

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP110719\
 Data File : BP000995.D
 Acq On : 07 Nov 2019 10:09
 Operator : JU
 Sample : PB124565BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB124565BL

Quant Time: Nov 07 12:07:16 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	8.38	152	261104	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	969027	20.00	ng	0.00
39) Acenaphthene-d10	13.26	164	581973	20.00	ng	0.00
64) Phenanthrene-d10	15.66	188	1223338	20.00	ng	0.00
76) Chrysene-d12	19.29	240	1114035	20.00	ng	0.00
87) Perylene-d12	21.08	264	1245123	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	2073296	144.53	ng	0.01
7) Phenol-d6	7.82	99	2704648	149.10	ng	0.00
23) Nitrobenzene-d5	9.25	82	1633432	93.24	ng	0.00
42) 2,4,6-Tribromophenol	14.56	330	1015193	146.12	ng	0.00
45) 2-Fluorobiphenyl	12.18	172	3589542	92.89	ng	0.00
79) Terphenyl-d14	17.94	244	5107504	91.20	ng	0.00

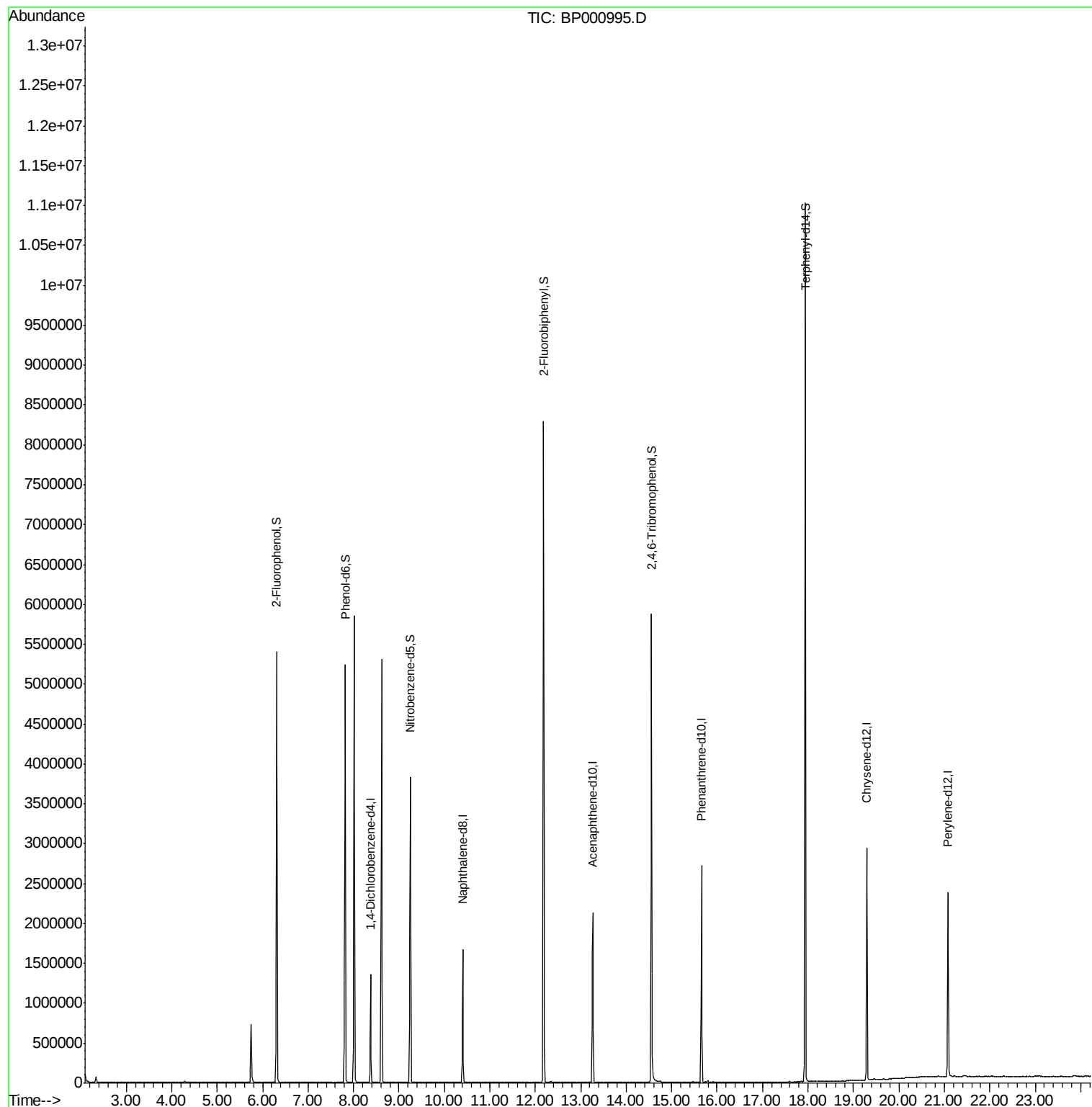
Target Compounds Qvalue

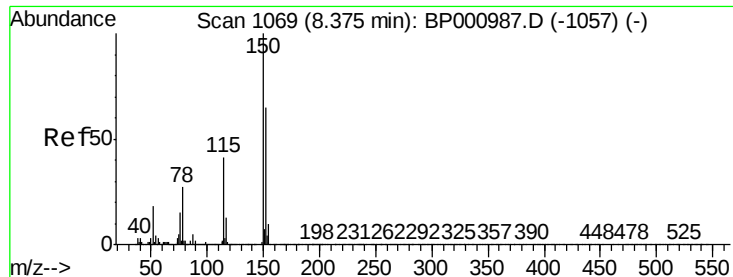
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.38 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BP000995.D

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Instrument :

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ClientSampleId :

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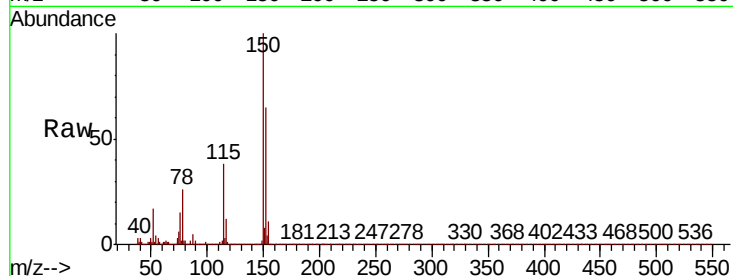
Tot Ion:152 Resp: 261104

Ion Ratio Lower Upper

152 100

150 155.0 123.6 185.4

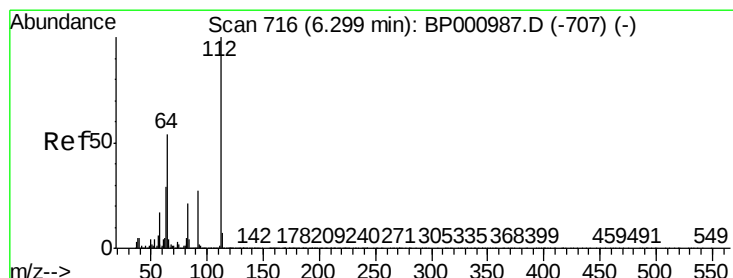
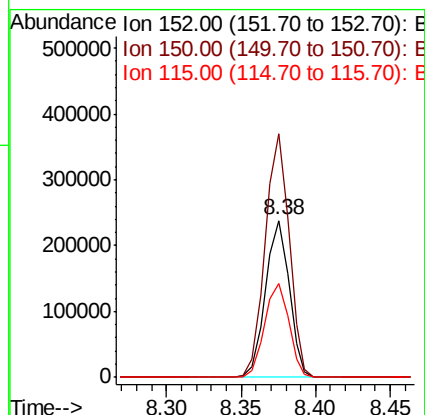
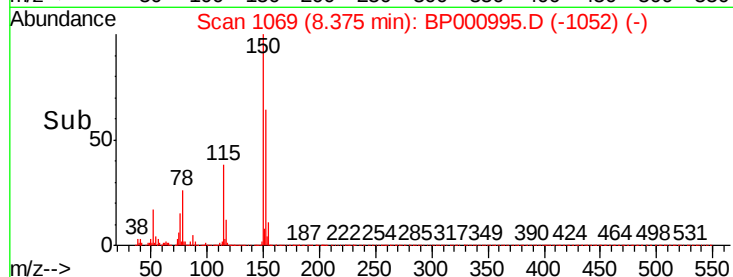
115 59.5 50.1 75.1



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



#5

2-Fluorophenol

Concen: 144.531 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BP000995.D

Acq: 07 Nov 2019 10:09

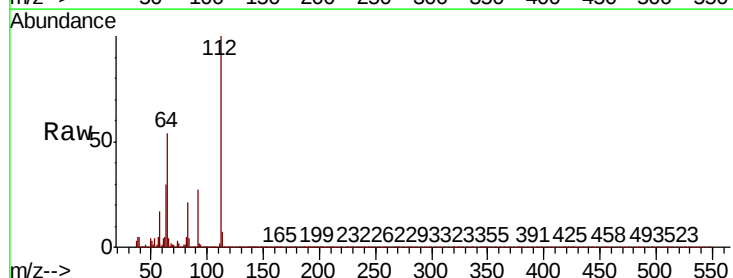
Tgt Ion:112 Resp: 2073296

Ion Ratio Lower Upper

112 100

64 53.7 43.4 65.0

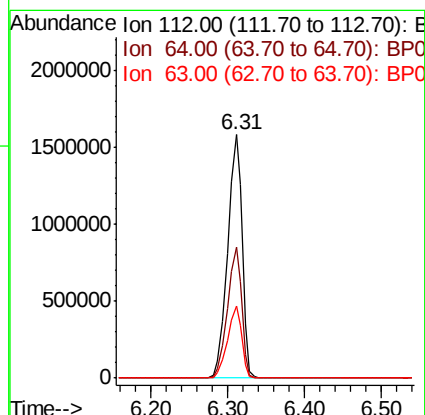
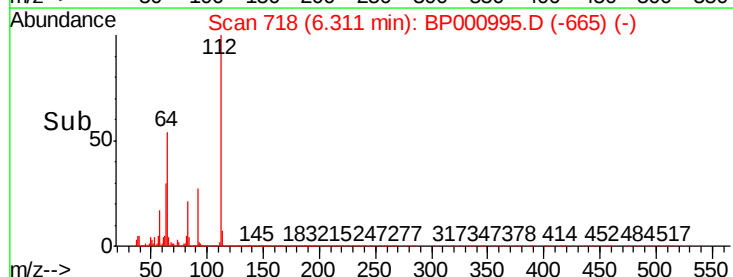
63 29.6 23.4 35.0

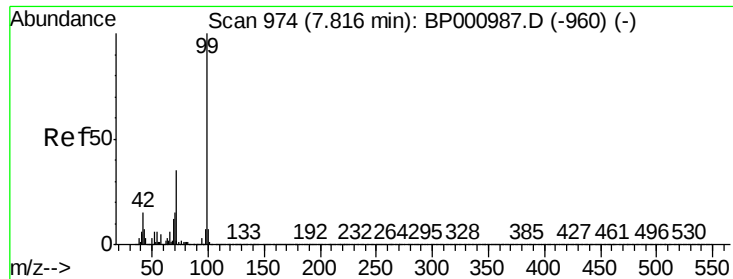


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 149.098 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BP000995.D

Acq: 07 Nov 2019 10:09

Instrument :

BNA_P

ClientSampleId :

PB124565BL

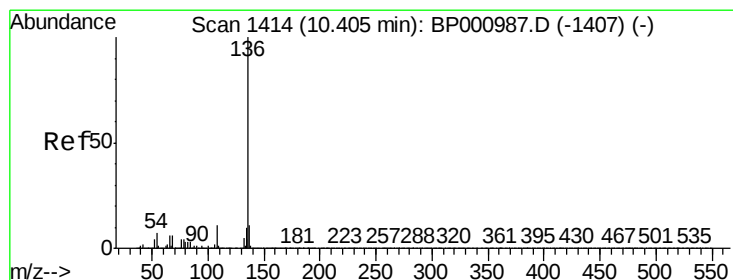
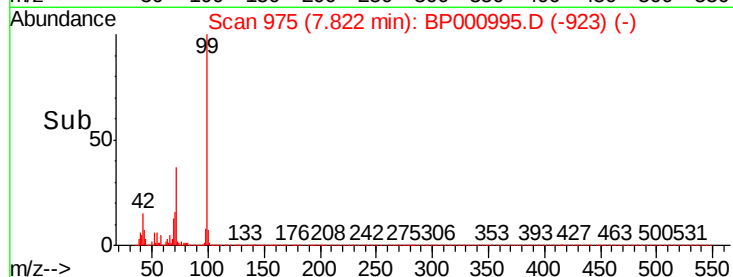
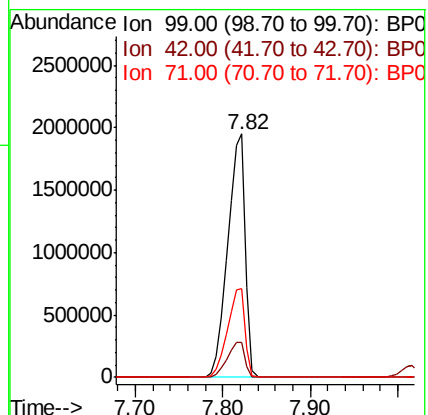
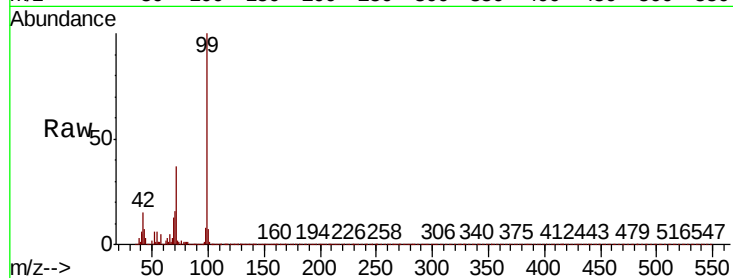
Tot Ion: 99 Resp: 2704648

Ion Ratio Lower Upper

99 100

42 14.5 11.6 17.4

71 36.7 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BP000995.D

Acq: 07 Nov 2019 10:09

Tgt Ion: 136 Resp: 969027

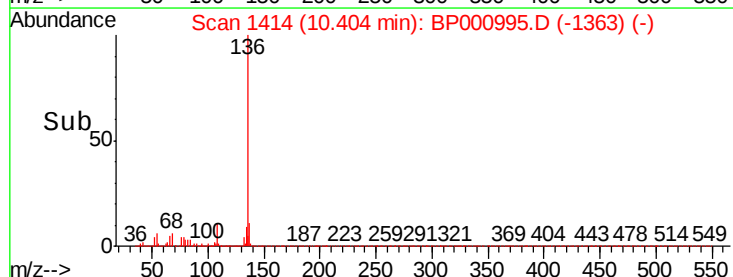
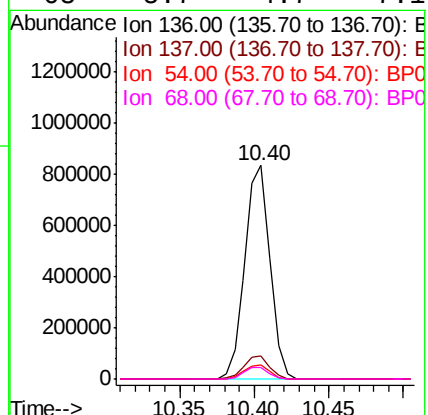
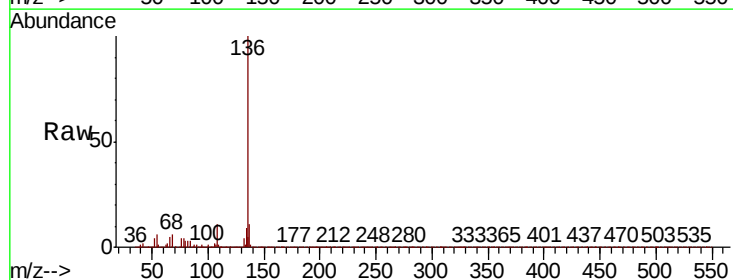
Ion Ratio Lower Upper

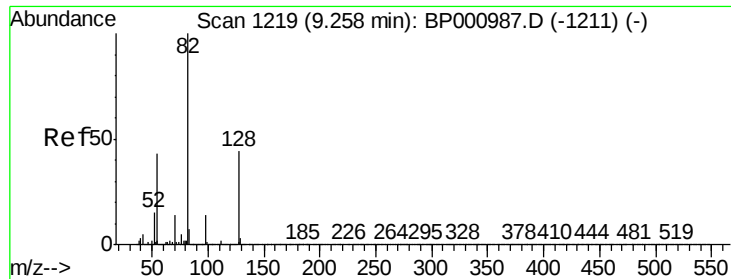
136 100

137 10.8 9.0 13.6

54 6.4 5.4 8.2

68 5.7 4.7 7.1

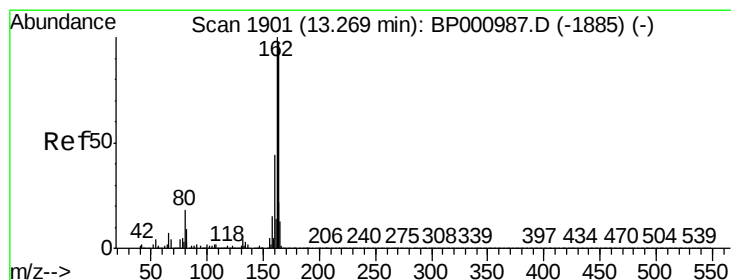
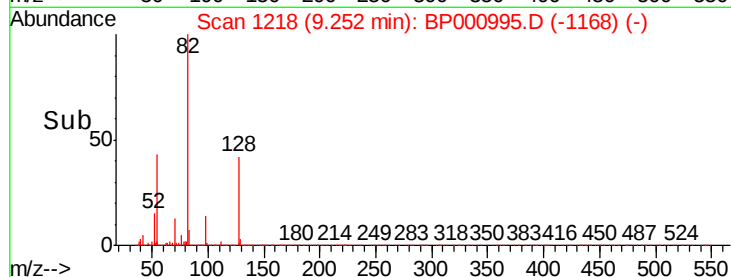
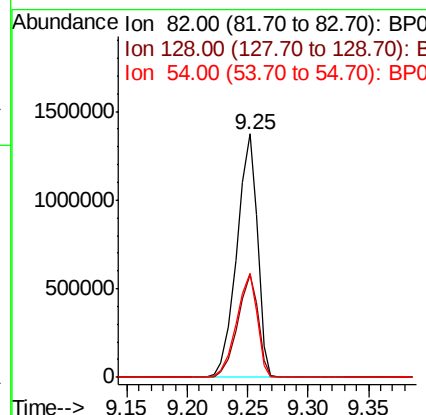
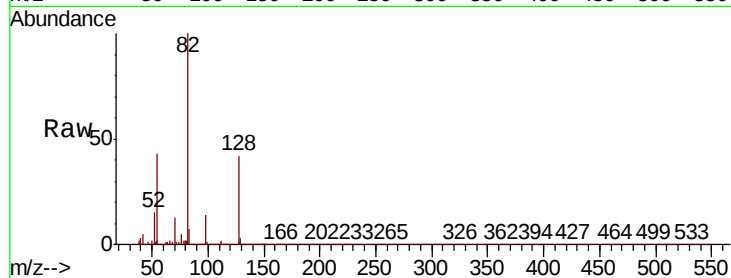




#23
Nitrobenzene-d5
Concen: 93.244 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BP000995.D
Acq: 07 Nov 2019 10:09

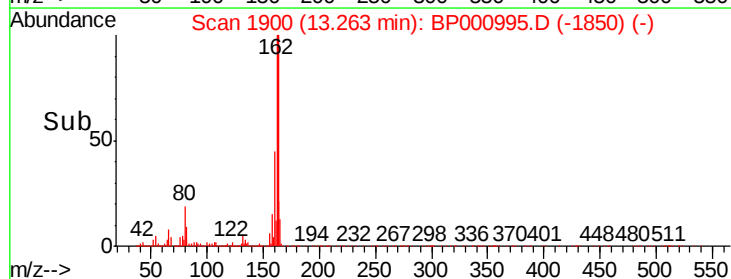
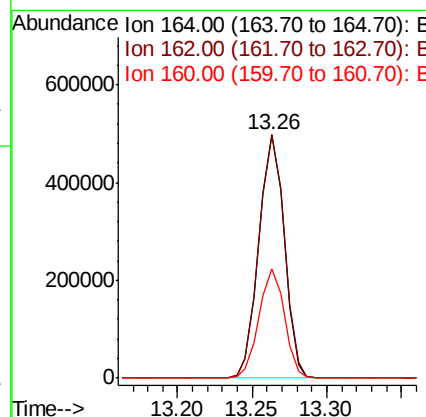
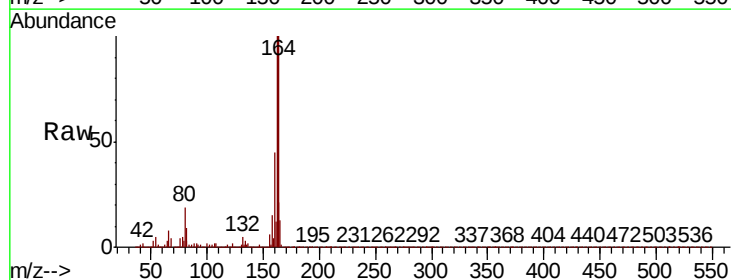
Instrument :
BNA_P
ClientSampleId :
PB124565BL

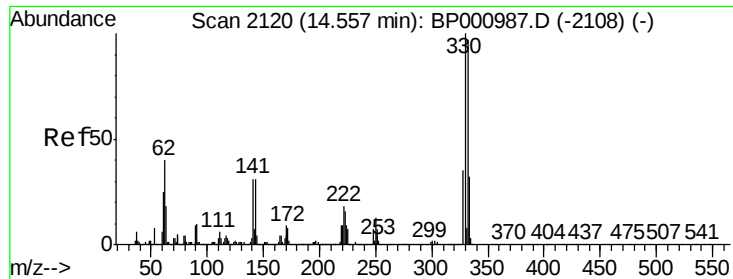
Tot Ion: 82 Resp: 1633432
Ion Ratio Lower Upper
82 100
128 42.2 35.3 52.9
54 42.9 34.3 51.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BP000995.D
Acq: 07 Nov 2019 10:09

Tgt Ion: 164 Resp: 581973
Ion Ratio Lower Upper
164 100
162 99.6 82.6 123.8
160 44.8 36.5 54.7

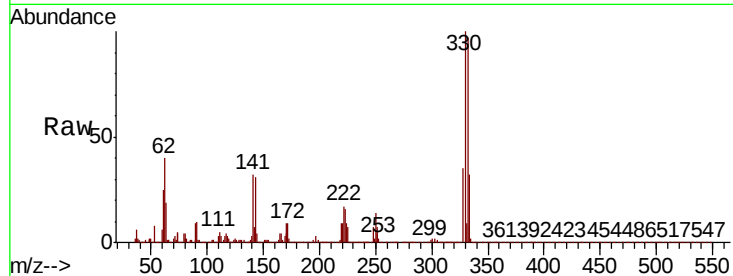




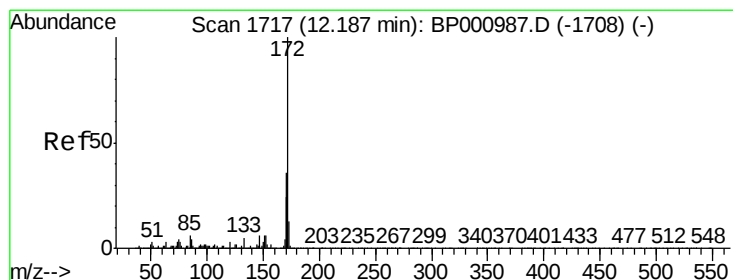
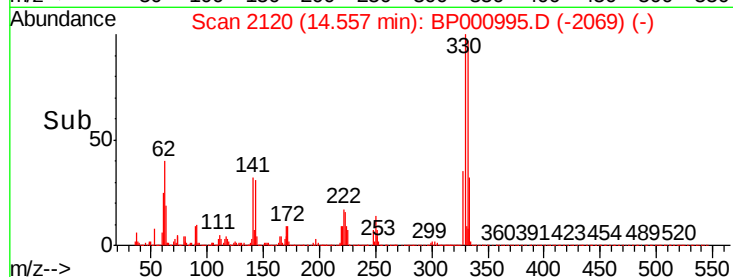
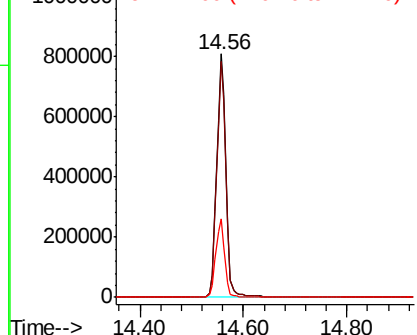
#42
2,4,6-Tribromophenol
Concen: 146.125 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BP000995.D
Acq: 07 Nov 2019 10:09

Instrument :
BNA_P
ClientSampleId :
PB124565BL

Tot Ion:330 Resp: 1015193
Ion Ratio Lower Upper
330 100
332 97.2 78.3 117.5
141 31.8 25.0 37.4

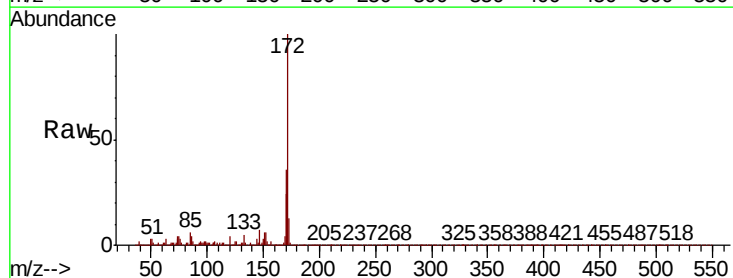


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

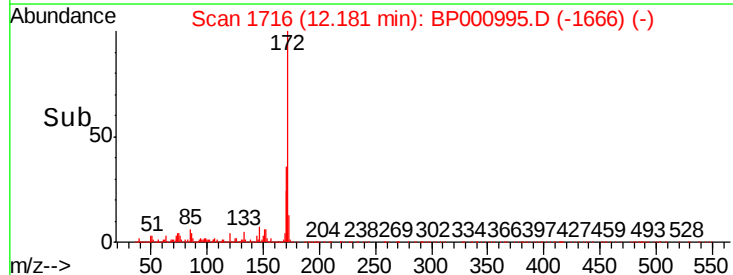
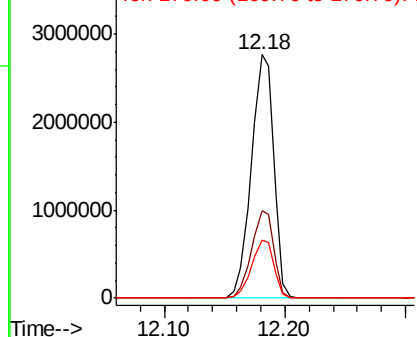


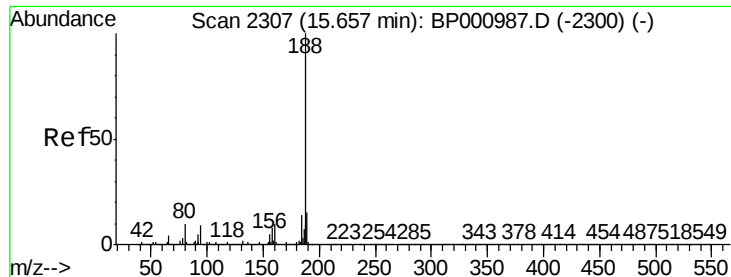
#45
2-Fluorobiphenyl
Concen: 92.894 ng
RT: 12.18 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BP000995.D
Acq: 07 Nov 2019 10:09

Tgt Ion:172 Resp: 3589542
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.9 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

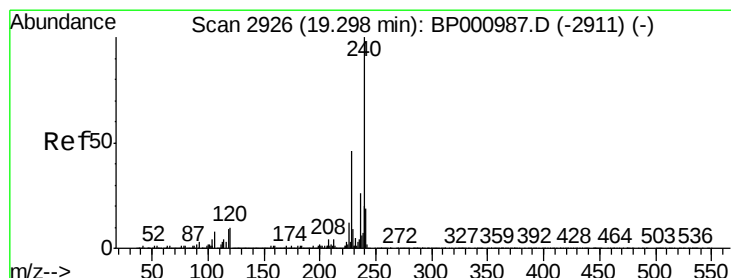
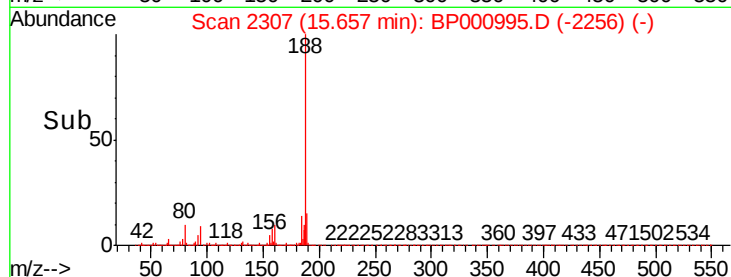
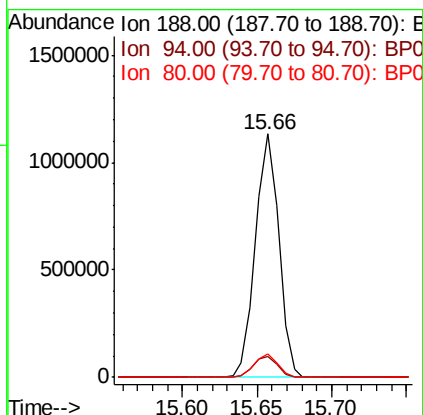
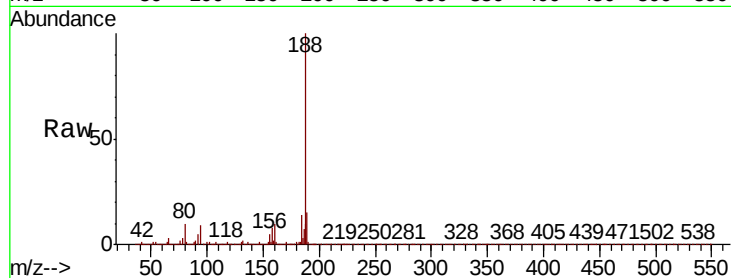




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BP000995.D
Acq: 07 Nov 2019 10:09

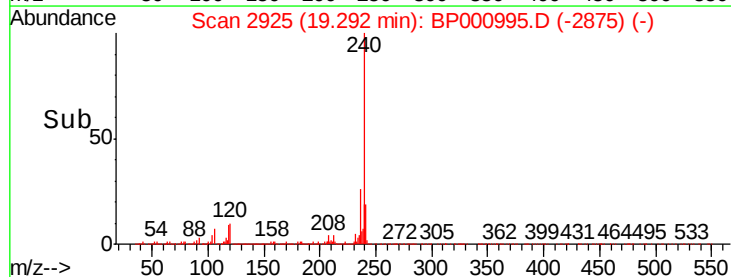
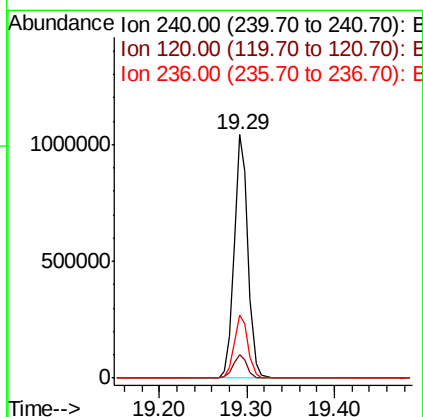
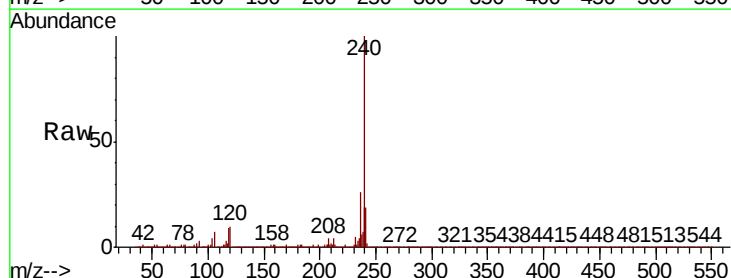
Instrument :
BNA_P
ClientSampleId :
PB124565BL

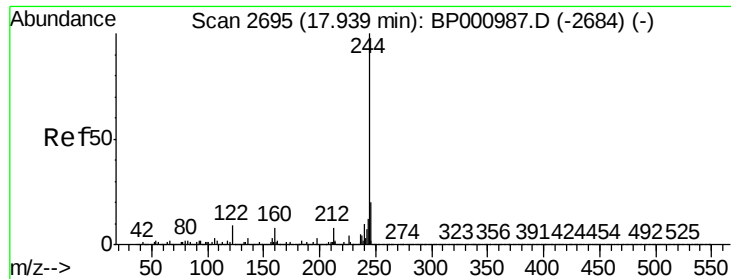
Tot Ion:188 Resp: 1223338
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.29 min Scan# 2925
Delta R.T. -0.01 min
Lab File: BP000995.D
Acq: 07 Nov 2019 10:09

Tgt Ion:240 Resp: 1114035
Ion Ratio Lower Upper
240 100
120 9.8 8.2 12.2
236 25.8 20.5 30.7





#79

Terphenyl-d14

Concen: 91.196 ng

RT: 17.94 min Scan# 2695

Delta R.T. -0.00 min

Lab File: BP000995.D

Acq: 07 Nov 2019 10:09

Instrument :

BNA_P

ClientSampleId :

PB124565BL

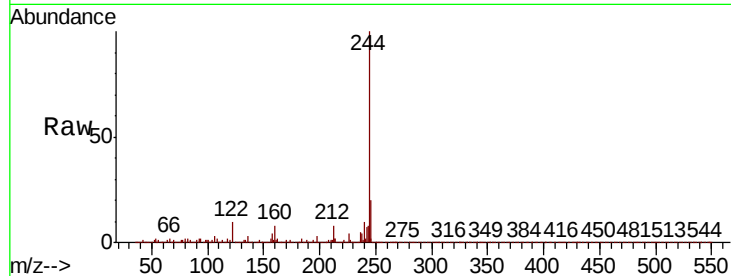
Tot Ion:244 Resp: 5107504

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

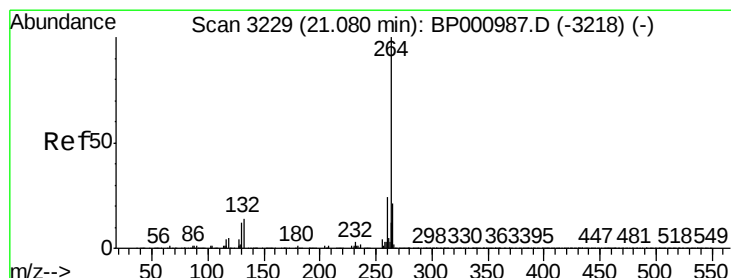
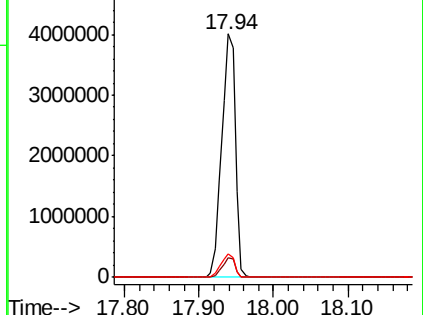
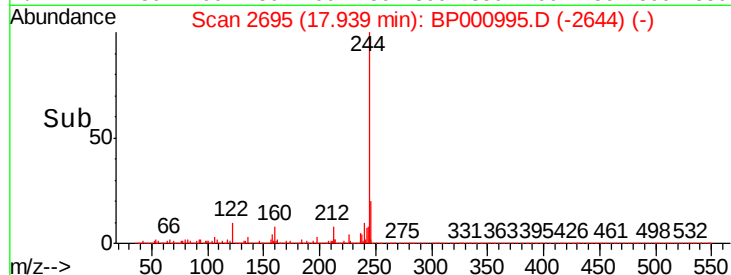
122 9.7 7.4 11.2



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: 21.08 min Scan# 3229

Delta R.T. -0.00 min

Lab File: BP000995.D

Acq: 07 Nov 2019 10:09

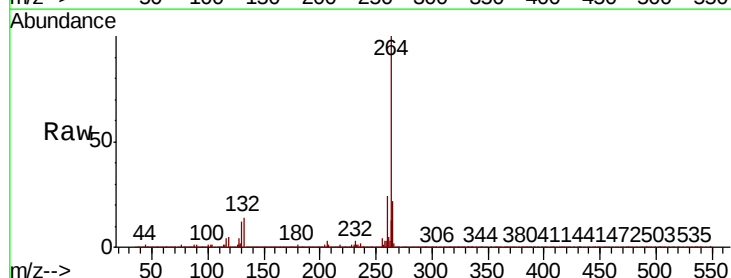
Tgt Ion:264 Resp: 1245123

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 21.6 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

