

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121119\
 Data File : BP001310.D
 Acq On : 11 Dec 2019 14:26
 Operator : JU
 Sample : K6204-14
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 K072-AA-WC-1

Quant Time: Dec 12 07:31:24 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	62845	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	223006	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	128724	20.00	ng	-0.01
64) Phenanthrene-d10	15.60	188	249377	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	189730	20.00	ng	-0.02
87) Perylene-d12	21.02	264	193020	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	502287	132.60	ng	0.02
7) Phenol-d6	7.76	99	607454	120.37	ng	0.00
23) Nitrobenzene-d5	9.19	82	547173	106.45	ng	-0.01
42) 2,4,6-Tribromophenol	14.50	330	212712	172.40	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	941614	107.06	ng	-0.01
79) Terphenyl-d14	17.89	244	1194918	116.52	ng	0.00

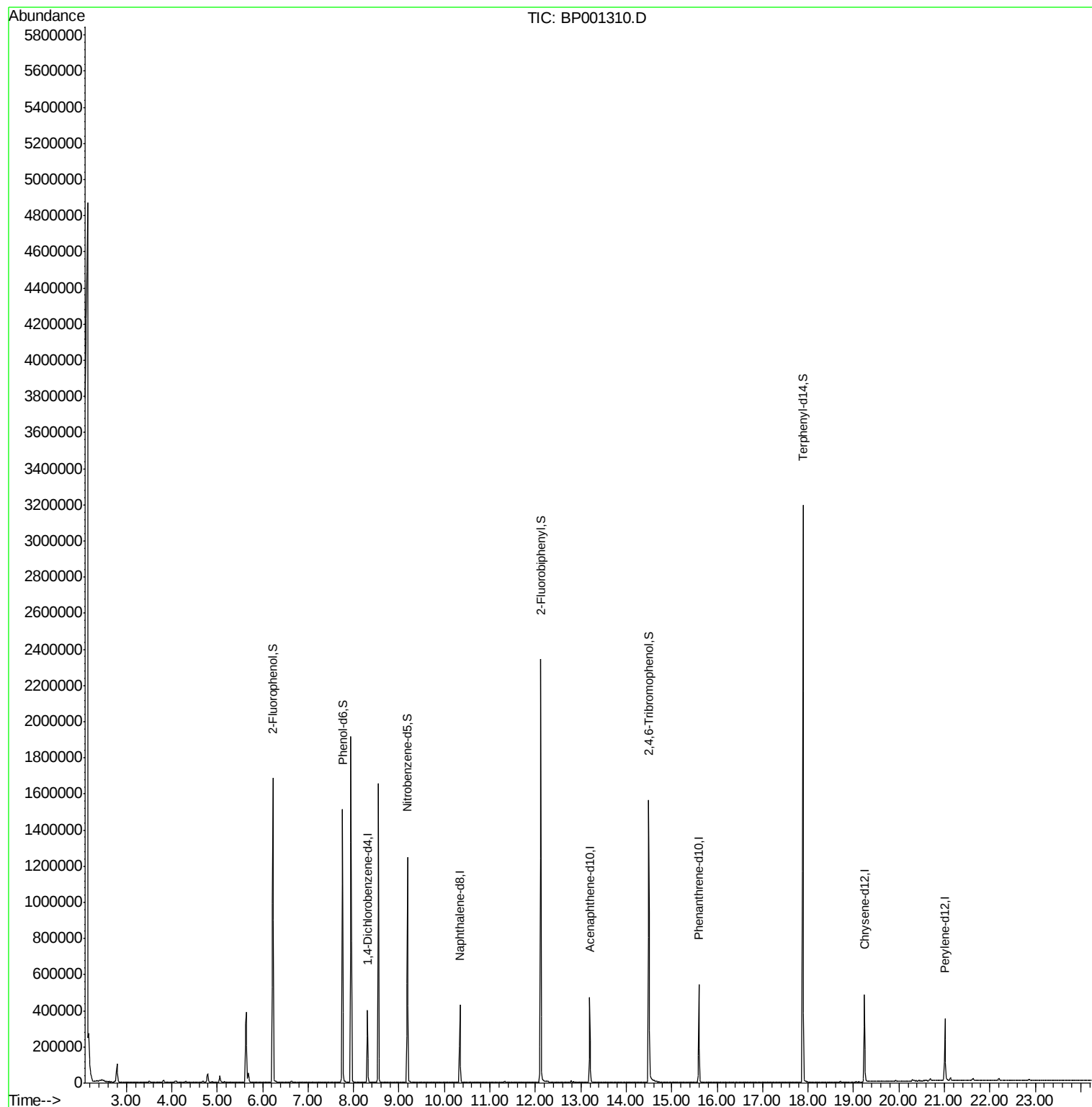
Target Compounds Qvalue

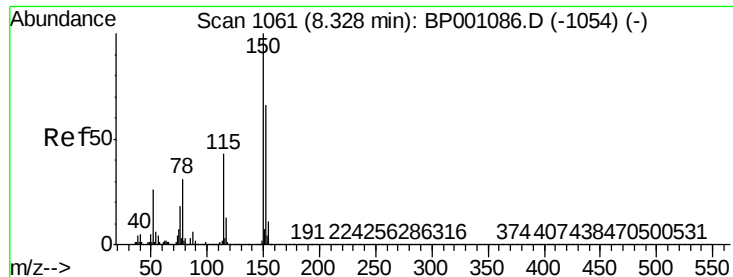
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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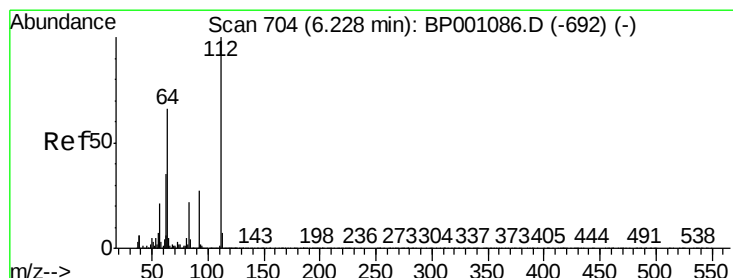
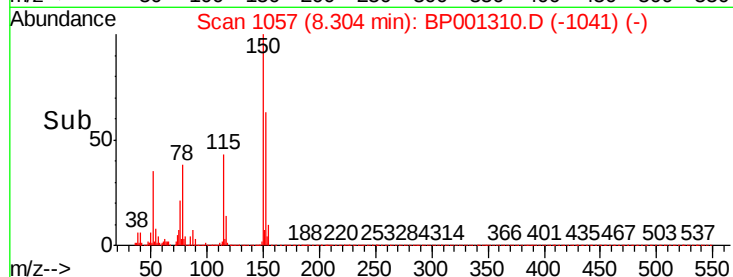
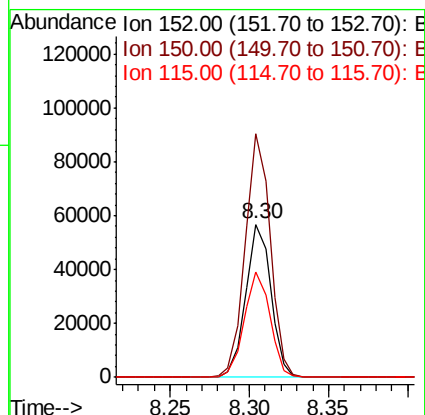
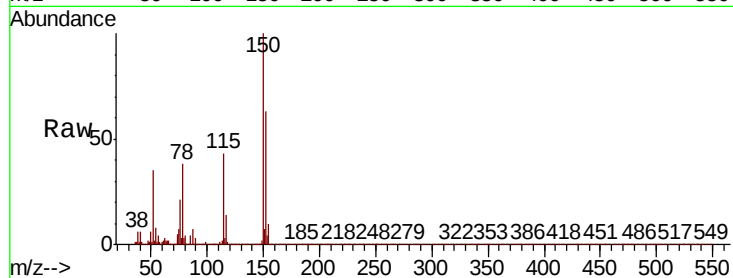




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BP001310.D
 Acq: 11 Dec 2019 14:26

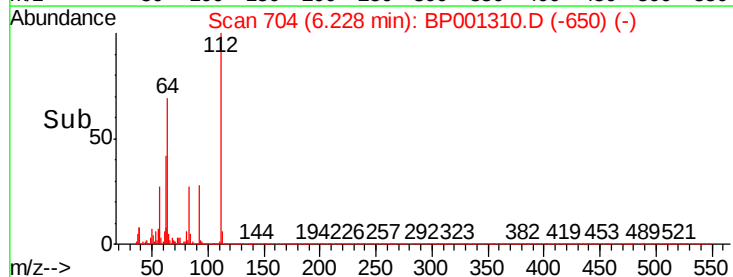
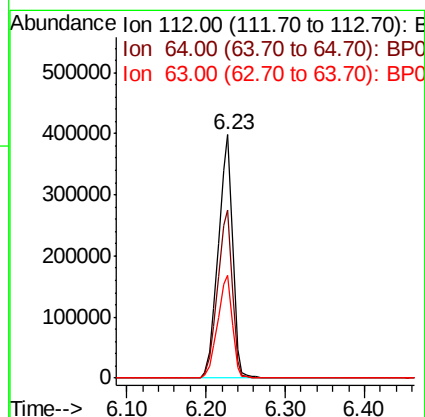
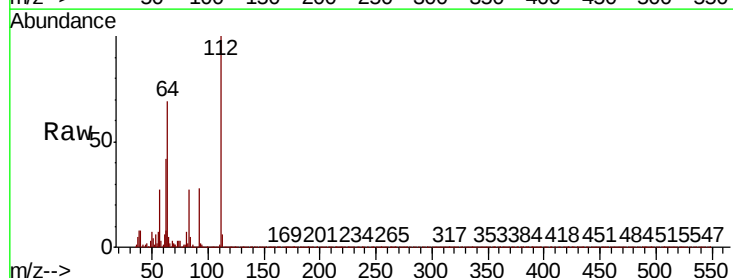
Instrument :
 BNA_P
 ClientSampleId :
 K072-AA-WC-1

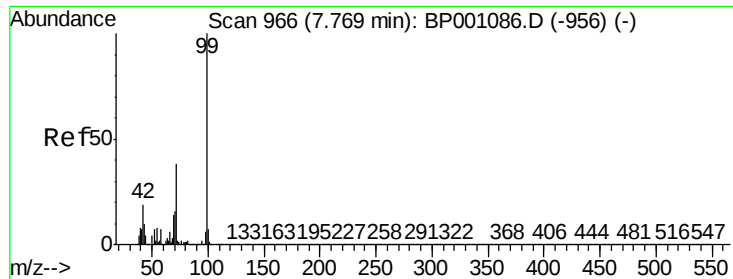
Tot Ion:152 Resp: 62845
 Ion Ratio Lower Upper
 152 100
 150 158.9 127.3 190.9
 115 68.8 56.0 84.0



#5
 2-Fluorophenol
 Concen: 132.602 ng
 RT: 6.23 min Scan# 704
 Delta R.T. 0.02 min
 Lab File: BP001310.D
 Acq: 11 Dec 2019 14:26

Tgt Ion:112 Resp: 502287
 Ion Ratio Lower Upper
 112 100
 64 69.0 56.8 85.2
 63 42.2 32.2 48.2





#7

Phenol-d6

Concen: 120.372 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001310.D

Acq: 11 Dec 2019 14:26

Instrument :

BNA_P

ClientSampleId :

K072-AA-WC-1

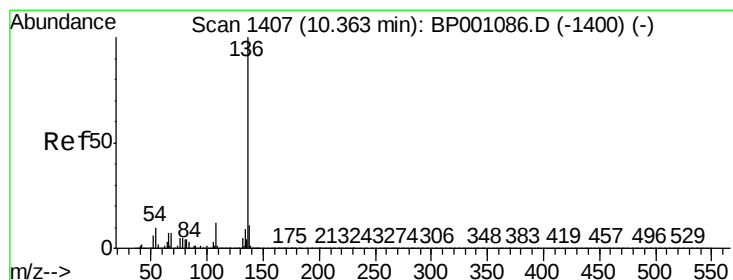
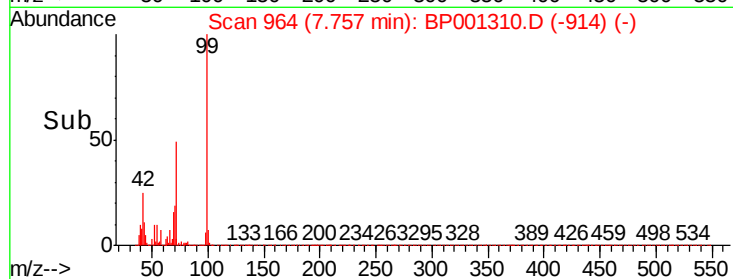
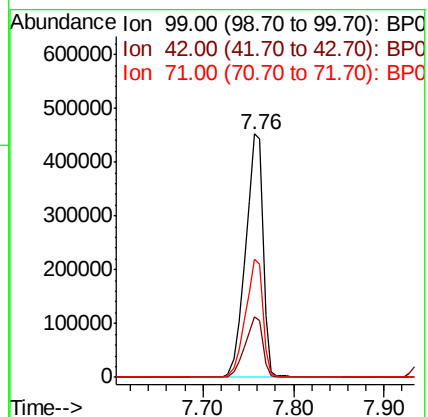
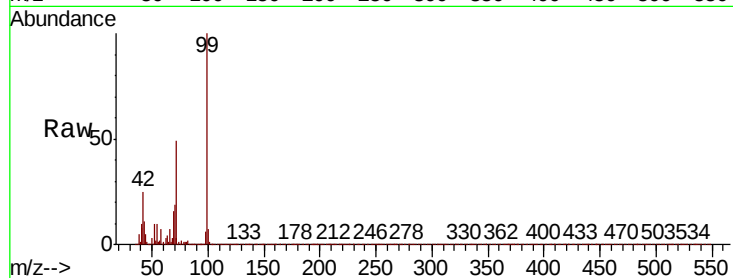
Tot Ion: 99 Resp: 607454

Ion Ratio Lower Upper

99 100

42 25.1 17.6 26.4

71 48.6 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: BP001310.D

Acq: 11 Dec 2019 14:26

Tgt Ion: 136 Resp: 223006

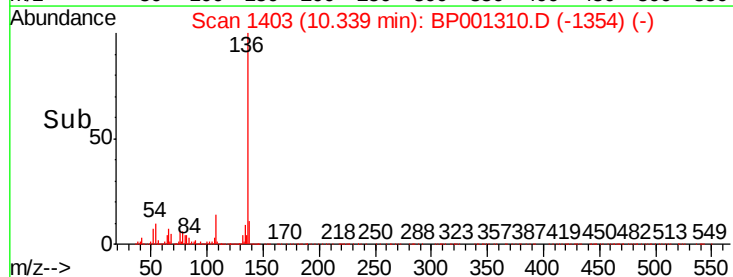
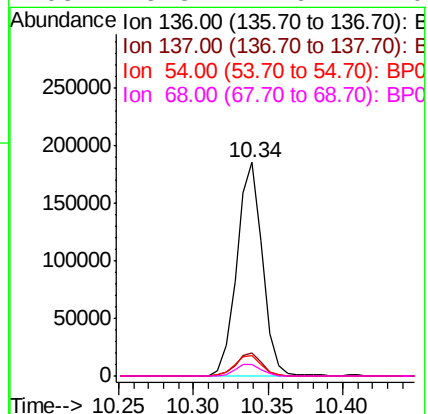
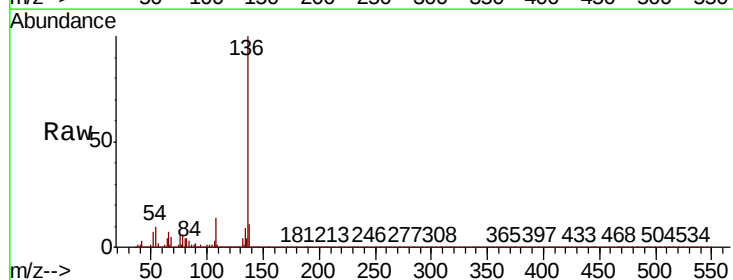
Ion Ratio Lower Upper

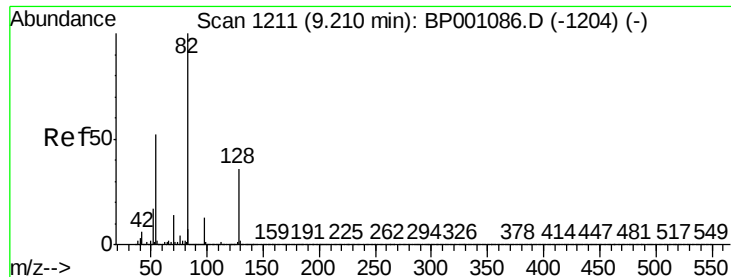
136 100

137 11.0 8.4 12.6

54 9.7 7.4 11.0

68 5.3 4.6 7.0

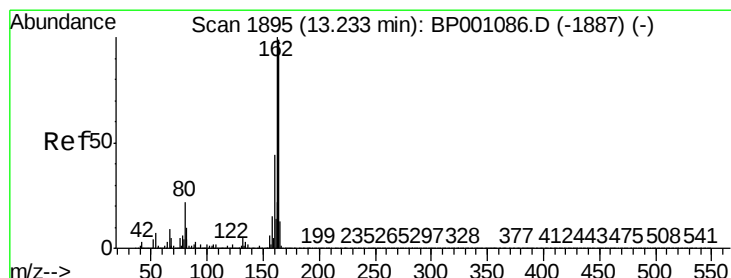
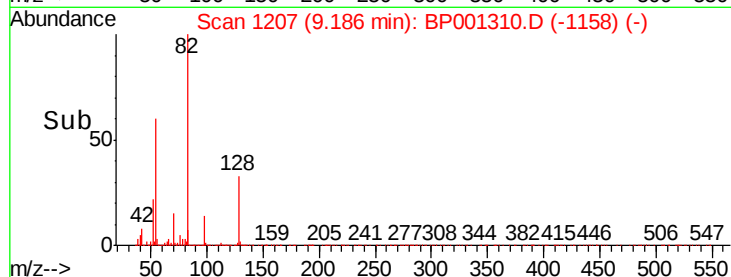
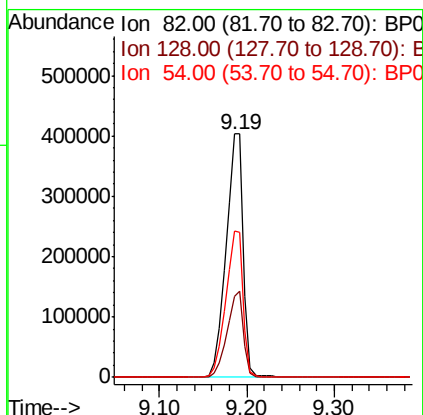
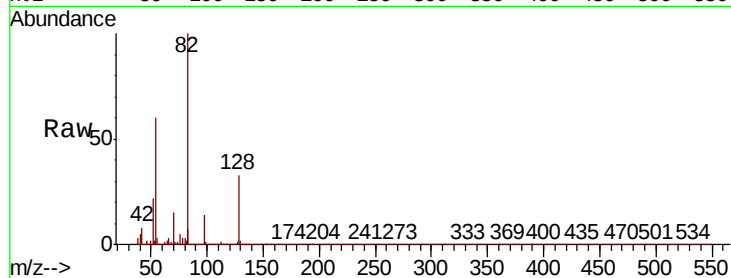




#23
 Nitrobenzene-d5
 Concen: 106.453 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BP001310.D
 Acq: 11 Dec 2019 14:26

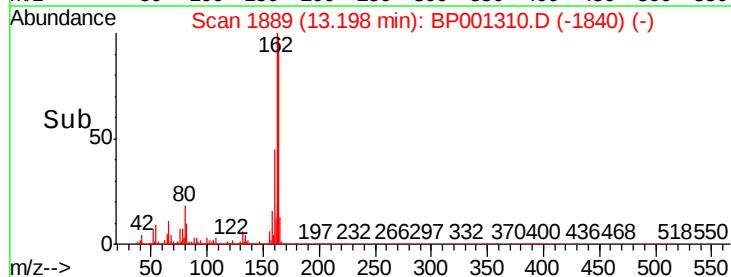
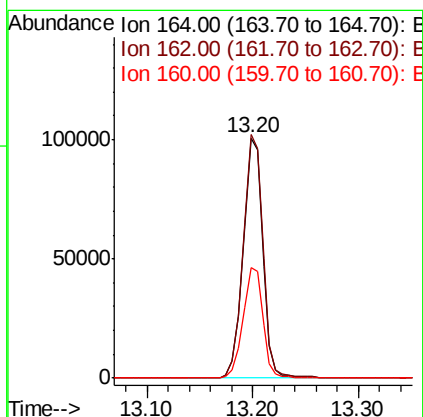
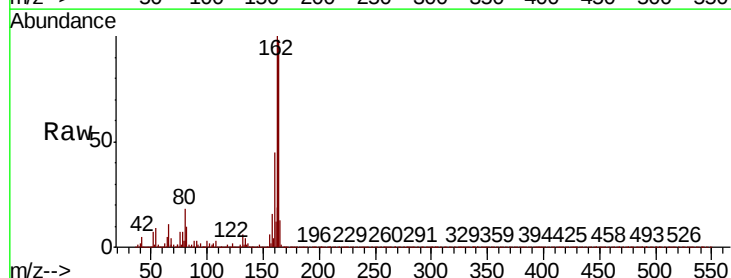
Instrument :
 BNA_P
 ClientSampleId :
 K072-AA-WC-1

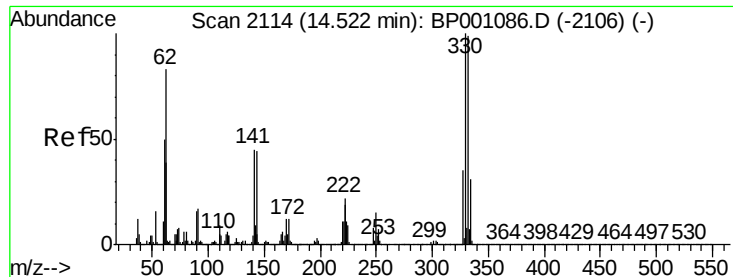
Tot Ion	82	Resp	547173
Ion Ratio	Lower	Upper	
82	100		
128	33.4	27.5	41.3
54	60.2	45.7	68.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.20 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: BP001310.D
 Acq: 11 Dec 2019 14:26

Tgt Ion	164	Resp	128724
Ion Ratio	Lower	Upper	
164	100		
162	101.6	80.7	121.1
160	46.2	36.3	54.5

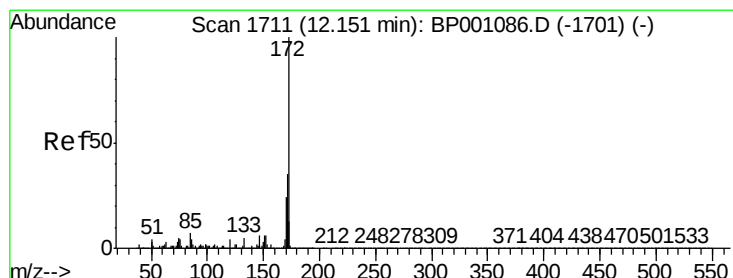
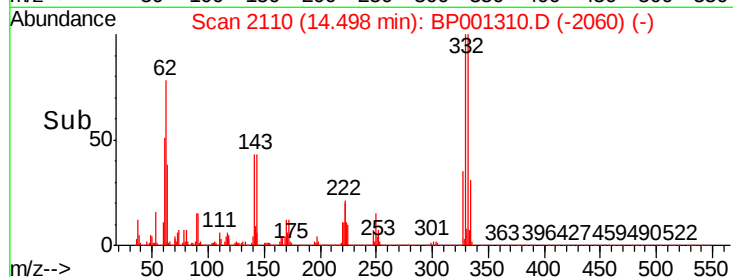
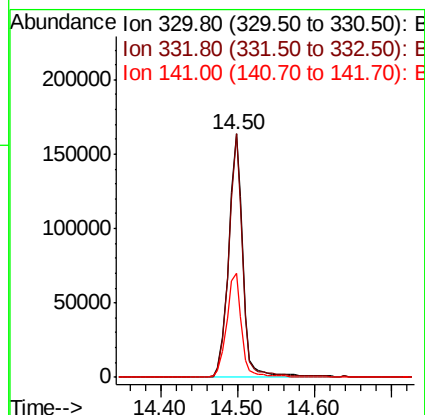
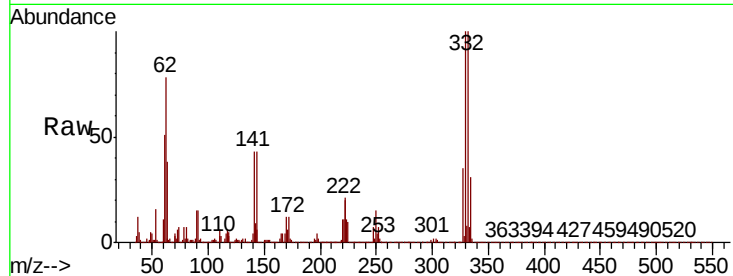




#42
2,4,6-Tribromophenol
Concen: 172.401 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BP001310.D
Acq: 11 Dec 2019 14:26

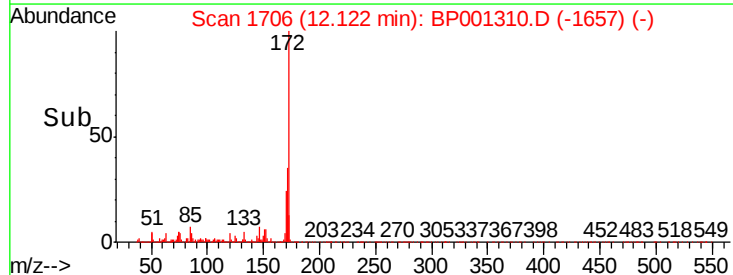
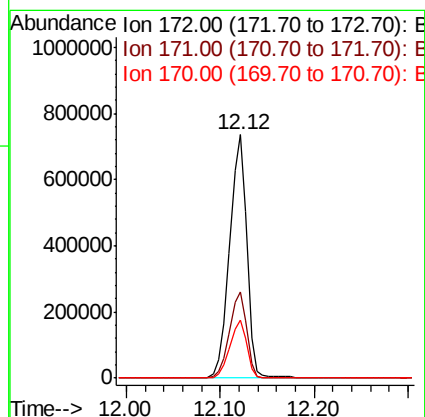
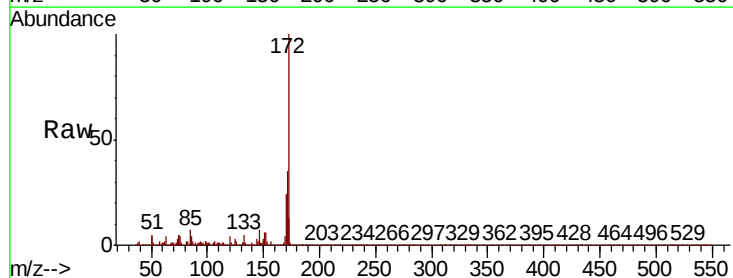
Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-1

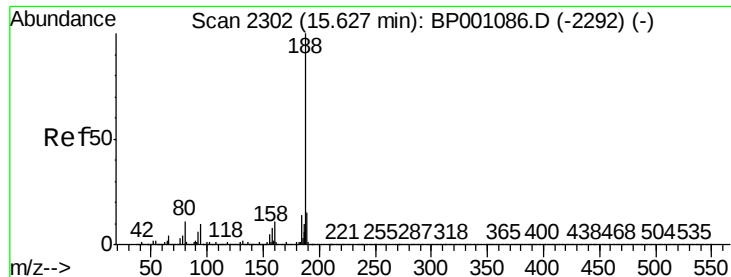
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	79.1	118.7
141	45.3	35.9	53.9



#45
2-Fluorobiphenyl
Concen: 107.060 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001310.D
Acq: 11 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.7	43.1
170	24.0	19.2	28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2297

Delta R.T. -0.01 min

Lab File: BP001310.D

Acq: 11 Dec 2019 14:26

Instrument :

BNA_P

ClientSampleId :

K072-AA-WC-1

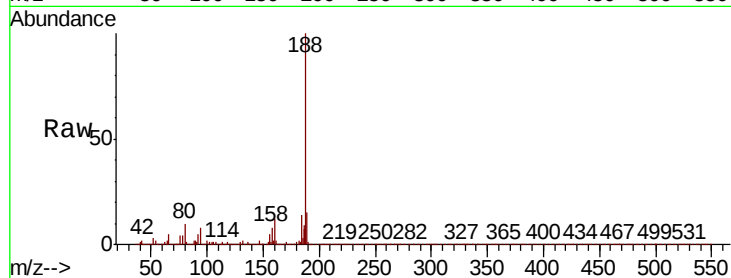
Tot Ion:188 Resp: 249377

Ion Ratio Lower Upper

188 100

94 8.4 7.1 10.7

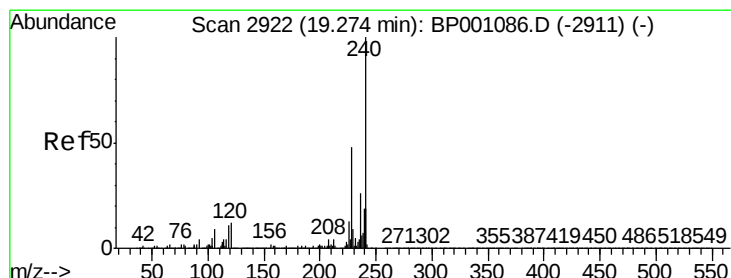
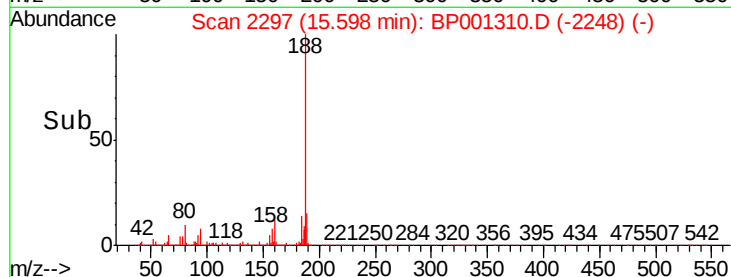
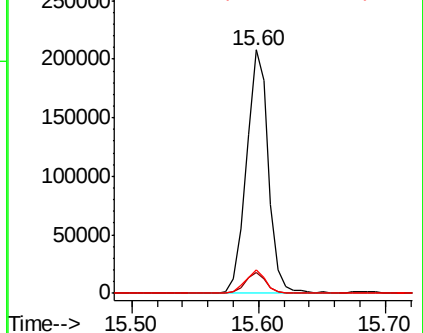
80 9.6 7.8 11.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.24 min Scan# 2916

Delta R.T. -0.02 min

Lab File: BP001310.D

Acq: 11 Dec 2019 14:26

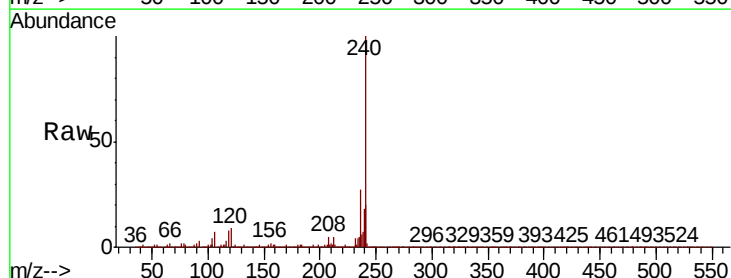
Tgt Ion:240 Resp: 189730

Ion Ratio Lower Upper

240 100

120 9.4 7.0 10.6

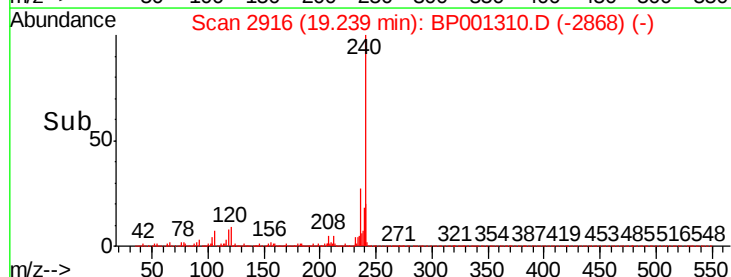
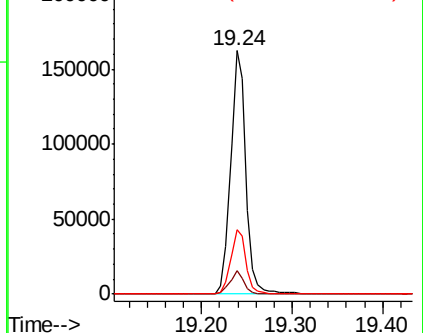
236 26.7 21.7 32.5

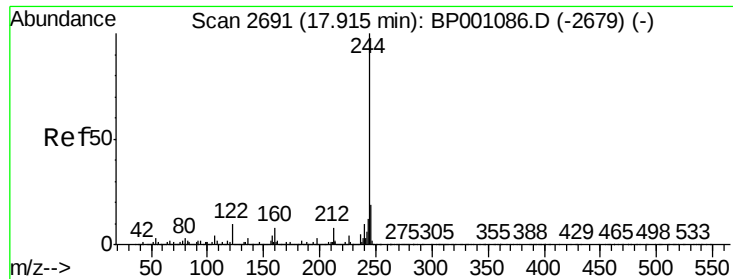


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 116.519 ng

RT: 17.89 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BP001310.D

Acq: 11 Dec 2019 14:26

Instrument :

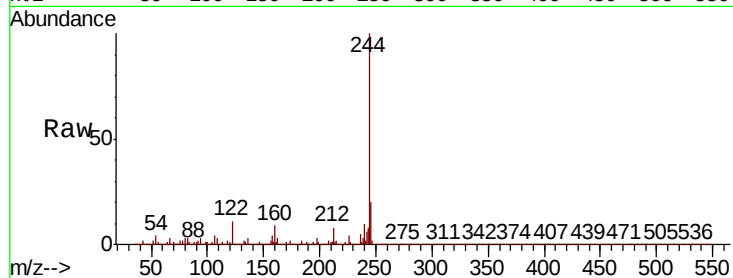
BNA_P

ClientSampleId :

K072-AA-WC-1

Tot Ion:244 Resp: 1194918

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.6	9.8
122	10.5	9.2	13.8

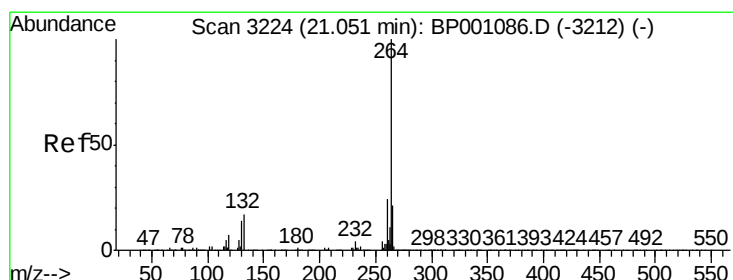
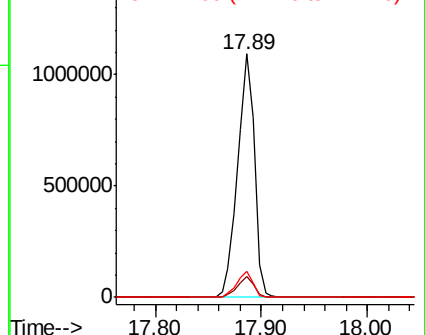
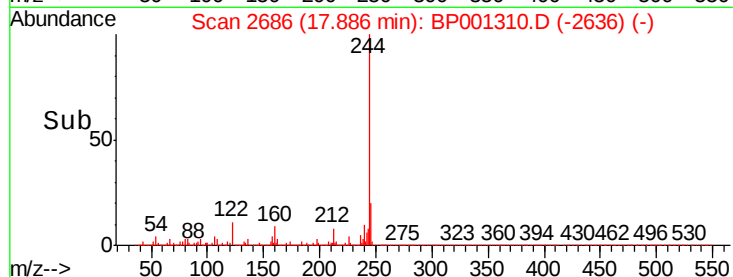


Abundance

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



#87

Perylene-d12

Concen: 20.000 ng

RT: 21.02 min Scan# 3218

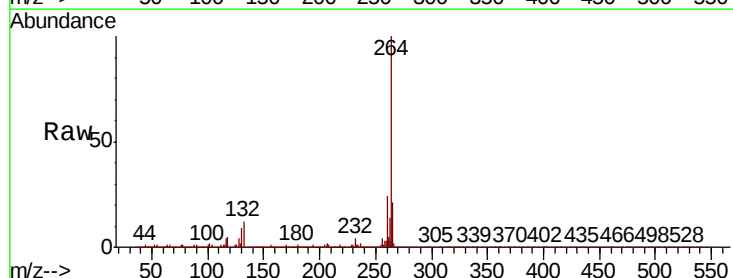
Delta R.T. -0.01 min

Lab File: BP001310.D

Acq: 11 Dec 2019 14:26

Tgt Ion:264 Resp: 193020

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	20.8	17.1	25.7



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

