

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122819\
 Data File : BP001487.D
 Acq On : 28 Dec 2019 21:01
 Operator : JU
 Sample : K6441-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 K321-WC-02

Quant Time: Dec 29 08:26:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	20097	20.00	ng	-0.01
21) Naphthalene-d8	10.31	136	72311	20.00	ng	-0.01
39) Acenaphthene-d10	13.17	164	45026	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	90969	20.00	ng	0.00
76) Chrysene-d12	19.23	240	77771	20.00	ng	0.00
87) Perylene-d12	21.00	264	83660	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	151181	121.58	ng	0.00
7) Phenol-d6	7.74	99	173212	106.75	ng	-0.01
23) Nitrobenzene-d5	9.16	82	158756	84.31	ng	-0.02
42) 2,4,6-Tribromophenol	14.47	330	85628	152.11	ng	0.00
45) 2-Fluorobiphenyl	12.09	172	314655	88.37	ng	0.00
79) Terphenyl-d14	17.87	244	483071	106.39	ng	0.00

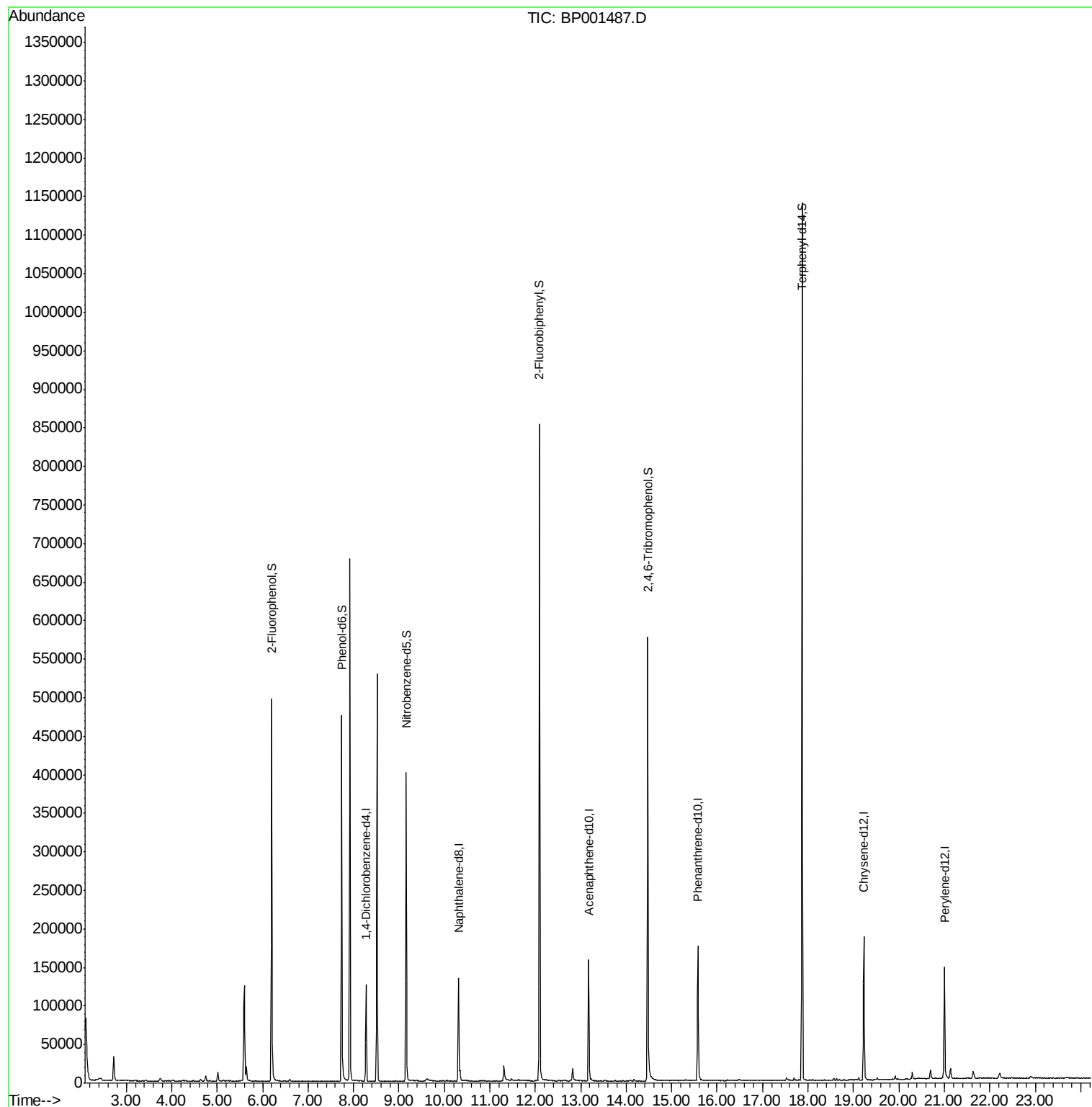
Target Compounds Qvalue

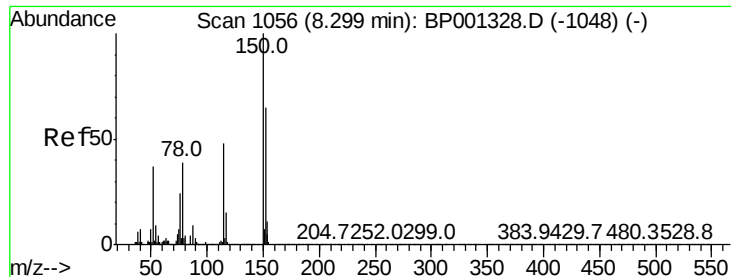
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BP001487.D

Acq: 28 Dec 2019 21:01

Instrument :

BNA_P

ClientSampleId :

K321-WC-02

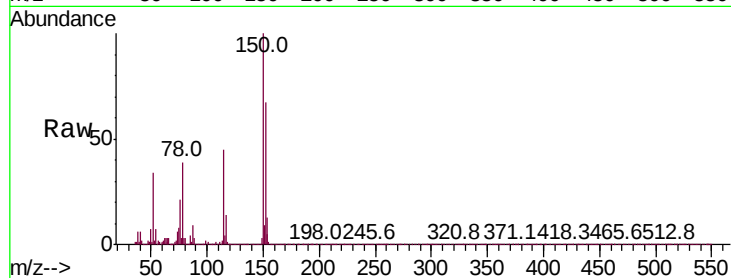
Tot Ion:152 Resp: 20097

Ion Ratio Lower Upper

152 100

150 149.4 127.0 190.6

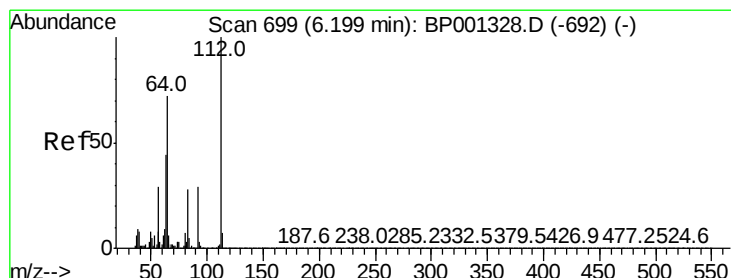
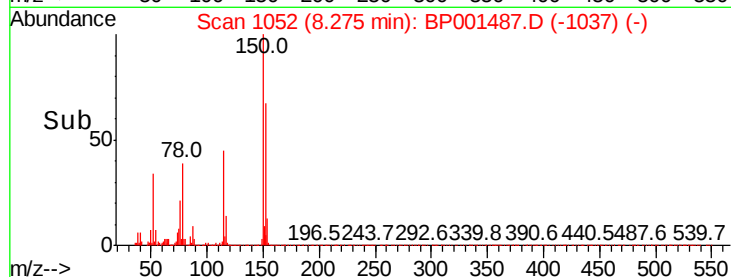
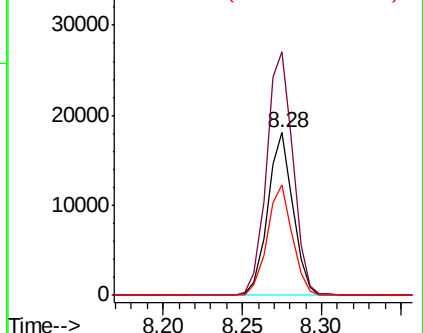
115 67.9 56.1 84.1



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: 121.579 ng

RT: 6.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BP001487.D

Acq: 28 Dec 2019 21:01

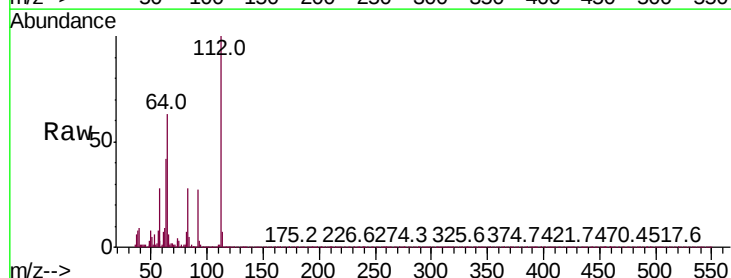
Tgt Ion:112 Resp: 151181

Ion Ratio Lower Upper

112 100

64 63.0 53.9 80.9

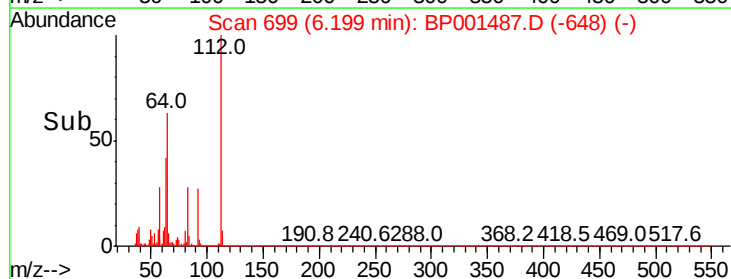
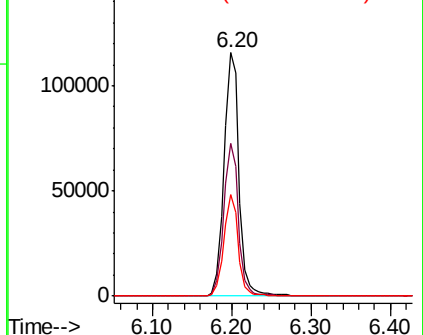
63 41.9 33.4 50.0

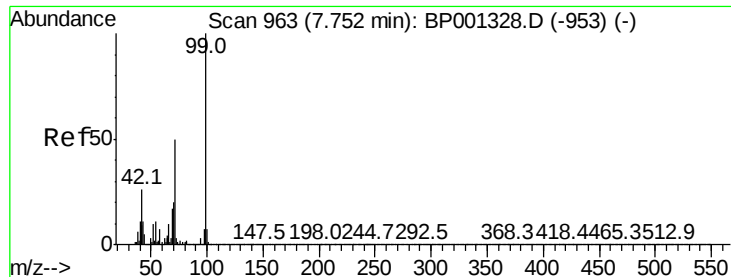


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 106.751 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BP001487.D

Acq: 28 Dec 2019 21:01

Instrument :

BNA_P

ClientSampleId :

K321-WC-02

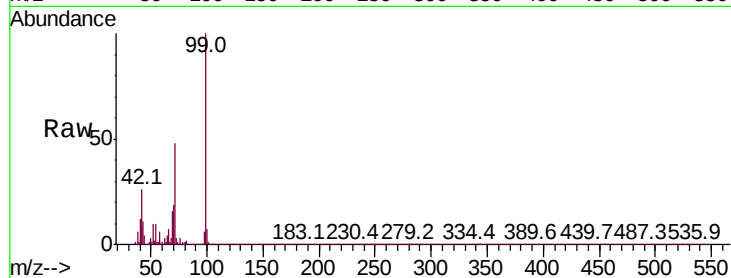
Tot Ion: 99 Resp: 173212

Ion Ratio Lower Upper

99 100

42 26.1 20.8 31.2

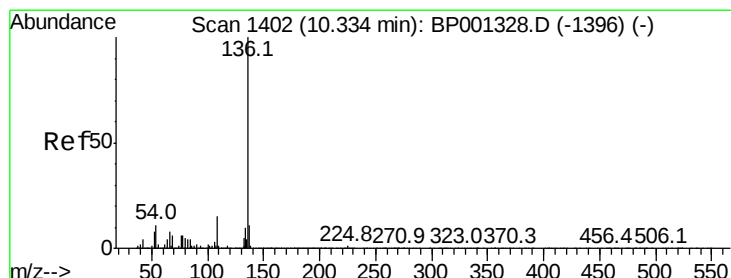
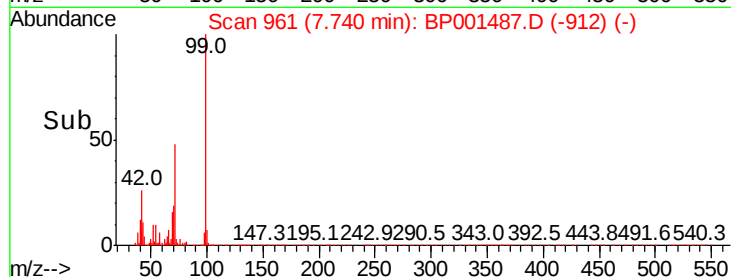
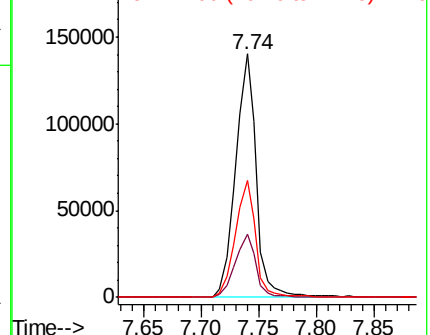
71 48.2 38.2 57.4



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: 10.31 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BP001487.D

Acq: 28 Dec 2019 21:01

Tgt Ion: 136 Resp: 72311

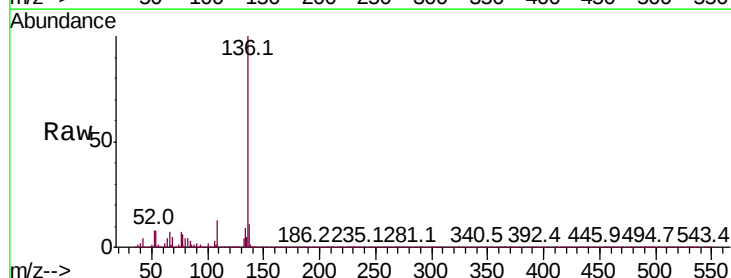
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 8.3 7.3 10.9

68 4.7 3.8 5.6

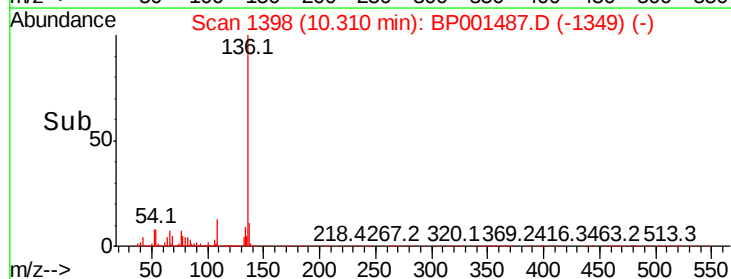
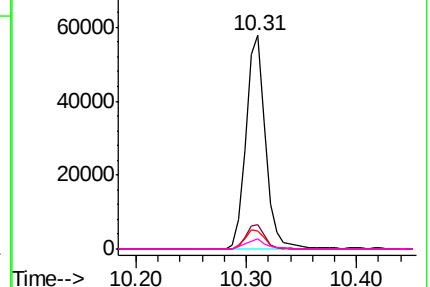


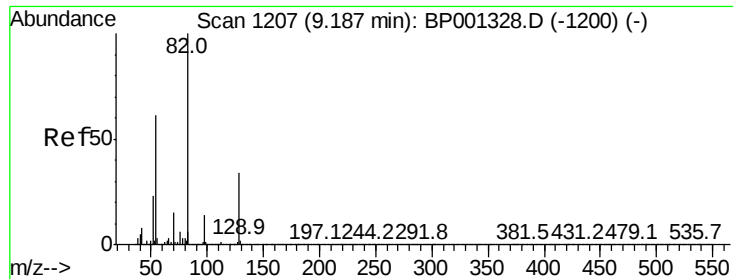
Abundance Ion 136.00 (135.70 to 136.70): E

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

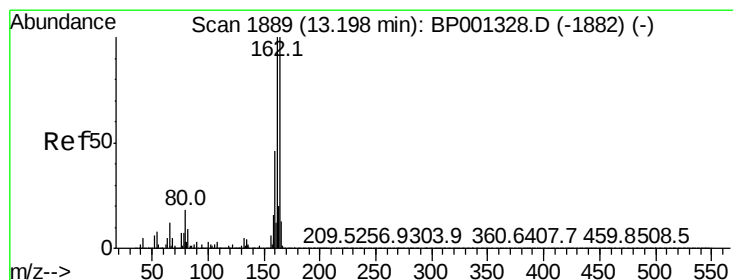
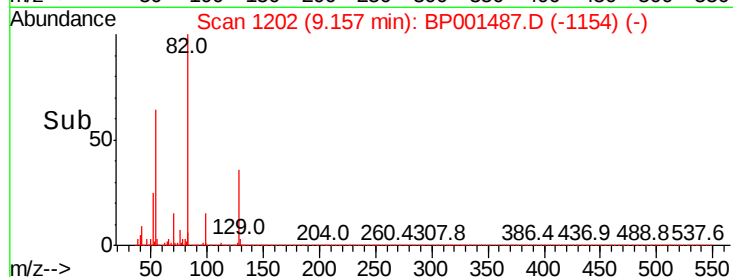
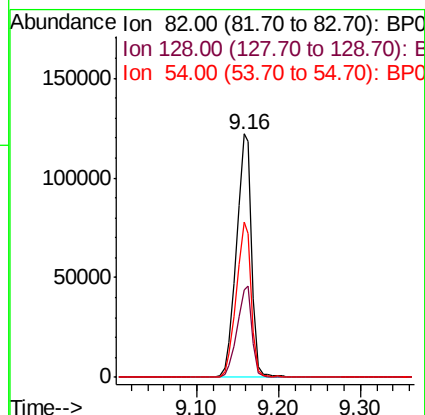
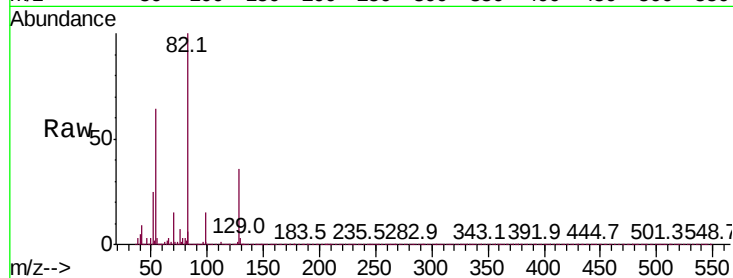




#23
Nitrobenzene-d5
Concen: 84.309 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BP001487.D
Acq: 28 Dec 2019 21:01

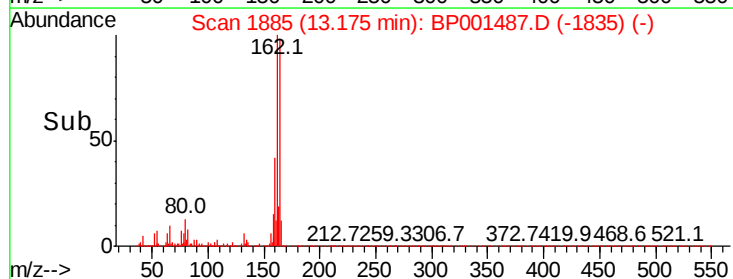
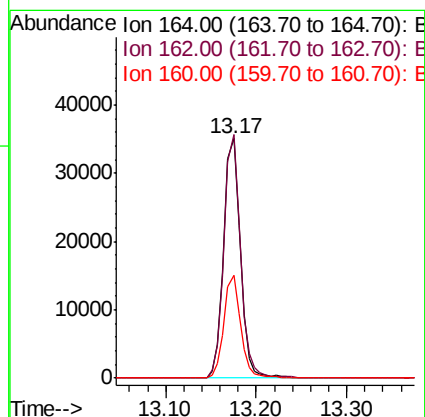
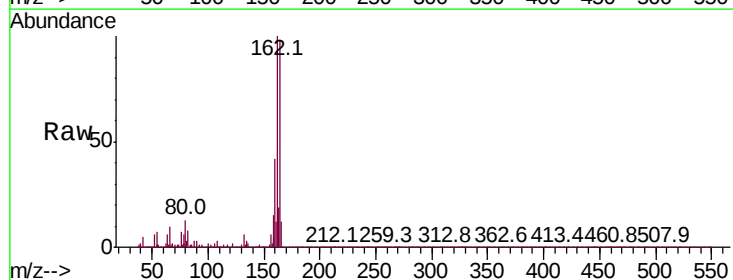
Instrument :
BNA_P
ClientSampleId :
K321-WC-02

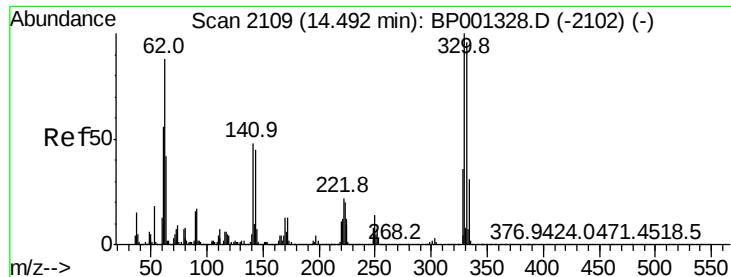
Tot Ion: 82 Resp: 158756
Ion Ratio Lower Upper
82 100
128 36.2 27.4 41.0
54 63.9 47.5 71.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.17 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BP001487.D
Acq: 28 Dec 2019 21:01

Tgt Ion: 164 Resp: 45026
Ion Ratio Lower Upper
164 100
162 101.7 78.2 117.4
160 43.1 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 152.112 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BP001487.D

Acq: 28 Dec 2019 21:01

Instrument :

BNA_P

ClientSampleId :

K321-WC-02

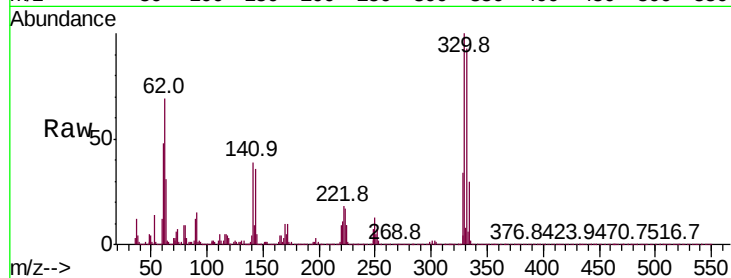
Tot Ion:330 Resp: 85628

Ion Ratio Lower Upper

330 100

332 95.6 78.3 117.5

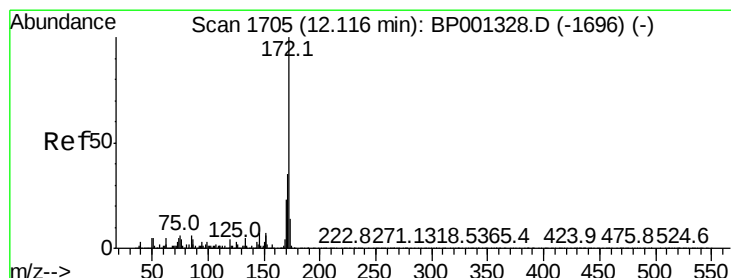
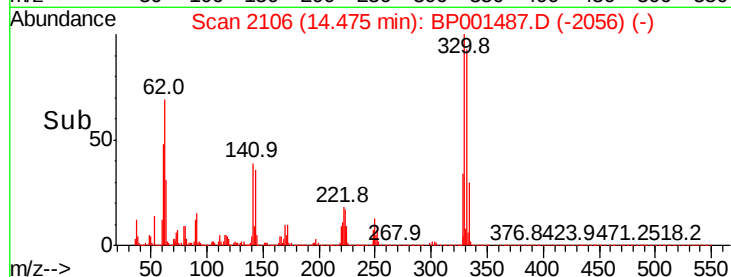
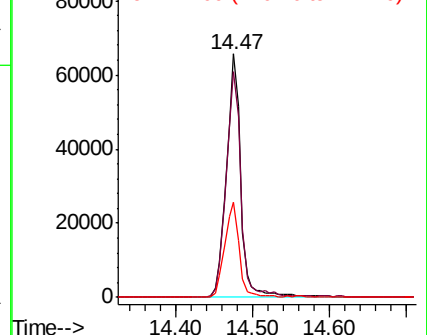
141 39.1 26.8 40.2



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: 88.366 ng

RT: 12.09 min Scan# 1701

Delta R.T. -0.01 min

Lab File: BP001487.D

Acq: 28 Dec 2019 21:01

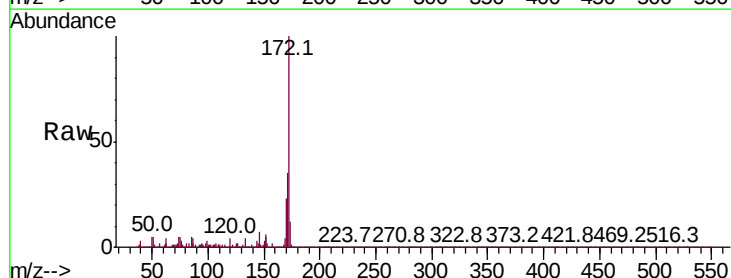
Tgt Ion:172 Resp: 314655

Ion Ratio Lower Upper

172 100

171 34.7 27.4 41.0

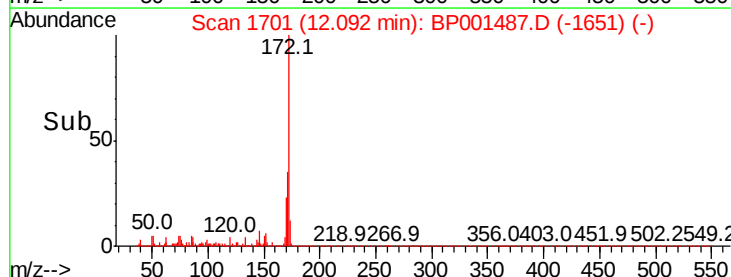
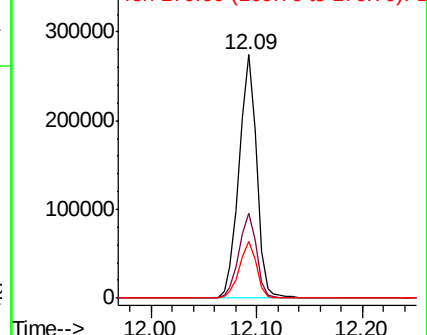
170 23.1 18.2 27.4

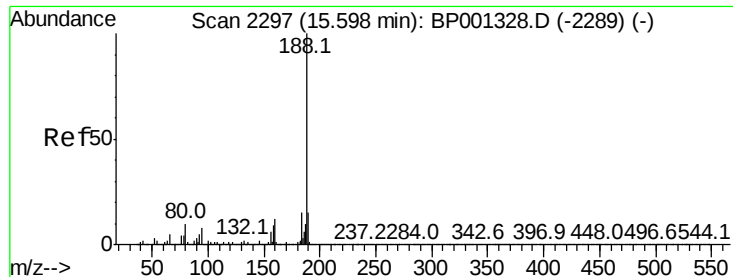


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

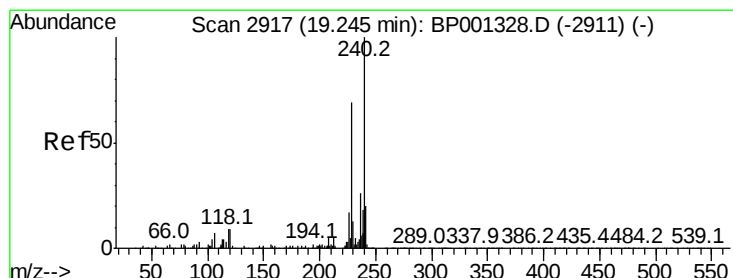
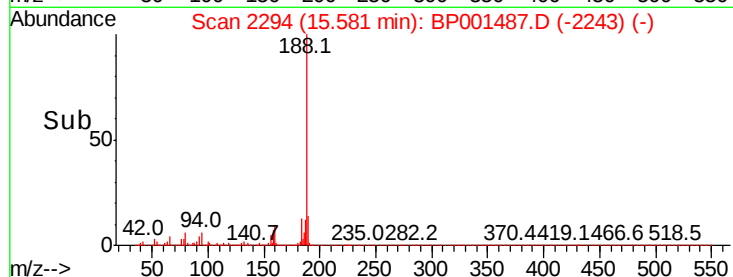
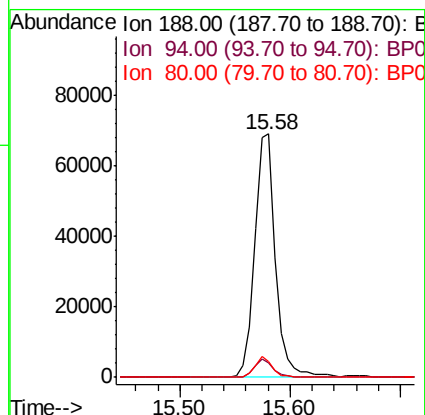
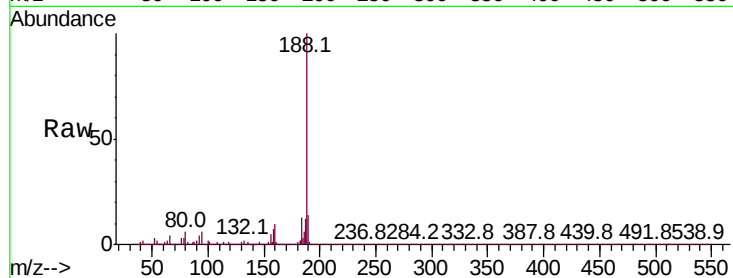




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BP001487.D
Acq: 28 Dec 2019 21:01

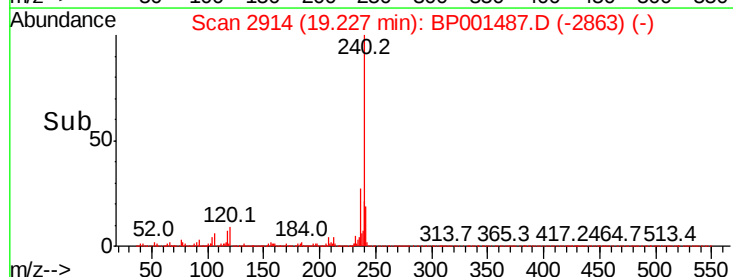
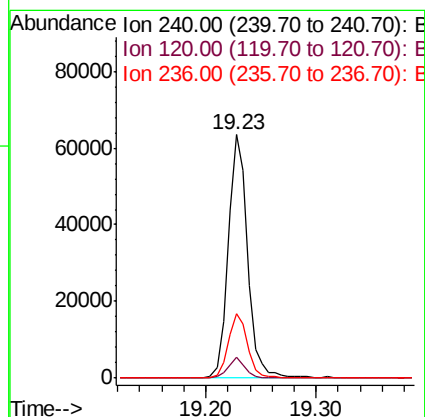
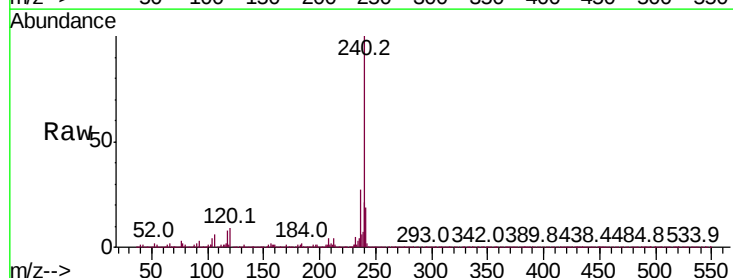
Instrument :
BNA_P
ClientSampleId :
K321-WC-02

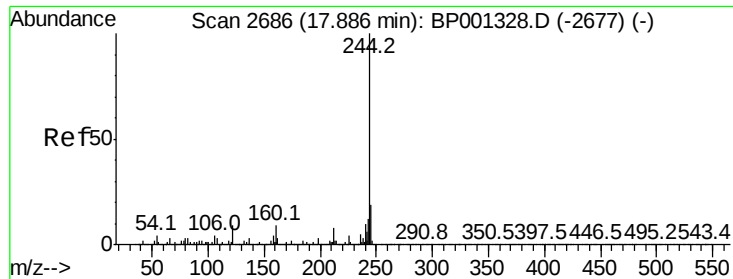
Tot Ion:188 Resp: 90969
Ion Ratio Lower Upper
188 100
94 6.0 5.8 8.8
80 6.2 5.7 8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.23 min Scan# 2914
Delta R.T. -0.00 min
Lab File: BP001487.D
Acq: 28 Dec 2019 21:01

Tgt Ion:240 Resp: 77771
Ion Ratio Lower Upper
240 100
120 8.8 6.2 9.2
236 26.5 20.2 30.2





#79

Terphenyl-d14

Concen: 106.388 ng

RT: 17.87 min Scan# 2684

Delta R.T. 0.01 min

Lab File: BP001487.D

Acq: 28 Dec 2019 21:01

Instrument :

BNA_P

ClientSampleId :

K321-WC-02

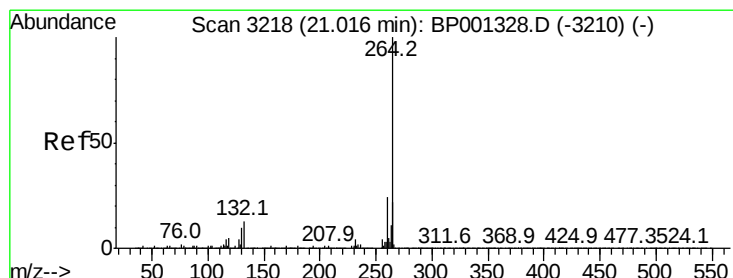
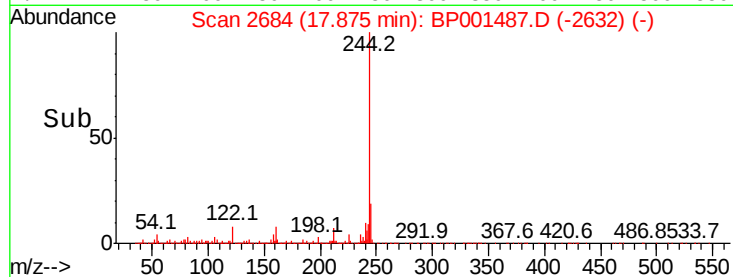
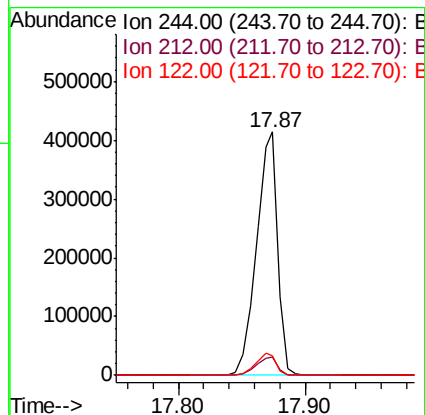
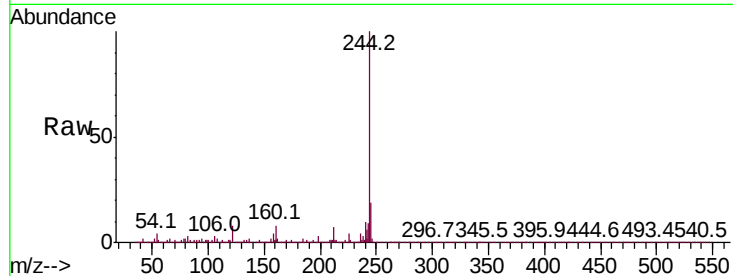
Tot Ion:244 Resp: 483071

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 7.9 6.4 9.6



#87

Perylene-d12

Concen: 20.000 ng

RT: 21.00 min Scan# 3216

Delta R.T. 0.01 min

Lab File: BP001487.D

Acq: 28 Dec 2019 21:01

Tgt Ion:264 Resp: 83660

Ion Ratio Lower Upper

264 100

260 22.5 19.0 28.4

265 23.0 17.0 25.4

