

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
 Data File : BP001020.D
 Acq On : 11 Nov 2019 17:12
 Operator : JU
 Sample : K5760-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 3425

Quant Time: Nov 12 04:53:32 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

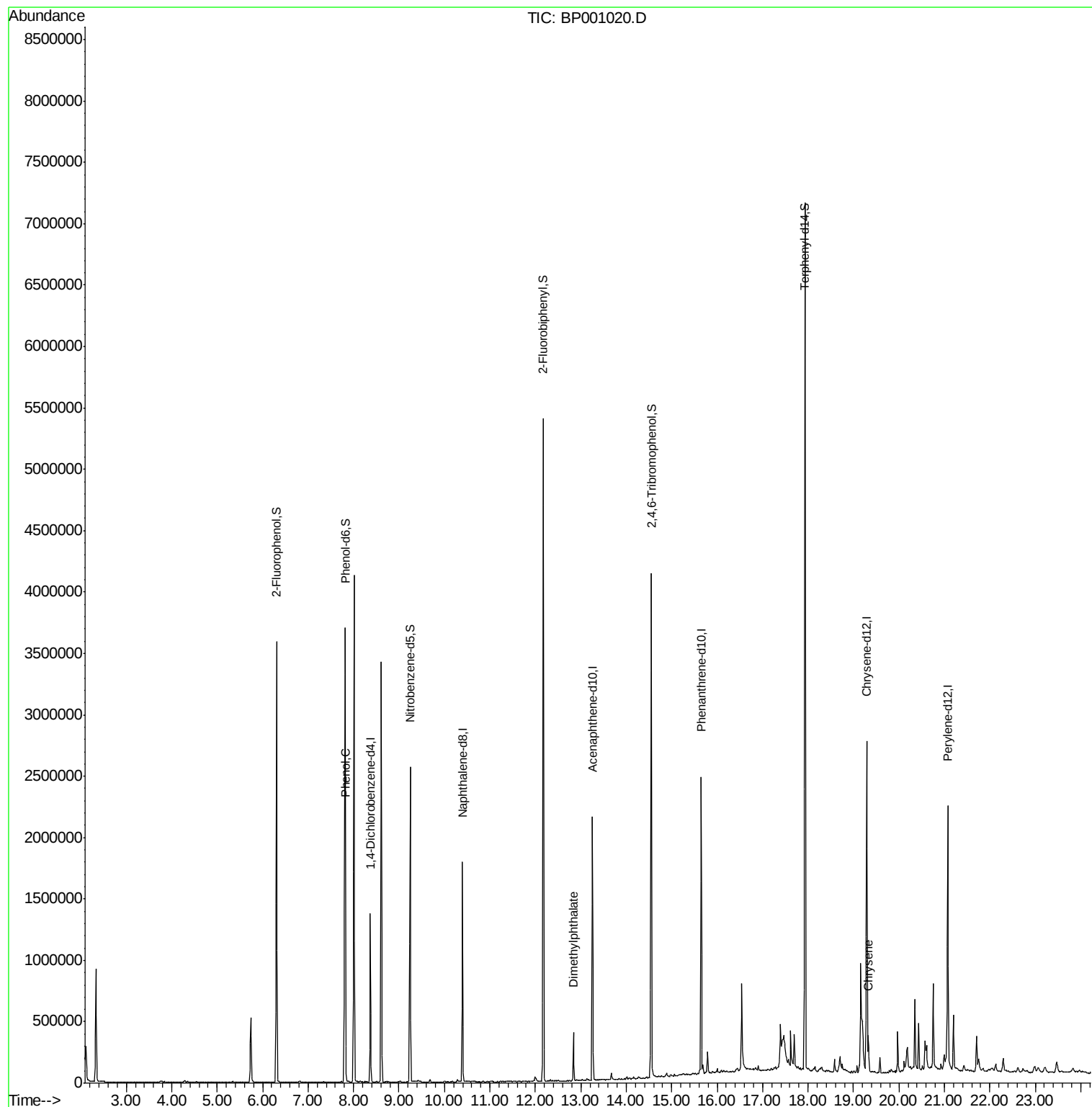
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	269632	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	990975	20.00	ng	0.00
39) Acenaphthene-d10	13.26	164	593037	20.00	ng	-0.01
64) Phenanthrene-d10	15.65	188	1178042	20.00	ng	0.00
76) Chrysene-d12	19.29	240	1034851	20.00	ng	0.00
87) Perylene-d12	21.07	264	1099057	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	1336668	90.23	ng	0.00
7) Phenol-d6	7.82	99	1770617	94.52	ng	0.00
23) Nitrobenzene-d5	9.25	82	1089566	60.82	ng	-0.01
42) 2,4,6-Tribromophenol	14.55	330	710079	100.30	ng	0.00
45) 2-Fluorobiphenyl	12.17	172	2268095	57.60	ng	-0.01
79) Terphenyl-d14	17.93	244	3013273	57.92	ng	0.00
Target Compounds						
10) Phenol	7.83	94	120894	5.900	ng	94
50) Dimethylphthalate	12.84	163	197314	4.500	ng	99
83) Chrysene	19.32	228	122706	2.005	ng	97

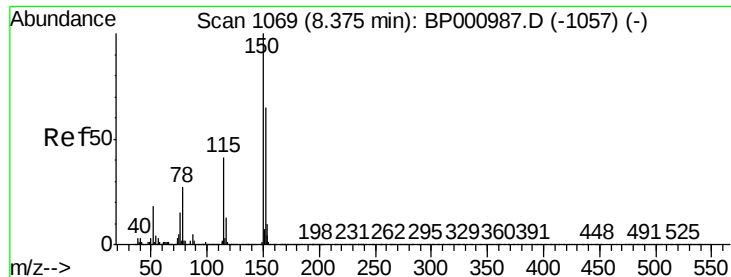
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP001020.D

Acq: 11 Nov 2019 17:12

Instrument :

BNA_P

ClientSampleId :

3425

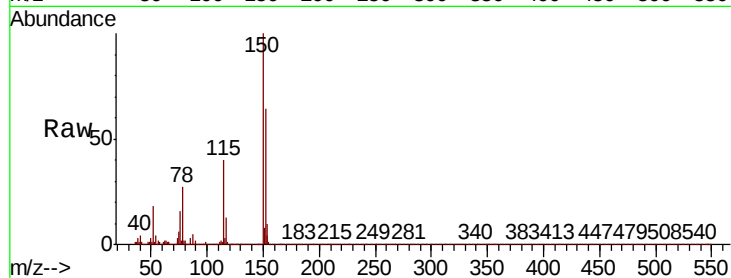
Tot Ion:152 Resp: 269632

Ion Ratio Lower Upper

152 100

150 157.0 123.6 185.4

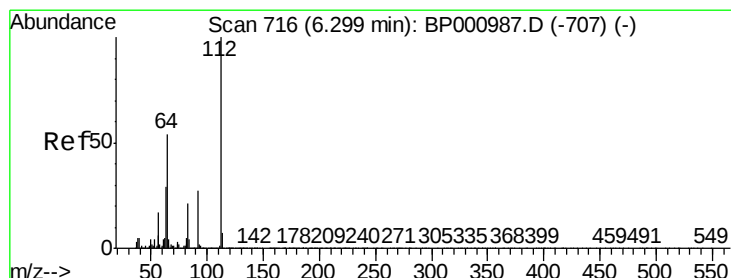
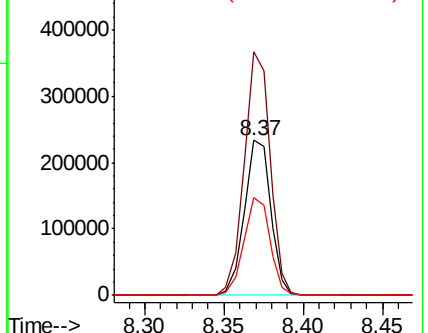
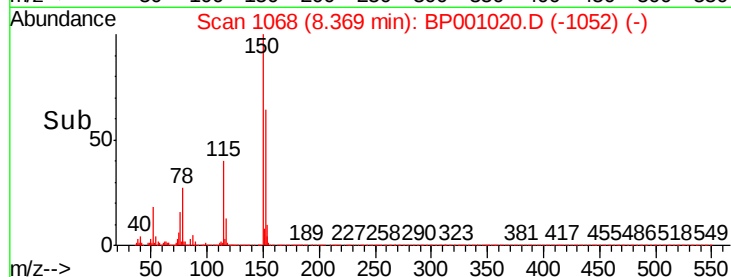
115 63.2 50.1 75.1



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



#5

2-Fluorophenol

Concen: 90.233 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BP001020.D

Acq: 11 Nov 2019 17:12

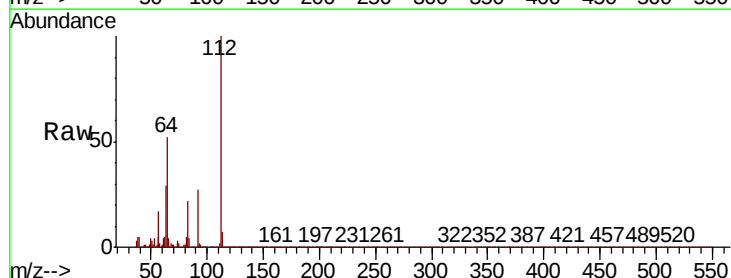
Tgt Ion:112 Resp: 1336668

Ion Ratio Lower Upper

112 100

64 52.3 43.4 65.0

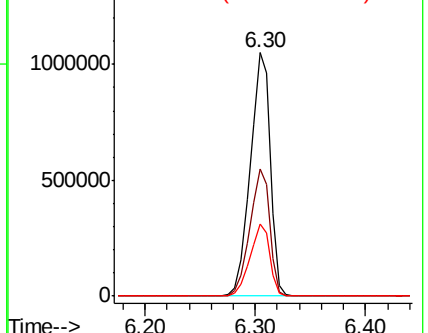
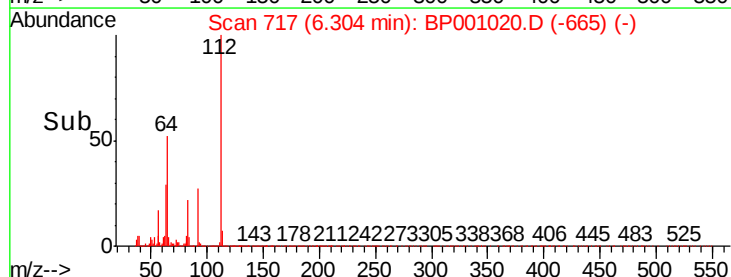
63 29.5 23.4 35.0

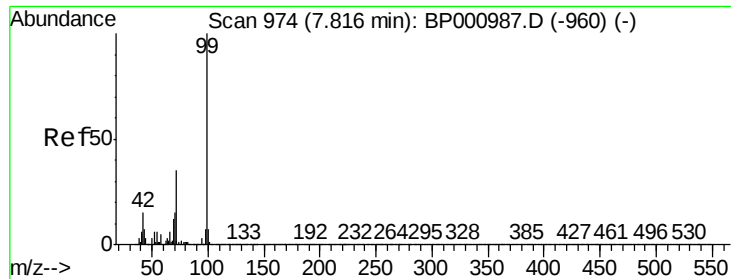


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 94.521 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BP001020.D

Acq: 11 Nov 2019 17:12

Instrument :

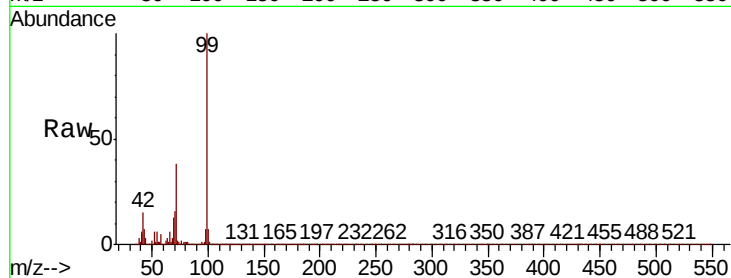
BNA_P

ClientSampleId :

3425

Tot Ion: 99 Resp: 1770617

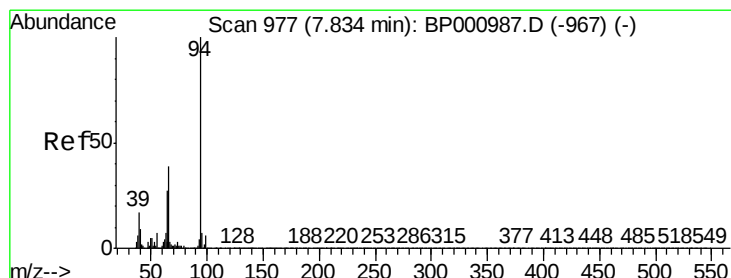
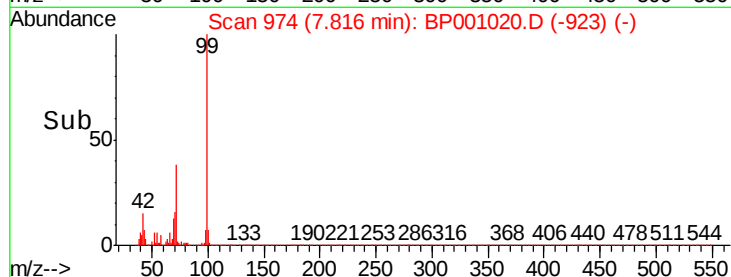
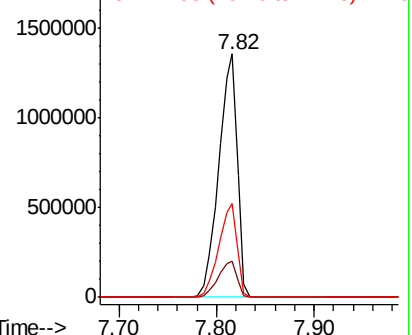
Ion	Ratio	Lower	Upper
99	100		
42	15.1	11.6	17.4
71	38.3	28.0	42.0



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



#10

Phenol

Concen: 5.900 ng

RT: 7.83 min Scan# 976

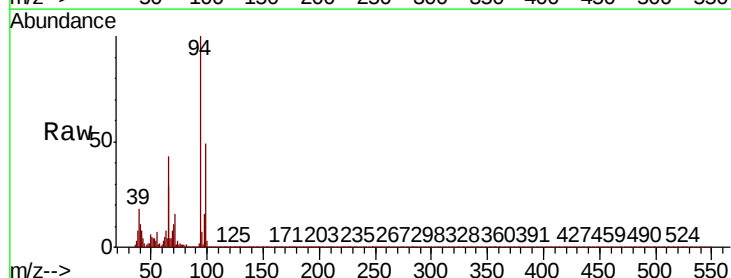
Delta R.T. -0.01 min

Lab File: BP001020.D

Acq: 11 Nov 2019 17:12

Tgt Ion: 94 Resp: 120894

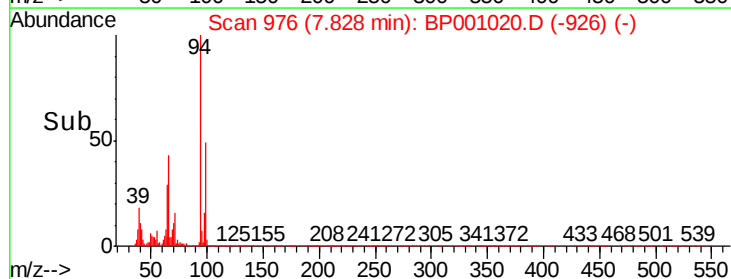
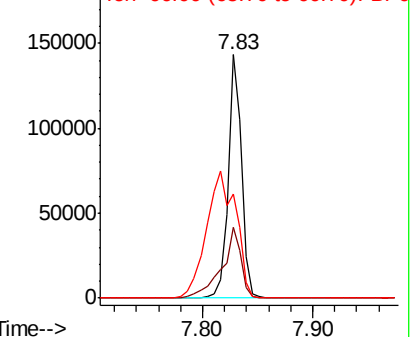
Ion	Ratio	Lower	Upper
94	100		
65	29.3	6.7	46.7
66	43.0	18.6	58.6

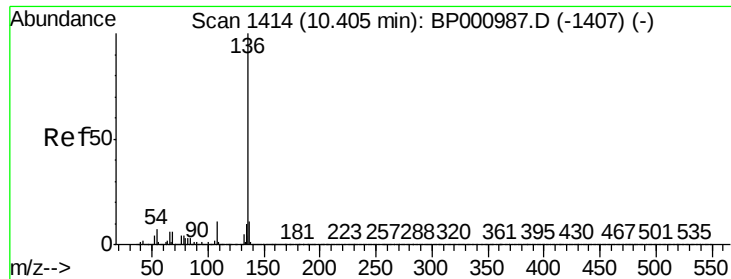


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

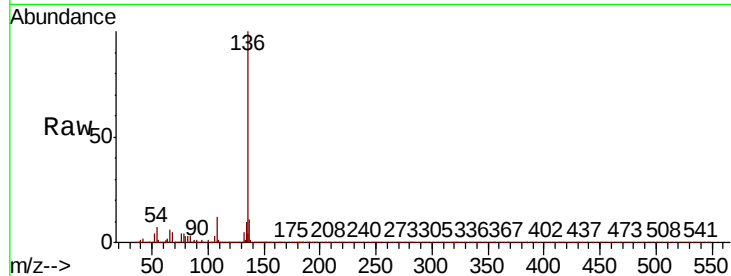




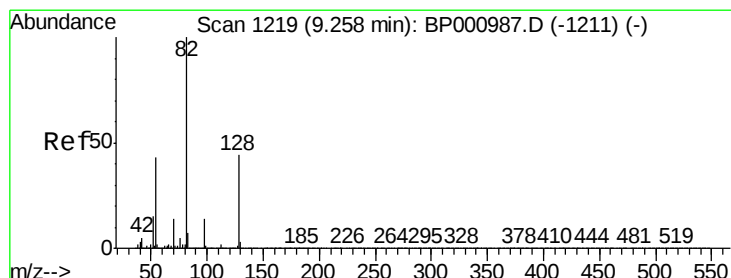
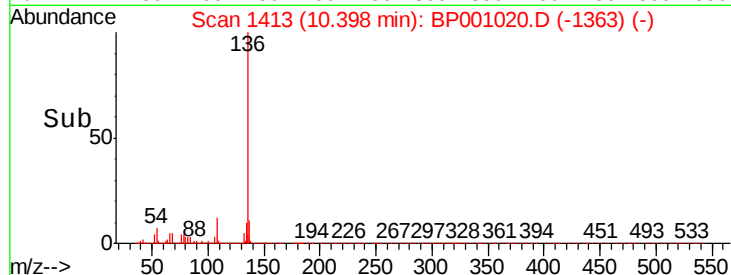
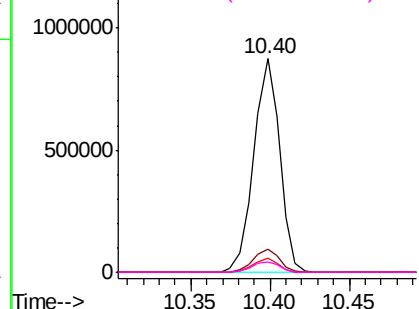
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BP001020.D
Acq: 11 Nov 2019 17:12

Instrument :
BNA_P
ClientSampleId :
3425

Tot Ion:136	Resp:	990975
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.0 13.6
54	6.6	5.4 8.2
68	5.0	4.7 7.1

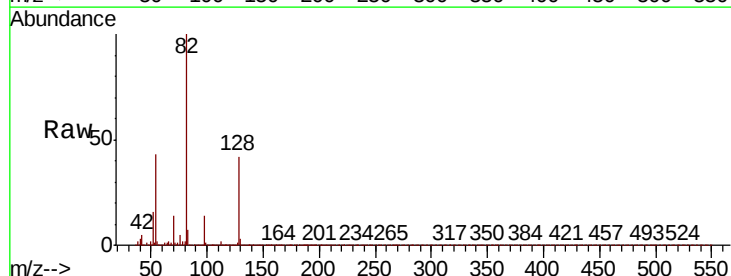


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

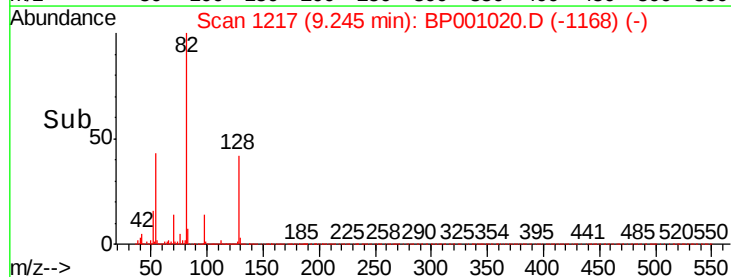
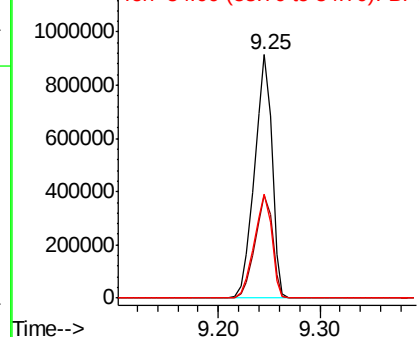


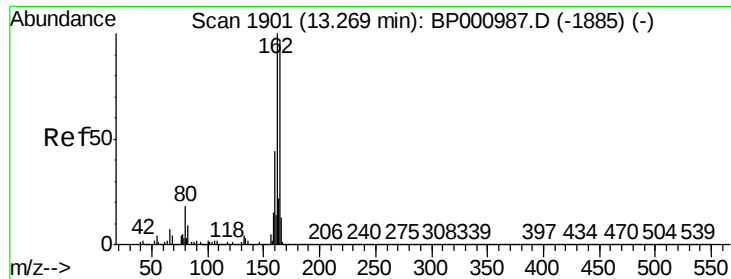
#23
Nitrobenzene-d5
Concen: 60.820 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BP001020.D
Acq: 11 Nov 2019 17:12

Tgt Ion: 82	Resp:	1089566
Ion Ratio	Lower	Upper
82	100	
128	42.0	35.3 52.9
54	42.8	34.3 51.5



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.26 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BP001020.D

Acq: 11 Nov 2019 17:12

Instrument :

BNA_P

ClientSampleId :

3425

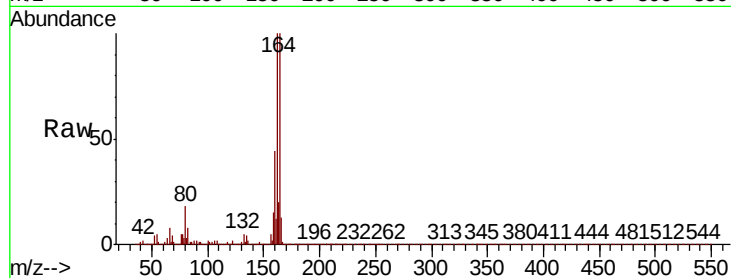
Tot Ion:164 Resp: 593037

Ion Ratio Lower Upper

164 100

162 100.3 82.6 123.8

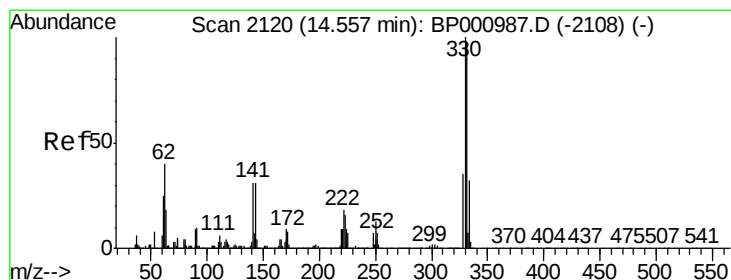
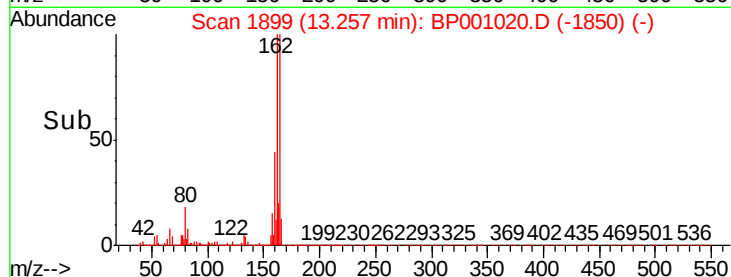
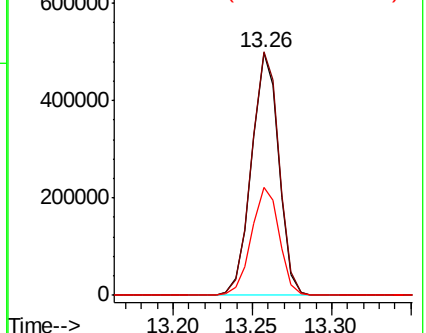
160 44.5 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 100.301 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BP001020.D

Acq: 11 Nov 2019 17:12

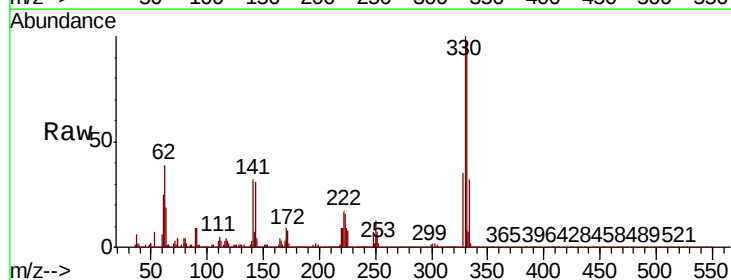
Tgt Ion:330 Resp: 710079

Ion Ratio Lower Upper

330 100

332 96.7 78.3 117.5

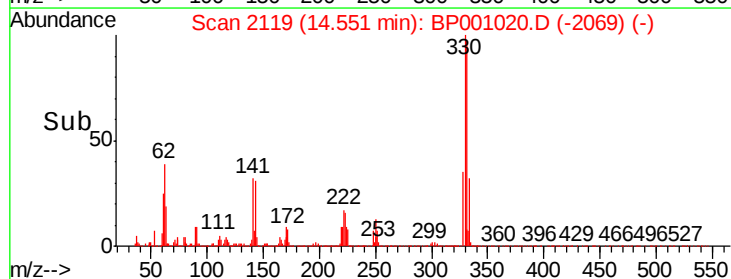
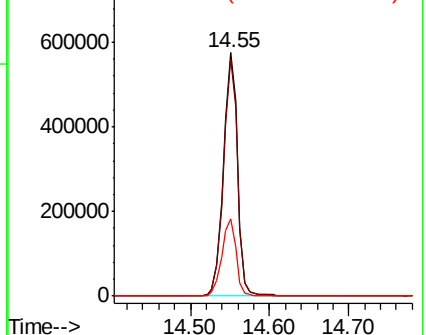
141 31.9 25.0 37.4

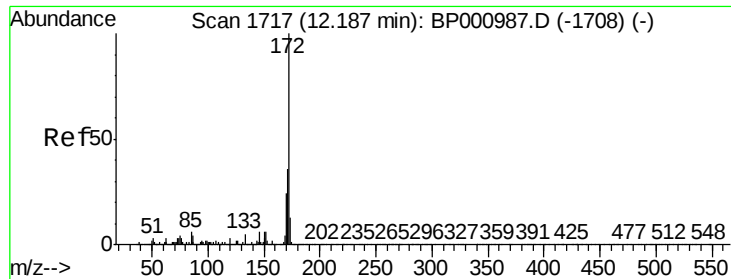


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

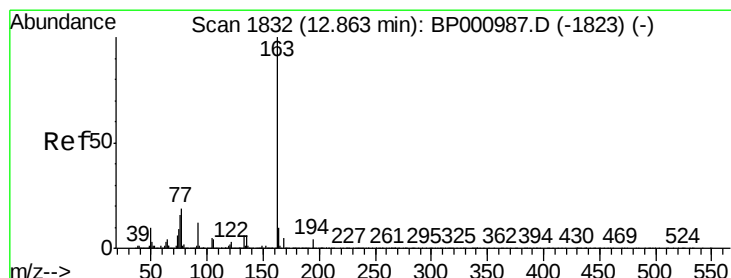
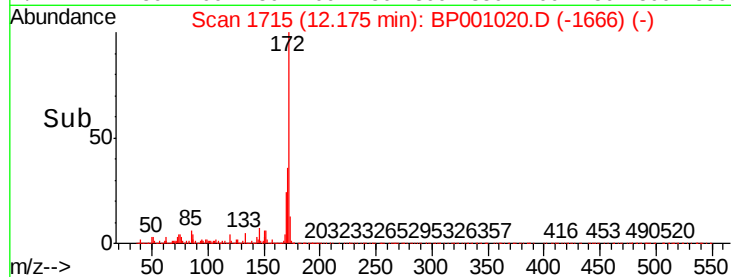
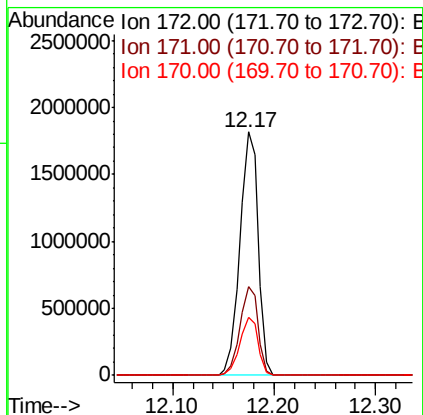
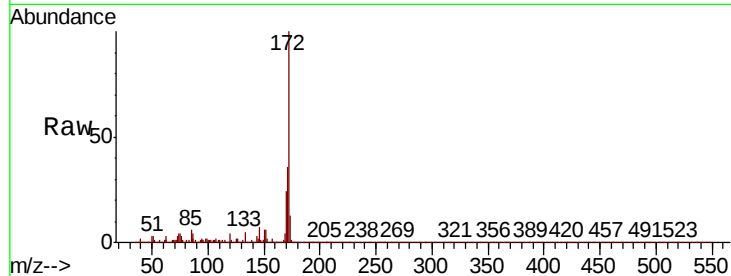




#45
2-Fluorobiphenyl
Concen: 57.601 ng
RT: 12.17 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP001020.D
Acq: 11 Nov 2019 17:12

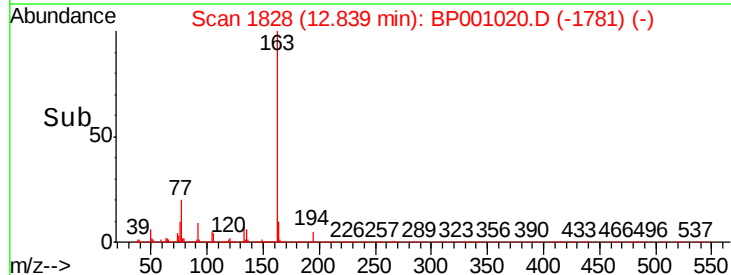
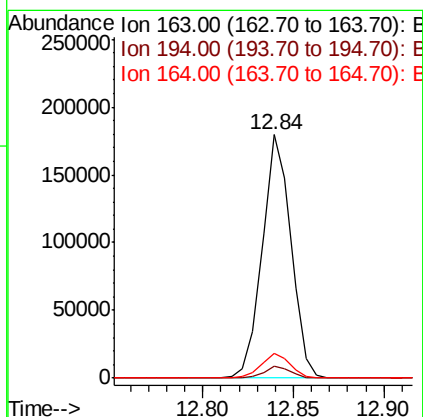
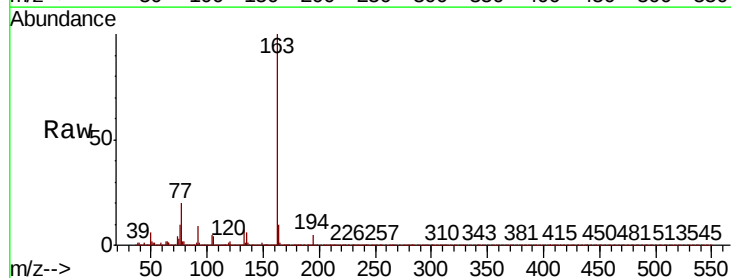
Instrument :
BNA_P
ClientSampleId :
3425

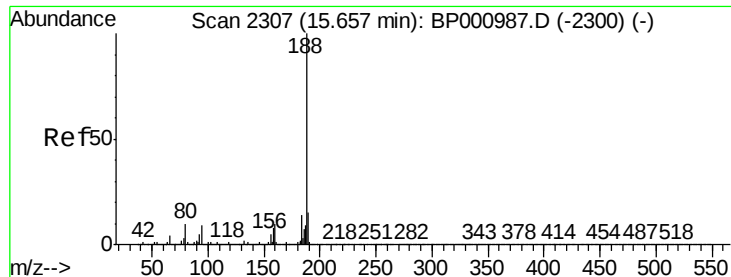
Tot Ion:172 Resp: 2268095
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 23.9 18.9 28.3



#50
Dimethylphthalate
Concen: 4.500 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BP001020.D
Acq: 11 Nov 2019 17:12

Tgt Ion:163 Resp: 197314
Ion Ratio Lower Upper
163 100
194 4.8 3.4 5.2
164 10.3 7.9 11.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.65 min Scan# 2306

Delta R.T. -0.01 min

Lab File: BP001020.D

Acq: 11 Nov 2019 17:12

Instrument :

BNA_P

ClientSampleId :

3425

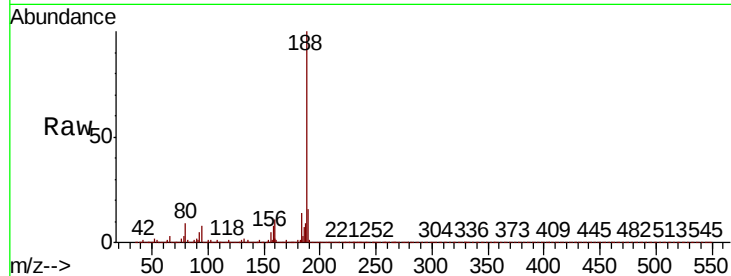
Tot Ion:188 Resp: 1178042

Ion Ratio Lower Upper

188 100

94 8.3 7.4 11.2

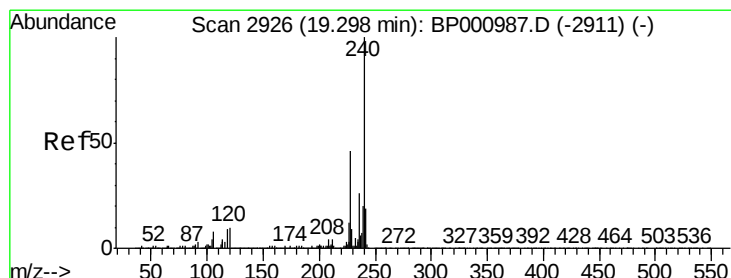
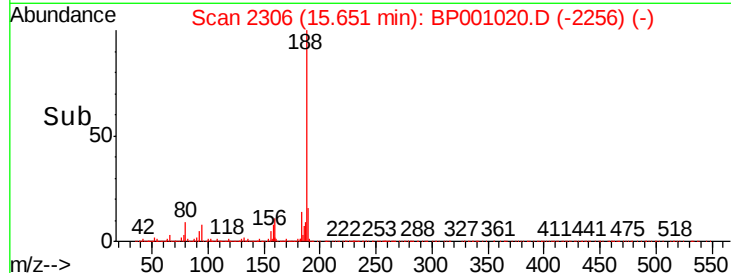
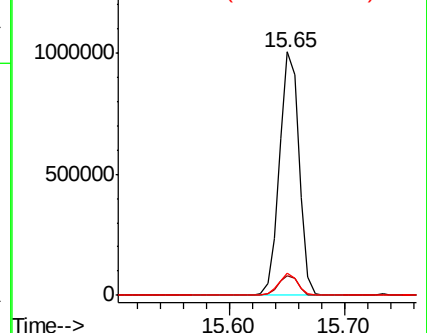
80 9.0 7.9 11.9



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# 2925

Delta R.T. -0.01 min

Lab File: BP001020.D

Acq: 11 Nov 2019 17:12

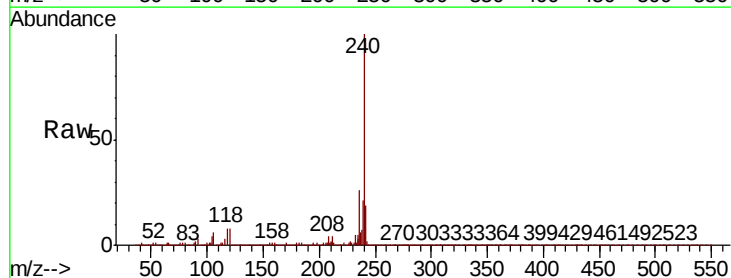
Tgt Ion:240 Resp: 1034851

Ion Ratio Lower Upper

240 100

120 8.3 8.2 12.2

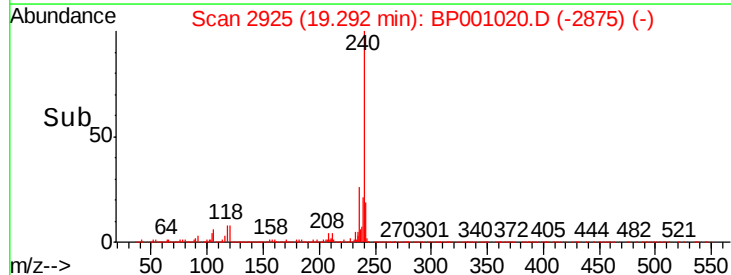
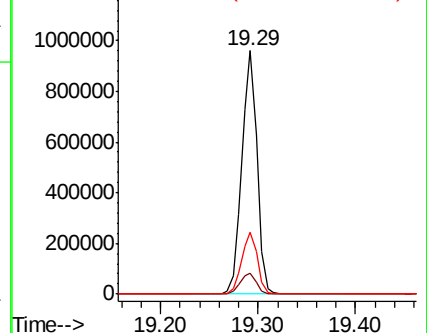
236 25.6 20.5 30.7

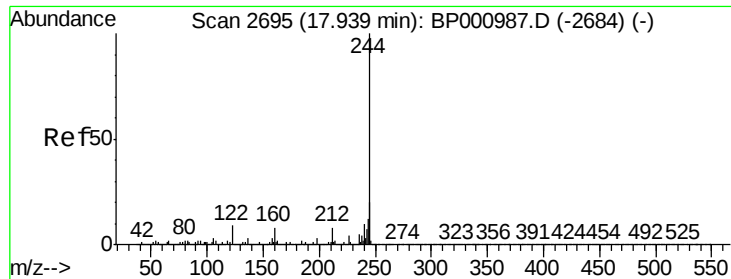


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

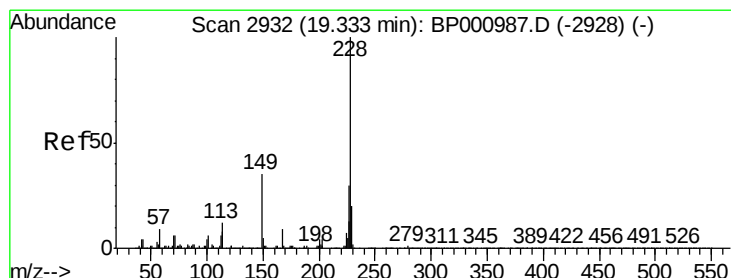
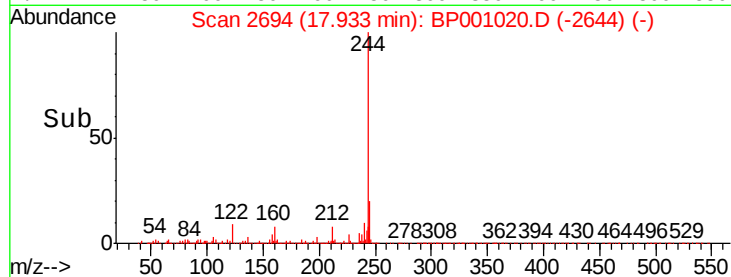
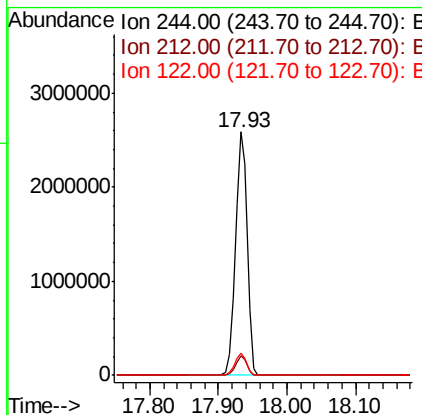
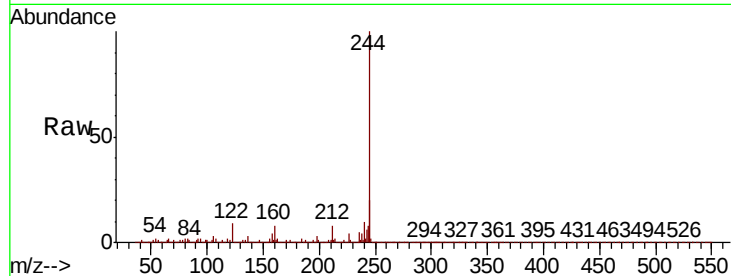




#79
 Terphenyl-d14
 Concen: 57.920 ng
 RT: 17.93 min Scan# 2694
 Delta R.T. -0.01 min
 Lab File: BP001020.D
 Acq: 11 Nov 2019 17:12

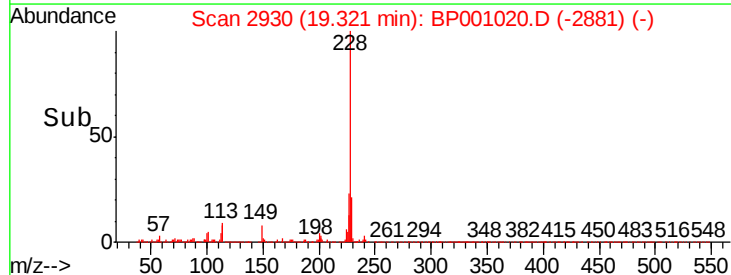
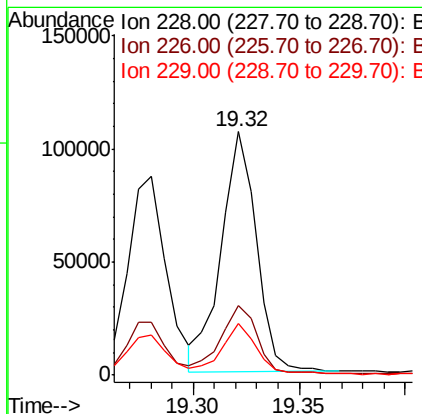
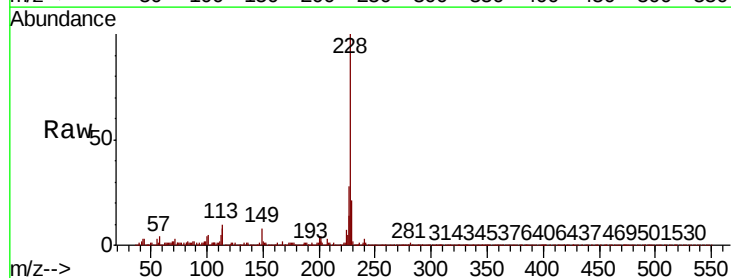
Instrument :
 BNA_P
 ClientSampleId :
 3425

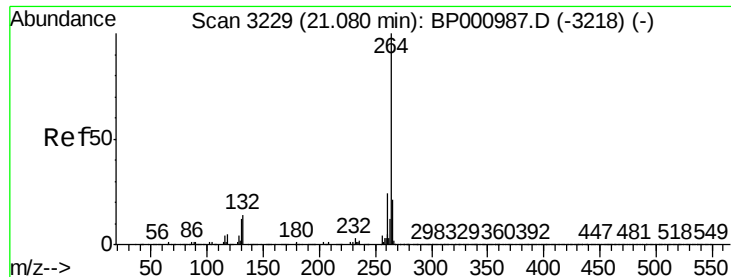
Tot Ion:244 Resp: 3013273
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 9.3 7.4 11.2



#83
 Chrysene
 Concen: 2.005 ng
 RT: 19.32 min Scan# 2930
 Delta R.T. -0.01 min
 Lab File: BP001020.D
 Acq: 11 Nov 2019 17:12

Tgt Ion:228 Resp: 122706
 Ion Ratio Lower Upper
 228 100
 226 28.4 24.2 36.2
 229 21.0 15.8 23.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3228
Delta R.T. -0.01 min
Lab File: BP001020.D
Acq: 11 Nov 2019 17:12

Instrument :
BNA_P
ClientSampleId :
3425

Tot Ion: 264 Resp: 1099057

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.8	28.2
265	21.1	17.1	25.7

