

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
 Data File : BP001132.D
 Acq On : 02 Dec 2019 18:14
 Operator : JU
 Sample : K6066-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 03 00:16:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	152874	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	558572	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	296625	20.00	ng	0.00
64) Phenanthrene-d10	15.62	188	557893	20.00	ng	0.00
76) Chrysene-d12	19.27	240	424063	20.00	ng	0.00
87) Perylene-d12	21.05	264	472500	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.24	112	1034700	112.29	ng	0.01
7) Phenol-d6	7.77	99	1403388	114.32	ng	0.00
23) Nitrobenzene-d5	9.21	82	926381	71.95	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	294338	103.53	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1448456	71.47	ng	0.00
79) Terphenyl-d14	17.91	244	1565291	68.29	ng	0.00

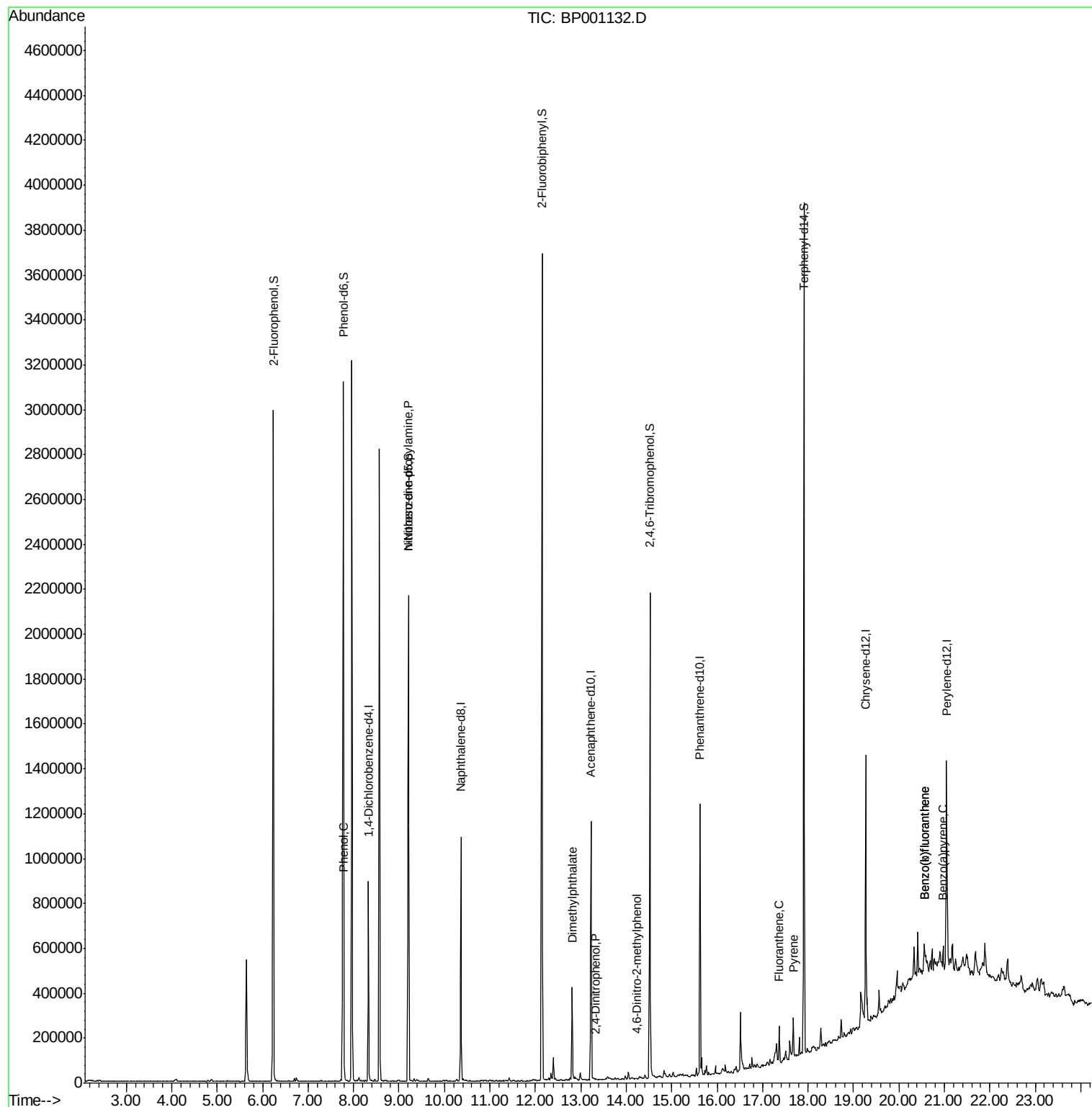
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.62	77	352	Below Cal		# 77
10) Phenol	7.79	94	34711	2.486	ng	# 87
19) n-Nitroso-di-n-propylamine	9.21	70	128420	14.498	ng	# 81
50) Dimethylphthalate	12.81	163	191880	8.649	ng	# 99
54) 2,4-Dinitrophenol	13.33	184	4	7.111	ng	# 1
65) 4,6-Dinitro-2-methylphenol	14.24	198	22	6.284	ng	# 1
75) Fluoranthene	17.37	202	72378	2.331	ng	# 98
78) Pyrene	17.67	202	74408	2.228	ng	# 97
88) Benzo(b)fluoranthene	20.56	252	105286	3.648	ng	# 87
89) Benzo(k)fluoranthene	20.56	252	105286	3.788	ng	# 87
90) Benzo(a)pyrene	20.97	252	54057	2.034	ng	# 85

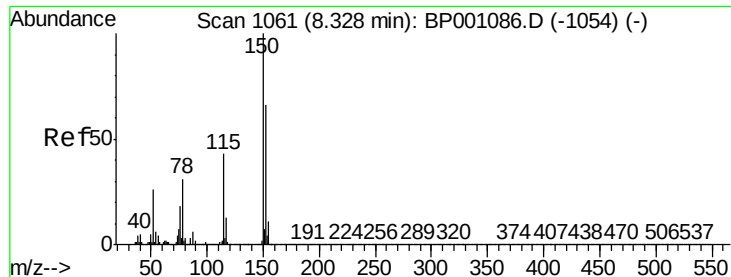
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
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ALS Vial : 13 Sample Multiplier: 1

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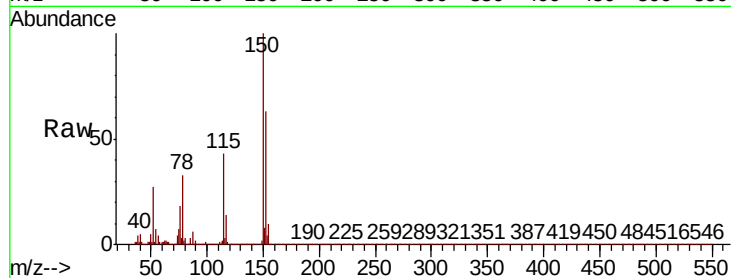




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.33 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BP001132.D
 Acq: 02 Dec 2019 18:14

Instrument :
 BNA_P
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	120.6	181.0
115	68.3	51.6	77.4

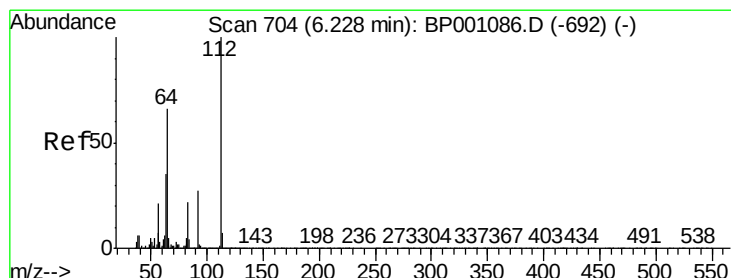
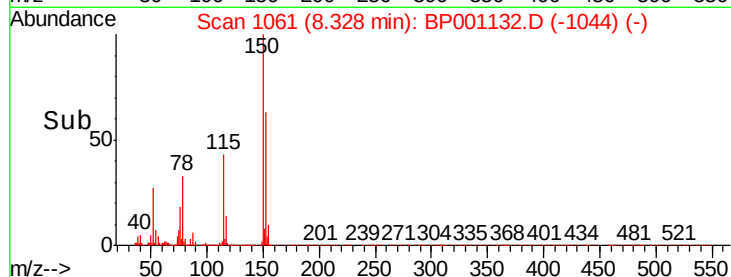
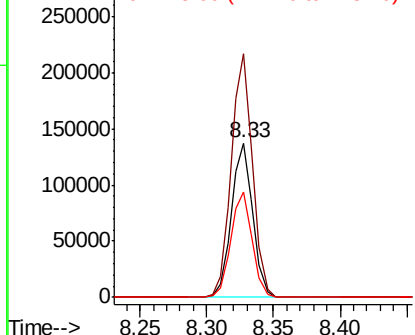


Abundance

Ion 152.00 (151.70 to 152.70): E

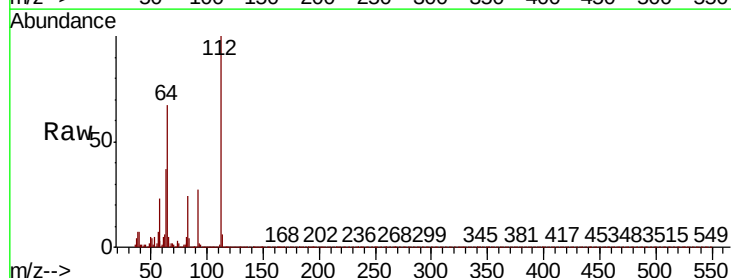
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 112.292 ng
 RT: 6.24 min Scan# 706
 Delta R.T. 0.01 min
 Lab File: BP001132.D
 Acq: 02 Dec 2019 18:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	52.8	79.2
63	37.5	28.2	42.2

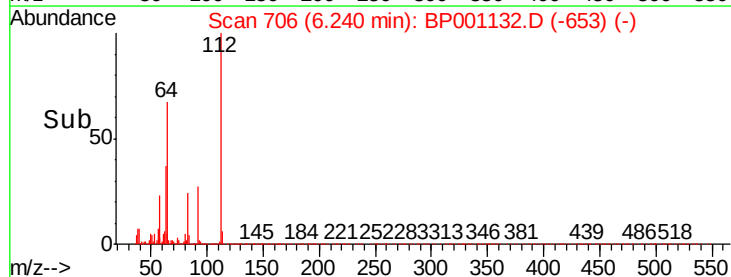
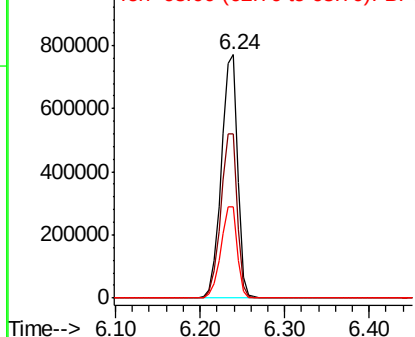


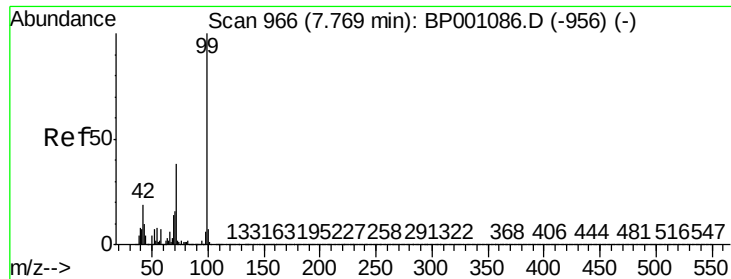
Abundance

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: 114.321 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.01 min

Lab File: BP001132.D

Acq: 02 Dec 2019 18:14

Instrument :

BNA_P

ClientSampled :

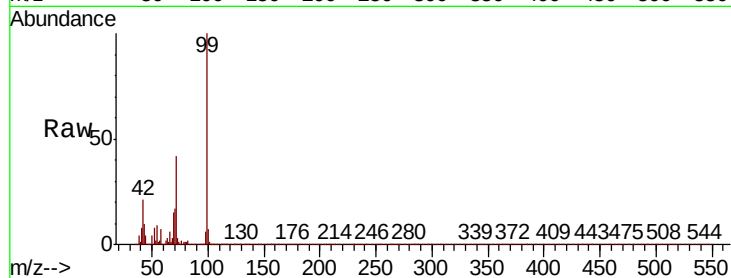
Tot Ion: 99 Resp: 1403388

Ion Ratio Lower Upper

99 100

42 20.6 15.4 23.0

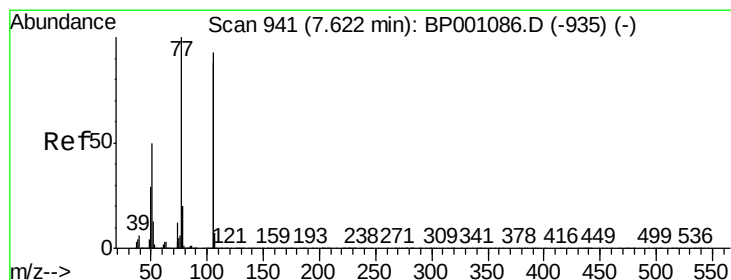
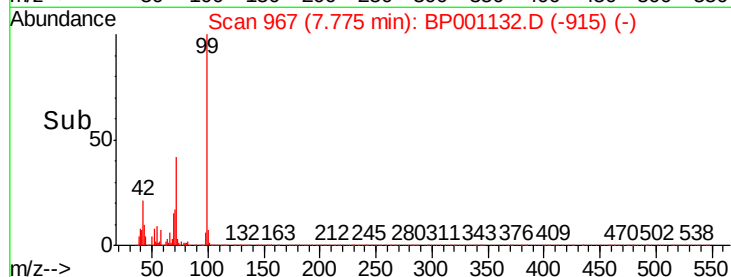
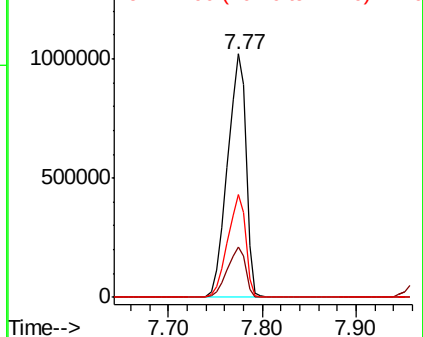
71 42.0 30.8 46.2



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



#9

Benzaldehyde

Concen: Below Cal

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BP001132.D

Acq: 02 Dec 2019 18:14

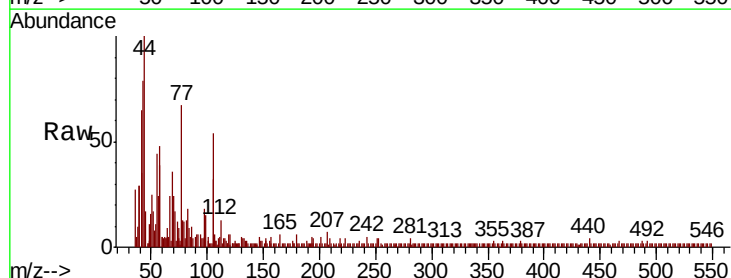
Tgt Ion: 77 Resp: 352

Ion Ratio Lower Upper

77 100

105 80.3 72.5 112.5

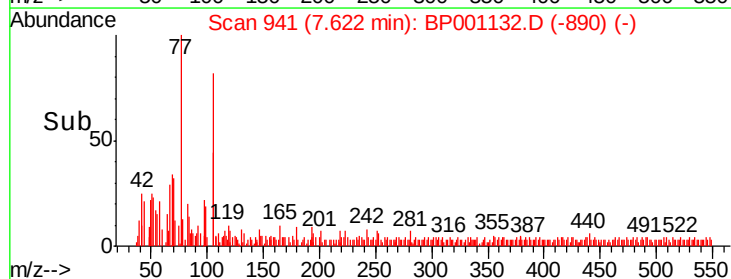
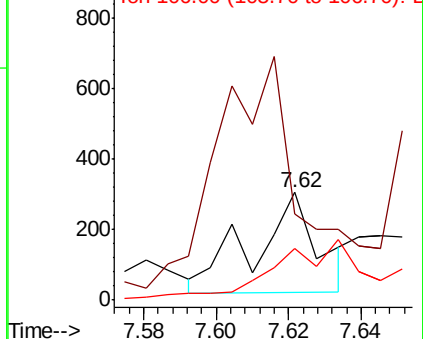
106 56.7 67.6 107.6#

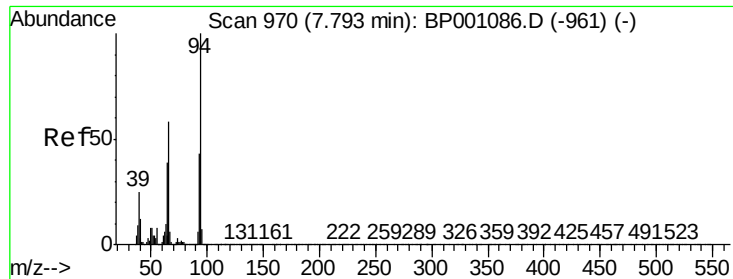


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.486 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BP001132.D

Acq: 02 Dec 2019 18:14

Instrument :

BNA_P

ClientSampleId :

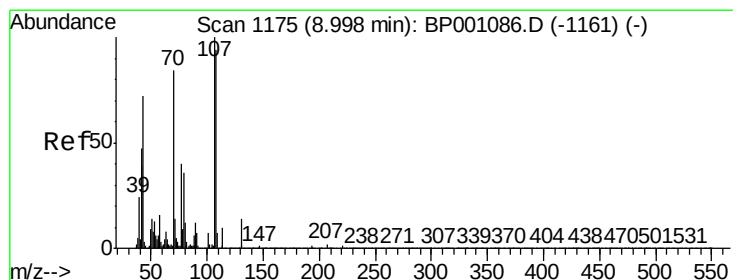
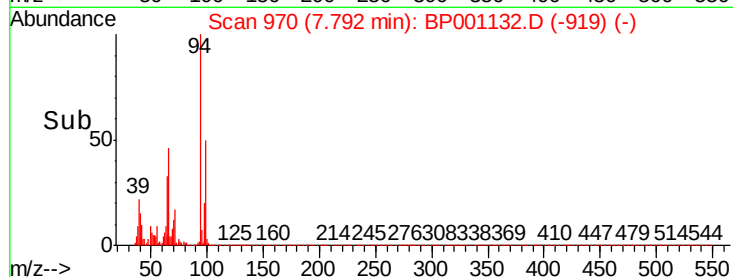
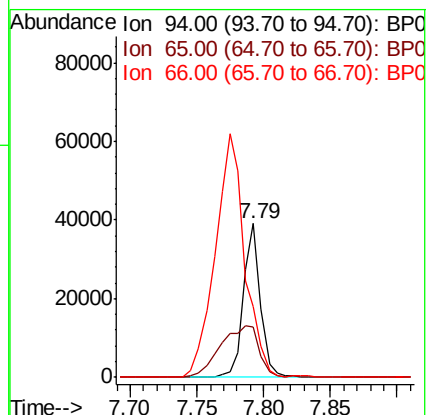
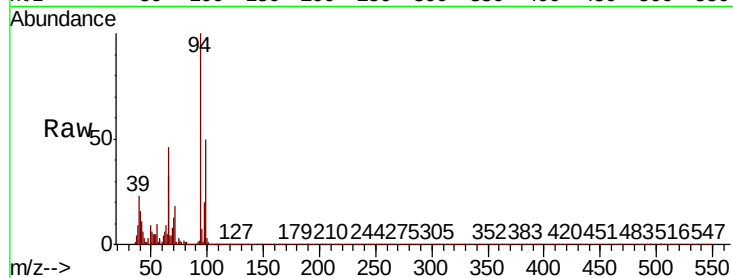
Tot Ion: 94 Resp: 34711

Ion Ratio Lower Upper

94 100

65 33.0 18.6 58.6

66 46.0 37.6 77.6



#19

n-Nitroso-di-n-propylamine

Concen: 14.498 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.21 min

Lab File: BP001132.D

Acq: 02 Dec 2019 18:14

Tgt Ion: 70 Resp: 128420

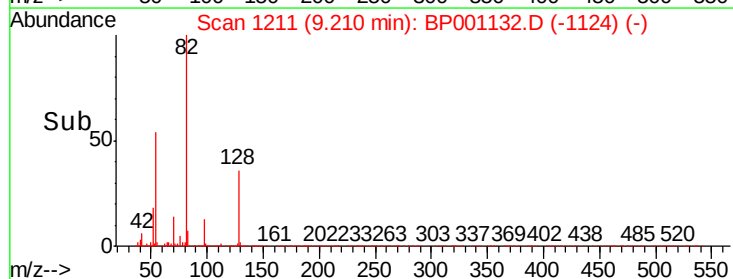
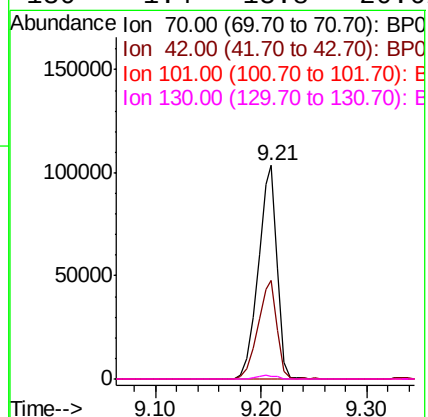
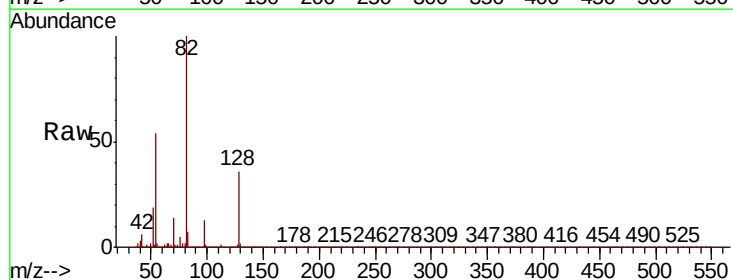
Ion Ratio Lower Upper

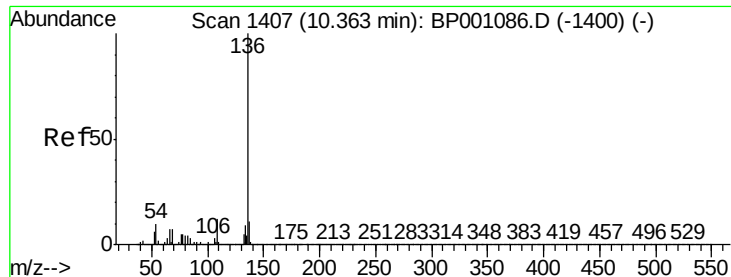
70 100

42 46.3 44.6 66.8

101 0.0 7.1 10.7#

130 1.4 13.8 20.6#

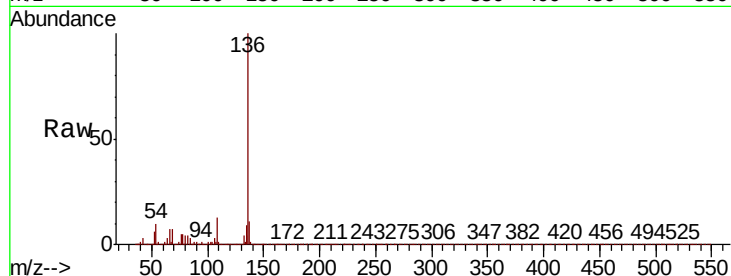




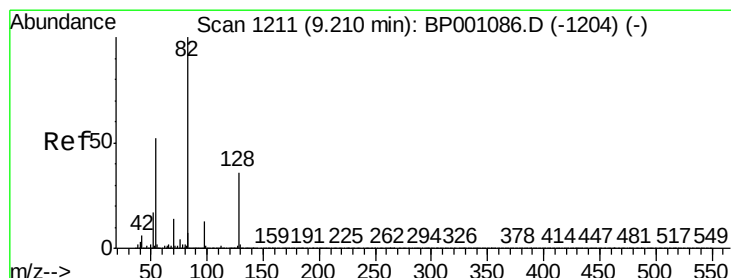
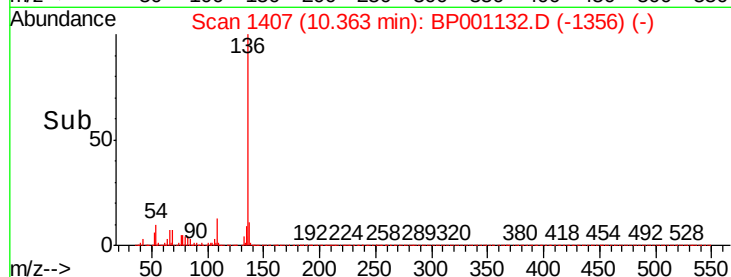
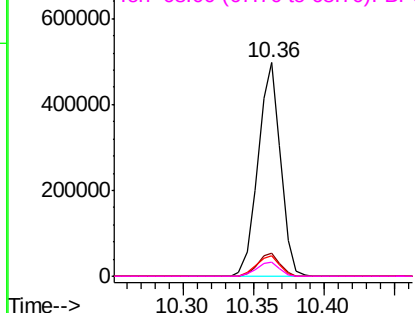
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BP001132.D
Acq: 02 Dec 2019 18:14

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp:	558572	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.8	13.2	
54 9.9	7.9	11.9	
68 6.6	5.6	8.4	

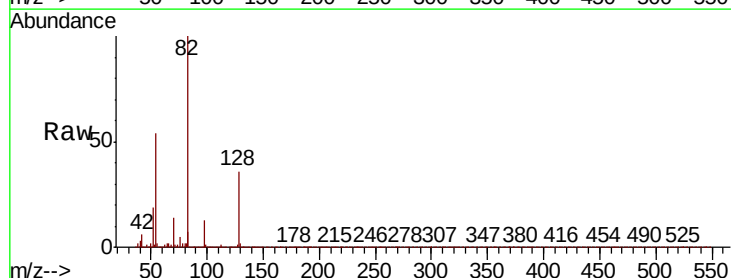


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

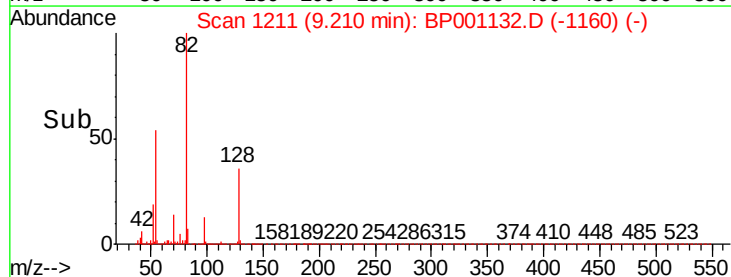
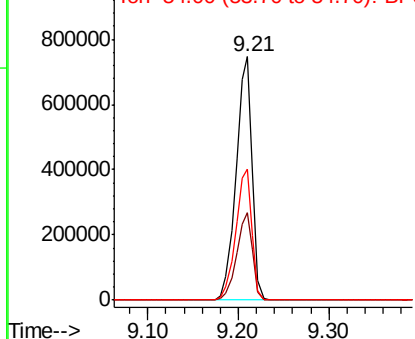


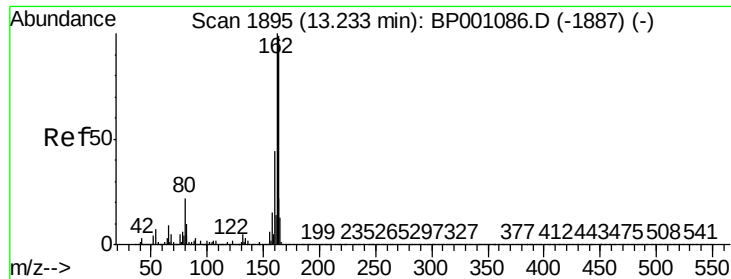
#23
Nitrobenzene-d5
Concen: 71.955 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BP001132.D
Acq: 02 Dec 2019 18:14

Tgt	Ion: 82	Resp:	926381
Ion	Ratio	Lower	Upper
82	100		
128	35.8	28.9	43.3
54	53.8	41.9	62.9



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: 13.23 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BP001132.D

Acq: 02 Dec 2019 18:14

Instrument :

BNA_P

ClientSampleId :

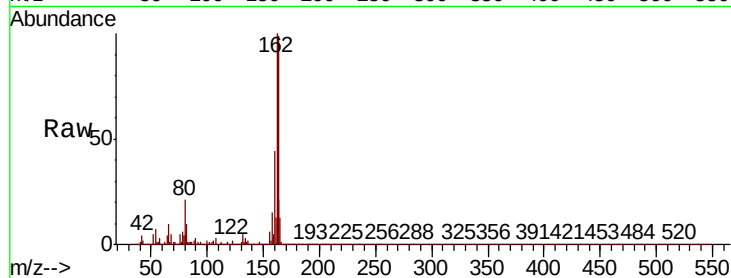
Tot Ion:164 Resp: 296625

Ion Ratio Lower Upper

164 100

162 100.8 80.6 120.8

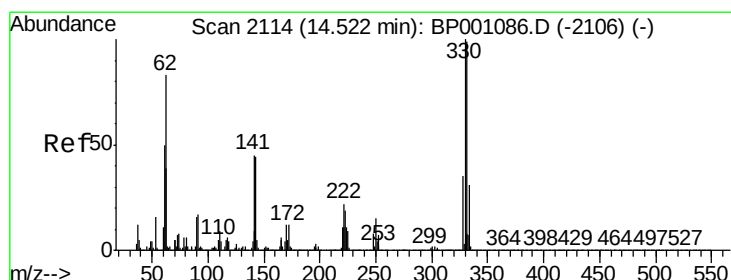
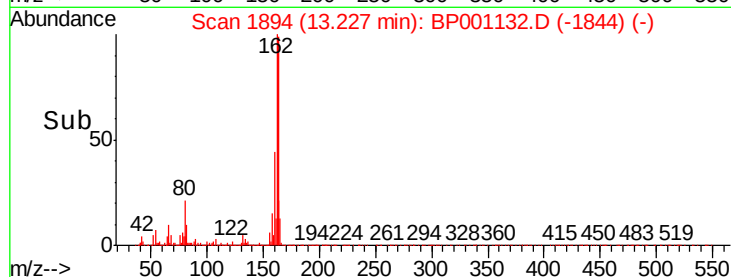
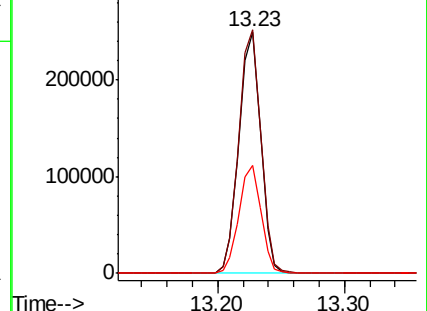
160 44.7 35.4 53.2



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: 103.525 ng

RT: 14.52 min Scan# 2114

Delta R.T. -0.00 min

Lab File: BP001132.D

Acq: 02 Dec 2019 18:14

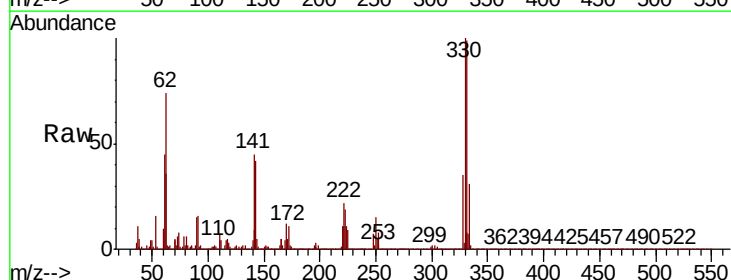
Tgt Ion:330 Resp: 294338

Ion Ratio Lower Upper

330 100

332 98.8 77.6 116.4

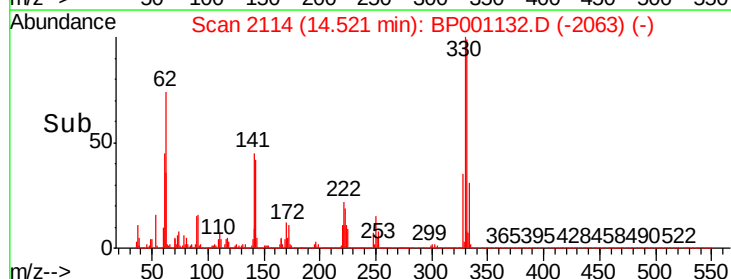
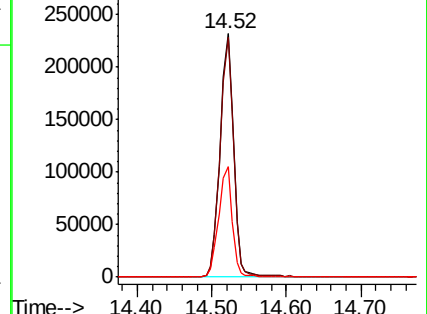
141 45.3 34.2 51.2

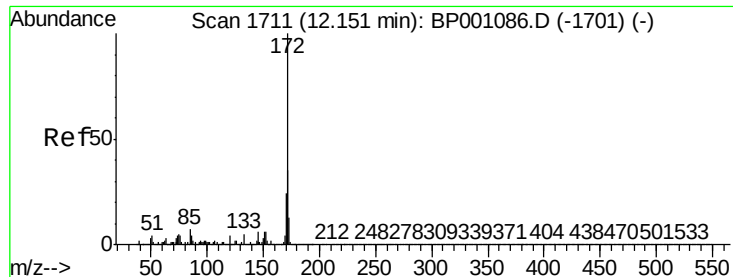


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

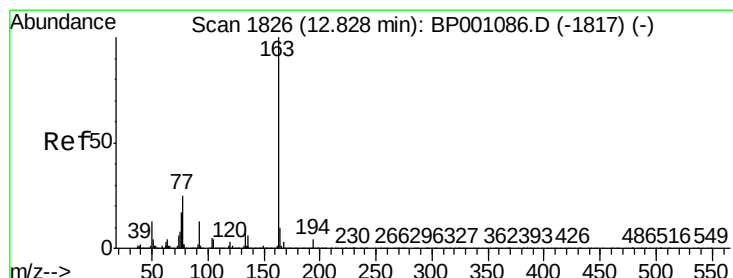
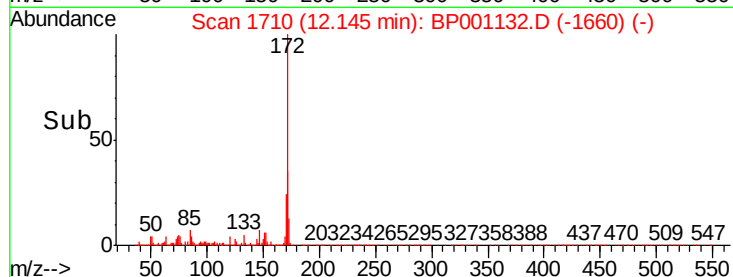
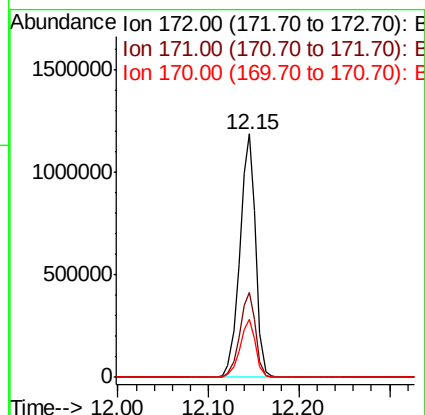
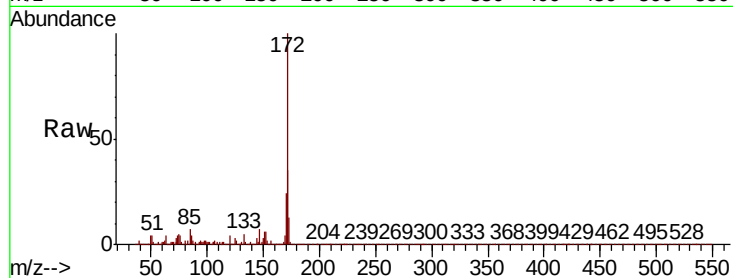




#45
2-Fluorobiphenyl
Concen: 71.468 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001132.D
Acq: 02 Dec 2019 18:14

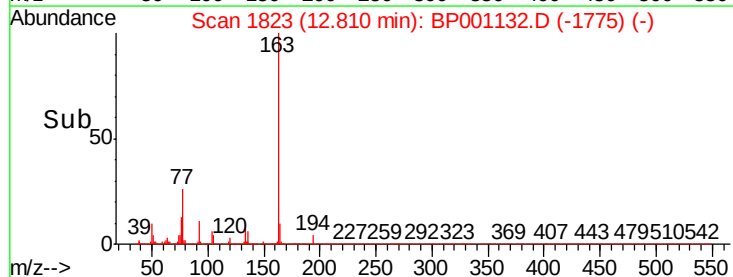
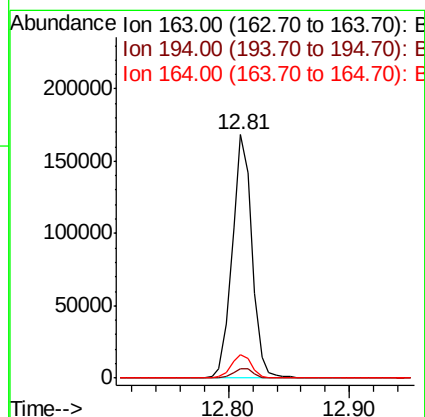
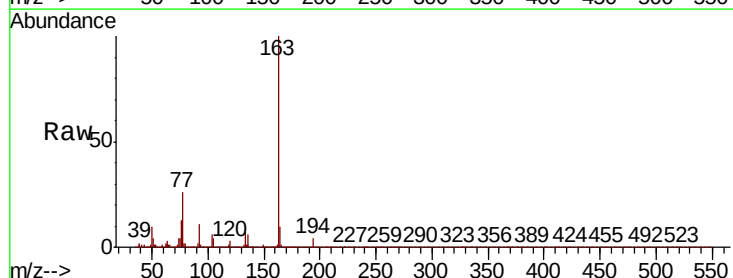
Instrument :
BNA_P
ClientSampleId :

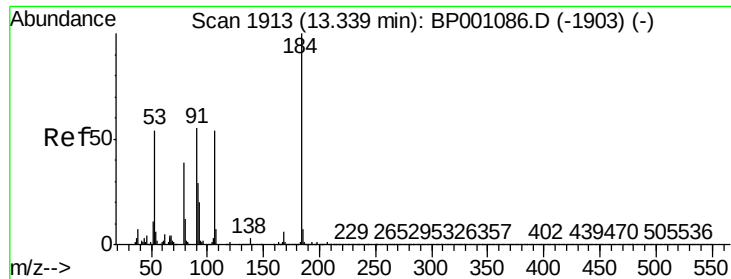
Tot Ion:172 Resp: 1448456
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.9 19.0 28.4



#50
Dimethylphthalate
Concen: 8.649 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BP001132.D
Acq: 02 Dec 2019 18:14

Tgt Ion:163 Resp: 191880
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 9.8 8.1 12.1

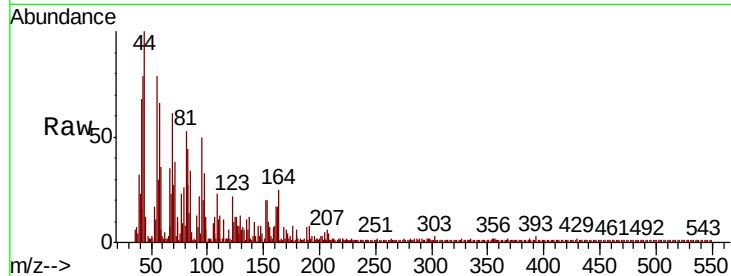




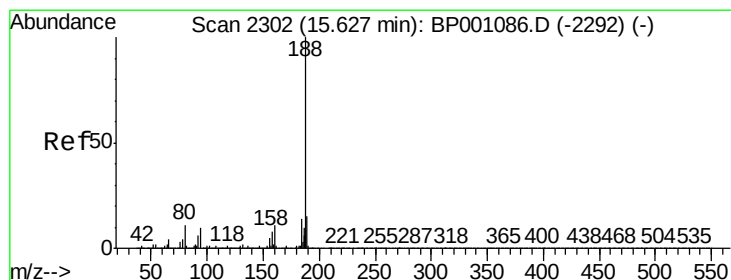
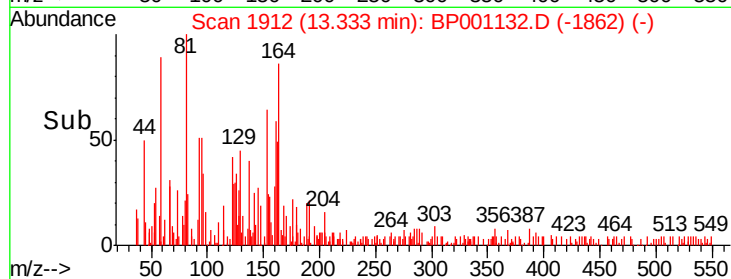
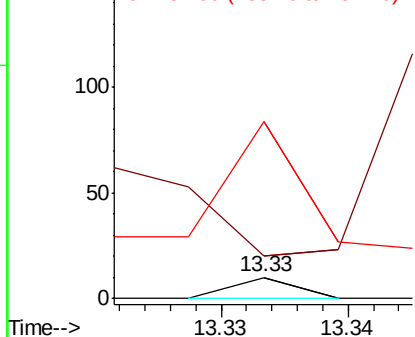
#54
2,4-Dinitrophenol
Concen: 7.111 ng
RT: 13.33 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BP001132.D
Acq: 02 Dec 2019 18:14

Instrument :
BNA_P
ClientSampleId :

Tot Ion:184 Resp: 4
Ion Ratio Lower Upper
184 100
63 200.0 60.7 91.1#
154 840.0 56.2 84.2#

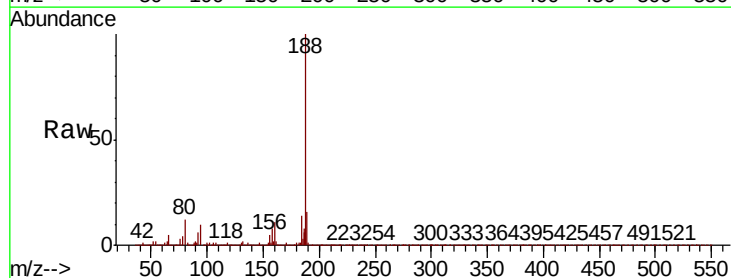


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 154.00 (153.70 to 154.70): E

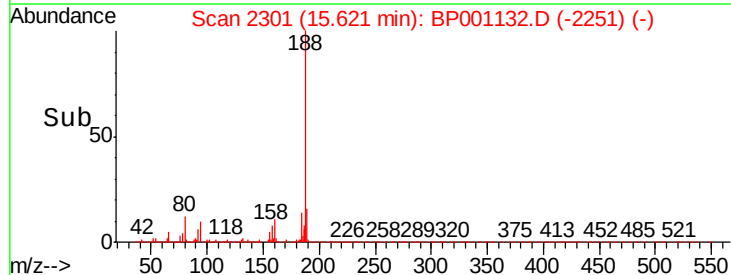
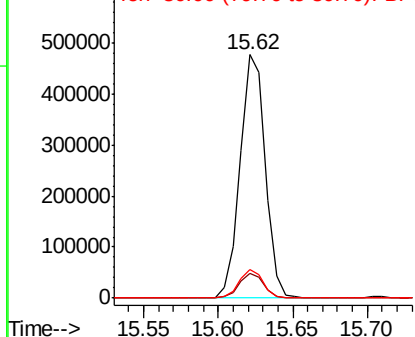


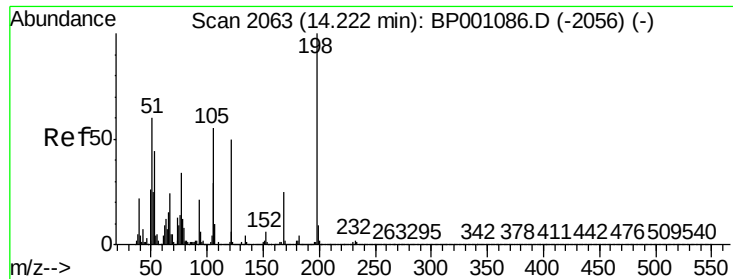
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BP001132.D
Acq: 02 Dec 2019 18:14

Tgt Ion:188 Resp: 557893
Ion Ratio Lower Upper
188 100
94 10.2 7.9 11.9
80 11.9 8.8 13.2



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





#65

4,6-Dinitro-2-methylphenol

Concen: 6.284 ng

RT: 14.24 min Scan# 2066

Delta R.T. 0.02 min

Lab File: BP001132.D

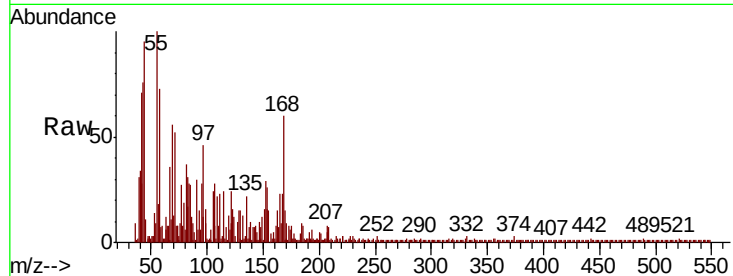
Acq: 02 Dec 2019 18:14

Instrument :

BNA_P

ClientSampled :

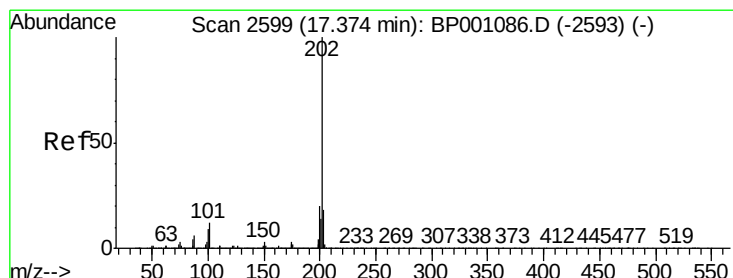
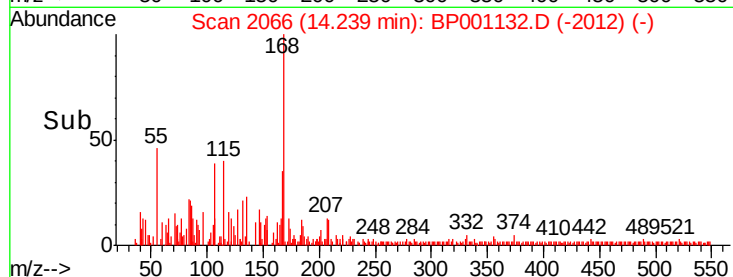
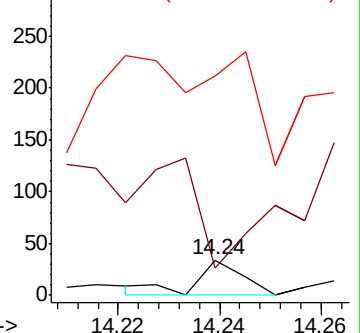
Tot Ion:	198	Resp:	22
Ion	Ratio	Lower	Upper
198	100		
51	144.1	40.5	80.5#
105	623.5	35.7	75.7#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#75

Fluoranthene

Concen: 2.331 ng

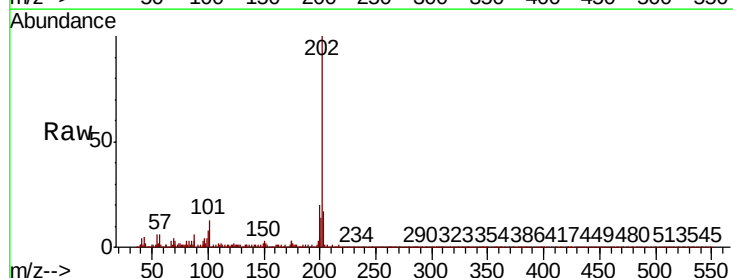
RT: 17.37 min Scan# 2598

Delta R.T. -0.01 min

Lab File: BP001132.D

Acq: 02 Dec 2019 18:14

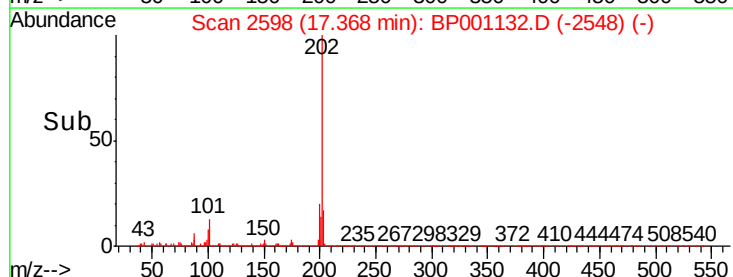
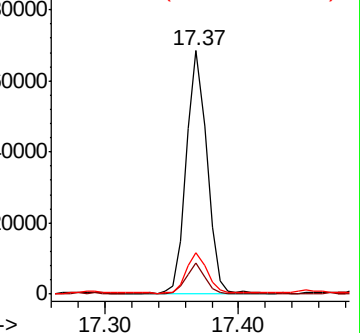
Tgt Ion:	202	Resp:	72378
Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	32.1
203	17.1	0.0	37.8

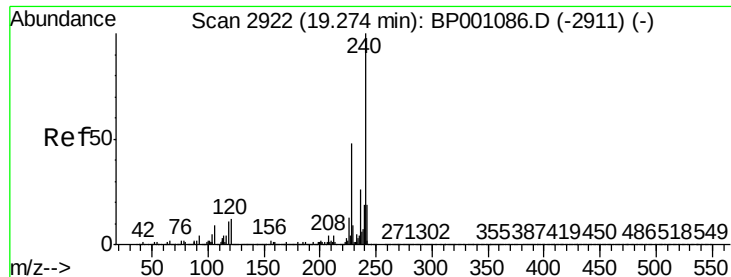


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

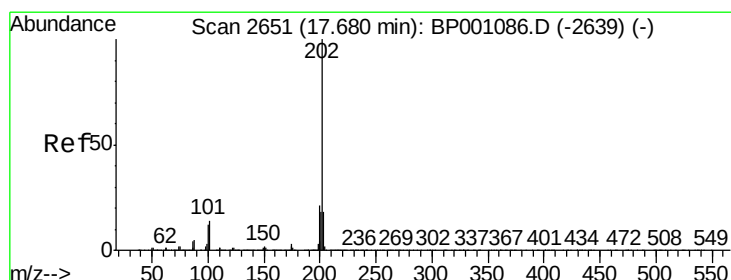
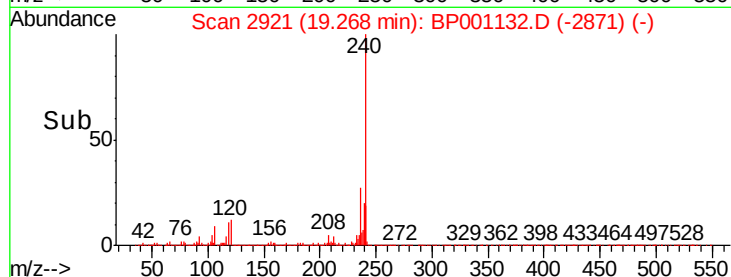
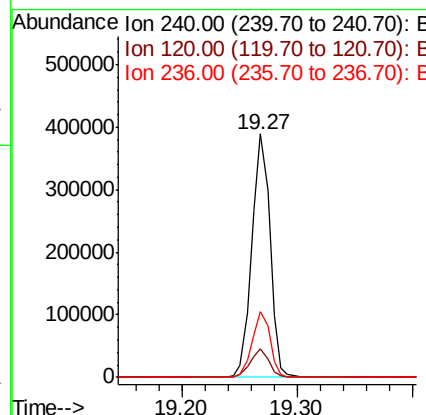
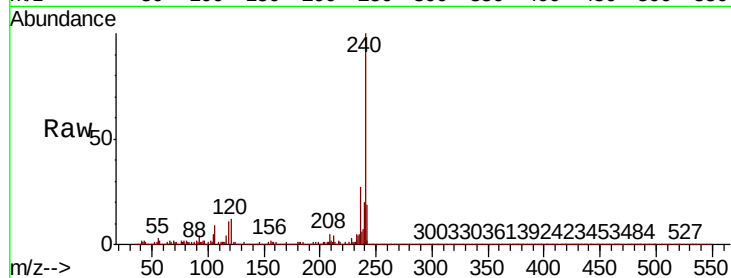




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.27 min Scan# 2921
Delta R.T. -0.01 min
Lab File: BP001132.D
Acq: 02 Dec 2019 18:14

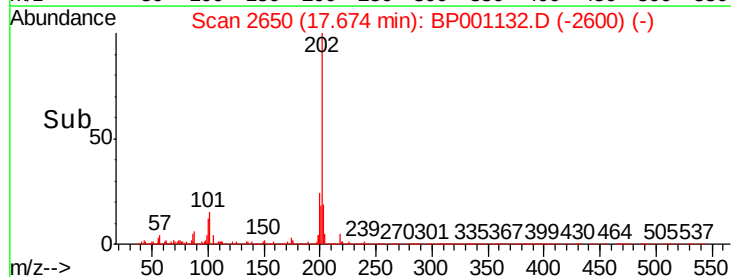
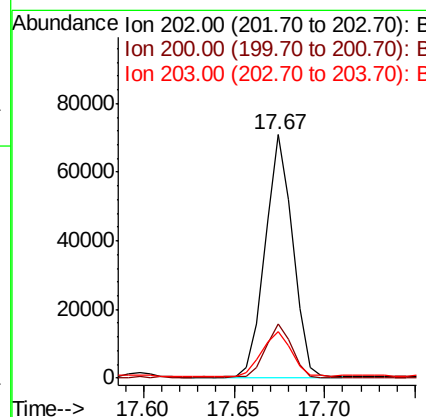
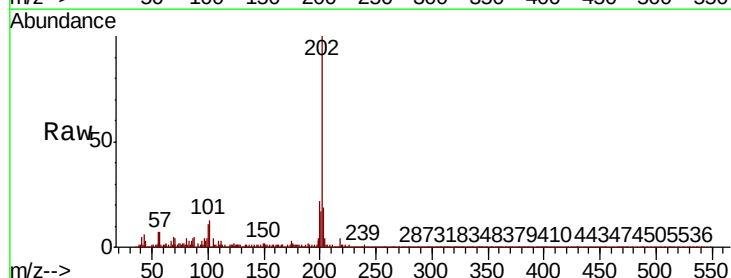
Instrument :
BNA_P
ClientSampled :

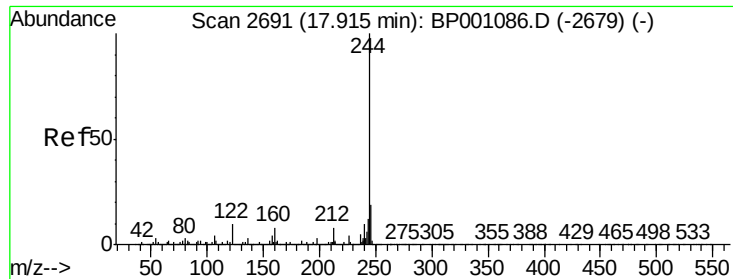
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	27.0	20.4	30.6



#78
Pyrene
Concen: 2.228 ng
RT: 17.67 min Scan# 2650
Delta R.T. -0.01 min
Lab File: BP001132.D
Acq: 02 Dec 2019 18:14

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.0	25.6
203	19.2	14.1	21.1





#79

Terphenyl-d14

Concen: 68.290 ng

RT: 17.91 min Scan# 2690

Delta R.T. -0.01 min

Lab File: BP001132.D

Acq: 02 Dec 2019 18:14

Instrument :

BNA_P

ClientSampleId :

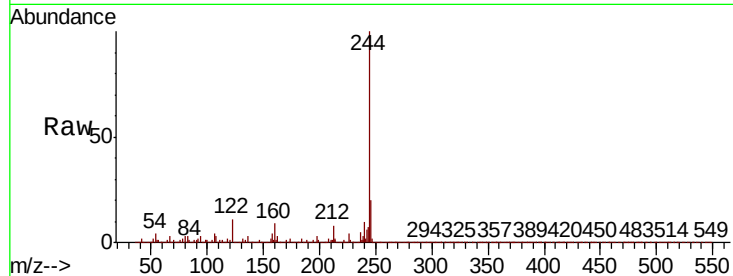
Tot Ion:244 Resp: 1565291

Ion Ratio Lower Upper

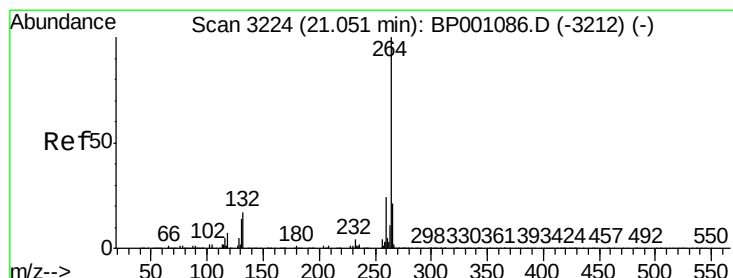
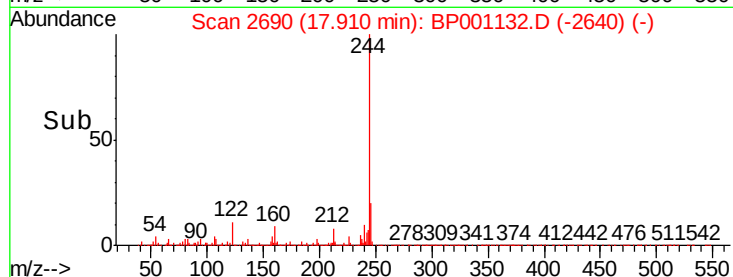
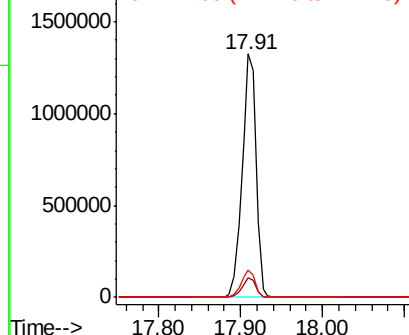
244 100

212 8.2 6.2 9.2

122 11.3 8.2 12.2



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: 21.05 min Scan# 3224

Delta R.T. -0.00 min

Lab File: BP001132.D

Acq: 02 Dec 2019 18:14

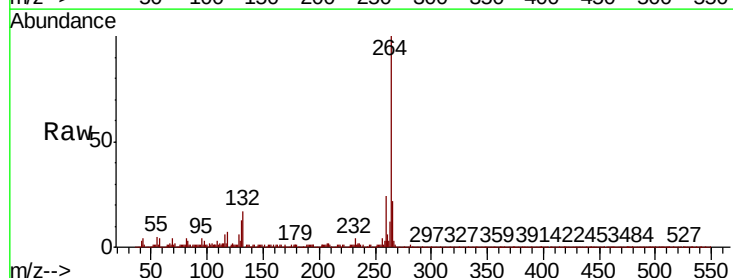
Tgt Ion:264 Resp: 472500

Ion Ratio Lower Upper

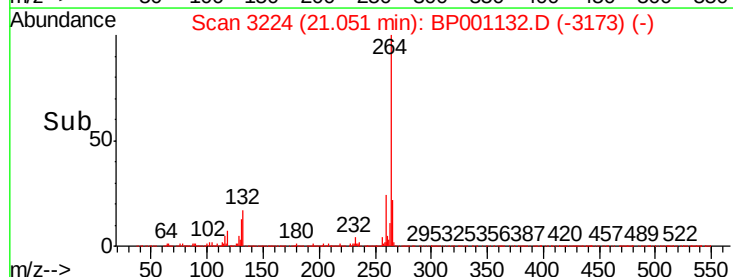
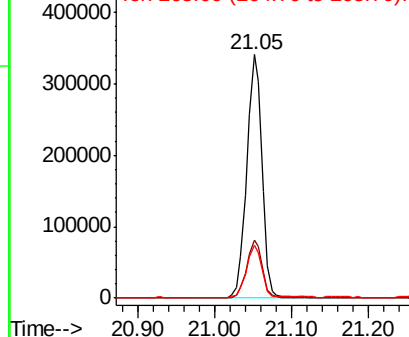
264 100

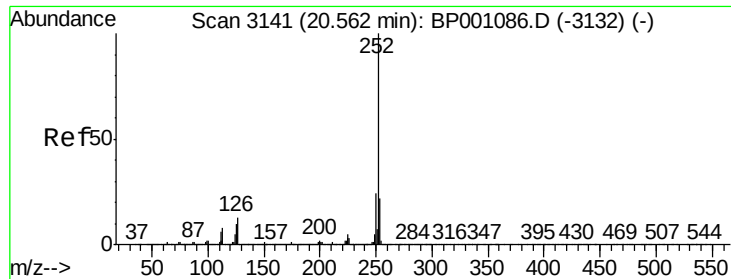
260 23.8 18.8 28.2

265 21.9 16.9 25.3



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

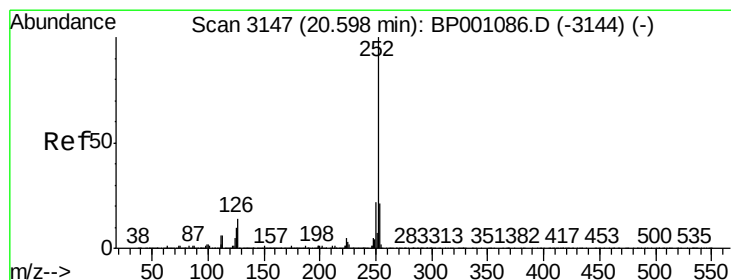
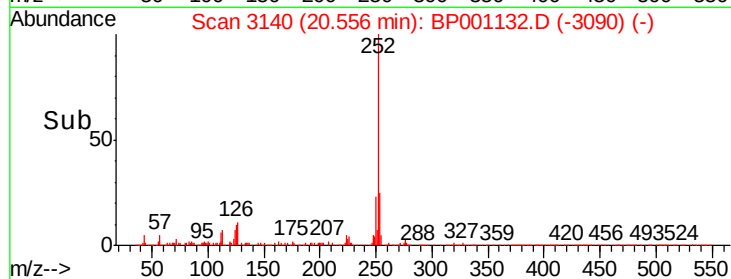
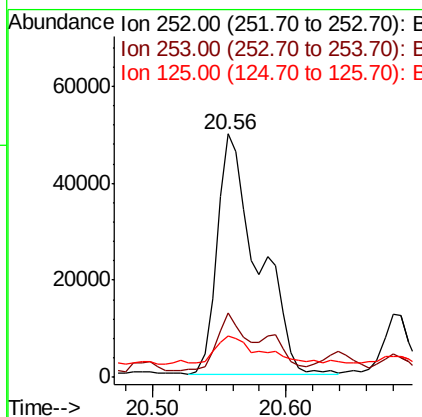
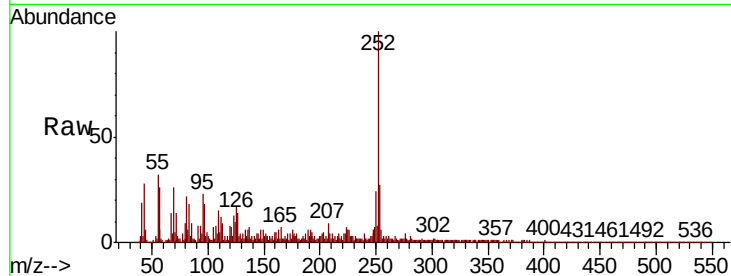




#88
Benzo(b)fluoranthene
Concen: 3.648 ng
RT: 20.56 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BP001132.D
Acq: 02 Dec 2019 18:14

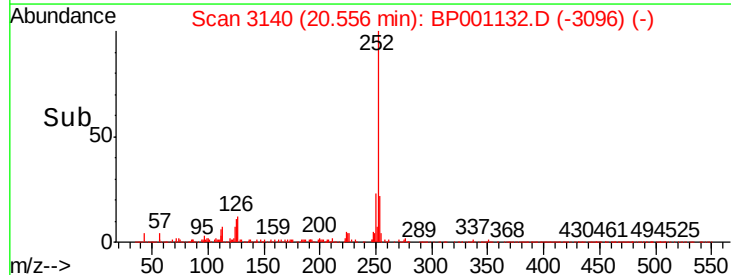
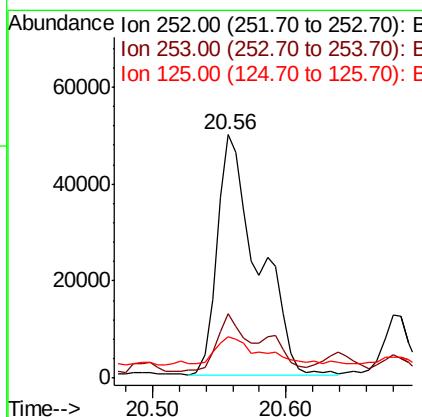
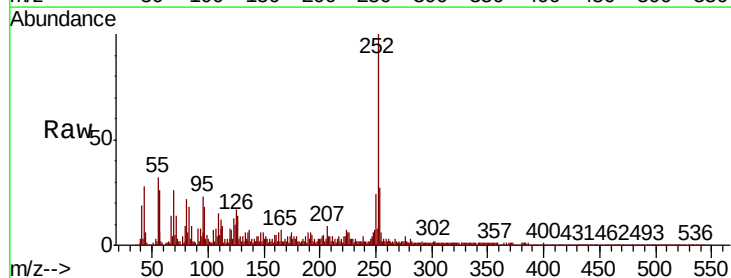
Instrument :
BNA_P
ClientSampleId :

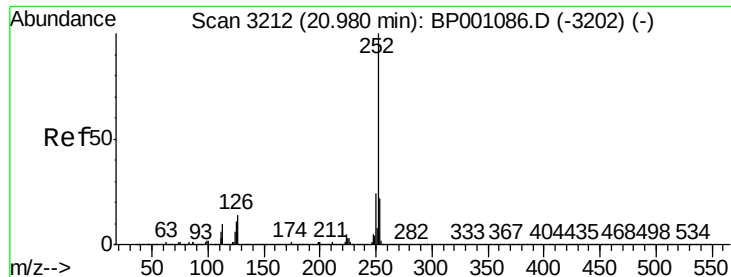
Tot Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.4	26.0#
125	16.9	8.1	12.1#



#89
Benzo(k)fluoranthene
Concen: 3.788 ng
RT: 20.56 min Scan# 3140
Delta R.T. -0.04 min
Lab File: BP001132.D
Acq: 02 Dec 2019 18:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.1	25.7#
125	16.9	8.2	12.2#





#90

Benzo(a)pyrene

Concen: 2.034 ng

RT: 20.97 min Scan# 3211

Delta R.T. -0.01 min

Lab File: BP001132.D

Acq: 02 Dec 2019 18:14

Instrument :

BNA_P

ClientSampleId :

Tot Ion: 252 Resp: 54057

Ion Ratio Lower Upper

252 100

253 27.4 17.4 26.0#

125 18.9 8.7 13.1#

