

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
 Data File : BP001283.D
 Acq On : 09 Dec 2019 21:45
 Operator : JU
 Sample : K6177-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EP-5

Quant Time: Dec 10 05:40:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

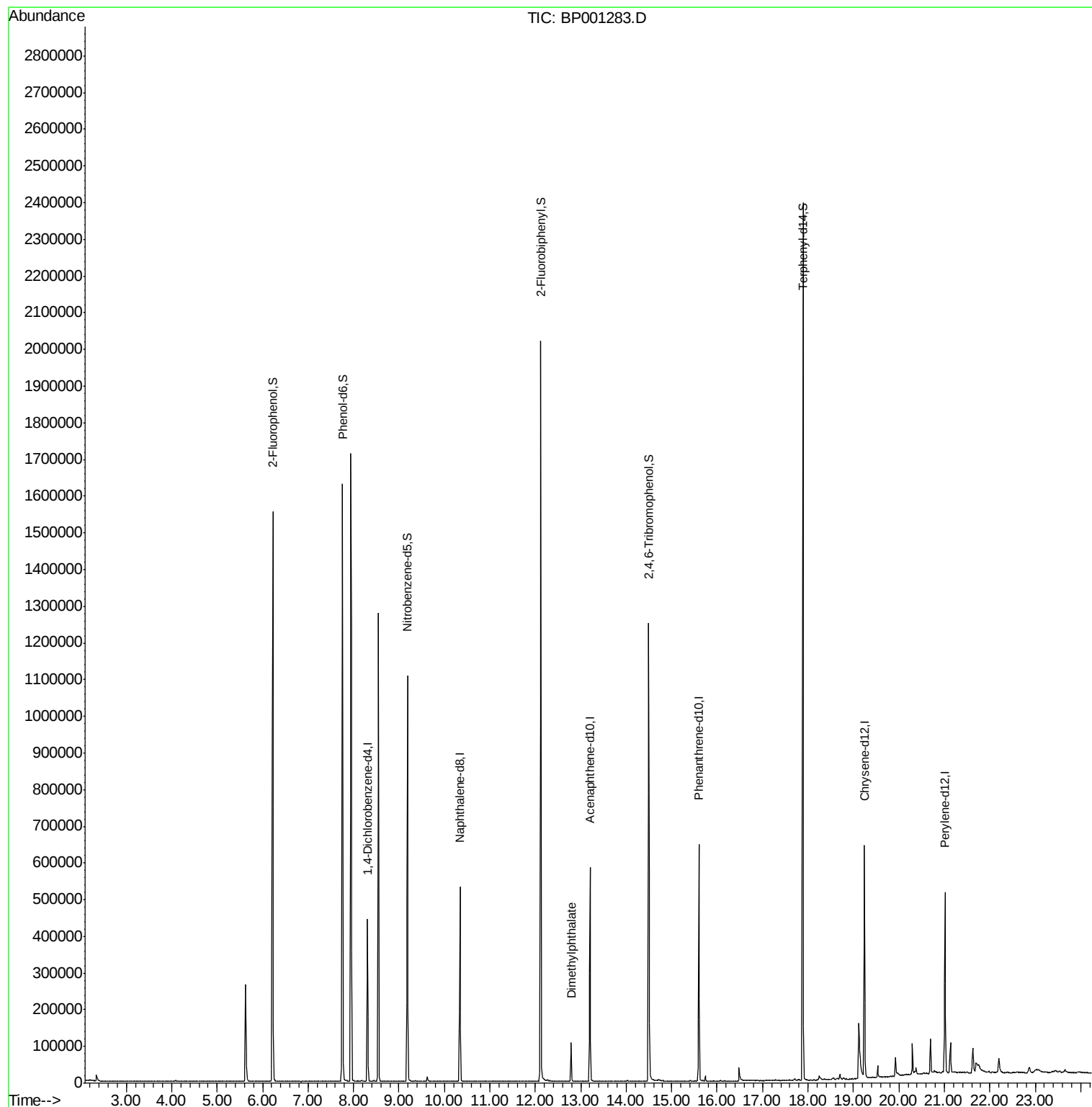
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	74184	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	267073	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	153148	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	290367	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	230931	20.00	ng	-0.02
87) Perylene-d12	21.02	264	243984	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	461679	103.25	ng	0.01
7) Phenol-d6	7.76	99	634900	106.58	ng	0.00
23) Nitrobenzene-d5	9.19	82	441841	71.78	ng	-0.01
42) 2,4,6-Tribromophenol	14.50	330	169050	115.16	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	749425	71.62	ng	-0.01
79) Terphenyl-d14	17.89	244	895194	71.72	ng	0.00
Target Compounds						
50) Dimethylphthalate	12.79	163	47443	4.142	ng	Qvalue 98

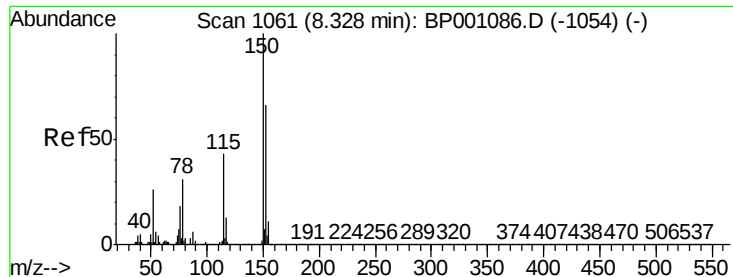
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.30 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BP001283.D

Acq: 09 Dec 2019 21:45

Instrument :

BNA_P

ClientSampleId :

EP-5

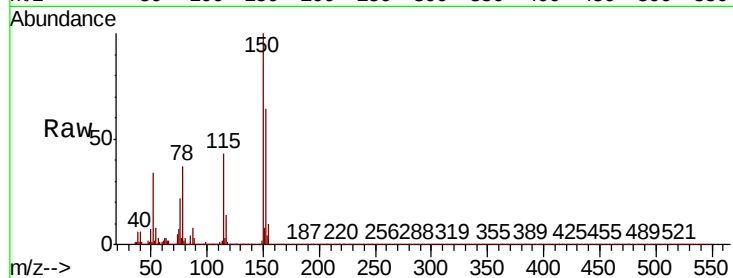
Tot Ion:152 Resp: 74184

Ion Ratio Lower Upper

152 100

150 155.7 127.3 190.9

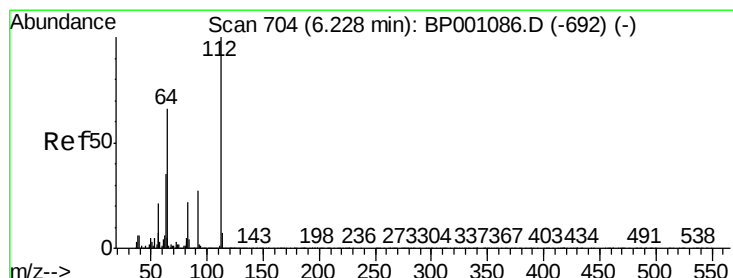
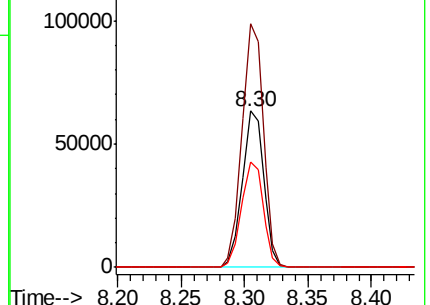
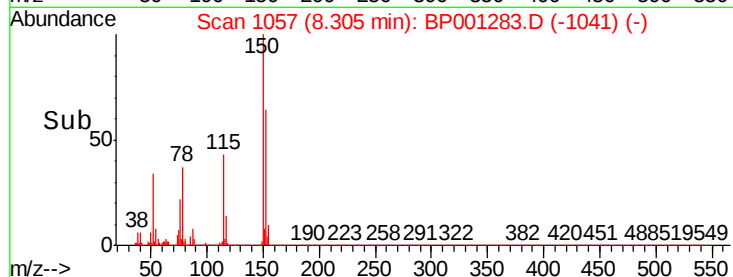
115 67.3 56.0 84.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 103.252 ng

RT: 6.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BP001283.D

Acq: 09 Dec 2019 21:45

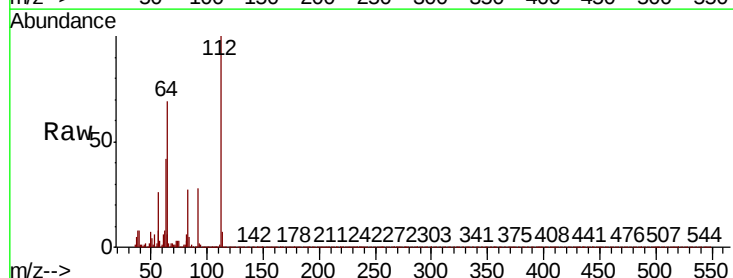
Tgt Ion:112 Resp: 461679

Ion Ratio Lower Upper

112 100

64 69.1 56.8 85.2

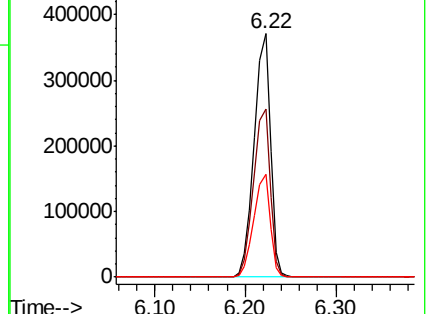
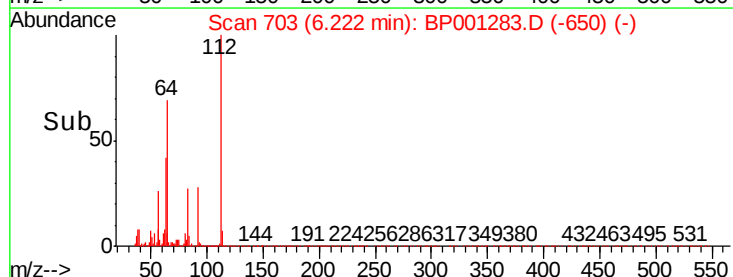
63 42.2 32.2 48.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 106.581 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001283.D

Acq: 09 Dec 2019 21:45

Instrument :

BNA_P

ClientSampleId :

EP-5

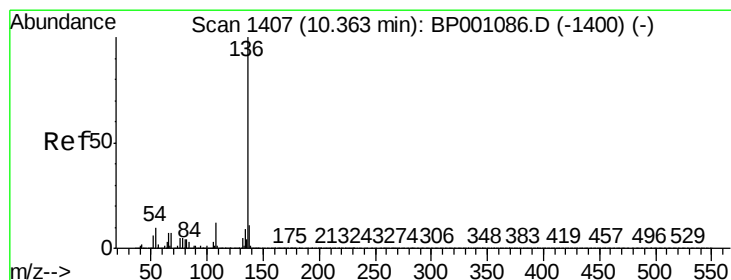
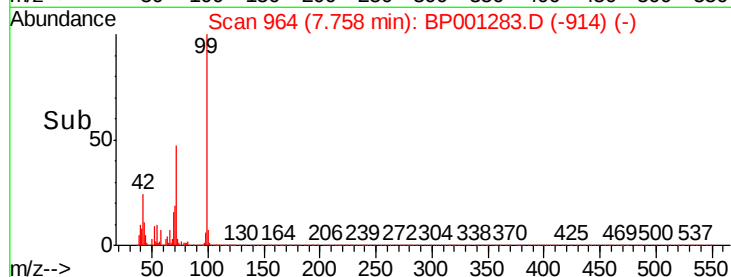
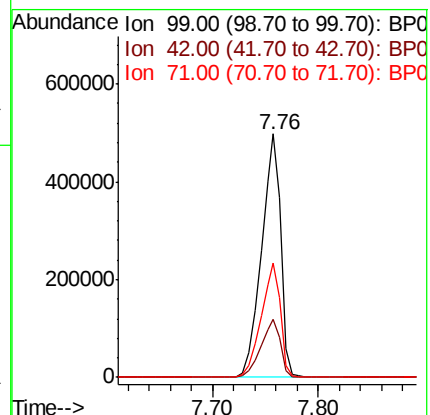
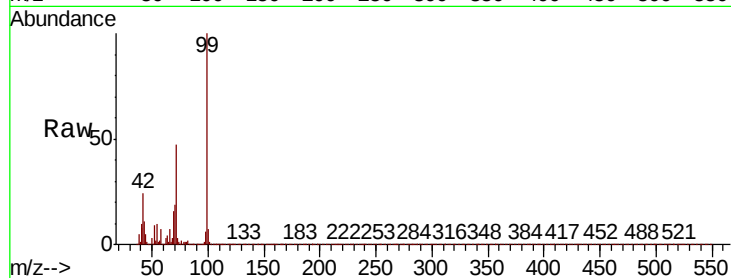
Tot Ion: 99 Resp: 634900

Ion Ratio Lower Upper

99 100

42 24.0 17.6 26.4

71 47.1 33.8 50.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BP001283.D

Acq: 09 Dec 2019 21:45

Tgt Ion: 136 Resp: 267073

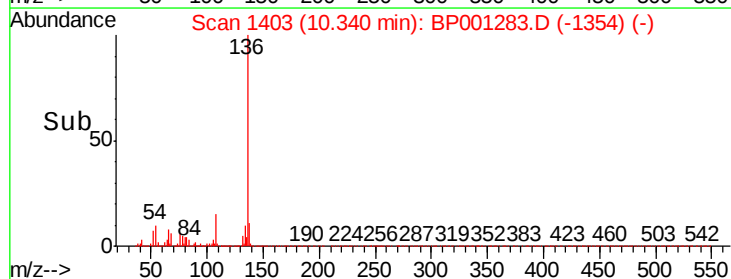
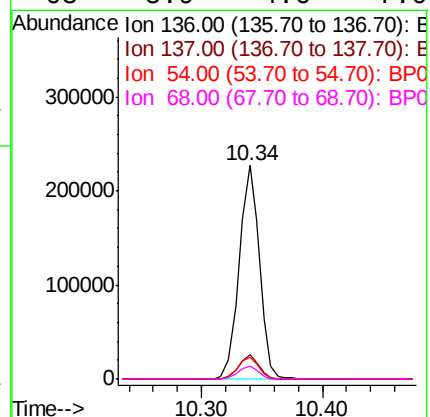
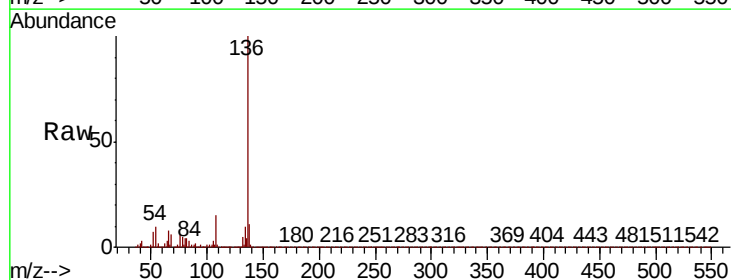
Ion Ratio Lower Upper

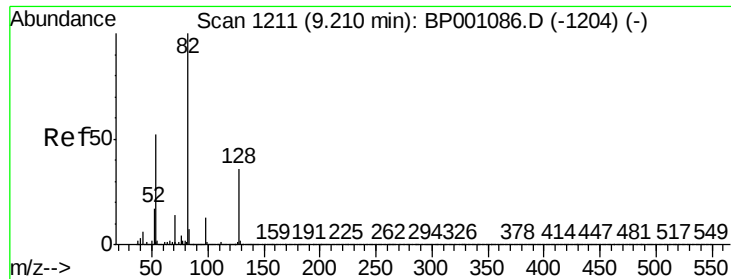
136 100

137 11.2 8.4 12.6

54 10.4 7.4 11.0

68 5.9 4.6 7.0

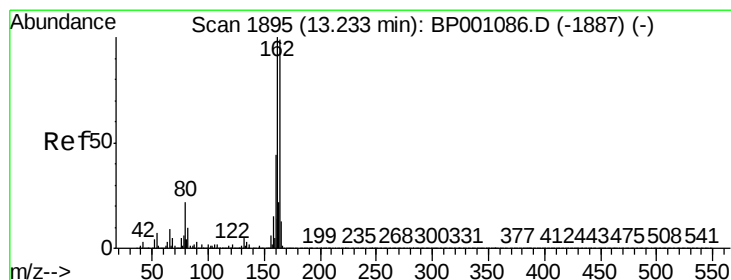
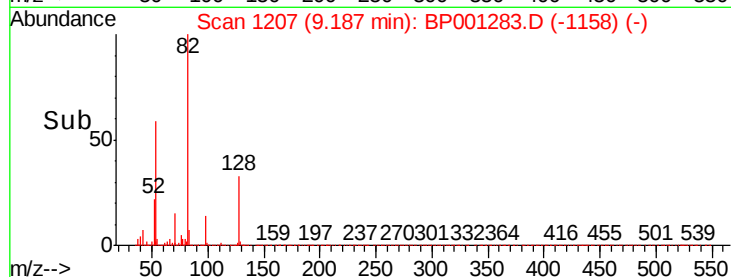
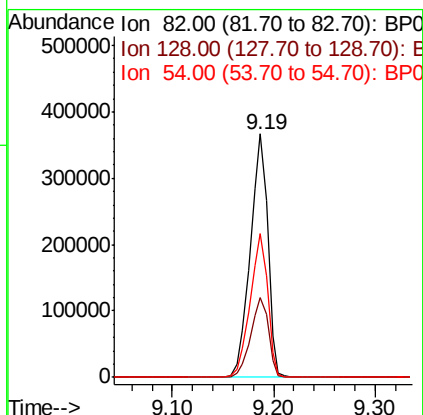
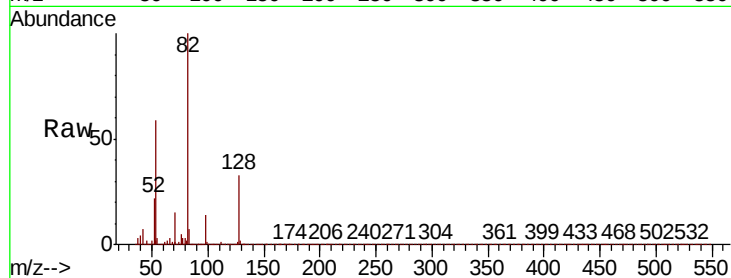




#23
 Nitrobenzene-d5
 Concen: 71.777 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BP001283.D
 Acq: 09 Dec 2019 21:45

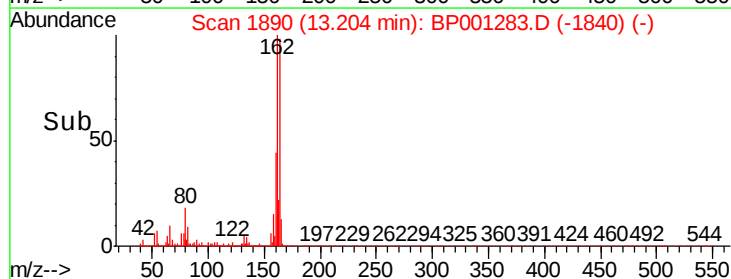
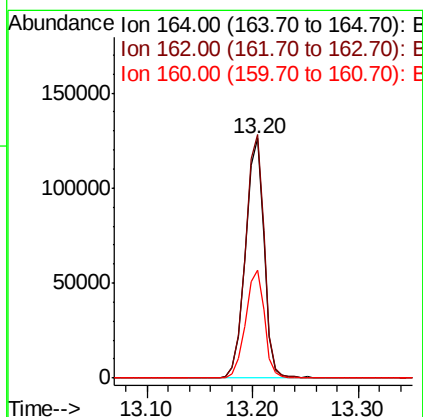
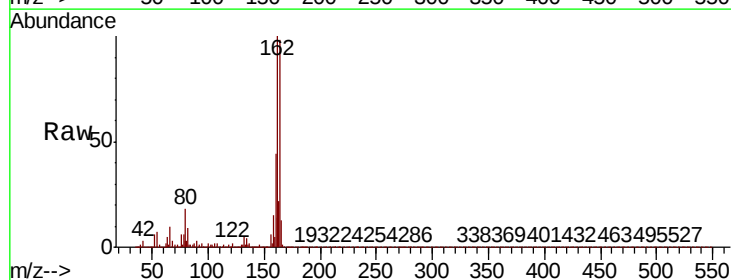
Instrument :
 BNA_P
 ClientSampled :
 EP-5

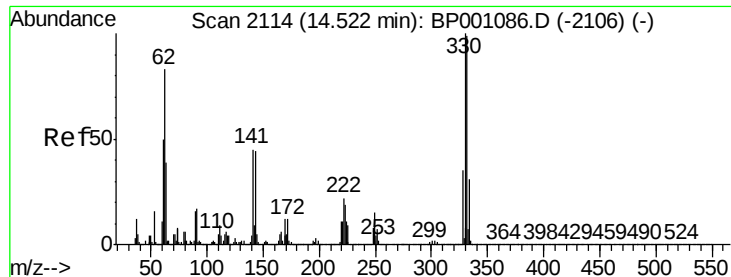
Tot Ion	82	128	54
Resp:	441841		
Ratio	100	33.0	59.0
Lower		27.5	45.7
Upper		41.3	68.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.20 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: BP001283.D
 Acq: 09 Dec 2019 21:45

Tgt Ion	164	162	160
Resp:	153148		
Ratio	100	101.7	45.2
Lower		80.7	36.3
Upper		121.1	54.5

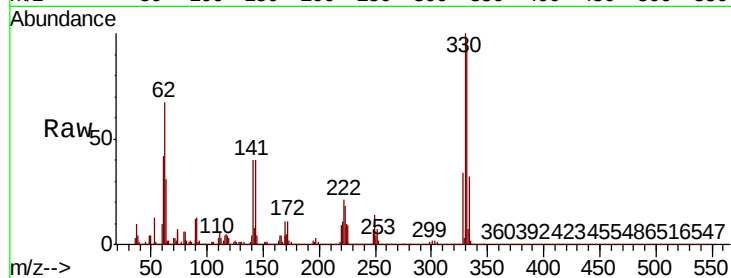




#42
2,4,6-Tribromophenol
Concen: 115.163 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BP001283.D
Acq: 09 Dec 2019 21:45

Instrument :
BNA_P
ClientSampleId :
EP-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.1	118.7
141	44.5	35.9	53.9

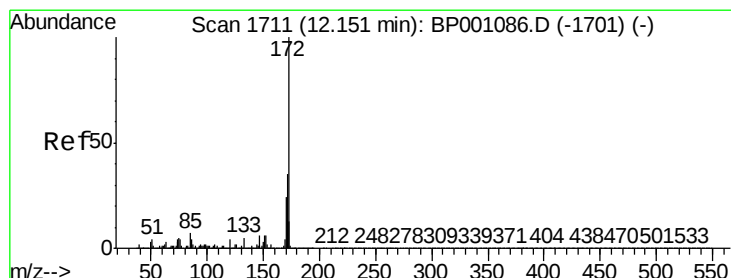
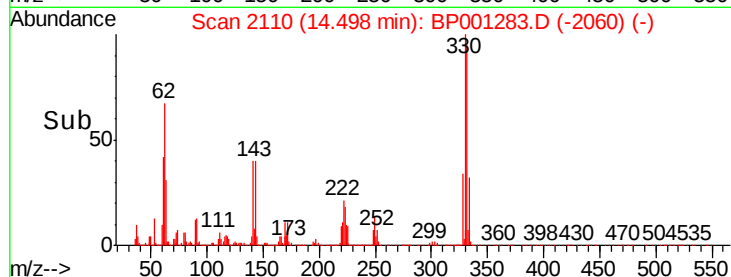
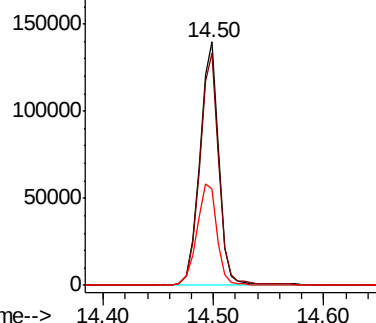


Abundance

Ion 329.80 (329.50 to 330.50): E

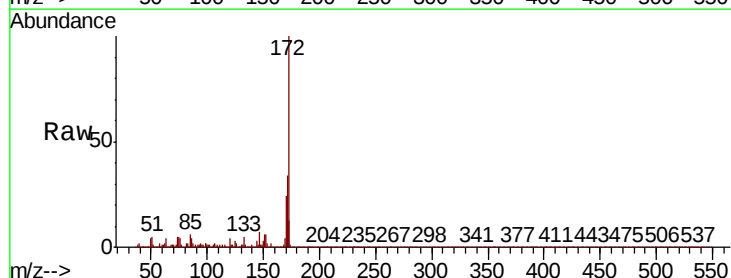
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 71.620 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001283.D
Acq: 09 Dec 2019 21:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.7	43.1
170	23.7	19.2	28.8

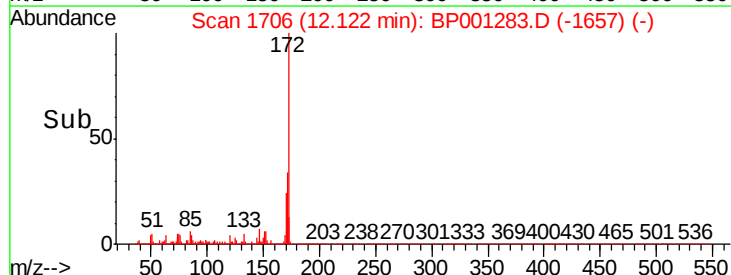
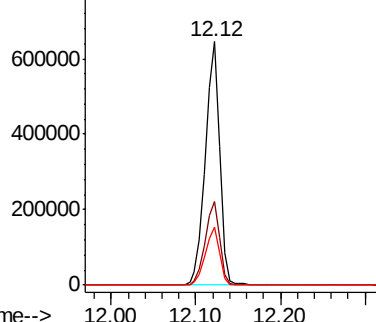


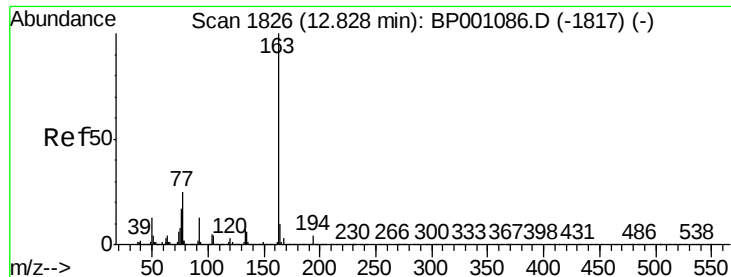
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

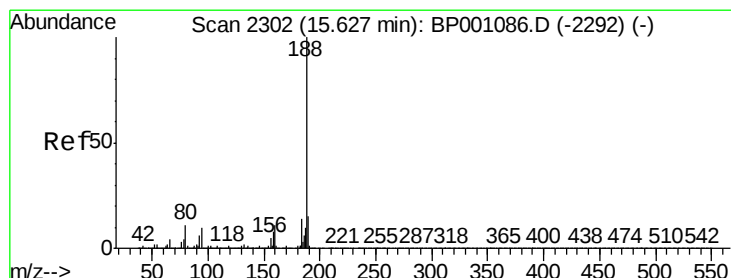
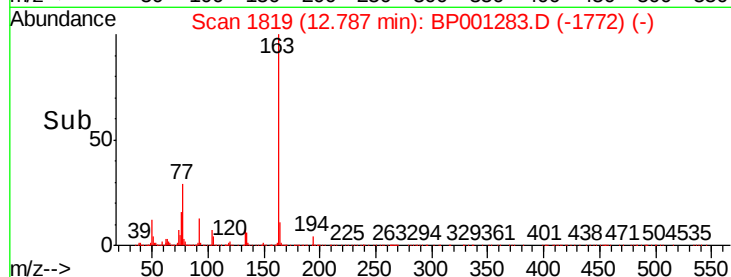
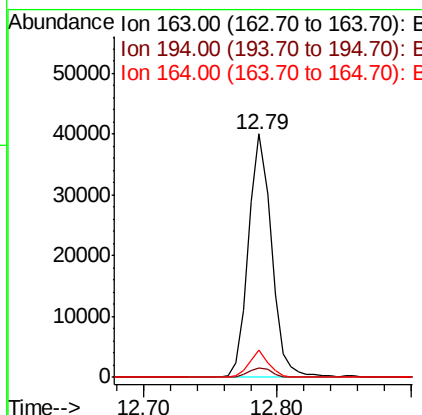
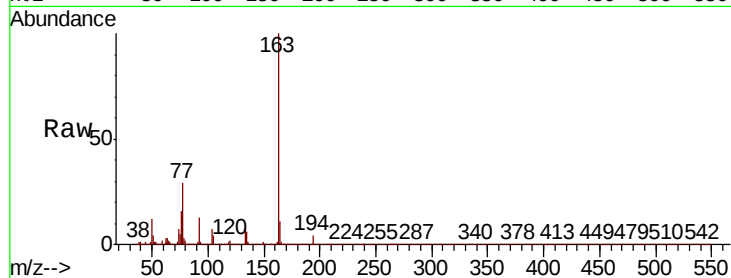




#50
Dimethylphthalate
Concen: 4.142 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BP001283.D
Acq: 09 Dec 2019 21:45

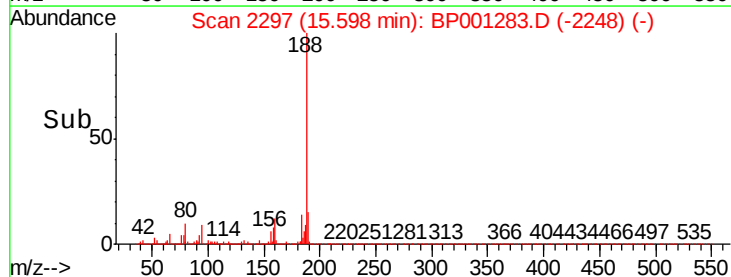
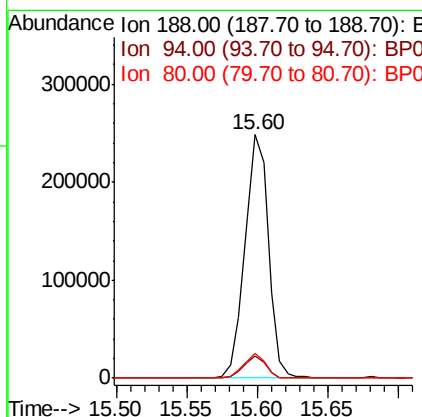
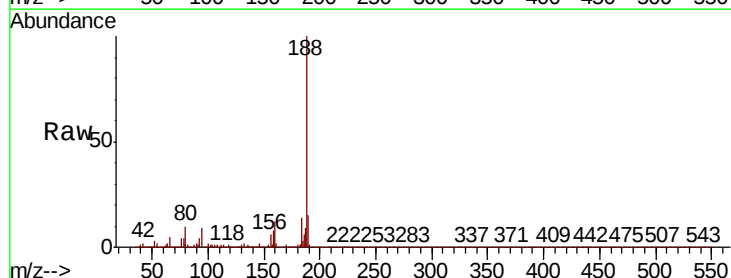
Instrument :
BNA_P
ClientSampled :
EP-5

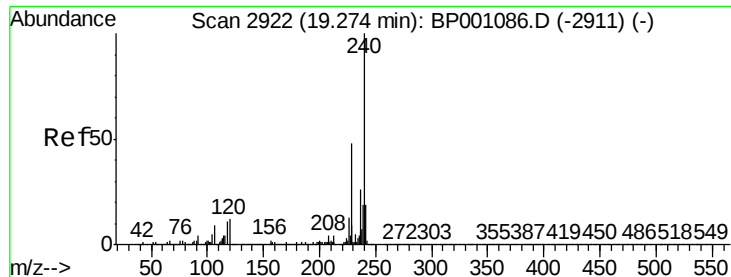
Tot Ion:163 Resp: 47443
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 11.4 8.2 12.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BP001283.D
Acq: 09 Dec 2019 21:45

Tgt Ion:188 Resp: 290367
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 10.0 7.8 11.6

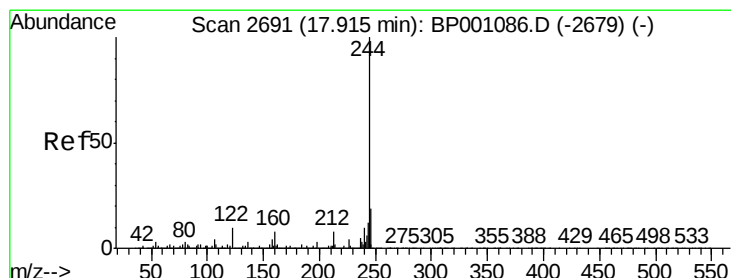
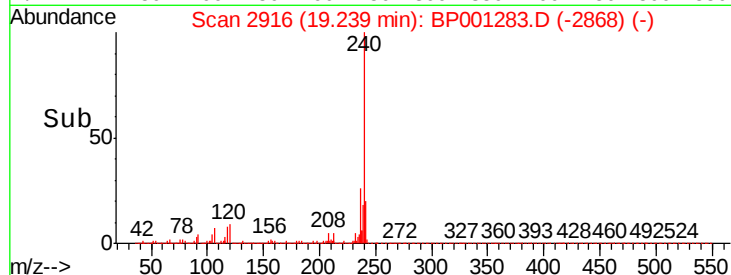
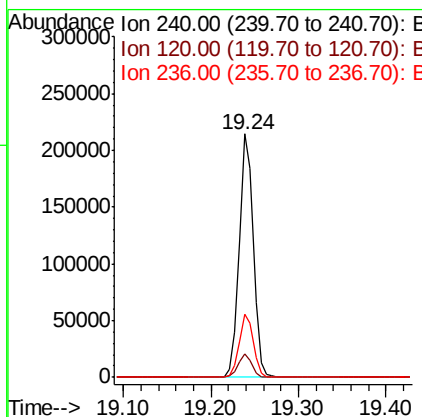
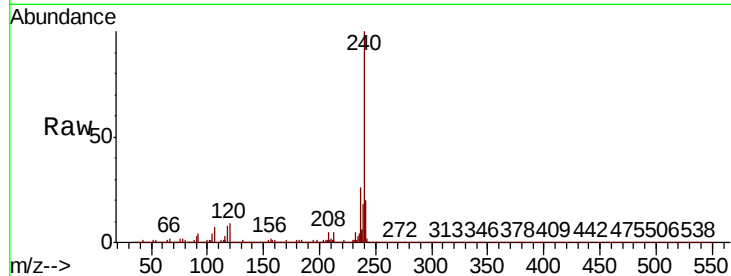




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.24 min Scan# 2916
Delta R.T. -0.02 min
Lab File: BP001283.D
Acq: 09 Dec 2019 21:45

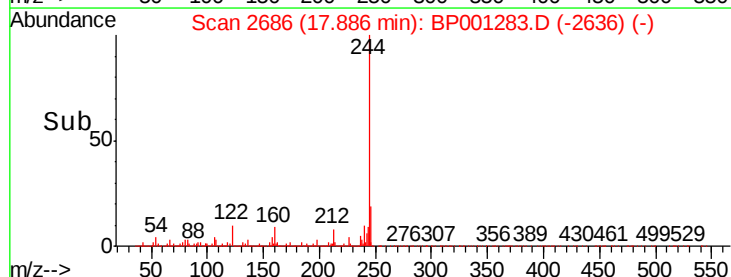
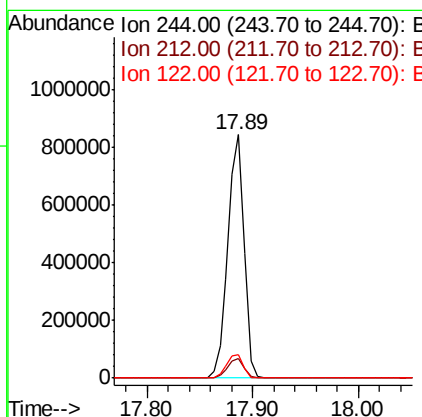
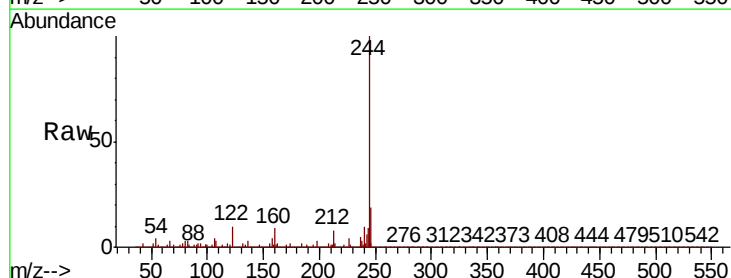
Instrument :
BNA_P
ClientSampleId :
EP-5

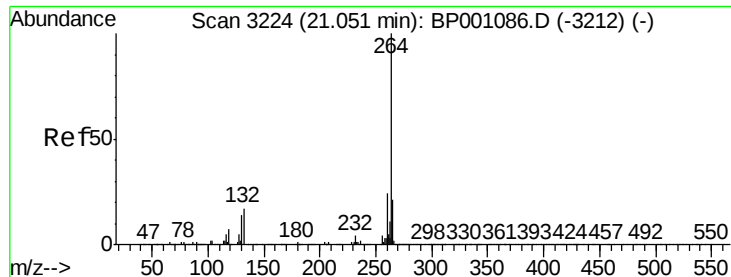
Tot Ion:240 Resp: 230931
Ion Ratio Lower Upper
240 100
120 9.4 7.0 10.6
236 26.0 21.7 32.5



#79
Terphenyl-d14
Concen: 71.718 ng
RT: 17.89 min Scan# 2686
Delta R.T. -0.01 min
Lab File: BP001283.D
Acq: 09 Dec 2019 21:45

Tgt Ion:244 Resp: 895194
Ion Ratio Lower Upper
244 100
212 8.2 6.6 9.8
122 9.8 9.2 13.8





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 21.02 min Scan# 3218
 Delta R.T. -0.01 min
 Lab File: BP001283.D
 Acq: 09 Dec 2019 21:45

Instrument :
 BNA_P
 ClientSampleId :
 EP-5

Tot Ion:	264	Resp:	243984
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	21.4	17.1	25.7

