

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120719\
 Data File : BP001262.D
 Acq On : 07 Dec 2019 19:04
 Operator : JU
 Sample : K6147-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P001-WC007

Quant Time: Dec 09 02:35:43 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	8.31	152	76679	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	283159	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	160379	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	312652	20.00	ng	0.00
76) Chrysene-d12	19.24	240	249627	20.00	ng	-0.02
87) Perylene-d12	21.02	264	256853	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	585752	126.74	ng	0.02
7) Phenol-d6	7.76	99	740381	120.24	ng	0.00
23) Nitrobenzene-d5	9.19	82	607598	93.10	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	241519	157.11	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	1007382	91.93	ng	-0.01
79) Terphenyl-d14	17.89	244	1312949	97.31	ng	0.00

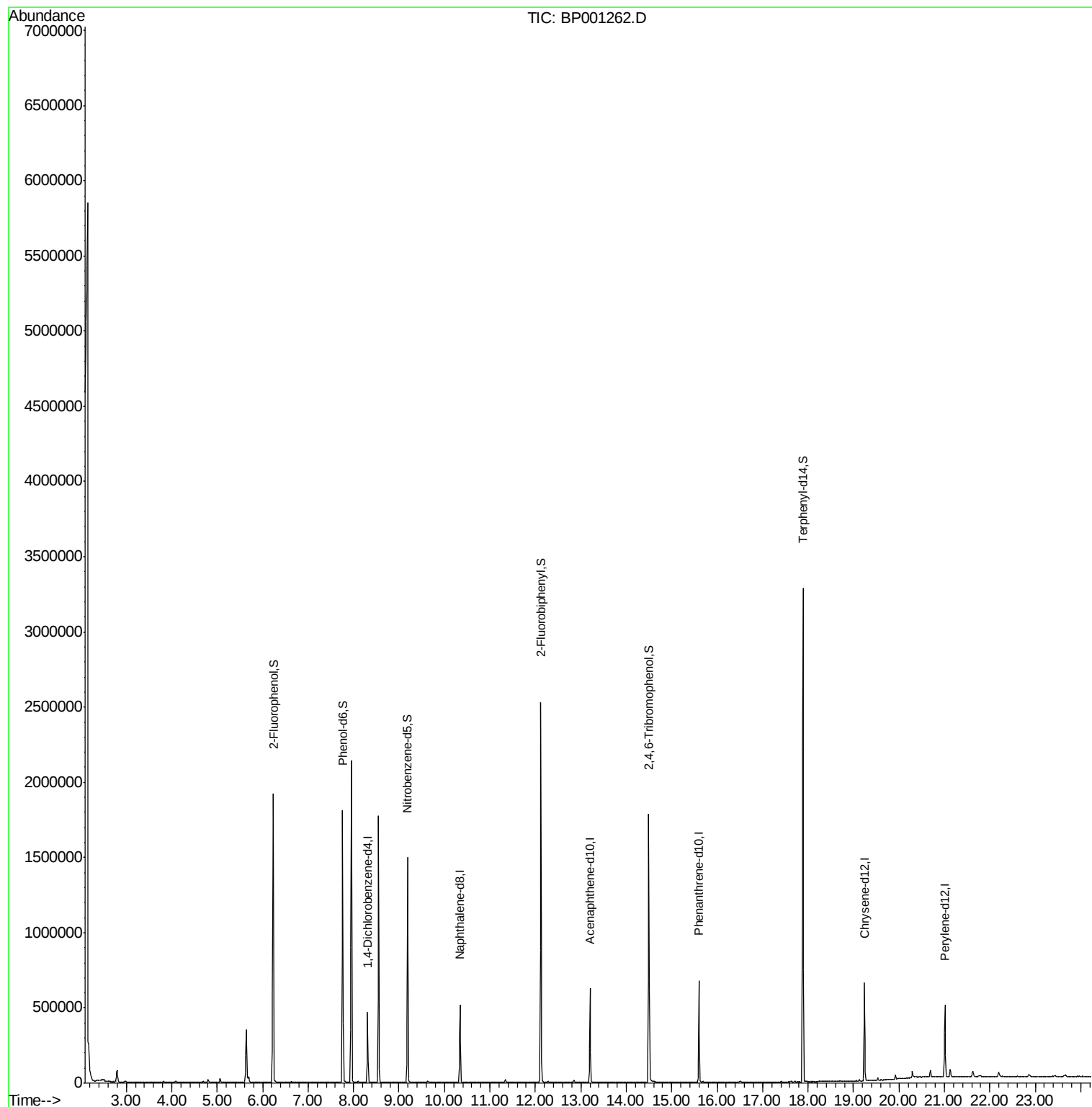
Target Compounds Qvalue

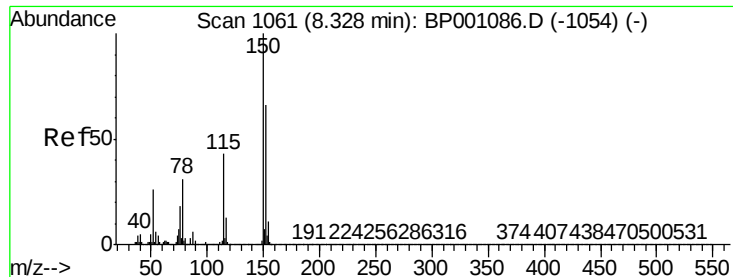
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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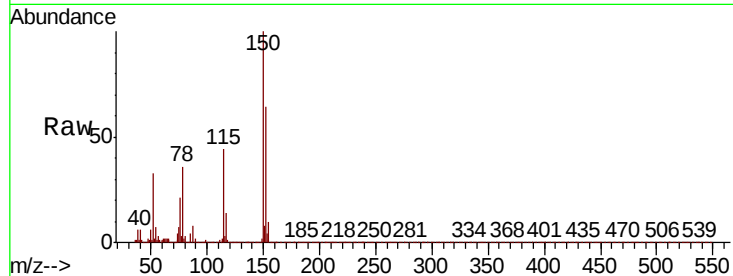




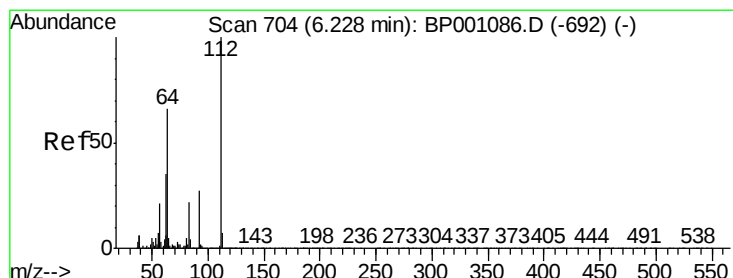
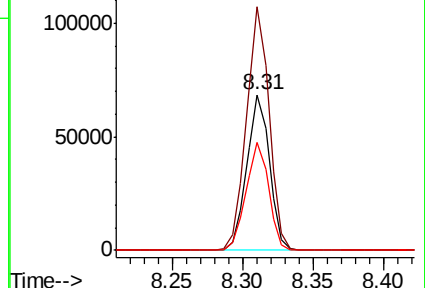
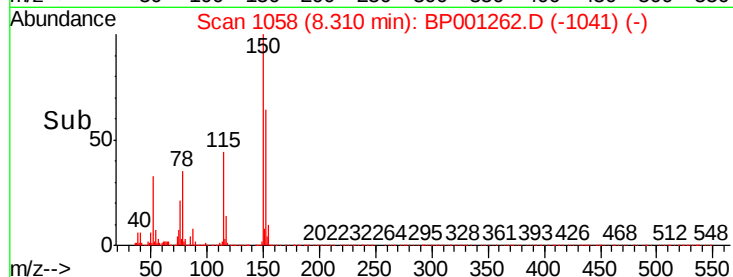
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BP001262.D
 Acq: 07 Dec 2019 19:04

Instrument :
 BNA_P
 ClientSampleId :
 P001-WC007

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	127.3	190.9
115	69.4	56.0	84.0

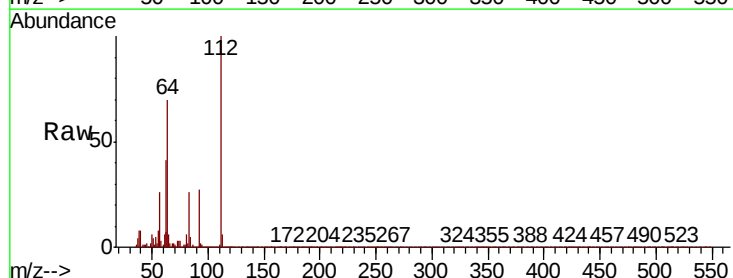


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

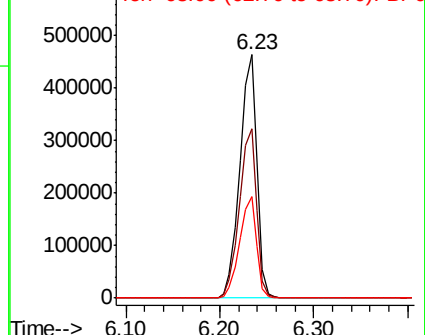
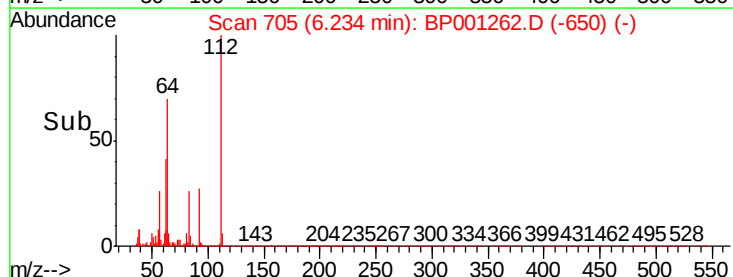


#5
 2-Fluorophenol
 Concen: 126.737 ng
 RT: 6.23 min Scan# 705
 Delta R.T. 0.02 min
 Lab File: BP001262.D
 Acq: 07 Dec 2019 19:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.5	56.8	85.2
63	41.5	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: 120.244 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BP001262.D

Acq: 07 Dec 2019 19:04

Instrument :

BNA_P

ClientSampleId :

P001-WC007

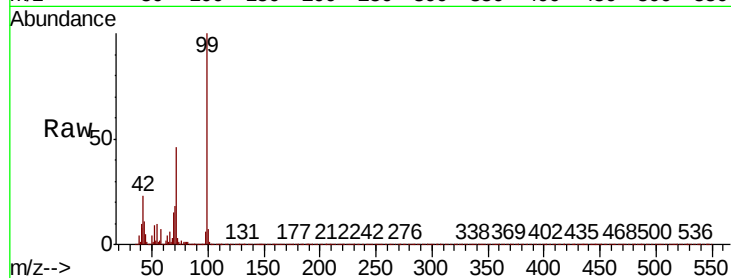
Tot Ion: 99 Resp: 740381

Ion Ratio Lower Upper

99 100

42 23.5 17.6 26.4

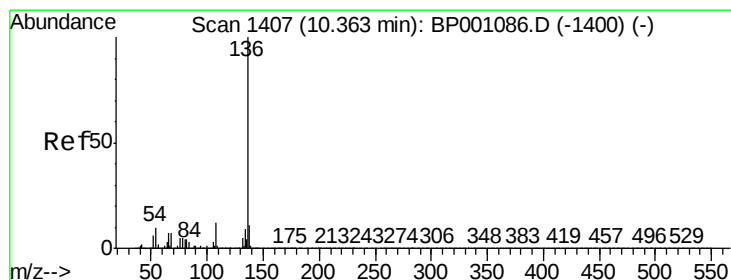
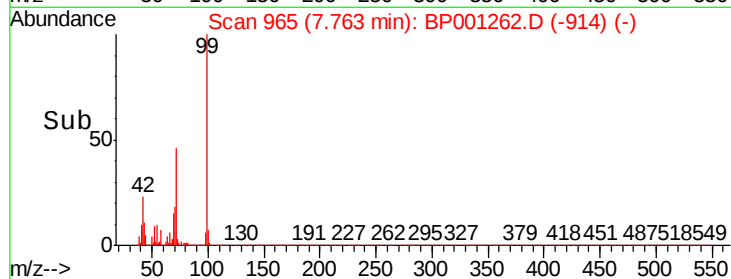
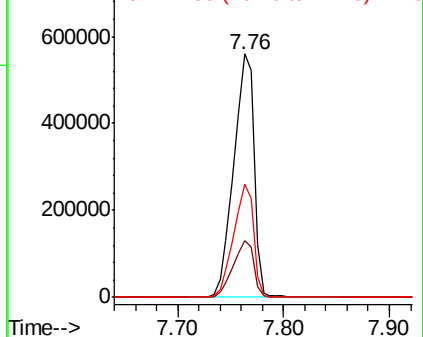
71 46.4 33.8 50.8



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: 10.35 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BP001262.D

Acq: 07 Dec 2019 19:04

Tgt Ion: 136 Resp: 283159

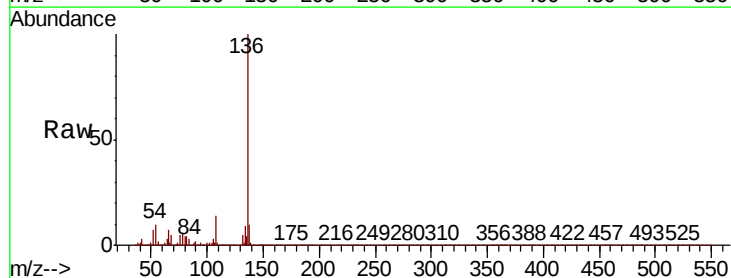
Ion Ratio Lower Upper

136 100

137 10.4 8.4 12.6

54 9.8 7.4 11.0

68 5.2 4.6 7.0

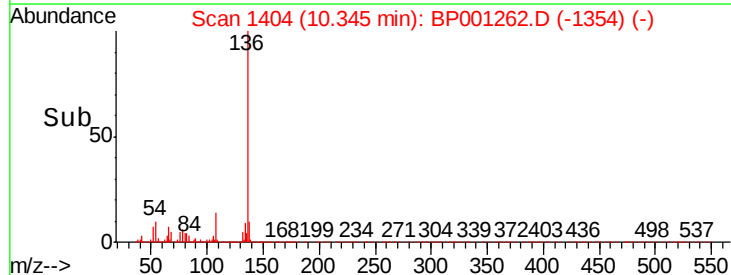
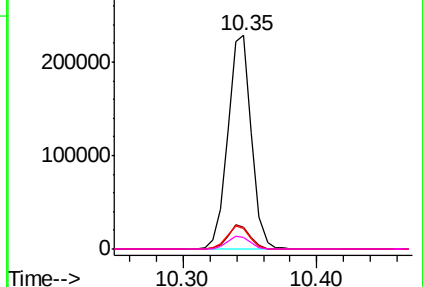


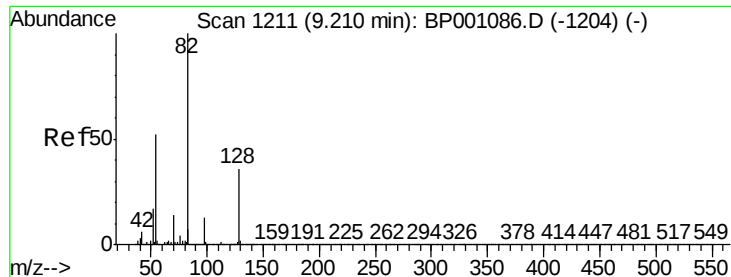
Abundance Ion 136.00 (135.70 to 136.70): E

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

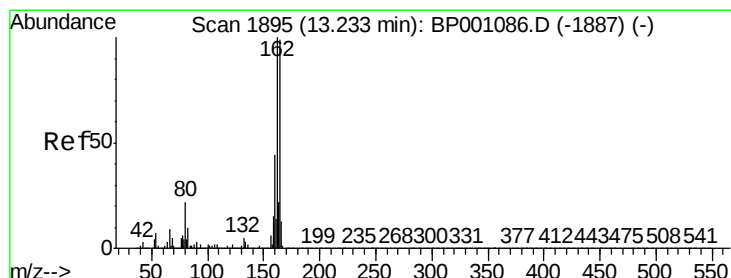
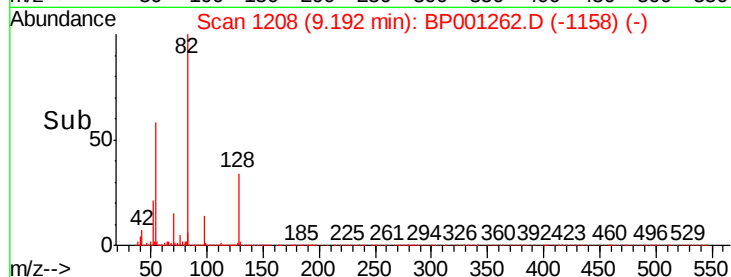
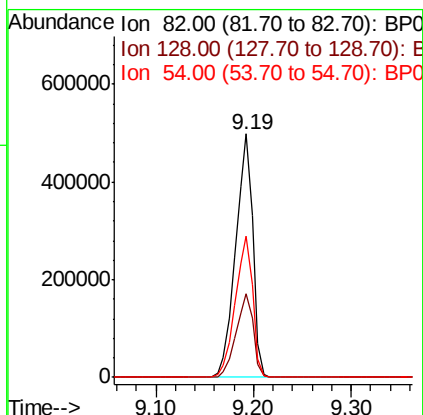
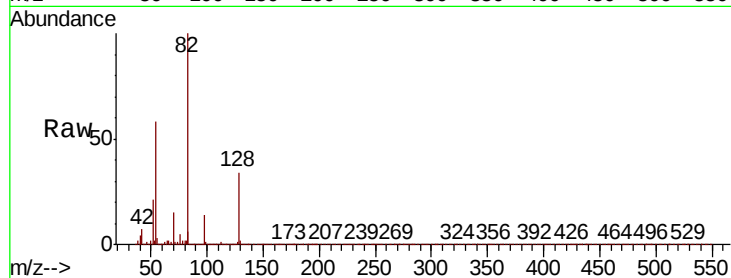




#23
 Nitrobenzene-d5
 Concen: 93.097 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BP001262.D
 Acq: 07 Dec 2019 19:04

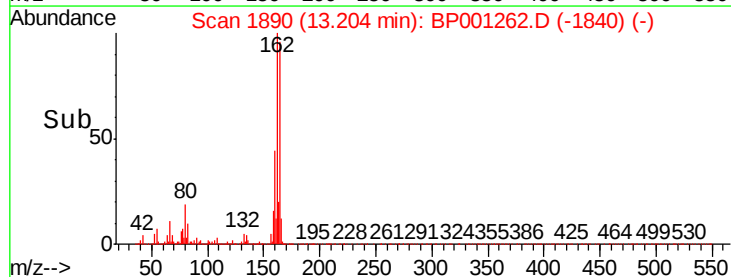
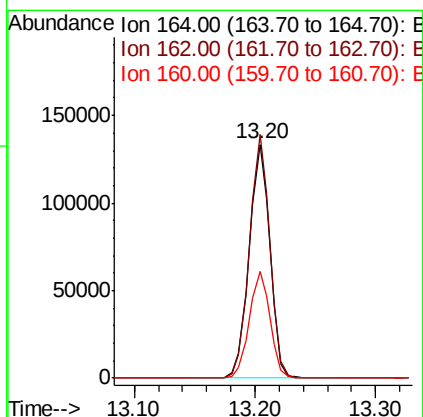
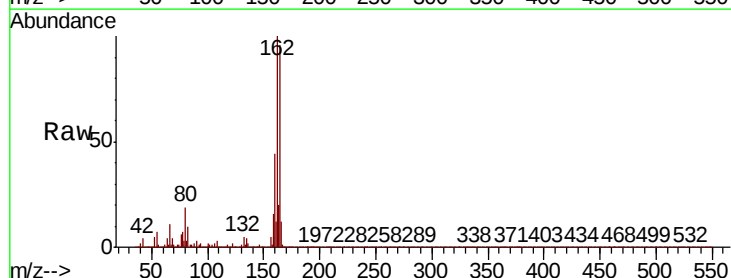
Instrument :
 BNA_P
 ClientSampleId :
 P001-WC007

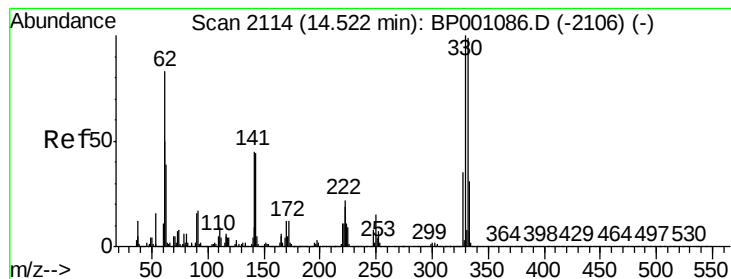
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.3	27.5	41.3
54	58.1	45.7	68.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.20 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: BP001262.D
 Acq: 07 Dec 2019 19:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	80.7	121.1
160	45.5	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 157.113 ng

RT: 14.50 min Scan# 2111

Delta R.T. -0.00 min

Lab File: BP001262.D

Acq: 07 Dec 2019 19:04

Instrument :

BNA_P

ClientSampleId :

P001-WC007

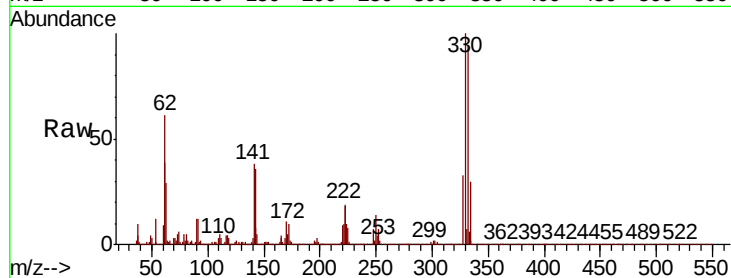
Tot Ion:330 Resp: 241519

Ion Ratio Lower Upper

330 100

332 96.6 79.1 118.7

141 44.4 35.9 53.9

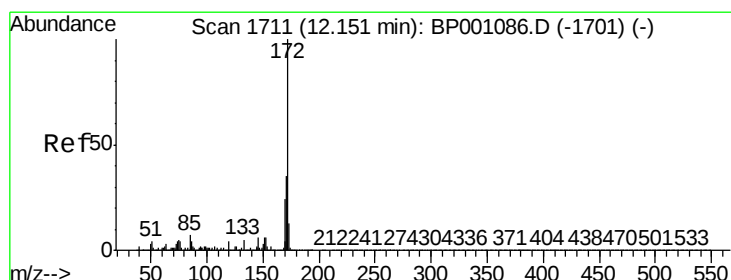
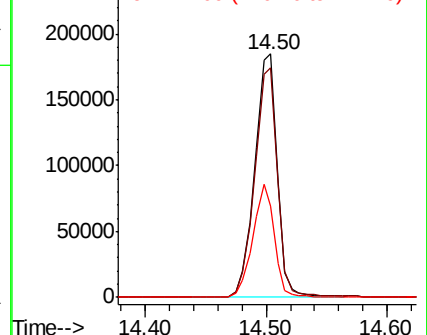
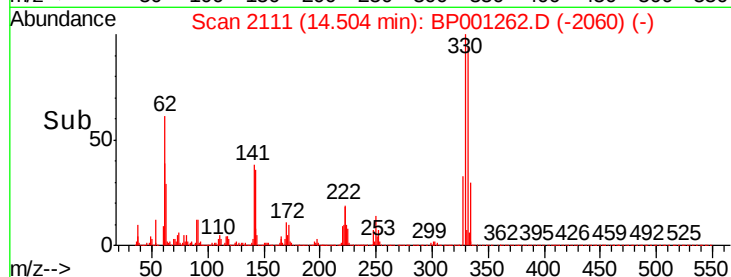


Abundance

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: 91.931 ng

RT: 12.12 min Scan# 1706

Delta R.T. -0.01 min

Lab File: BP001262.D

Acq: 07 Dec 2019 19:04

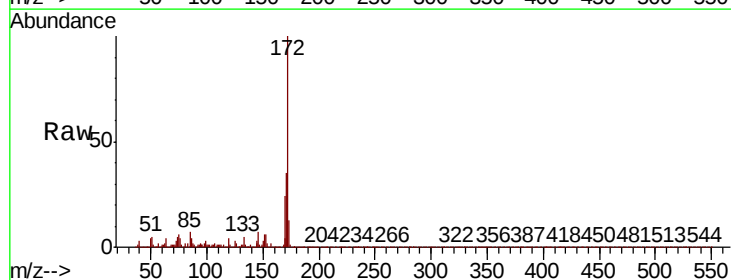
Tgt Ion:172 Resp: 1007382

Ion Ratio Lower Upper

172 100

171 35.0 28.7 43.1

170 23.6 19.2 28.8

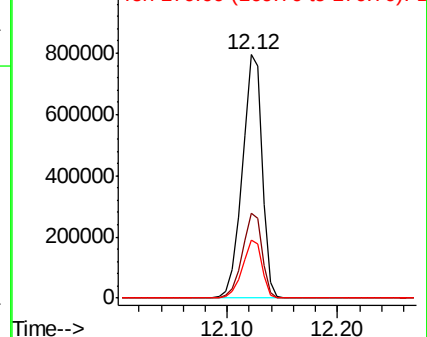
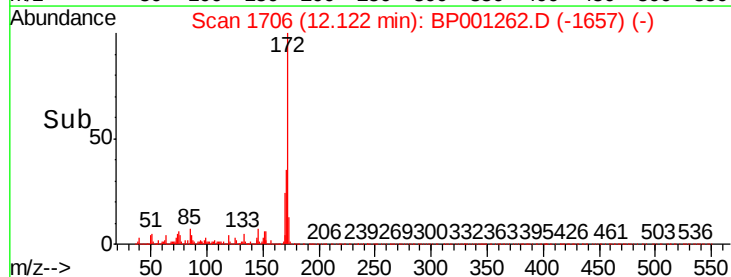


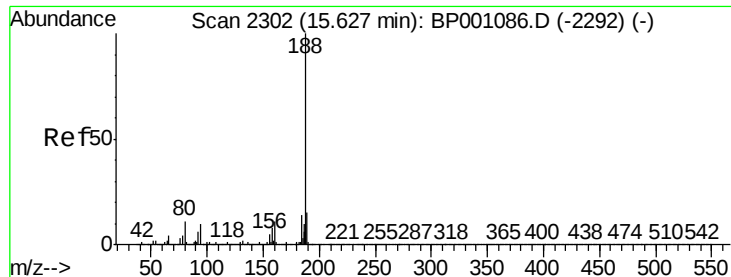
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2298

Delta R.T. -0.01 min

Lab File: BP001262.D

Acq: 07 Dec 2019 19:04

Instrument :

BNA_P

ClientSampleId :

P001-WC007

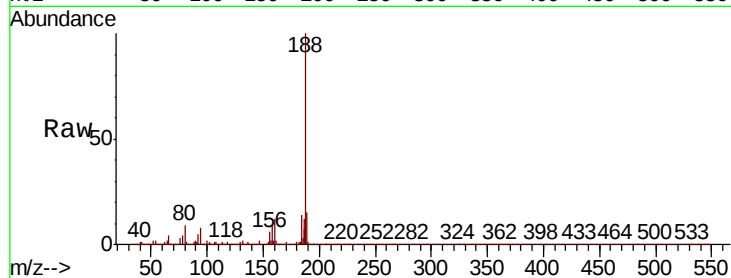
Tot Ion:188 Resp: 312652

Ion Ratio Lower Upper

188 100

94 8.1 7.1 10.7

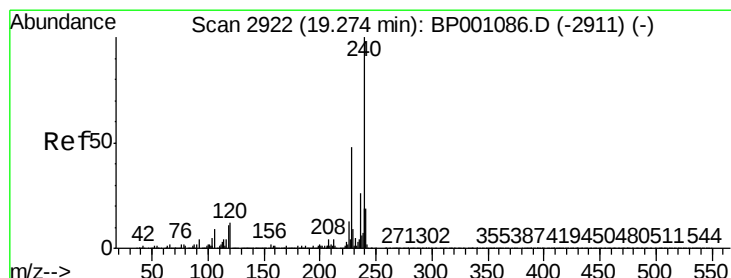
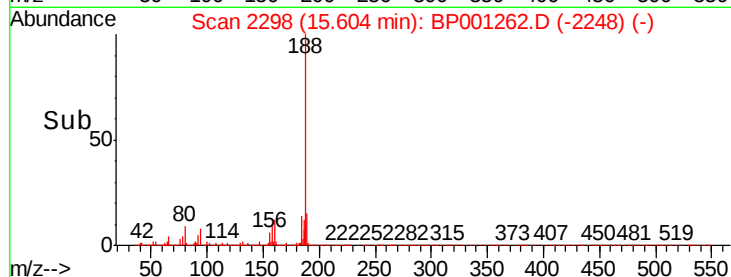
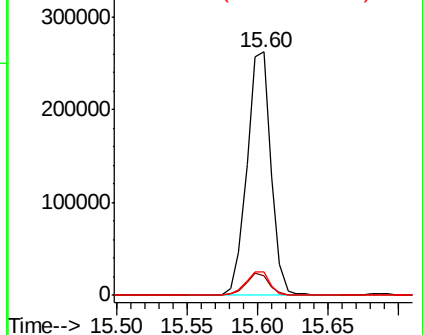
80 9.5 7.8 11.6



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: BP001262.D

Acq: 07 Dec 2019 19:04

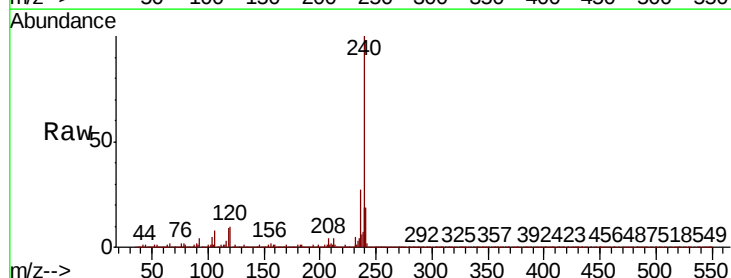
Tgt Ion:240 Resp: 249627

Ion Ratio Lower Upper

240 100

120 9.6 7.0 10.6

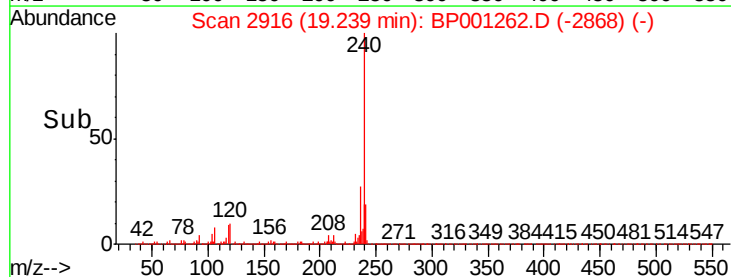
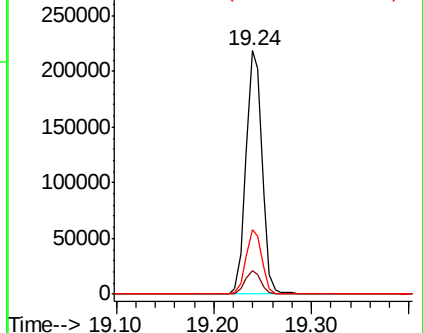
236 26.6 21.7 32.5

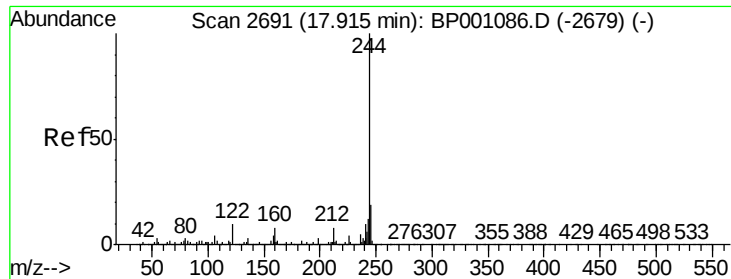


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 97.308 ng

RT: 17.89 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BP001262.D

Acq: 07 Dec 2019 19:04

Instrument :

BNA_P

ClientSampleId :

P001-WC007

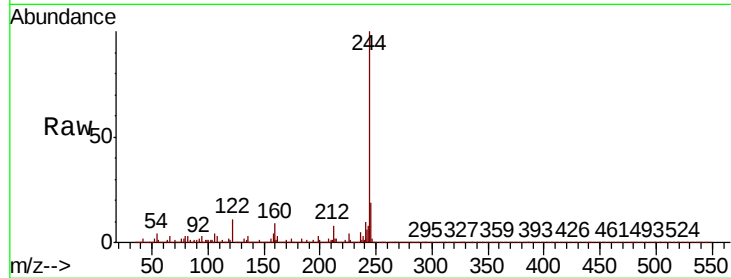
Tot Ion:244 Resp: 1312949

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

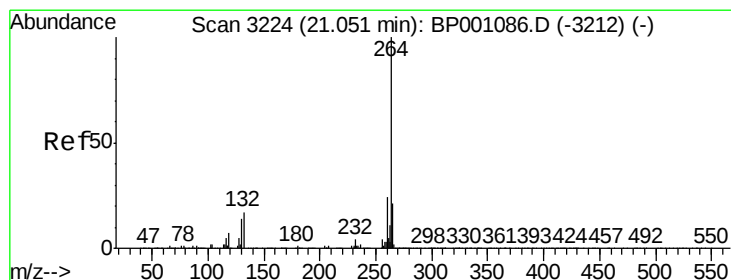
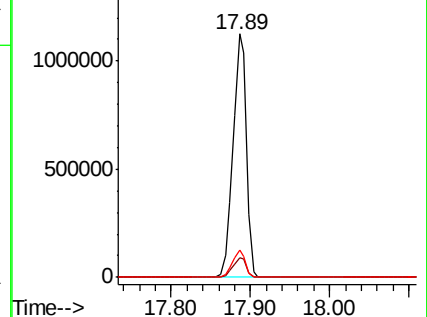
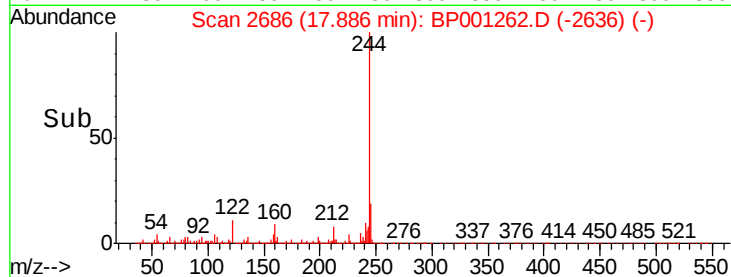
122 11.2 9.2 13.8



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: BP001262.D

Acq: 07 Dec 2019 19:04

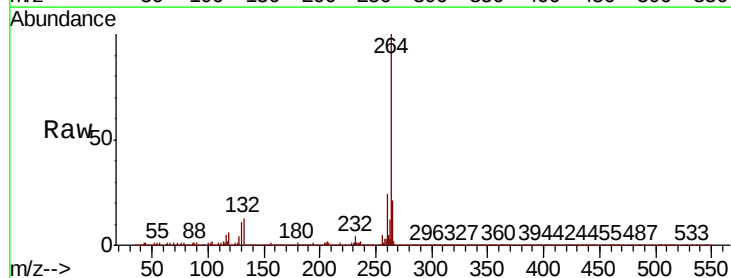
Tgt Ion:264 Resp: 256853

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

265 20.9 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

