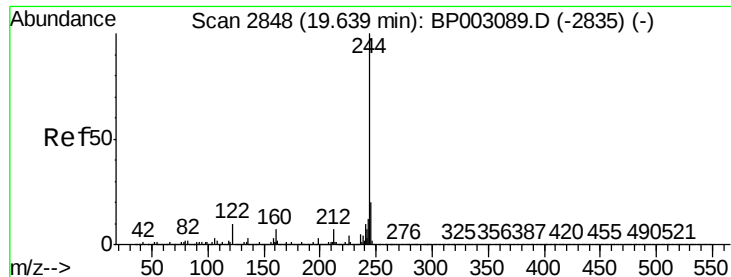
Tot Ion:188 Resp: 1070487
Ion Ratio Lower Upper
188 100
94 8.2 6.2 9.2
80 8.0 6.2 9.2



#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





#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

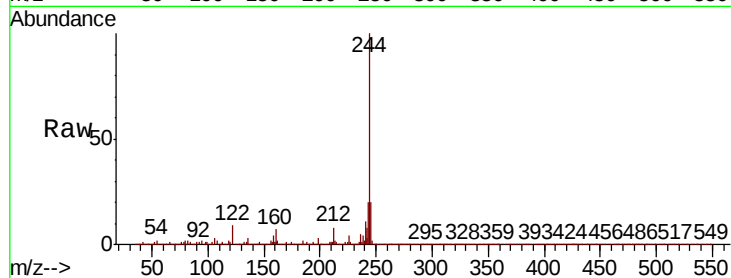
Tot Ion:244 Resp: 3814850

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

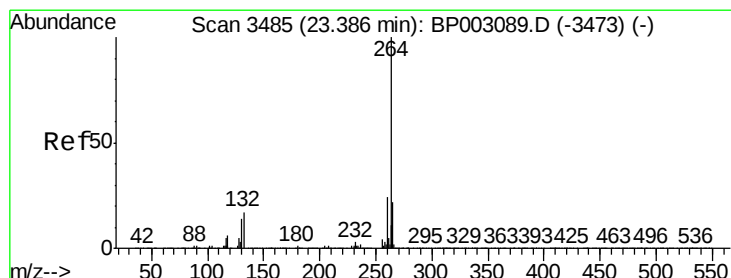
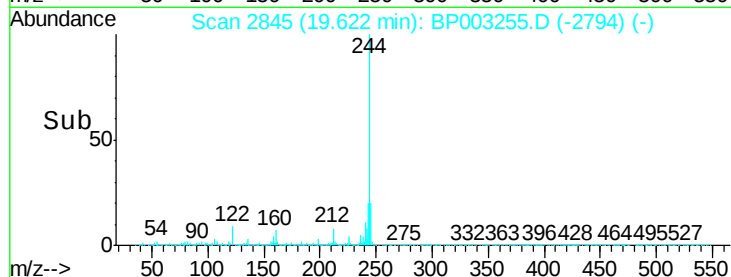
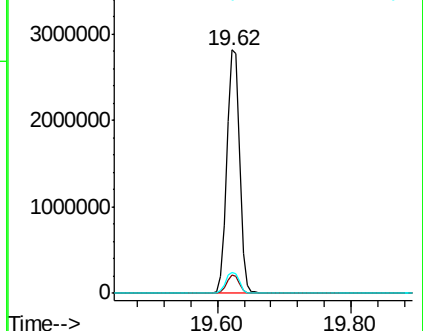
122 8.8 7.8 11.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#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

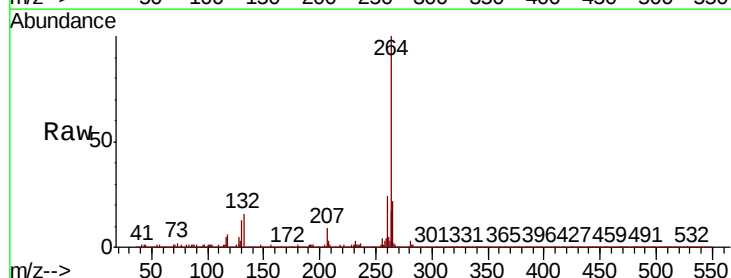
Tgt Ion:264 Resp: 927677

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.9 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

