

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
 Data File : BP001385.D
 Acq On : 24 Dec 2019 14:35
 Operator : JU
 Sample : K6360-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 1FT-TP

Quant Time: Dec 24 16:20:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

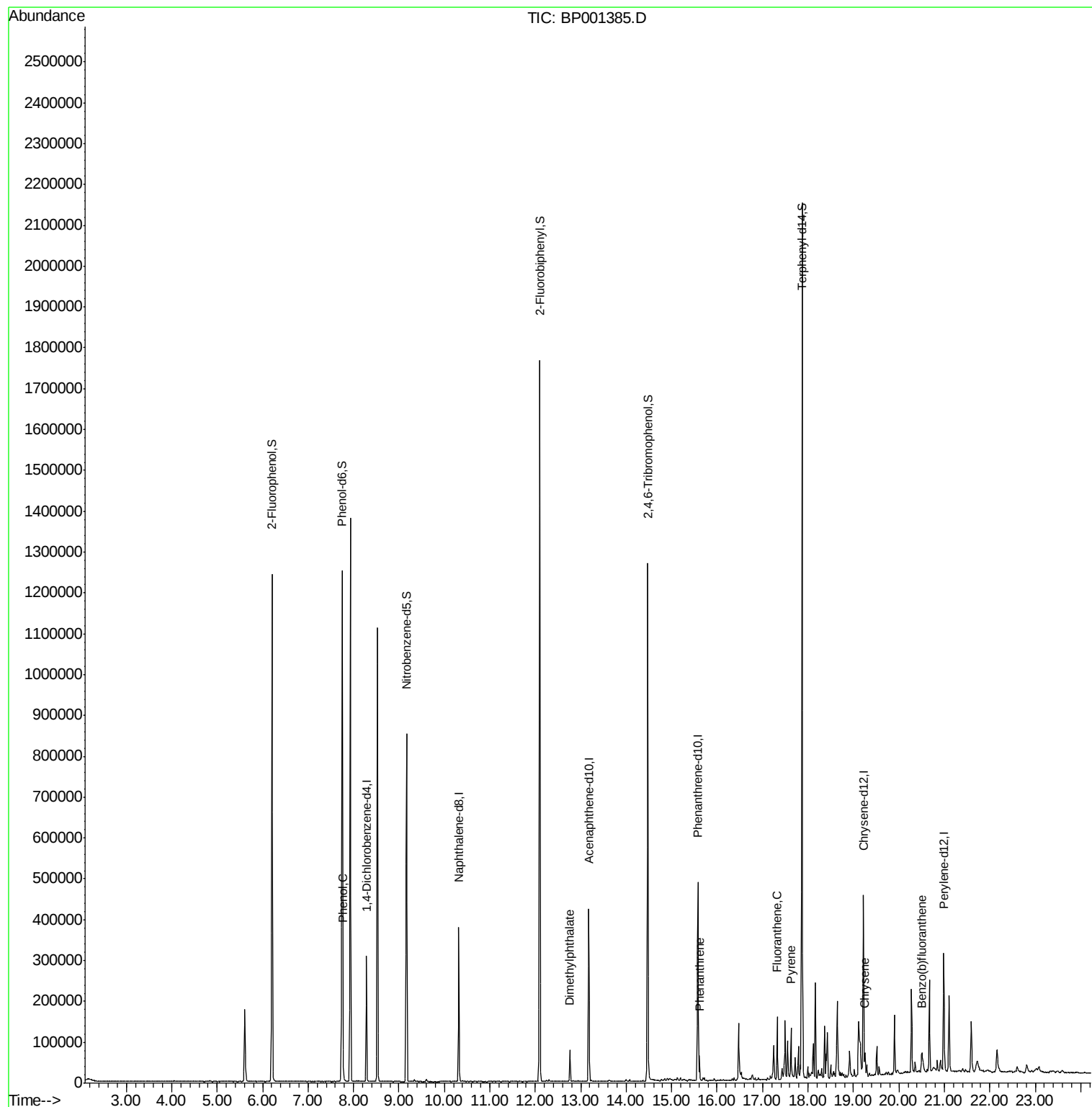
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	50826	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	187621	20.00	ng	0.00
39) Acenaphthene-d10	13.17	164	113492	20.00	ng	0.00
64) Phenanthrene-d10	15.57	188	220071	20.00	ng	0.00
76) Chrysene-d12	19.22	240	149222	20.00	ng	0.00
87) Perylene-d12	20.99	264	140366	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	362299	115.21	ng	0.01
7) Phenol-d6	7.75	99	506289	123.38	ng	0.00
23) Nitrobenzene-d5	9.17	82	348604	71.35	ng	0.00
42) 2,4,6-Tribromophenol	14.47	330	168194	118.54	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	674142	75.11	ng	0.00
79) Terphenyl-d14	17.87	244	786505	90.27	ng	0.00
Target Compounds						
10) Phenol	7.77	94	11684	2.492	ng	Qvalue # 81
50) Dimethylphthalate	12.76	163	33396	3.587	ng	98
71) Phenanthrene	15.61	178	26804	2.135	ng	96
75) Fluoranthene	17.32	202	67713	4.823	ng	98
78) Pyrene	17.63	202	51149	4.415	ng	97
83) Chrysene	19.25	228	22692	2.162	ng	96
88) Benzo(b)fluoranthene	20.50	252	25780	2.797	ng	# 96

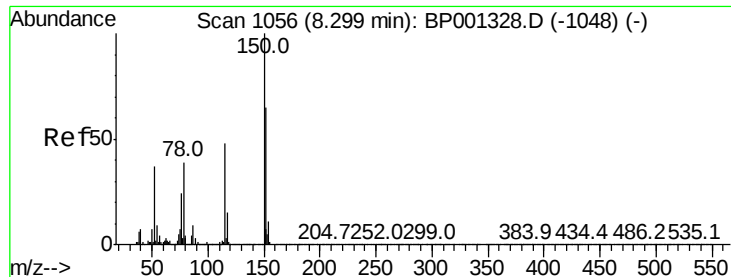
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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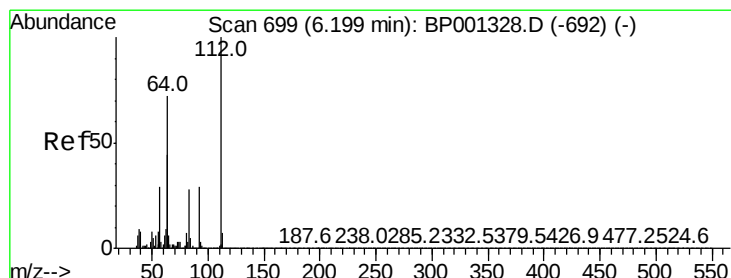
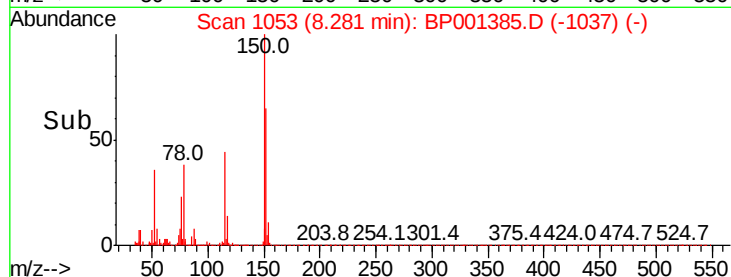
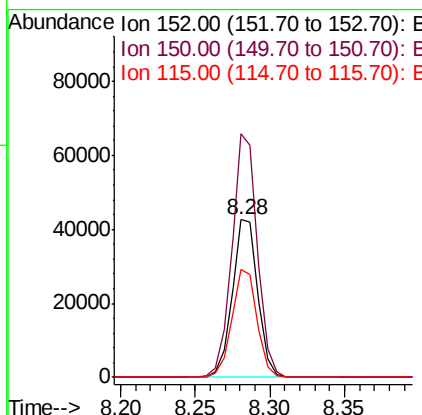
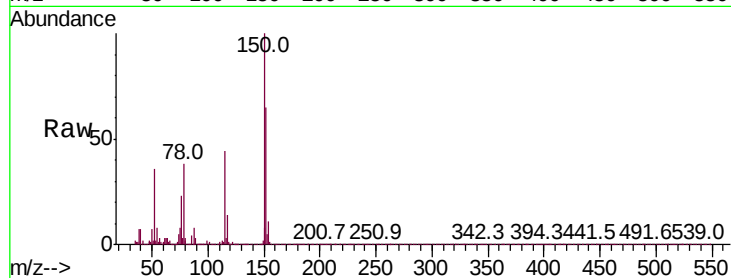




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.28 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BP001385.D
 Acq: 24 Dec 2019 14:35

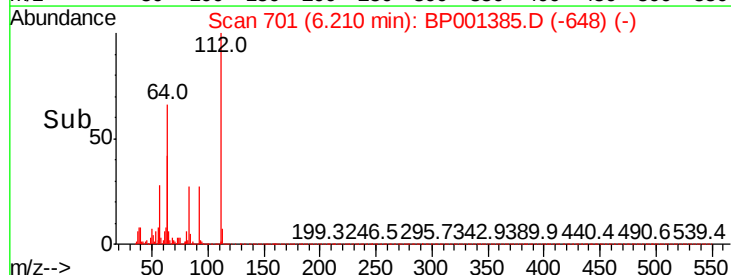
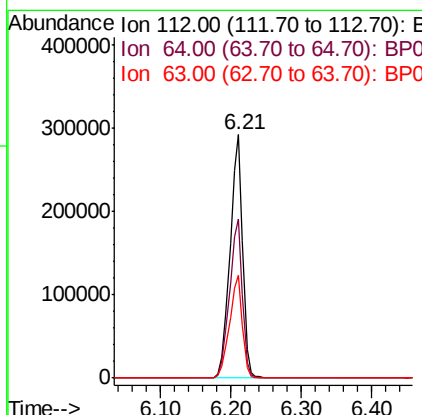
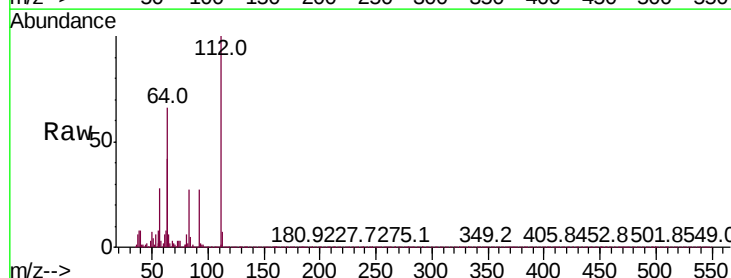
Instrument :
 BNA_P
 ClientSampleId :
 1FT-TP

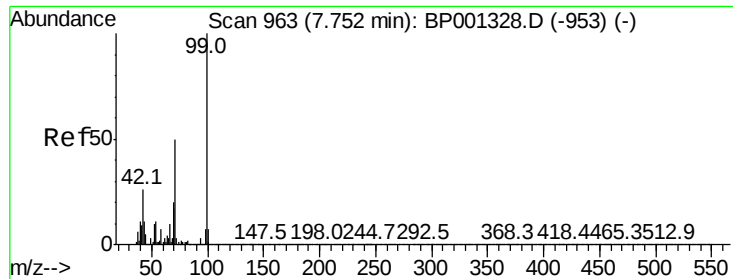
Tot Ion:152 Resp: 50826
 Ion Ratio Lower Upper
 152 100
 150 154.7 127.0 190.6
 115 68.7 56.1 84.1



#5
 2-Fluorophenol
 Concen: 115.206 ng
 RT: 6.21 min Scan# 701
 Delta R.T. 0.01 min
 Lab File: BP001385.D
 Acq: 24 Dec 2019 14:35

Tgt Ion:112 Resp: 362299
 Ion Ratio Lower Upper
 112 100
 64 65.6 53.9 80.9
 63 42.0 33.4 50.0





#7

Phenol-d6

Concen: 123.378 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BP001385.D

Acq: 24 Dec 2019 14:35

Instrument :

BNA_P

ClientSampled :

1FT-TP

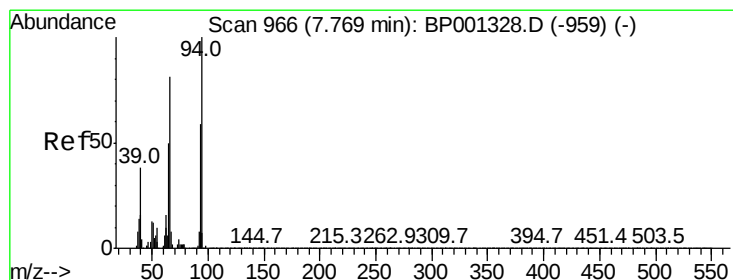
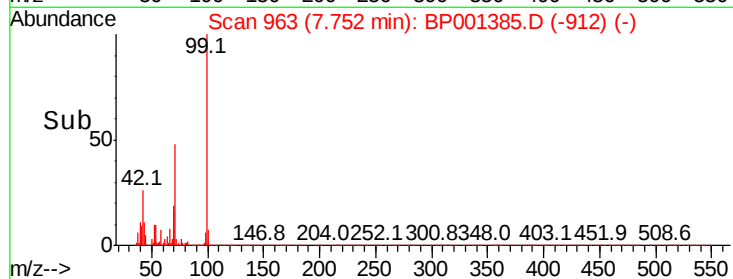
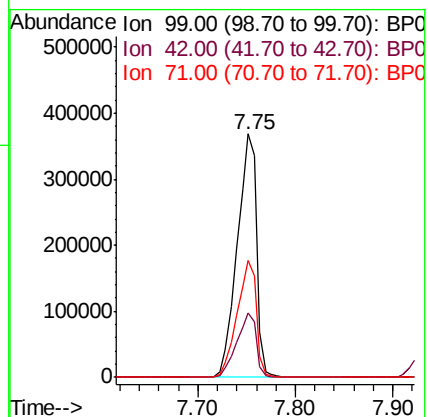
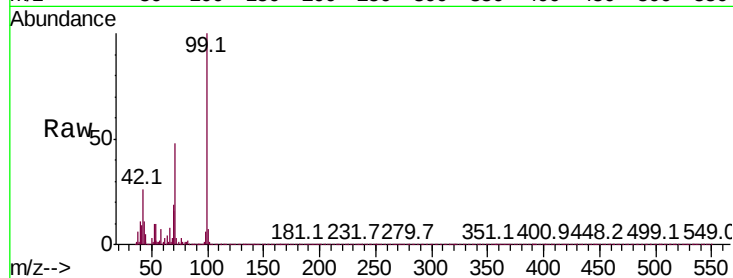
Tot Ion: 99 Resp: 506289

Ion Ratio Lower Upper

99 100

42 26.2 20.8 31.2

71 48.1 38.2 57.4



#10

Phenol

Concen: 2.492 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BP001385.D

Acq: 24 Dec 2019 14:35

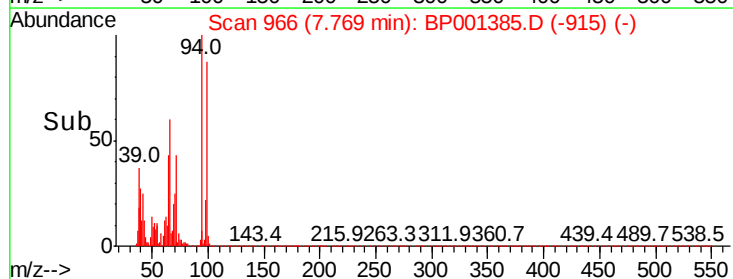
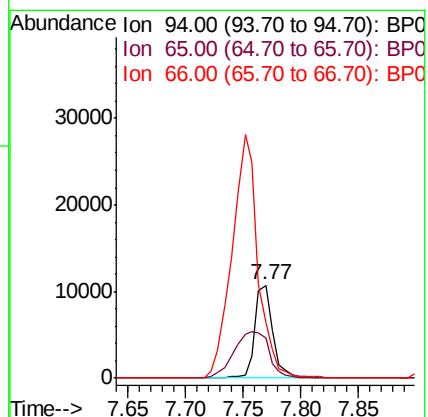
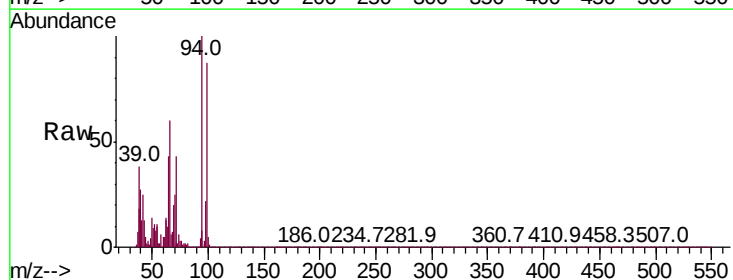
Tgt Ion: 94 Resp: 11684

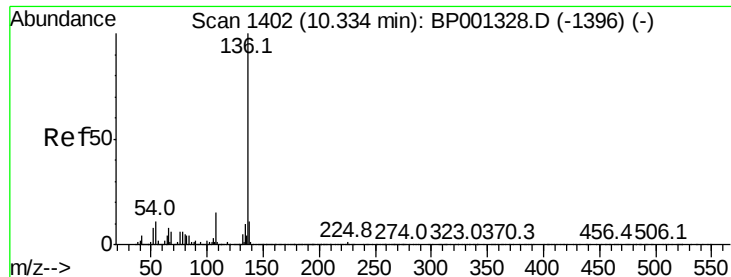
Ion Ratio Lower Upper

94 100

65 43.1 29.6 69.6

66 60.0 62.3 102.3#

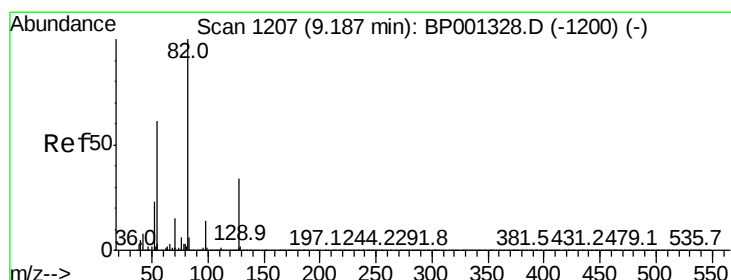
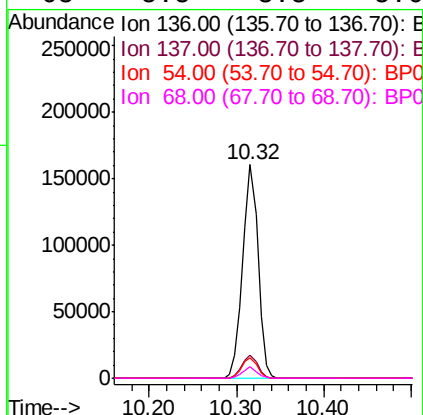
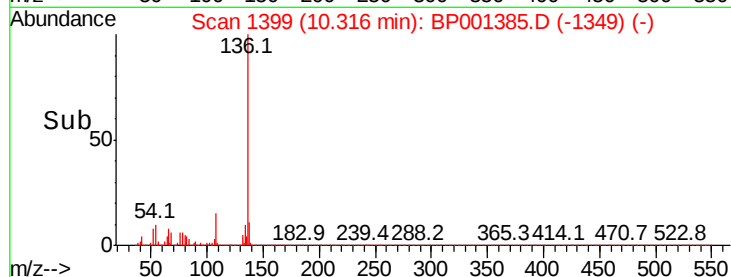
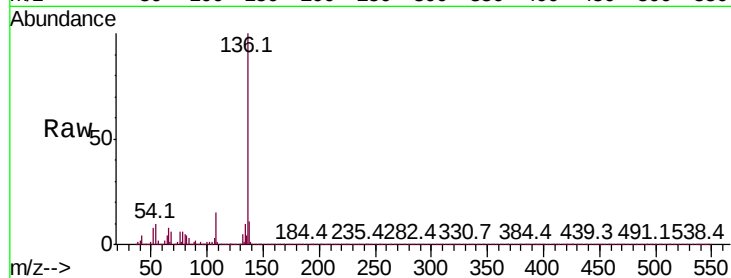




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BP001385.D
Acq: 24 Dec 2019 14:35

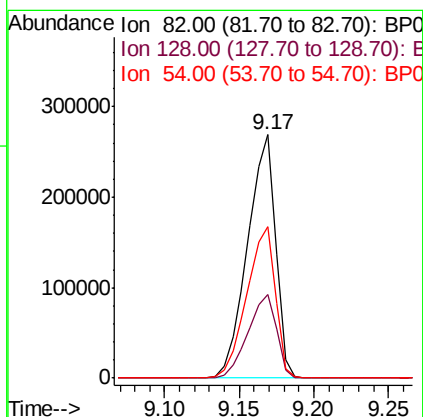
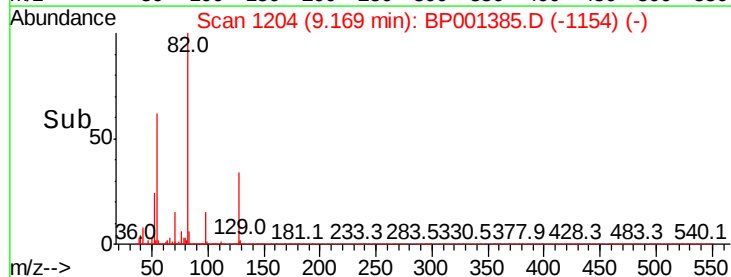
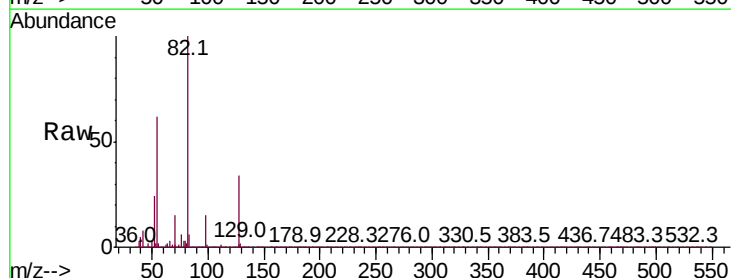
Instrument :
BNA_P
ClientSampleId :
1FT-TP

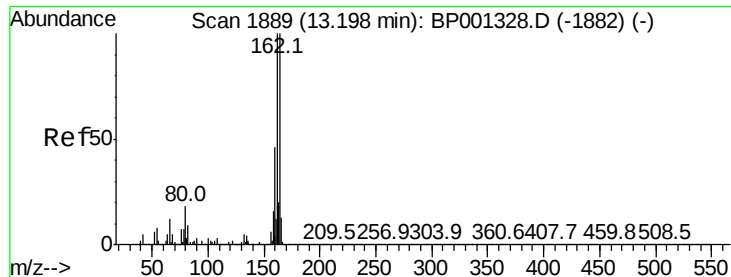
Tot Ion:	136	Resp:	187621
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	9.7	7.3	10.9
68	5.5	3.8	5.6



#23
Nitrobenzene-d5
Concen: 71.350 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BP001385.D
Acq: 24 Dec 2019 14:35

Tgt Ion:	82	Resp:	348604
Ion	Ratio	Lower	Upper
82	100		
128	34.4	27.4	41.0
54	62.2	47.5	71.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.17 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BP001385.D

Acq: 24 Dec 2019 14:35

Instrument :

BNA_P

ClientSampleId :

1FT-TP

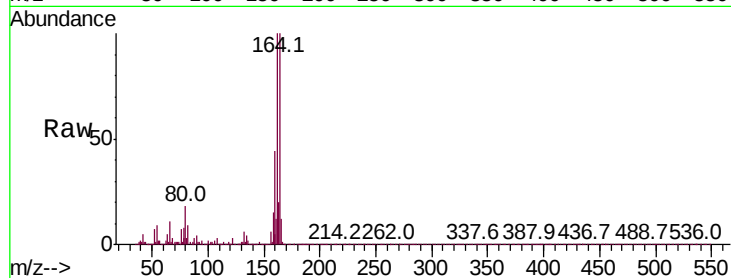
Tot Ion:164 Resp: 113492

Ion Ratio Lower Upper

164 100

162 100.0 78.2 117.4

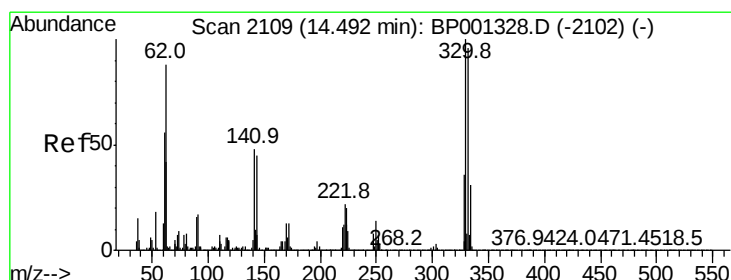
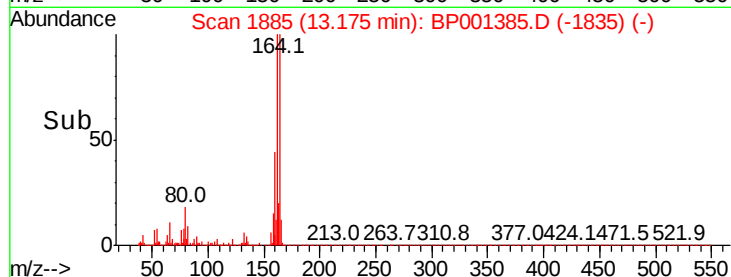
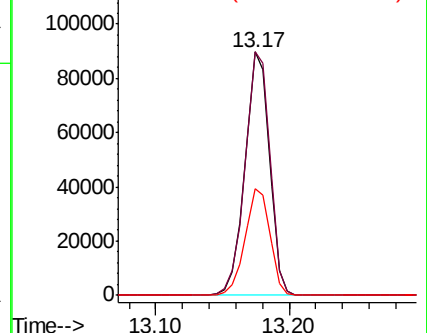
160 44.0 35.1 52.7



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: 118.537 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BP001385.D

Acq: 24 Dec 2019 14:35

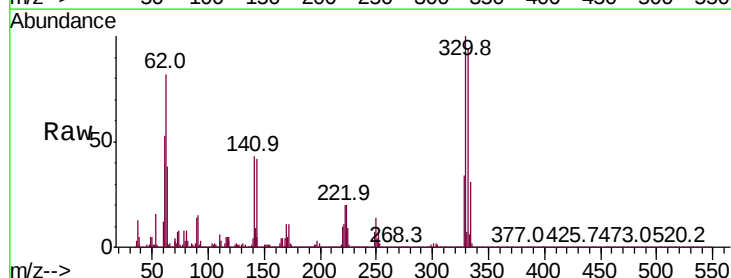
Tgt Ion:330 Resp: 168194

Ion Ratio Lower Upper

330 100

332 95.0 78.3 117.5

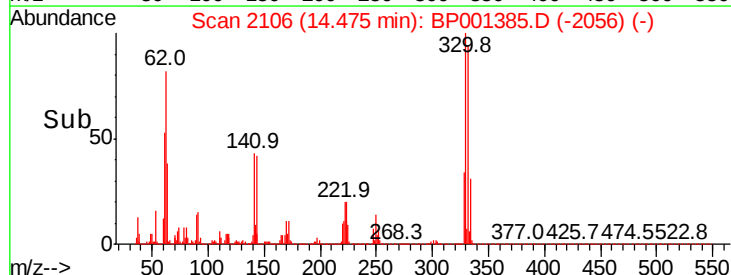
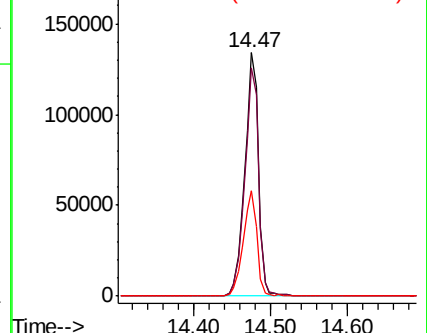
141 43.2 26.8 40.2#

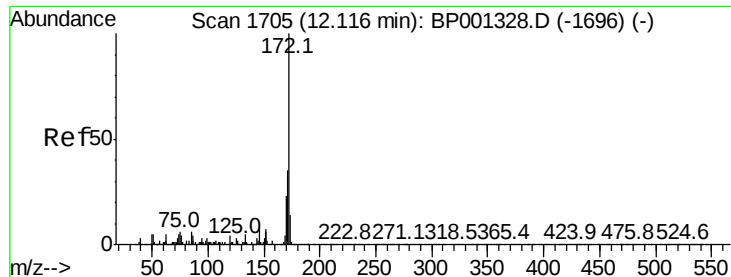


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

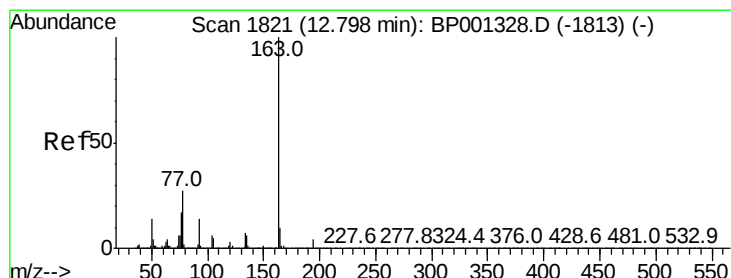
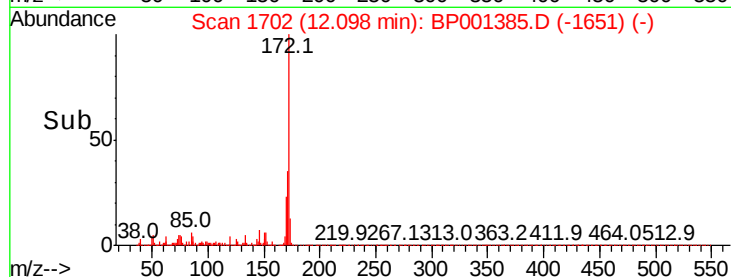
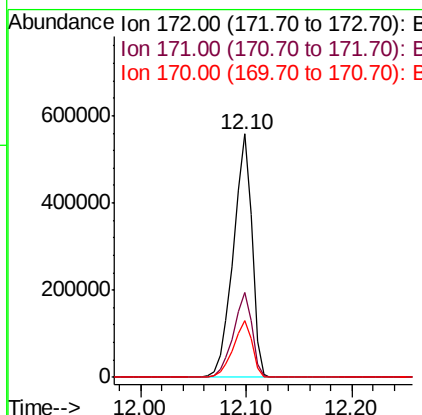
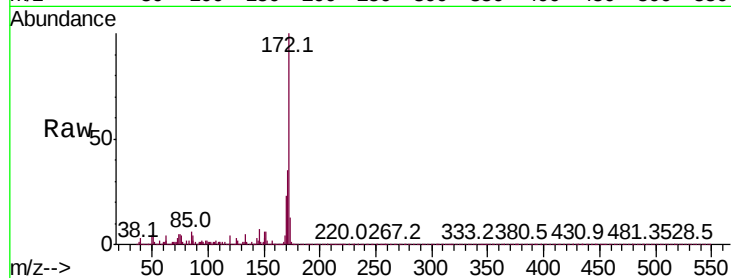




#45
2-Fluorobiphenyl
Concen: 75.110 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001385.D
Acq: 24 Dec 2019 14:35

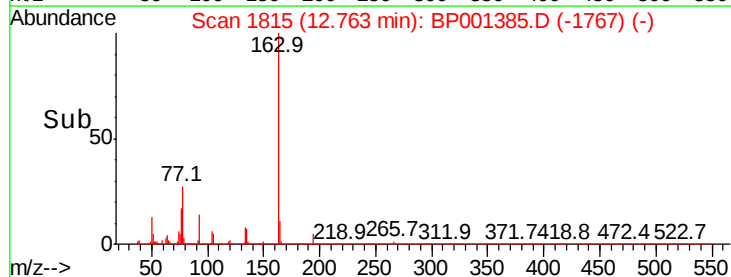
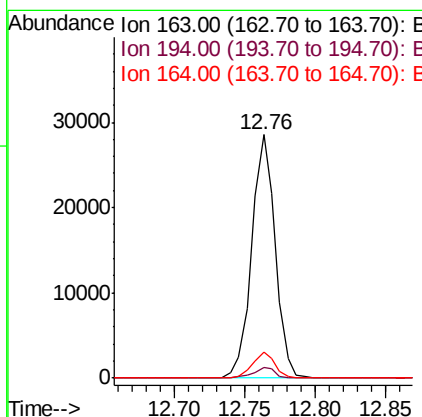
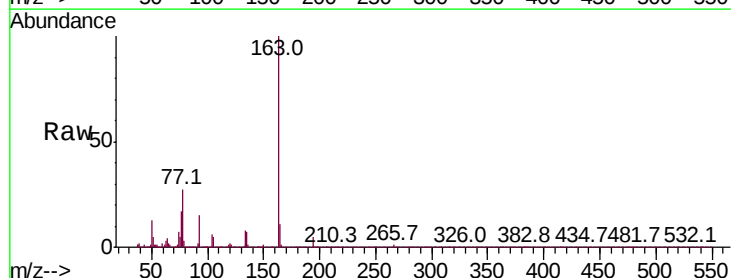
Instrument :
BNA_P
ClientSampleId :
1FT-TP

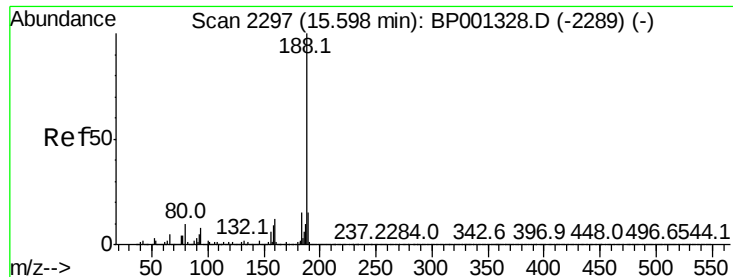
Tot Ion:172 Resp: 674142
Ion Ratio Lower Upper
172 100
171 34.8 27.4 41.0
170 23.2 18.2 27.4



#50
Dimethylphthalate
Concen: 3.587 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BP001385.D
Acq: 24 Dec 2019 14:35

Tgt Ion:163 Resp: 33396
Ion Ratio Lower Upper
163 100
194 4.6 3.2 4.8
164 10.5 7.7 11.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: BP001385.D

Acq: 24 Dec 2019 14:35

Instrument :

BNA_P

ClientSampleId :

1FT-TP

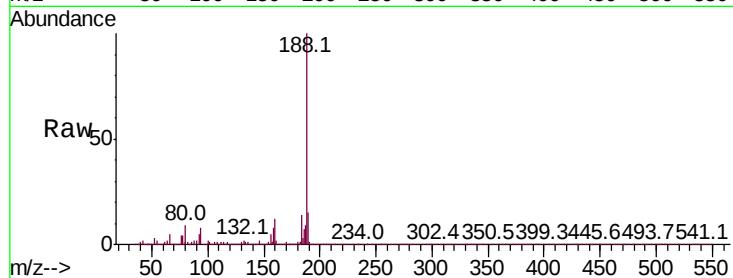
Tot Ion:188 Resp: 220071

Ion Ratio Lower Upper

188 100

94 8.1 5.8 8.8

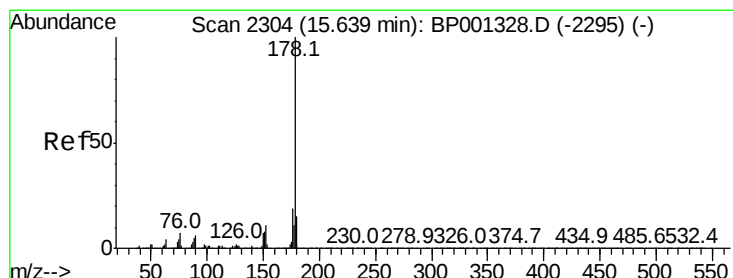
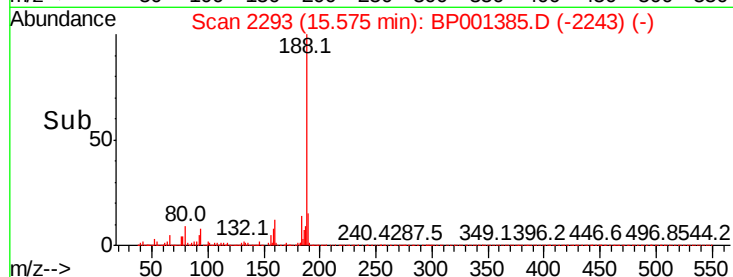
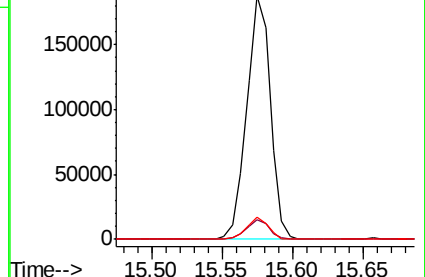
80 9.0 5.7 8.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#71

Phenanthrene

Concen: 2.135 ng

RT: 15.61 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BP001385.D

Acq: 24 Dec 2019 14:35

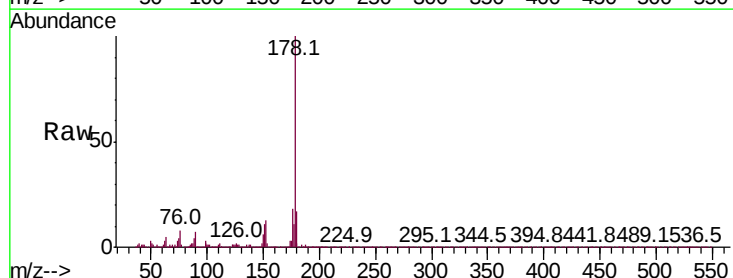
Tgt Ion:178 Resp: 26804

Ion Ratio Lower Upper

178 100

176 17.7 15.4 23.0

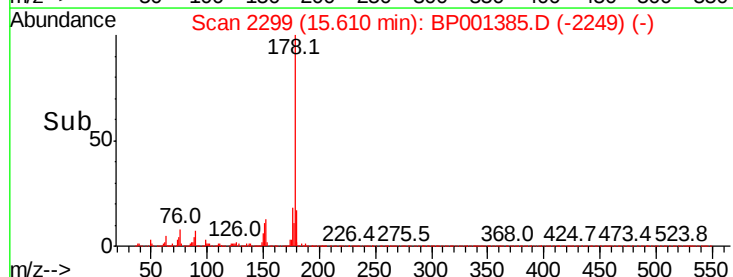
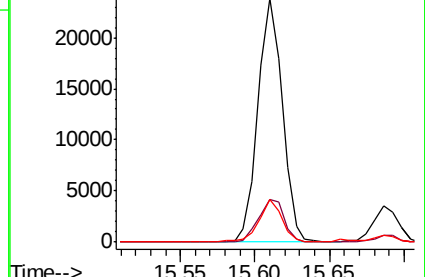
179 17.4 12.2 18.2

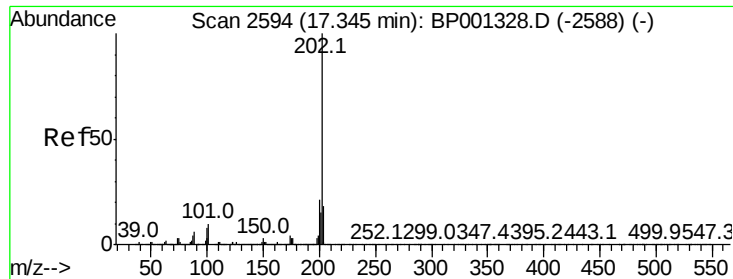


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 4.823 ng

RT: 17.32 min Scan# 2590

Delta R.T. -0.01 min

Lab File: BP001385.D

Acq: 24 Dec 2019 14:35

Instrument :

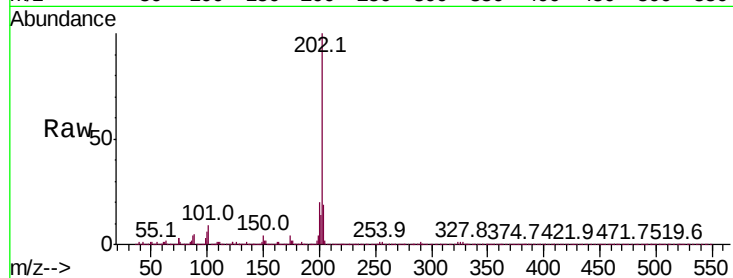
BNA_P

ClientSampleId :

1FT-TP

Tot Ion:202 Resp: 67713

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	28.7
203	18.6	0.0	37.4

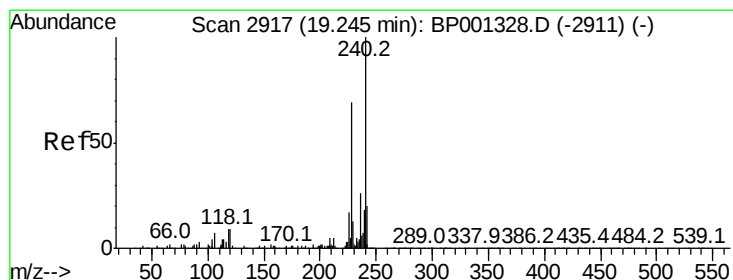
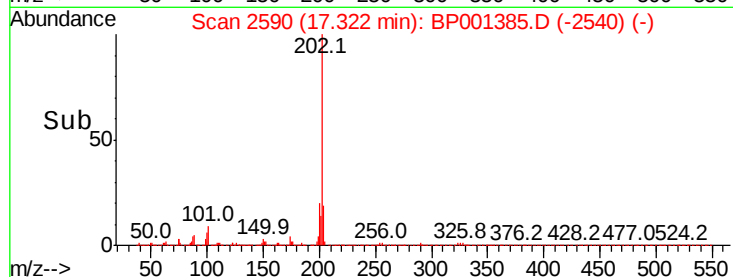
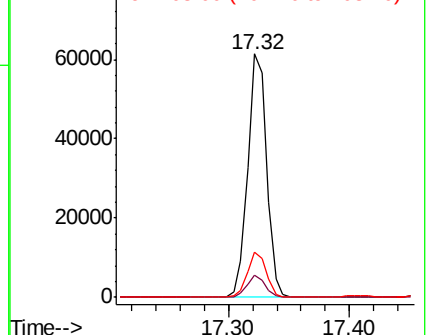


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.22 min Scan# 2913

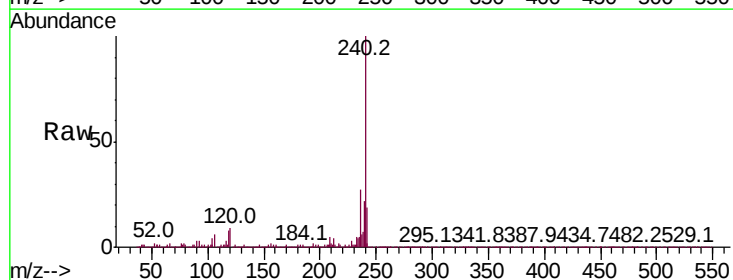
Delta R.T. -0.01 min

Lab File: BP001385.D

Acq: 24 Dec 2019 14:35

Tgt Ion:240 Resp: 149222

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.2	9.2
236	26.8	20.2	30.2

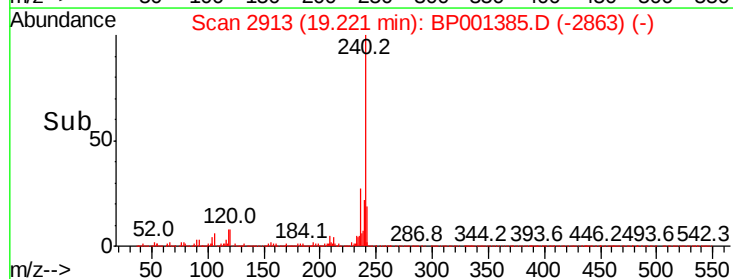
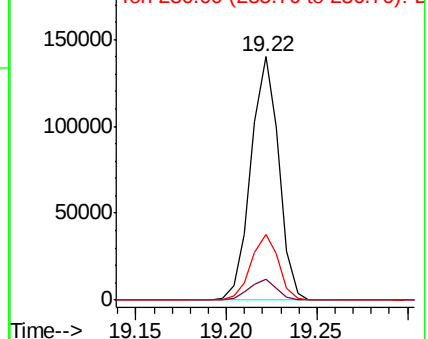


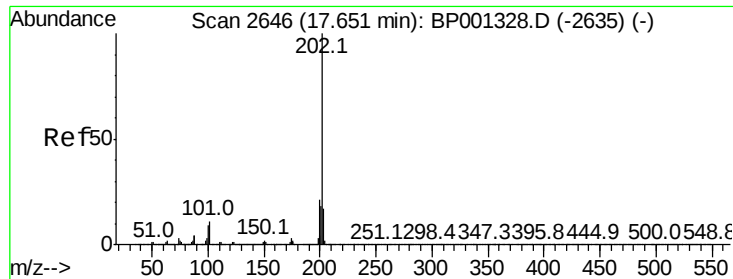
Abundance

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





#78

Pvrene

Concen: 4.415 ng

RT: 17.63 min Scan# 2642

Delta R.T. -0.01 min

Lab File: BP001385.D

Acq: 24 Dec 2019 14:35

Instrument :

BNA_P

ClientSampleId :

1FT-TP

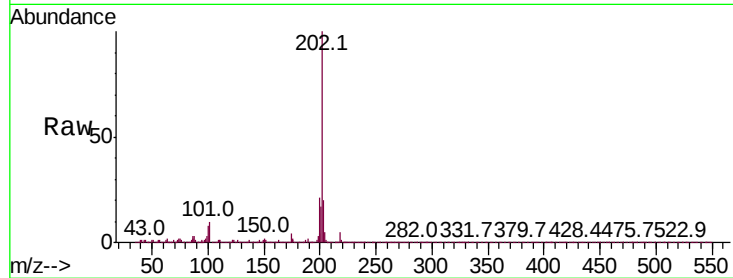
Tot Ion:202 Resp: 51149

Ion Ratio Lower Upper

202 100

200 20.6 16.6 25.0

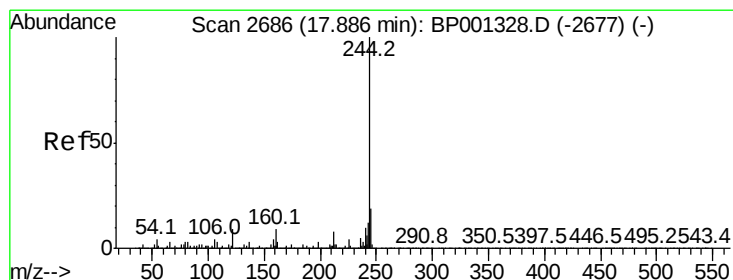
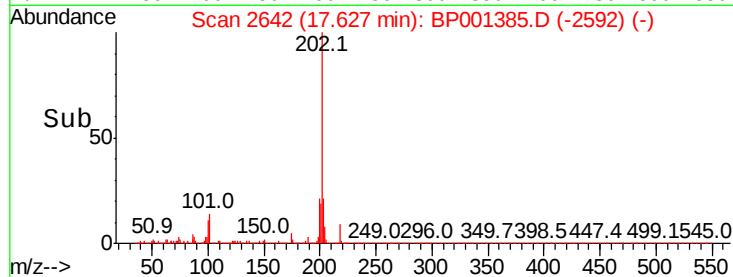
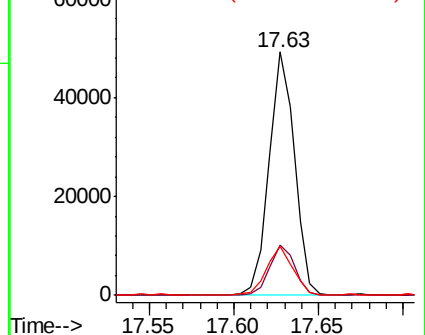
203 20.1 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 90.275 ng

RT: 17.87 min Scan# 2683

Delta R.T. -0.00 min

Lab File: BP001385.D

Acq: 24 Dec 2019 14:35

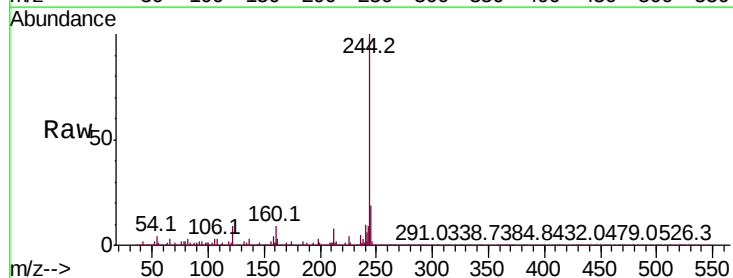
Tgt Ion:244 Resp: 786505

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

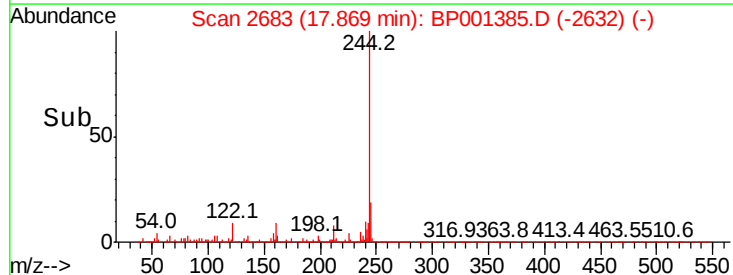
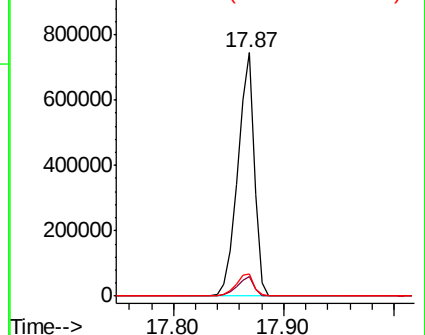
122 9.0 6.4 9.6

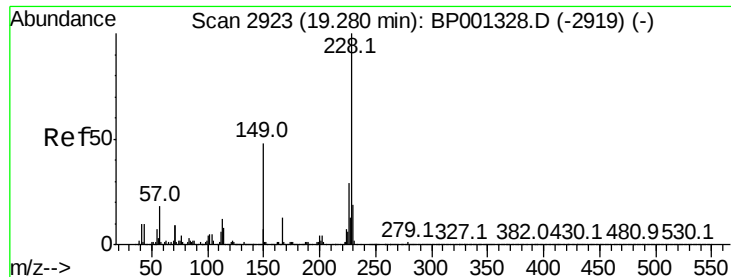


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Chrysene

Concen: 2.162 ng

RT: 19.25 min Scan# 2918

Delta R.T. -0.01 min

Lab File: BP001385.D

Acq: 24 Dec 2019 14:35

Instrument :

BNA_P

ClientSampleId :

1FT-TP

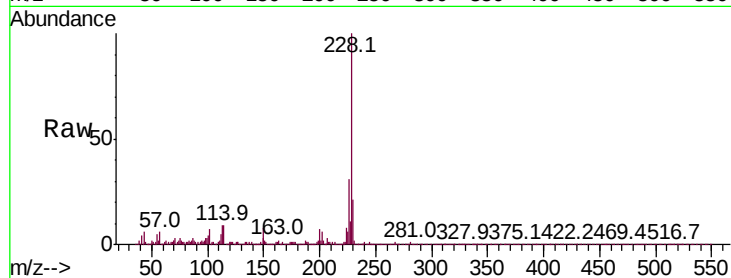
Tot Ion:228 Resp: 22692

Ion Ratio Lower Upper

228 100

226 31.3 23.4 35.2

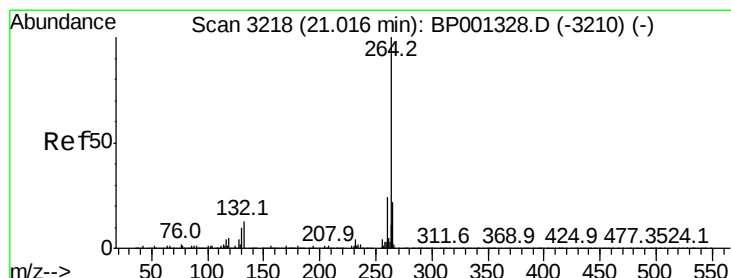
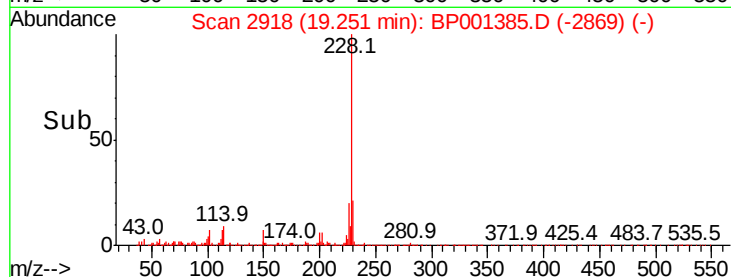
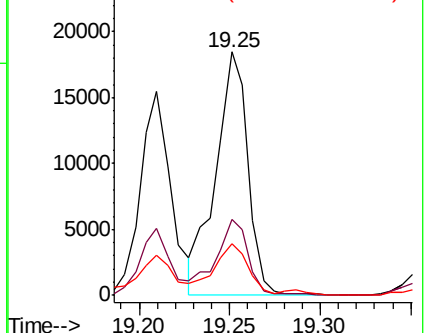
229 21.0 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 20.99 min Scan# 3213

Delta R.T. -0.01 min

Lab File: BP001385.D

Acq: 24 Dec 2019 14:35

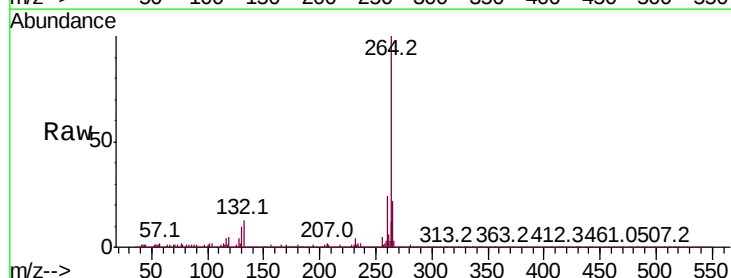
Tgt Ion:264 Resp: 140366

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.4

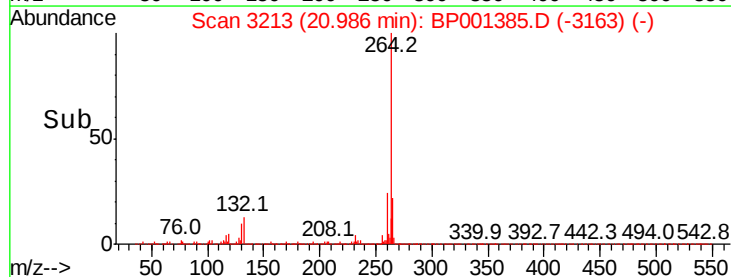
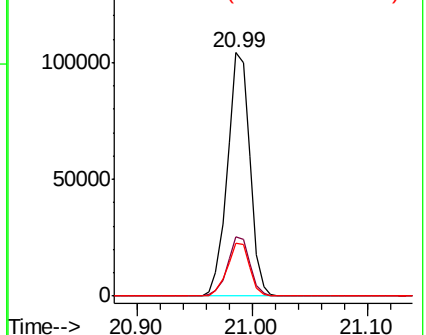
265 22.0 17.0 25.4

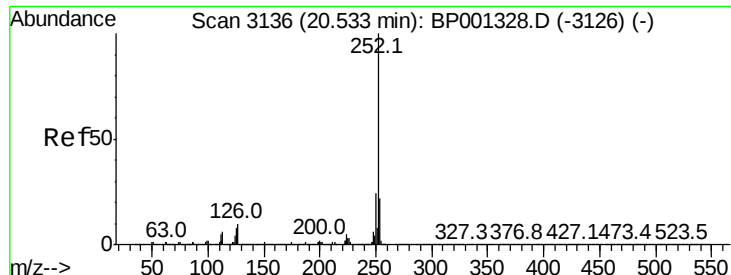


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.797 ng

RT: 20.50 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BP001385.D

Acq: 24 Dec 2019 14:35

Instrument :

BNA_P

ClientSampleId :

1FT-TP

Tot Ion:252 Resp: 25780

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 11.2 5.6 8.4#

