

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
 Data File : BP001041.D
 Acq On : 15 Nov 2019 15:16
 Operator : JU
 Sample : PB124796BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB124796BL

Quant Time: Nov 15 16:39:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:07:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	222372	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	805300	20.00	ng	-0.01
39) Acenaphthene-d10	13.26	164	481581	20.00	ng	-0.01
64) Phenanthrene-d10	15.65	188	1030454	20.00	ng	0.00
76) Chrysene-d12	19.29	240	976065	20.00	ng	-0.01
87) Perylene-d12	21.07	264	1060293	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	1248023	102.15	ng	0.01
7) Phenol-d6	7.82	99	1610210	104.23	ng	0.00
23) Nitrobenzene-d5	9.25	82	1006789	69.16	ng	-0.01
42) 2,4,6-Tribromophenol	14.55	330	708183	123.18	ng	0.00
45) 2-Fluorobiphenyl	12.18	172	2287641	71.54	ng	-0.01
79) Terphenyl-d14	17.93	244	3511054	71.55	ng	0.00

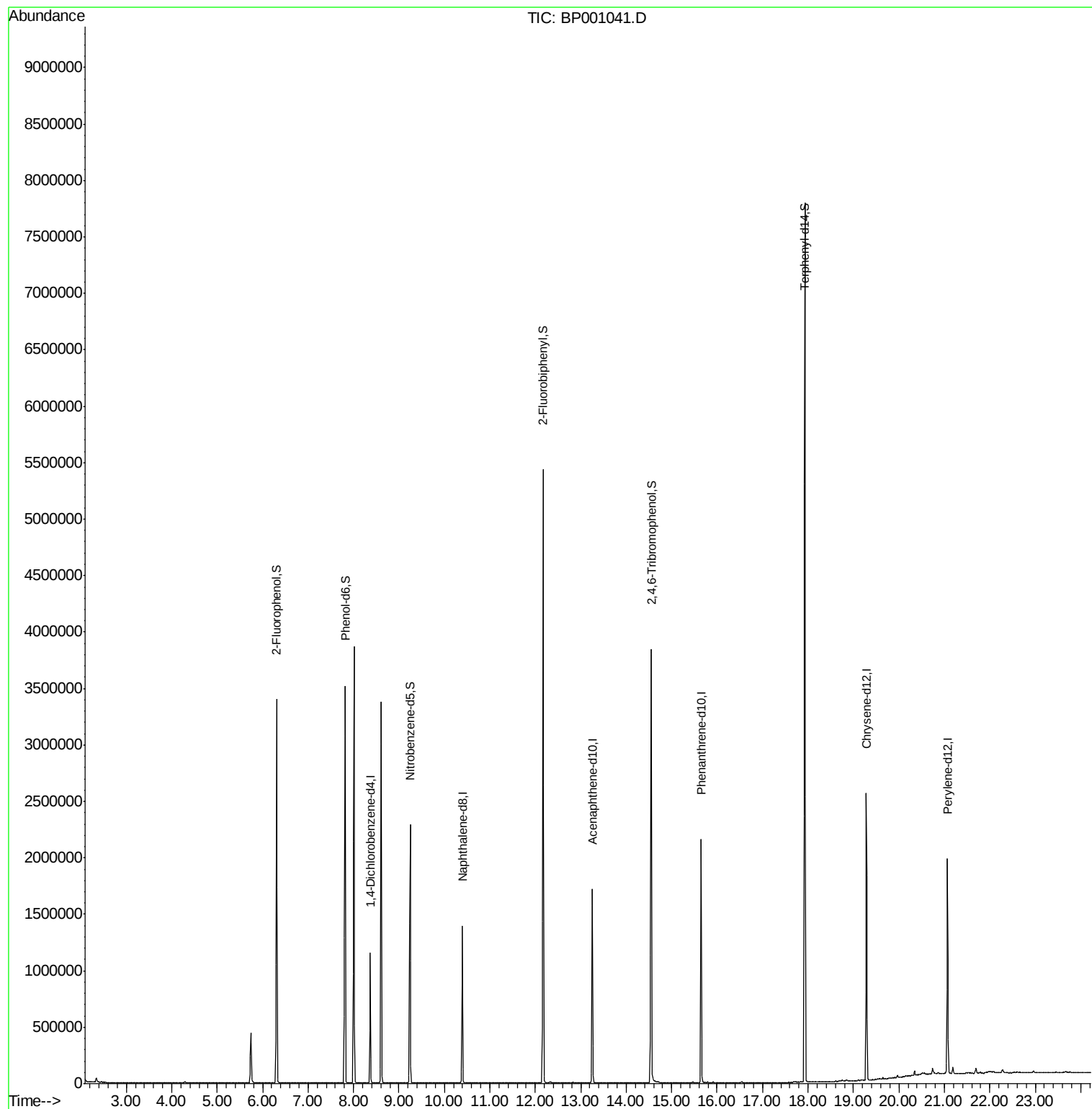
Target Compounds Qvalue

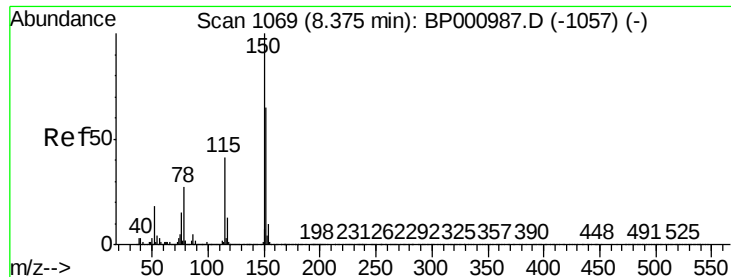
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.37 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BP001041.D

Acq: 15 Nov 2019 15:16

Instrument :

BNA_P

ClientSampleId :

PB124796BL

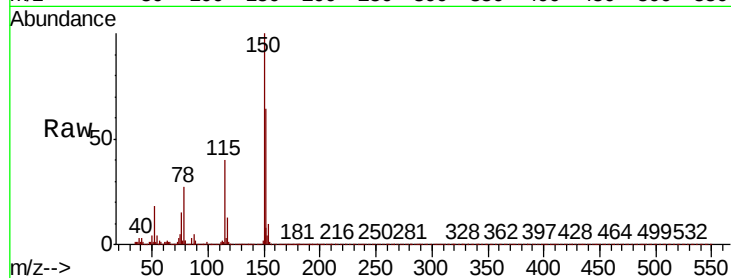
Tot Ion:152 Resp: 222372

Ion Ratio Lower Upper

152 100

150 155.0 123.6 185.4

115 62.2 50.1 75.1



Abundance

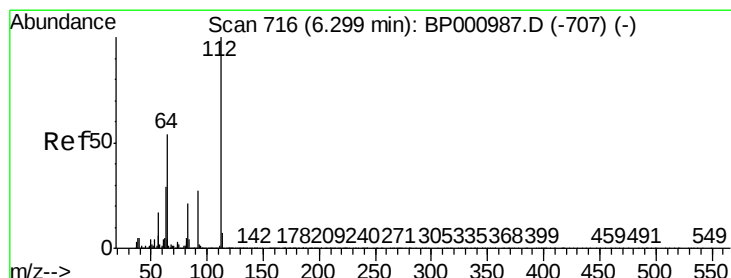
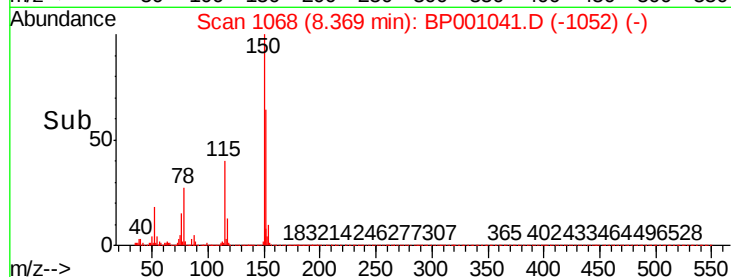
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

8.37

Time-->



#5

2-Fluorophenol

Concen: 102.154 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BP001041.D

Acq: 15 Nov 2019 15:16

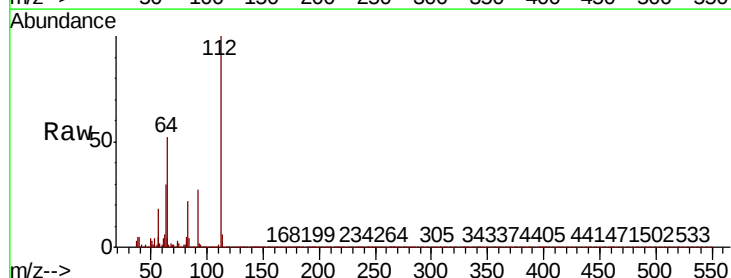
Tgt Ion:112 Resp: 1248023

Ion Ratio Lower Upper

112 100

64 51.5 43.4 65.0

63 29.7 23.4 35.0



Abundance

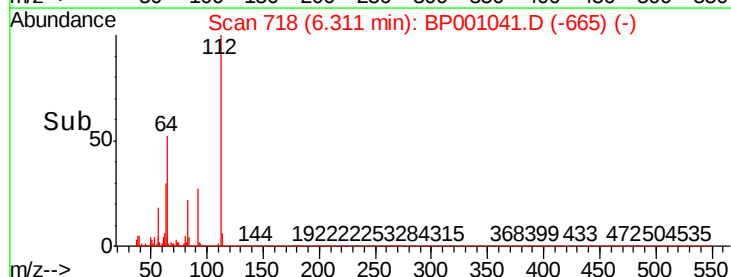
Ion 112.00 (111.70 to 112.70): E

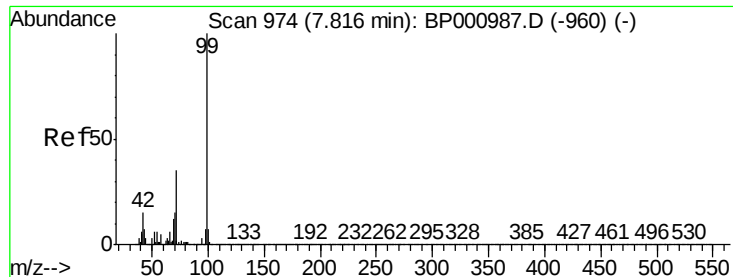
Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0

6.31

Time-->





#7

Phenol-d6

Concen: 104.226 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BP001041.D

Acq: 15 Nov 2019 15:16

Instrument :

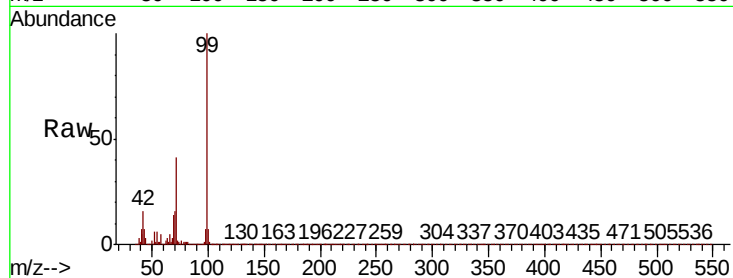
BNA_P

ClientSampleId :

PB124796BL

Tot Ion: 99 Resp: 1610210

Ion	Ratio	Lower	Upper
99	100		
42	15.6	11.6	17.4
71	40.5	28.0	42.0

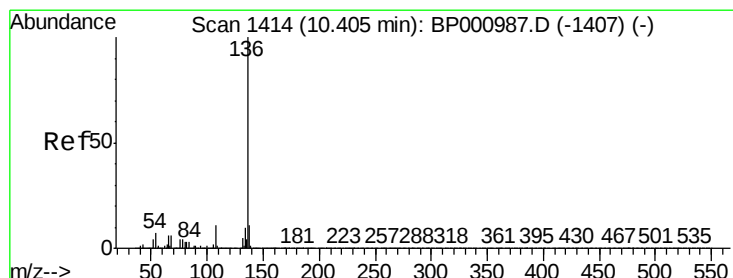
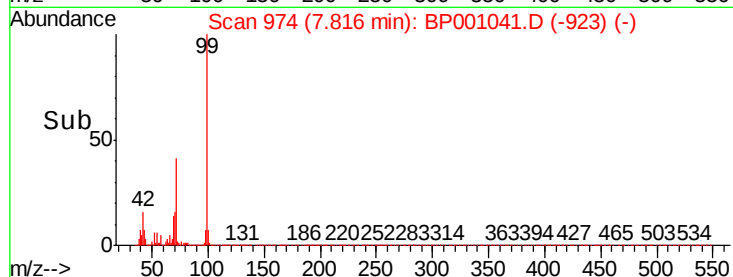
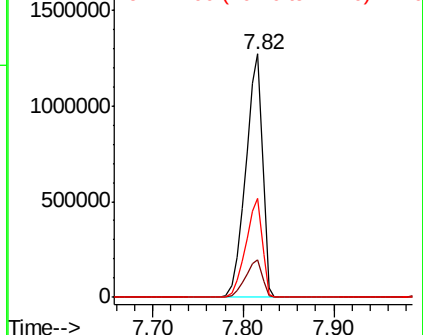


Abundance

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: 10.39 min Scan# 1412

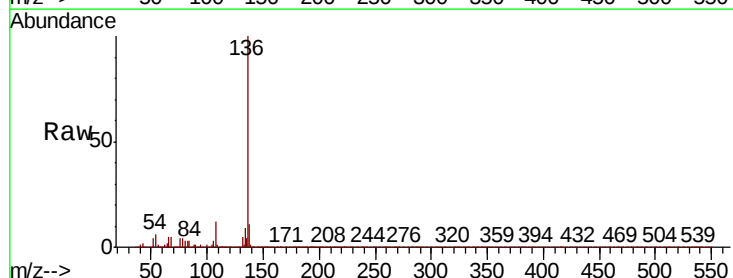
Delta R.T. -0.01 min

Lab File: BP001041.D

Acq: 15 Nov 2019 15:16

Tgt Ion: 136 Resp: 805300

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	6.4	5.4	8.2
68	4.7	4.7	7.1



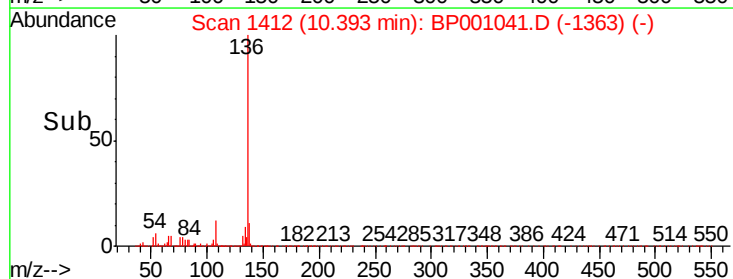
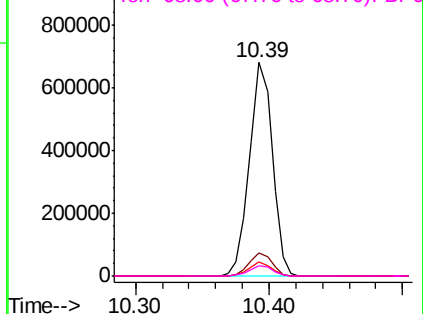
Abundance

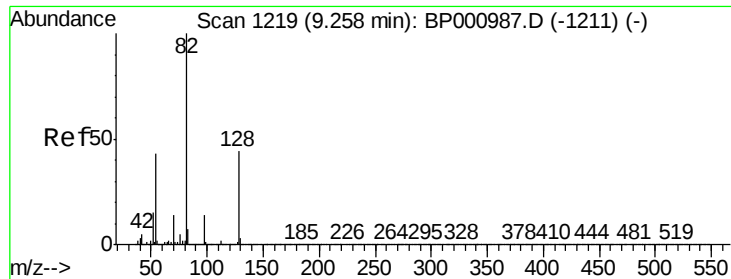
Ion 136.00 (135.70 to 136.70): E

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

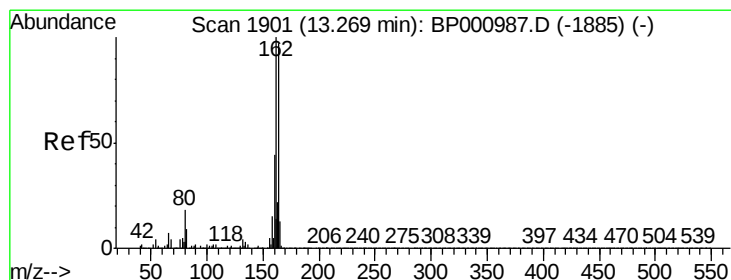
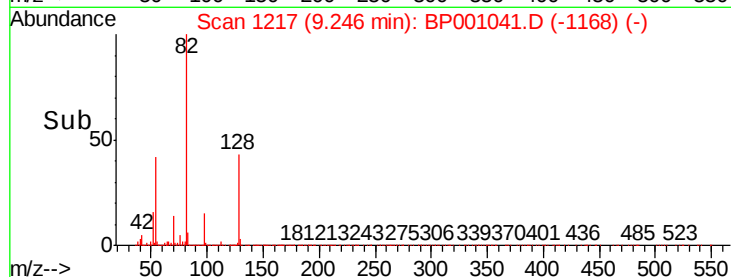
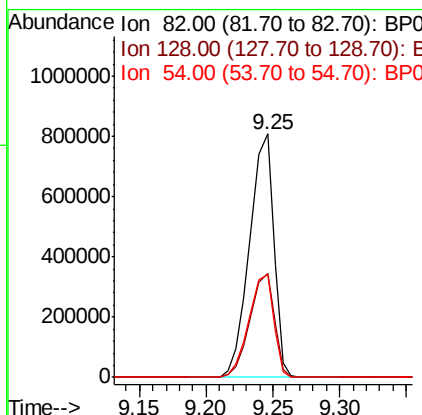
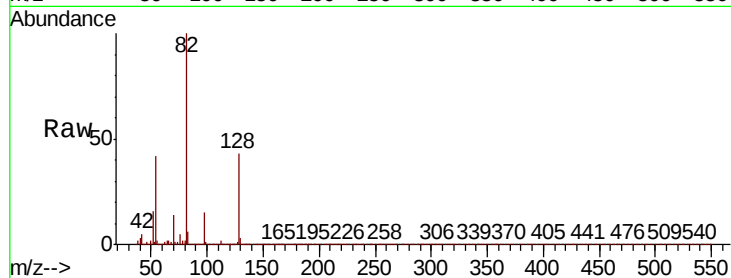




#23
Nitrobenzene-d5
Concen: 69.157 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BP001041.D
Acq: 15 Nov 2019 15:16

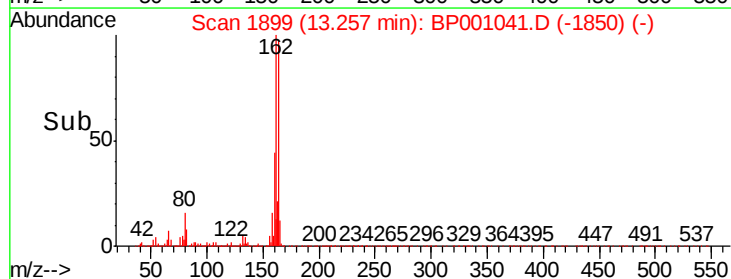
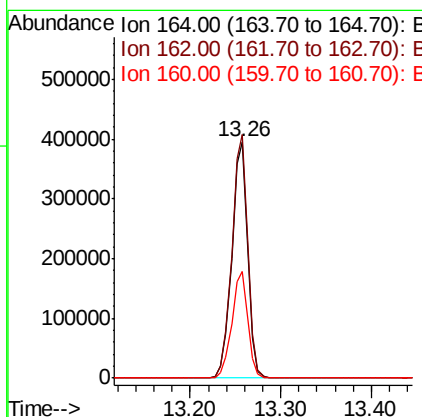
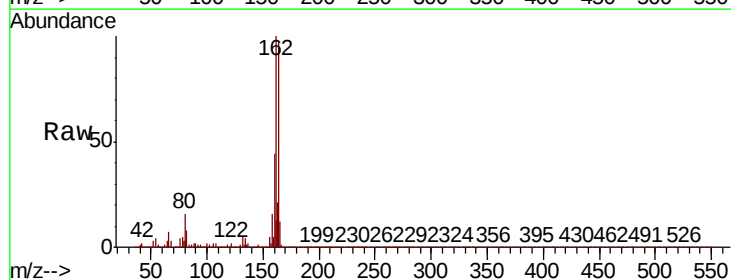
Instrument :
BNA_P
ClientSampleId :
PB124796BL

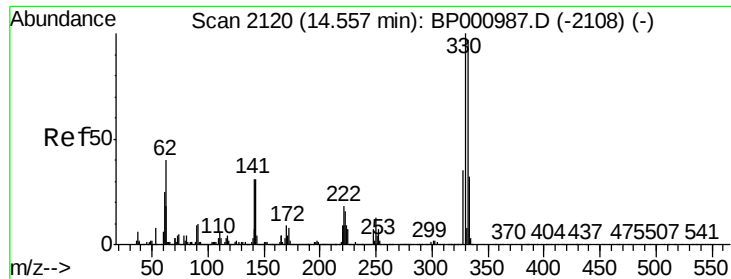
Tot Ion: 82 Resp: 1006789
Ion Ratio Lower Upper
82 100
128 43.0 35.3 52.9
54 42.1 34.3 51.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BP001041.D
Acq: 15 Nov 2019 15:16

Tgt Ion:164 Resp: 481581
Ion Ratio Lower Upper
164 100
162 103.1 82.6 123.8
160 45.0 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 123.184 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BP001041.D

Acq: 15 Nov 2019 15:16

Instrument :

BNA_P

ClientSampleId :

PB124796BL

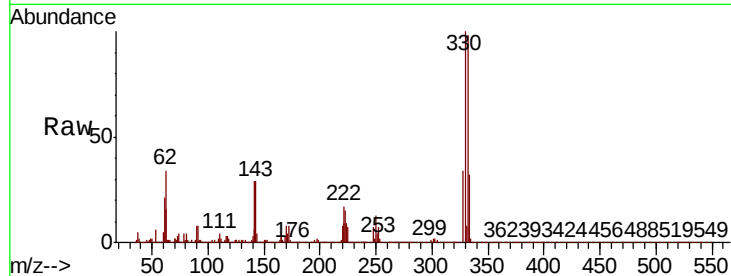
Tot Ion:330 Resp: 708183

Ion Ratio Lower Upper

330 100

332 97.8 78.3 117.5

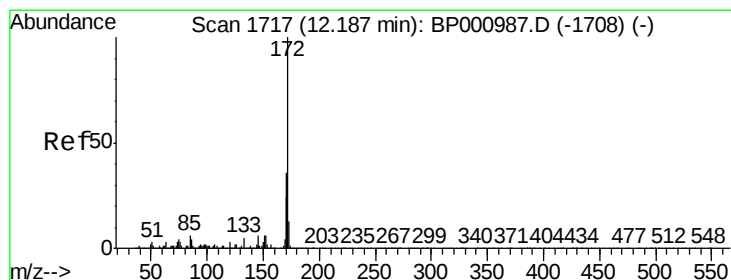
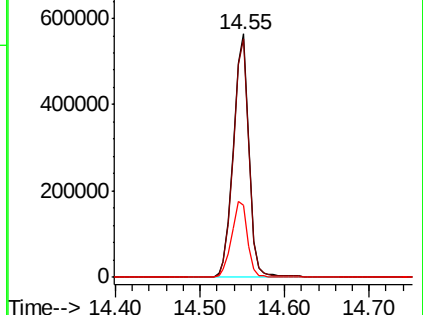
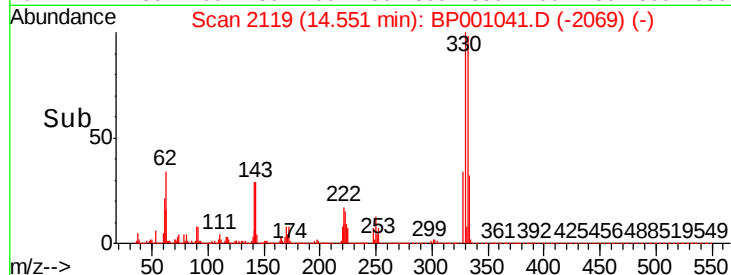
141 32.0 25.0 37.4



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: 71.543 ng

RT: 12.18 min Scan# 1715

Delta R.T. -0.01 min

Lab File: BP001041.D

Acq: 15 Nov 2019 15:16

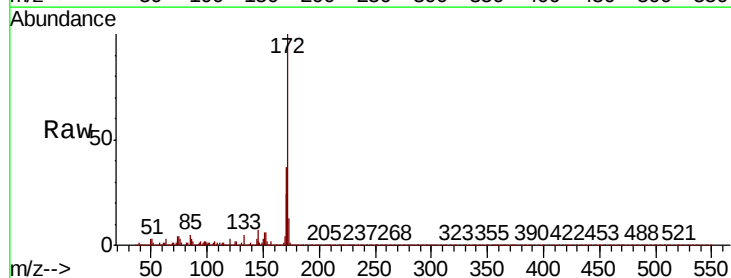
Tgt Ion:172 Resp: 2287641

Ion Ratio Lower Upper

172 100

171 36.8 28.5 42.7

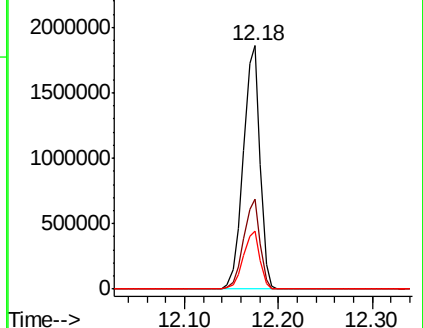
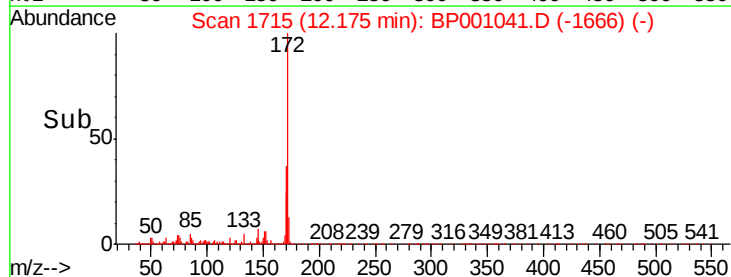
170 23.6 18.9 28.3

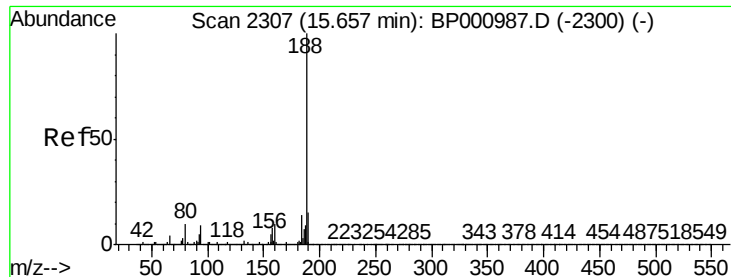


Abundance Ion 172.00 (171.70 to 172.70): E

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: 15.65 min Scan# 2306

Delta R.T. -0.01 min

Lab File: BP001041.D

Acq: 15 Nov 2019 15:16

Instrument :

BNA_P

ClientSampleId :

PB124796BL

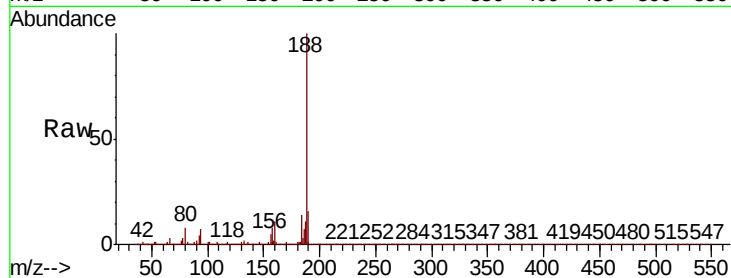
Tot Ion:188 Resp: 1030454

Ion Ratio Lower Upper

188 100

94 7.3 7.4 11.2#

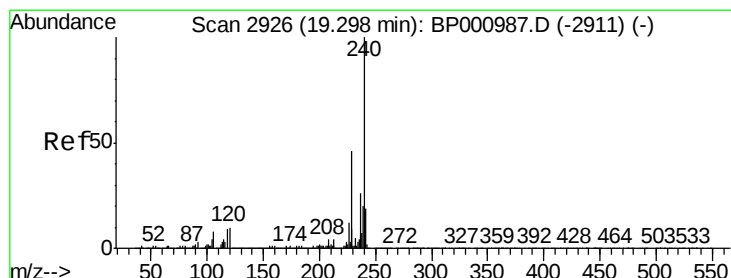
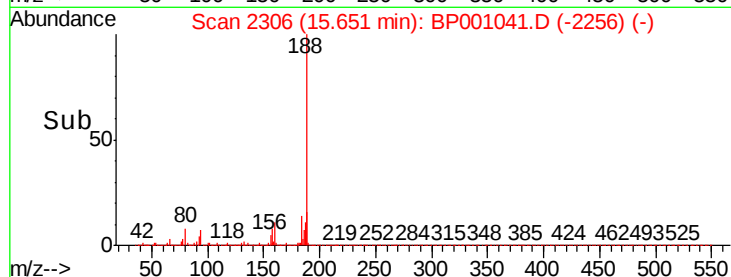
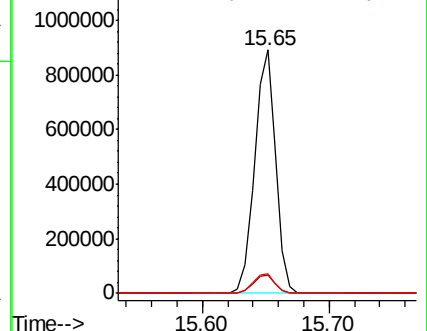
80 8.0 7.9 11.9



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: 19.29 min Scan# 2924

Delta R.T. -0.01 min

Lab File: BP001041.D

Acq: 15 Nov 2019 15:16

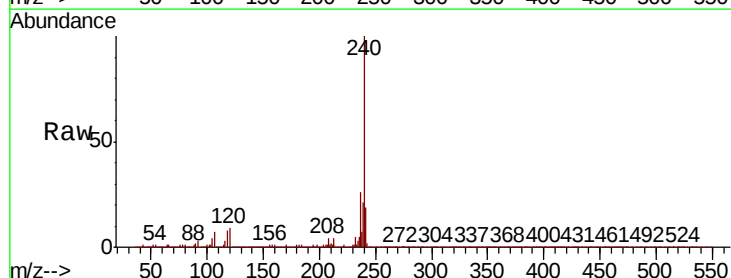
Tgt Ion:240 Resp: 976065

Ion Ratio Lower Upper

240 100

120 8.7 8.2 12.2

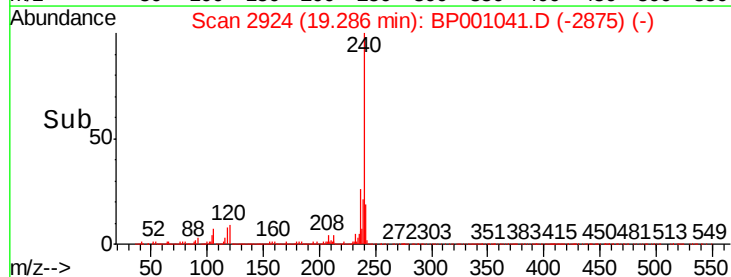
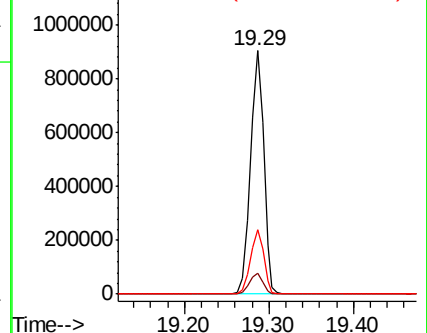
236 26.2 20.5 30.7

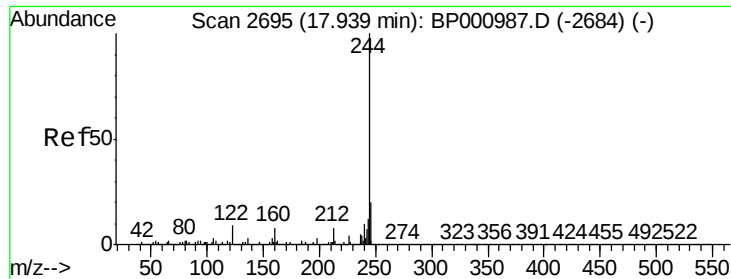


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 71.553 ng

RT: 17.93 min Scan# 2694

Delta R.T. -0.01 min

Lab File: BP001041.D

Acq: 15 Nov 2019 15:16

Instrument :

BNA_P

ClientSampleId :

PB124796BL

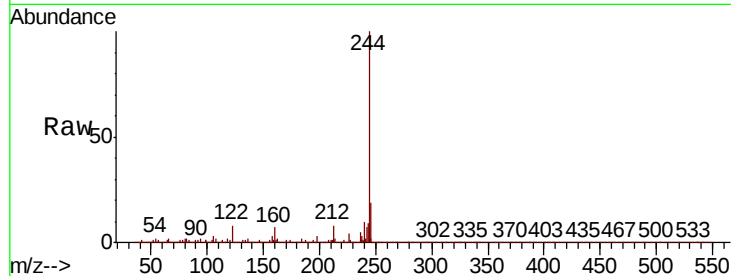
Tot Ion:244 Resp: 3511054

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

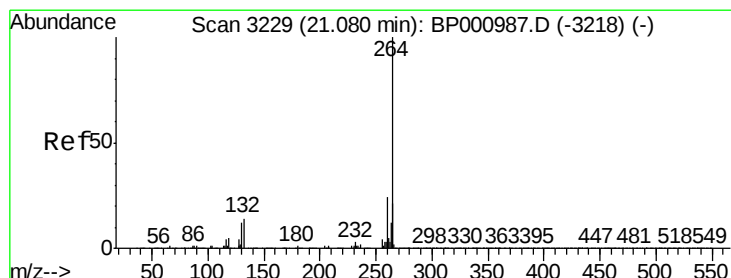
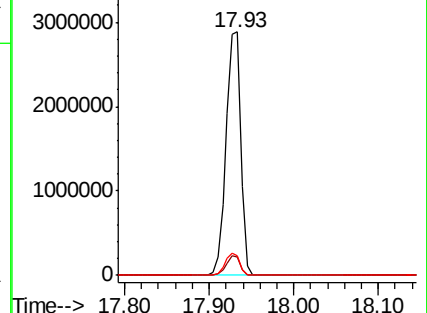
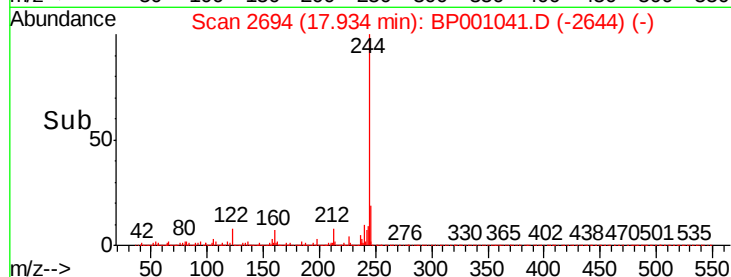
122 7.9 7.4 11.2



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: 21.07 min Scan# 3227

Delta R.T. -0.01 min

Lab File: BP001041.D

Acq: 15 Nov 2019 15:16

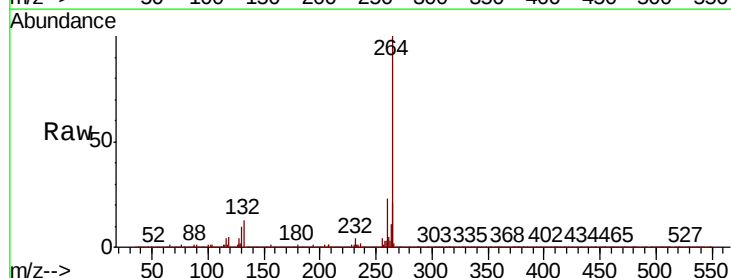
Tgt Ion:264 Resp: 1060293

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.2 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

