

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
 Data File : BP000299.D
 Acq On : 18 Sep 2019 16:01
 Operator : HP/JU
 Sample : K4938-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 19 03:18:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 16 18:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	268927	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	973628	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	531513	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	989395	20.00	ng	0.00
76) Chrysene-d12	13.99	240	842813	20.00	ng	-0.01
87) Perylene-d12	15.47	264	902733	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	602903	38.70	ng	0.01
7) Phenol-d6	6.42	99	1395908	73.10	ng	0.00
23) Nitrobenzene-d5	7.35	82	1247598	82.67	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	216773	41.12	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2685264	90.93	ng	0.00
79) Terphenyl-d14	12.93	244	3287312	81.82	ng	0.00

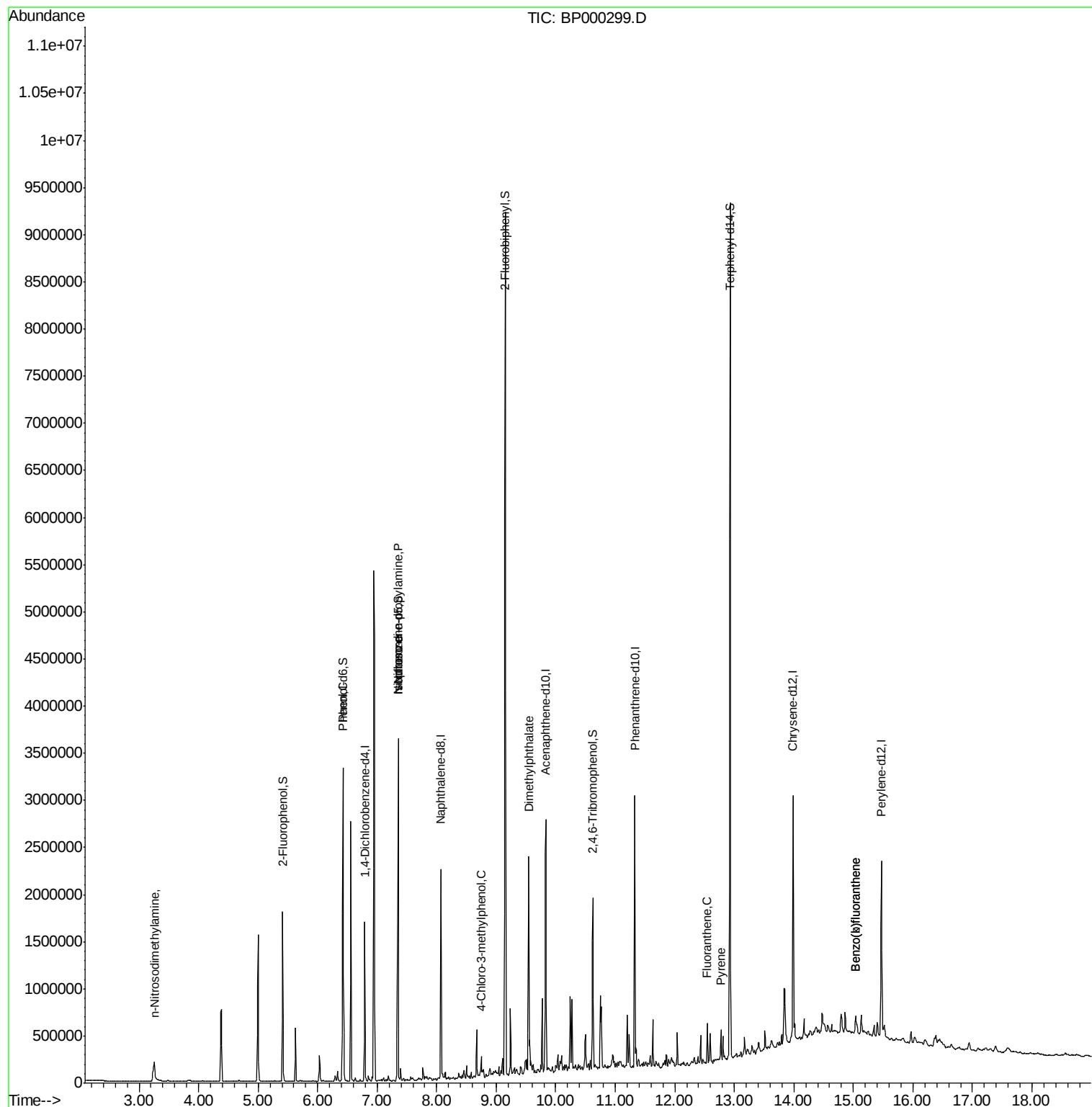
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	3.25	42	12228	2.292	ng	# 1
9) Benzaldehyde	6.33	77	16862	Below Cal		99
10) Phenol	6.43	94	194391	8.960	ng	98
19) n-Nitroso-di-n-propylamine	7.35	70	155458	15.398	ng	# 75
25) Isophorone	7.35	82	1246161	41.704	ng	# 63
36) 4-Chloro-3-methylphenol	8.75	107	67772	4.706	ng	# 18
50) Dimethylphthalate	9.55	163	861805	23.798	ng	99
69) Atrazine	11.02	200	419	Below Cal		# 62
75) Fluoranthene	12.55	202	155328	2.918	ng	97
78) Pyrene	12.78	202	143222	2.271	ng	98
88) Benzo(b)fluoranthene	15.03	252	134091	2.490	ng	# 93
89) Benzo(k)fluoranthene	15.03	252	134091	2.854	ng	# 93

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
Data File : BP000299.D
Acq On : 18 Sep 2019 16:01
Operator : HP/JU
Sample : K4938-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 19 03:18:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 16 18:59:05 2019
Response via : Initial Calibration



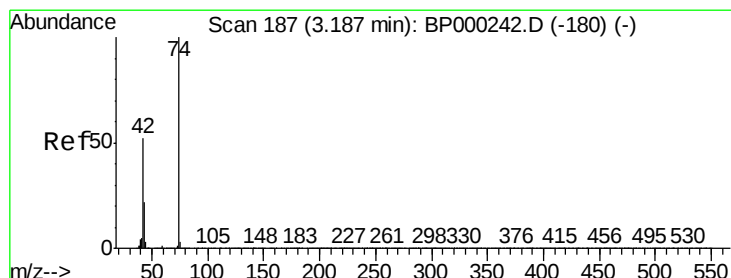
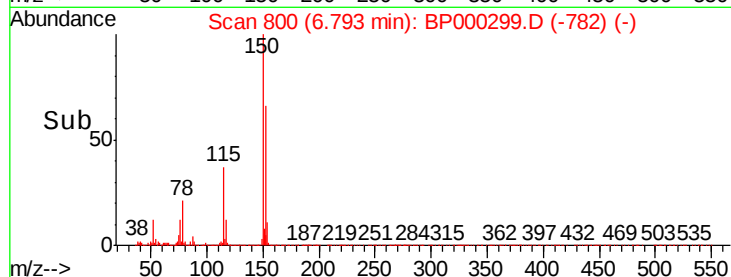
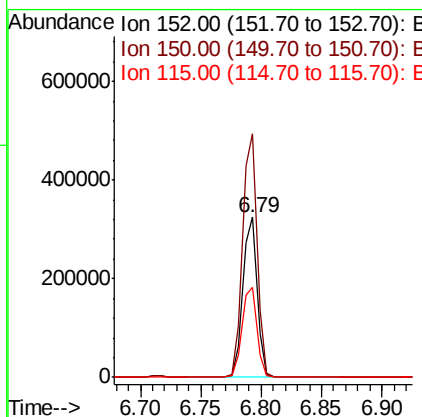
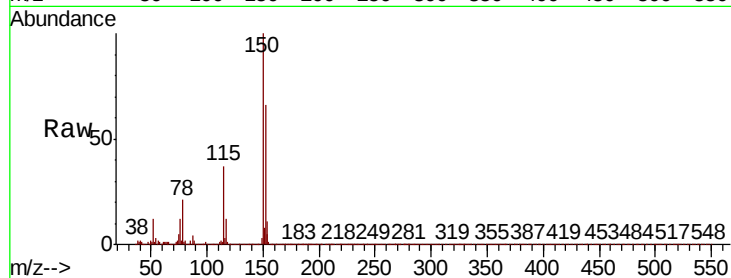


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000299.D
Acq: 18 Sep 2019 16:01

Instrument :
BNA_P
ClientSampleId :

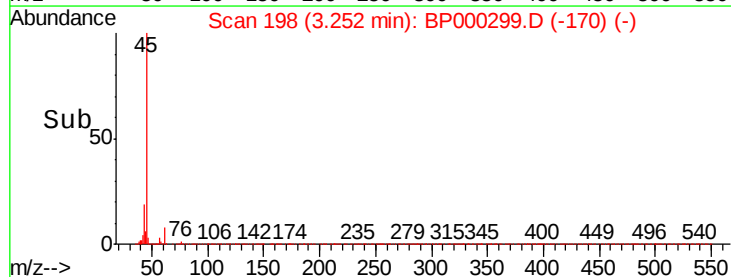
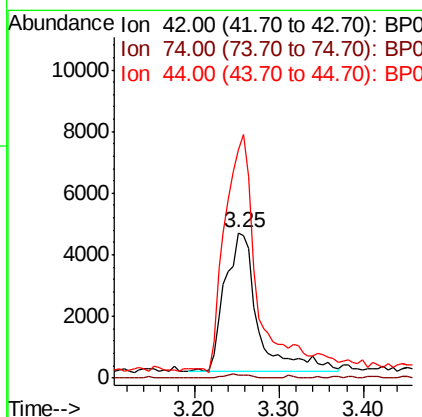
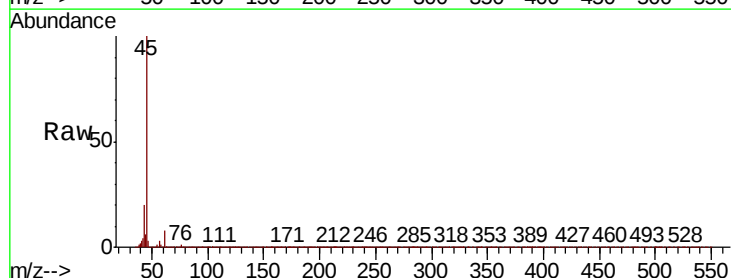
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	125.2	187.8
115	56.2	49.7	74.5

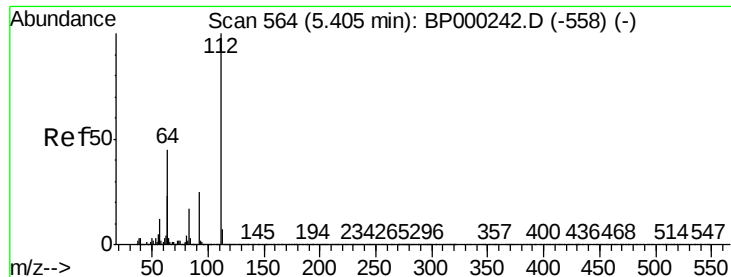


#4

n-Nitrosodimethylamine
Concen: 2.292 ng
RT: 3.25 min Scan# 198
Delta R.T. 0.06 min
Lab File: BP000299.D
Acq: 18 Sep 2019 16:01

Tgt Ion	Ratio	Lower	Upper
42	100		
74	2.2	154.5	231.7#
44	157.1	5.9	8.9#





#5

2-Fluorophenol

Concen: 38.703 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BP000299.D

Acq: 18 Sep 2019 16:01

Instrument :

BNA_P

ClientSampleId :

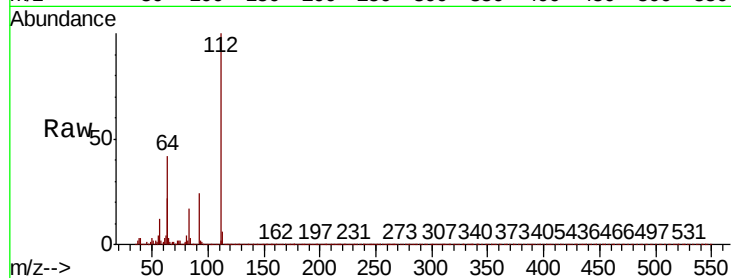
Tot Ion: 112 Resp: 602903

Ion Ratio Lower Upper

112 100

64 42.4 36.2 54.4

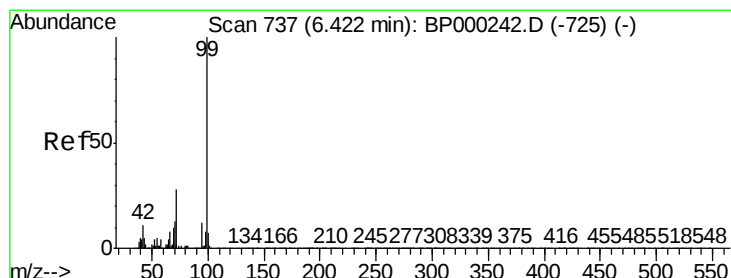
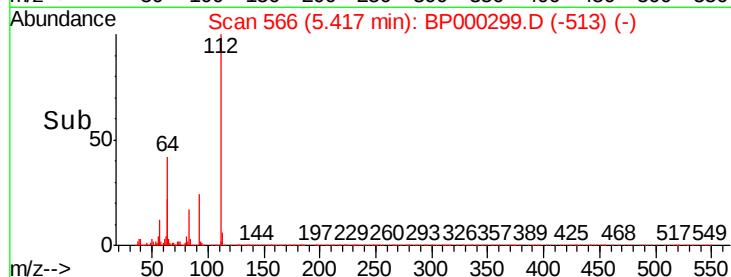
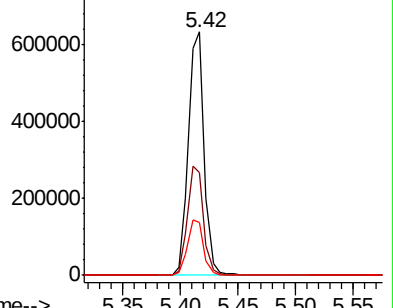
63 21.7 18.3 27.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#7

Phenol-d6

Concen: 73.103 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BP000299.D

Acq: 18 Sep 2019 16:01

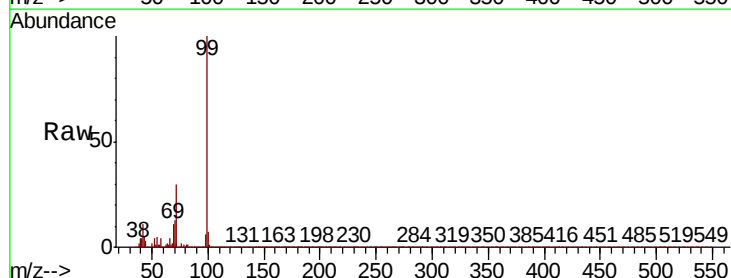
Tgt Ion: 99 Resp: 1395908

Ion Ratio Lower Upper

99 100

42 11.2 8.5 12.7

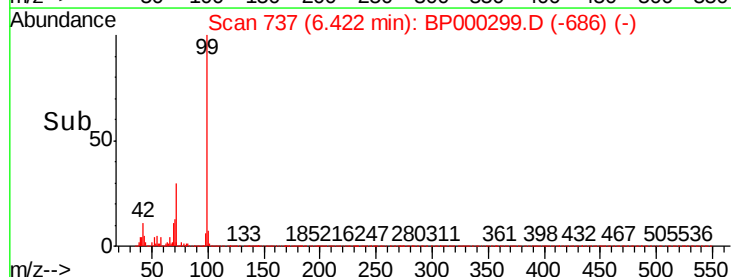
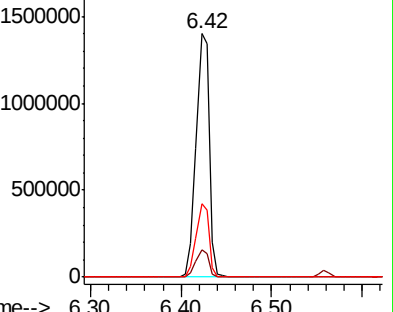
71 30.3 22.6 34.0

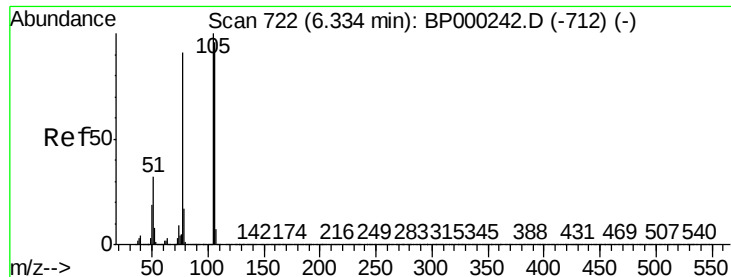


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0





#9

Benzaldehyde

Concen: Below Cal

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BP000299.D

Acq: 18 Sep 2019 16:01

Instrument :

BNA_P

ClientSampleId :

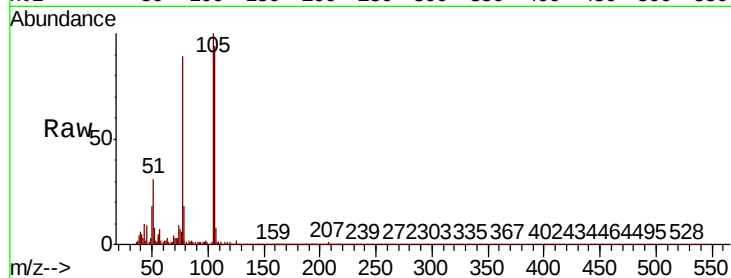
Tot Ion: 77 Resp: 16862

Ion Ratio Lower Upper

77 100

105 112.2 89.6 129.6

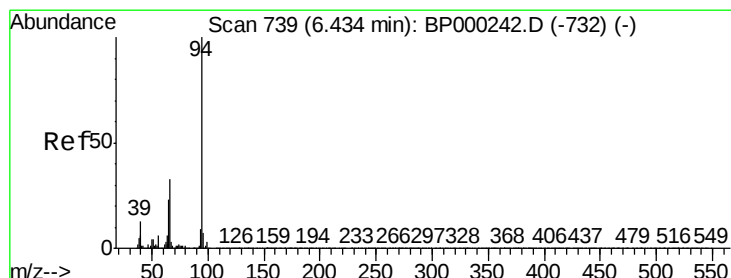
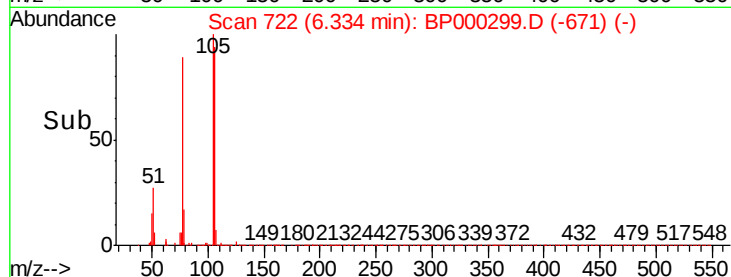
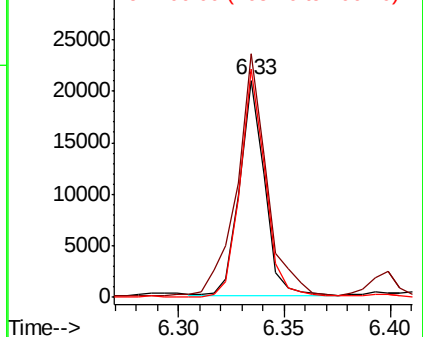
106 104.9 84.6 124.6



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: 8.960 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BP000299.D

Acq: 18 Sep 2019 16:01

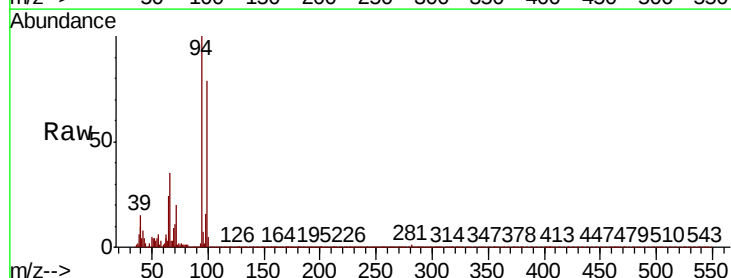
Tgt Ion: 94 Resp: 194391

Ion Ratio Lower Upper

94 100

65 23.5 3.3 43.3

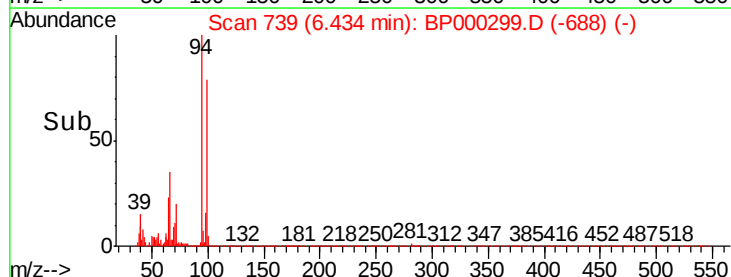
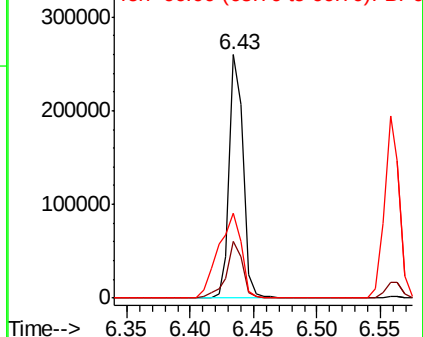
66 34.8 12.7 52.7

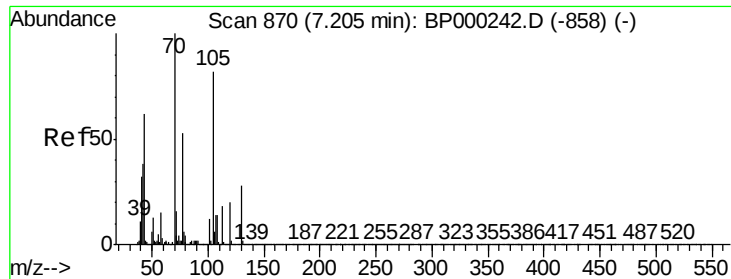


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

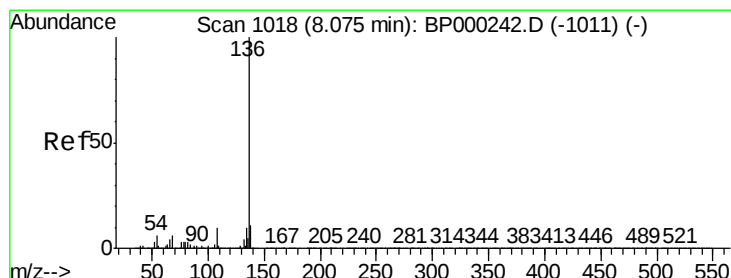
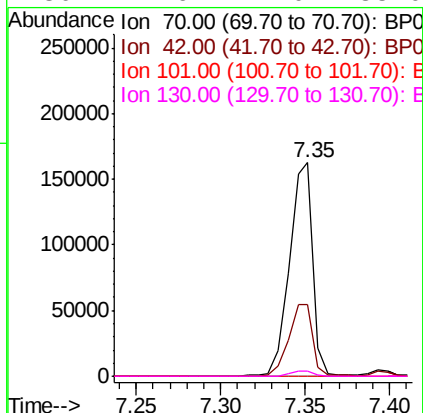
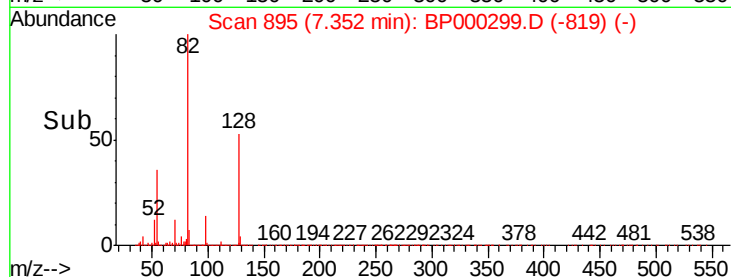
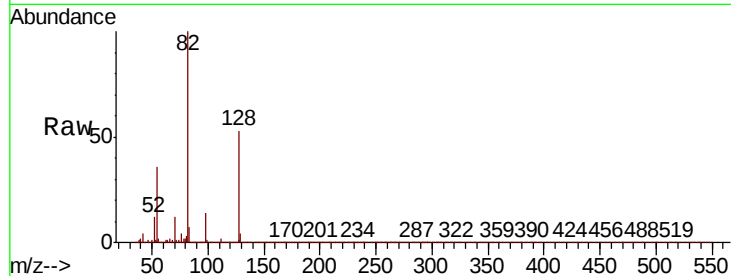




#19
n-Nitroso-di-n-propylamine
Concen: 15.398 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.15 min
Lab File: BP000299.D
Acq: 18 Sep 2019 16:01

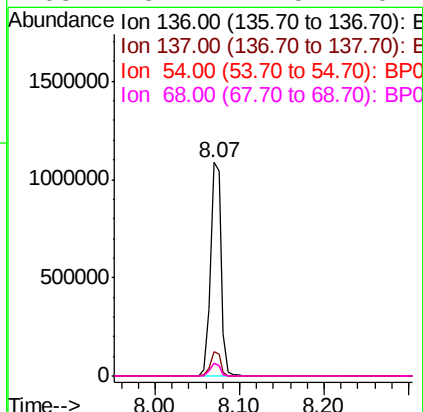
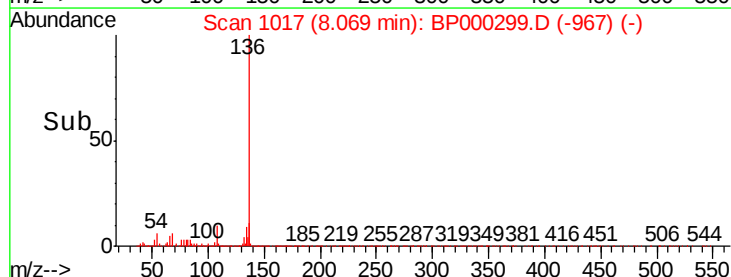
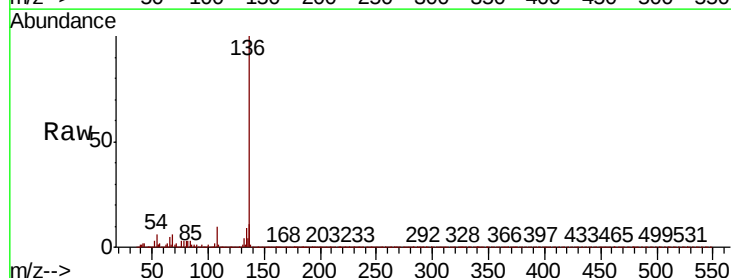
Instrument :
BNA_P
ClientSampled :

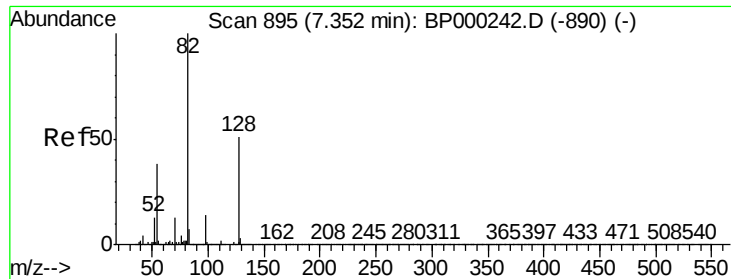
Tot Ion	Ratio	Lower	Upper
70	100		
42	33.7	30.7	46.1
101	0.0	9.6	14.4#
130	2.6	22.0	33.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000299.D
Acq: 18 Sep 2019 16:01

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	5.9	4.5	6.7
68	5.7	4.5	6.7

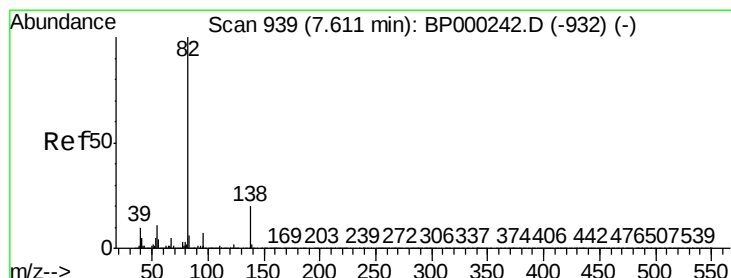
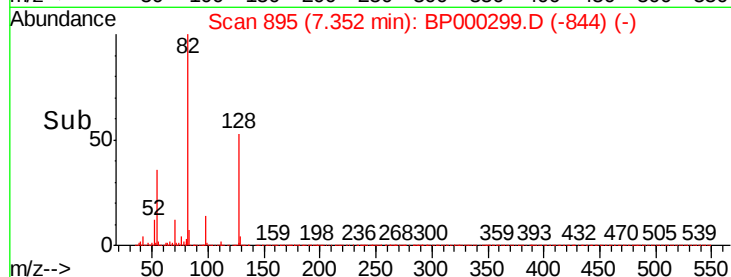
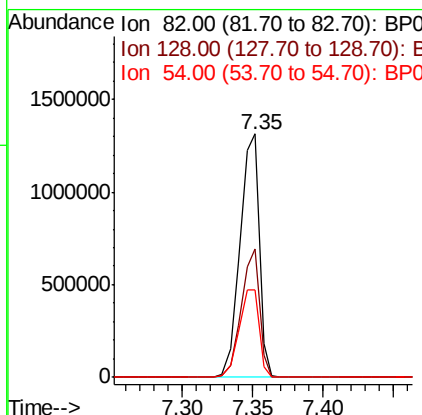
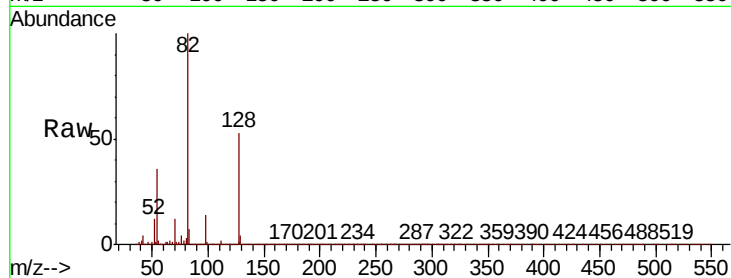




#23
 Nitrobenzene-d5
 Concen: 82.675 ng
 RT: 7.35 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BP000299.D
 Acq: 18 Sep 2019 16:01

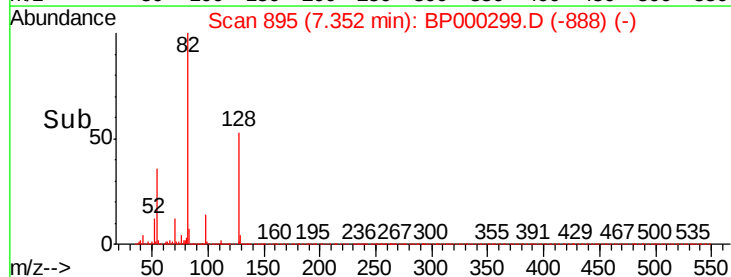
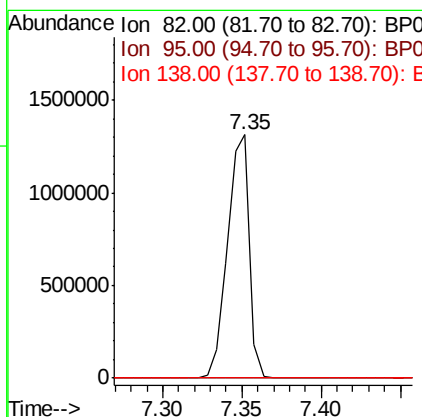
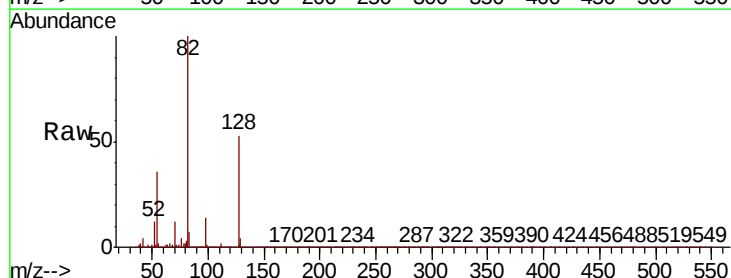
Instrument :
 BNA_P
 ClientSampleId :

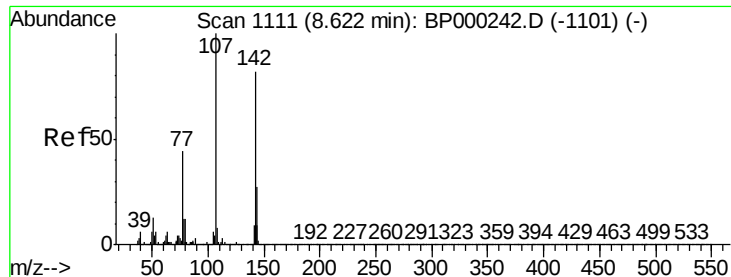
Tot Ion: 82 Resp: 1247598
 Ion Ratio Lower Upper
 82 100
 128 52.6 40.7 61.1
 54 35.9 30.1 45.1



#25
 Isophorone
 Concen: 41.704 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.26 min
 Lab File: BP000299.D
 Acq: 18 Sep 2019 16:01

Tgt Ion: 82 Resp: 1246161
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.9 8.9#
 138 0.0 15.9 23.9#

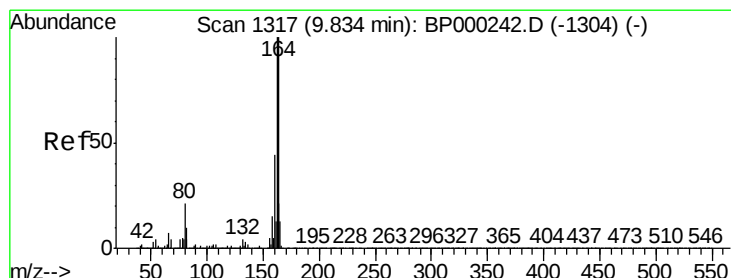
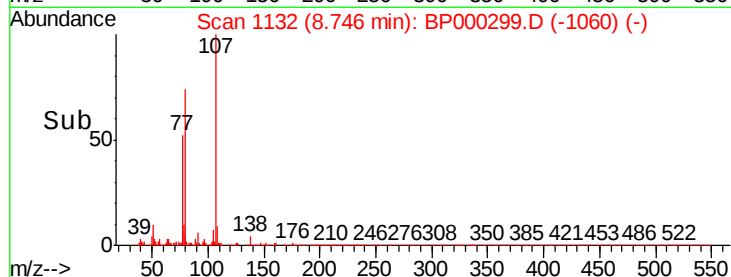
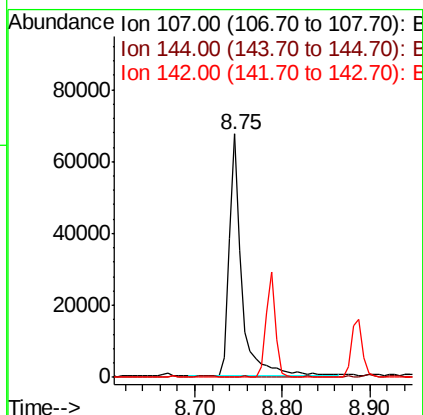
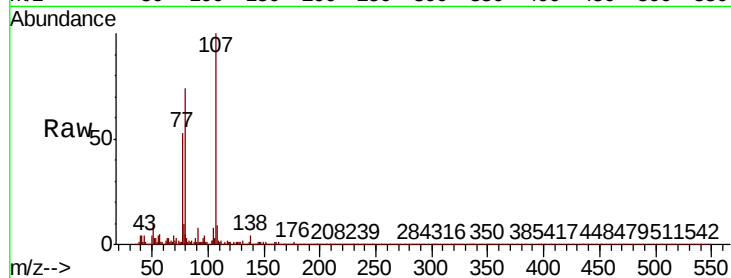




#36
4-Chloro-3-methylphenol
Concen: 4.706 ng
RT: 8.75 min Scan# 1132
Delta R.T. 0.12 min
Lab File: BP000299.D
Acq: 18 Sep 2019 16:01

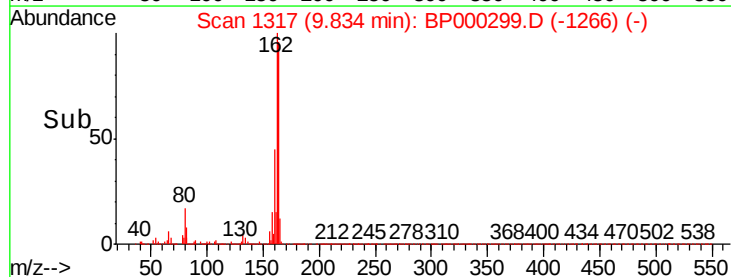
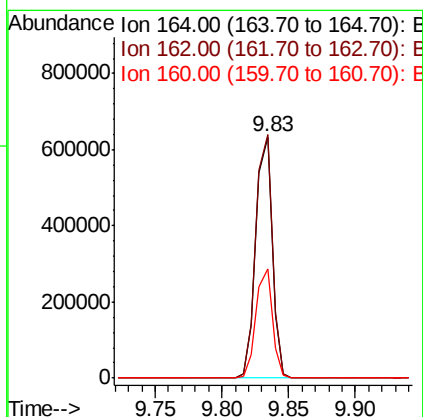
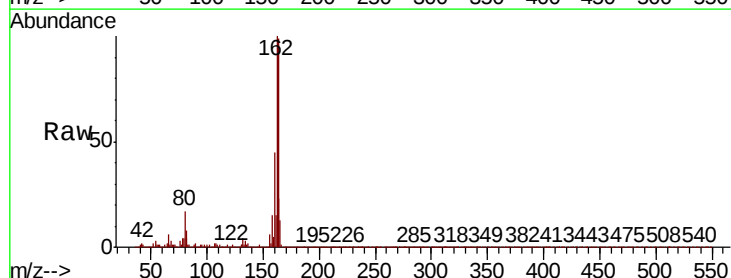
Instrument :
BNA_P
ClientSampleId :

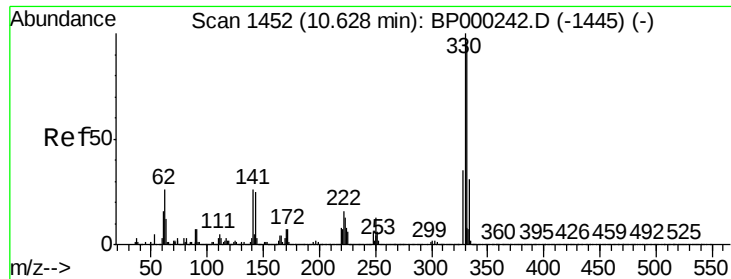
Tot Ion:107 Resp: 67772
Ion Ratio Lower Upper
107 100
144 0.3 21.5 32.3#
142 0.1 65.7 98.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BP000299.D
Acq: 18 Sep 2019 16:01

Tgt Ion:164 Resp: 531513
Ion Ratio Lower Upper
164 100
162 100.8 79.9 119.9
160 45.2 35.6 53.4

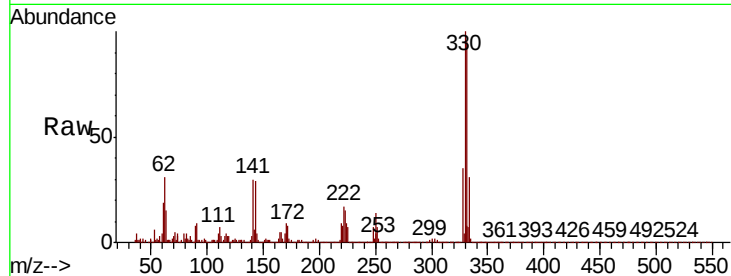




#42
2,4,6-Tribromophenol
Concen: 41.119 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BP000299.D
Acq: 18 Sep 2019 16:01

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	30.6	26.5	39.7

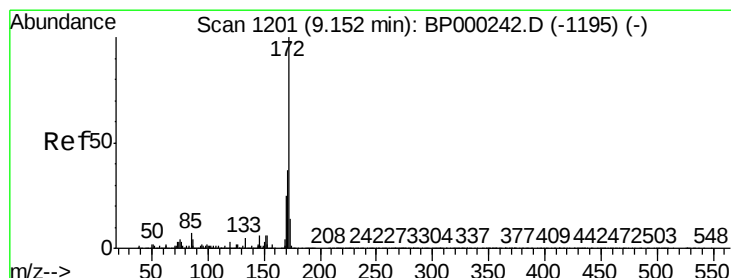
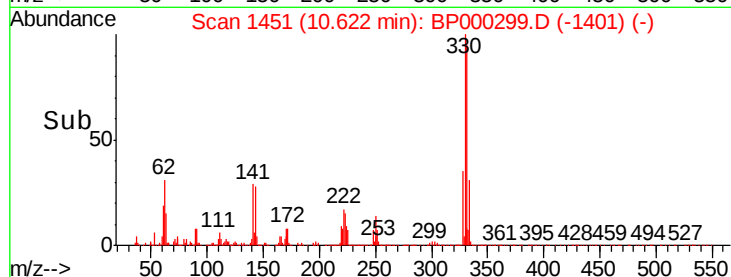
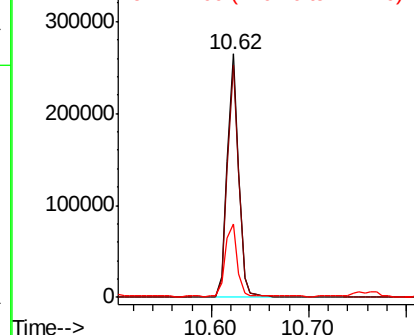


Abundance

Ion 329.80 (329.50 to 330.50): E

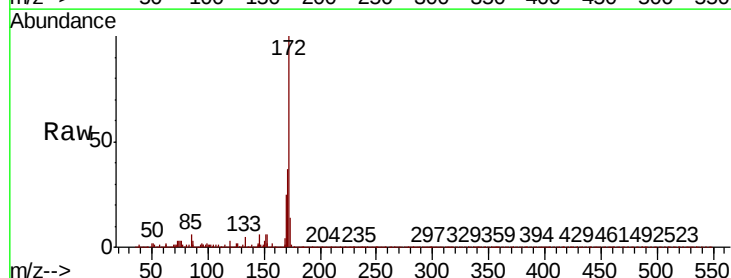
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 90.928 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BP000299.D
Acq: 18 Sep 2019 16:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.8	44.6
170	24.8	19.8	29.6

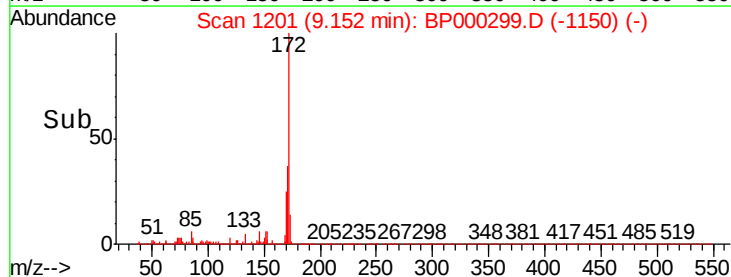
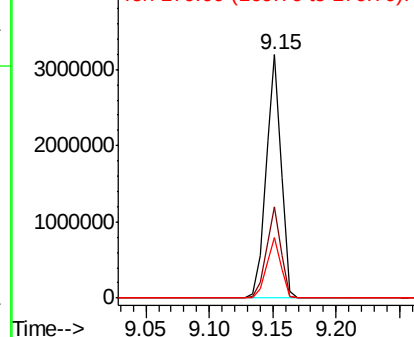


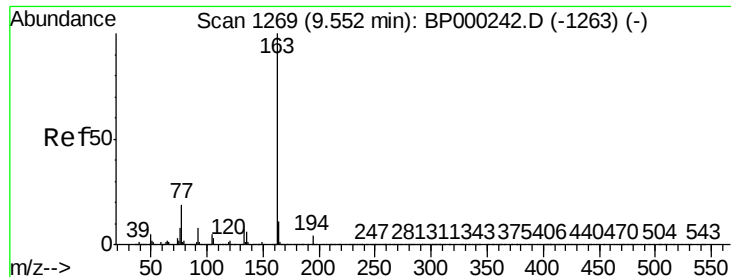
Abundance

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

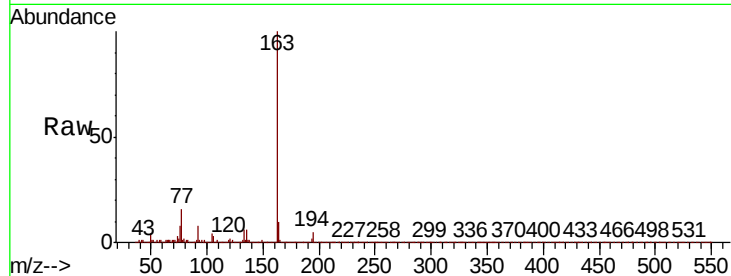




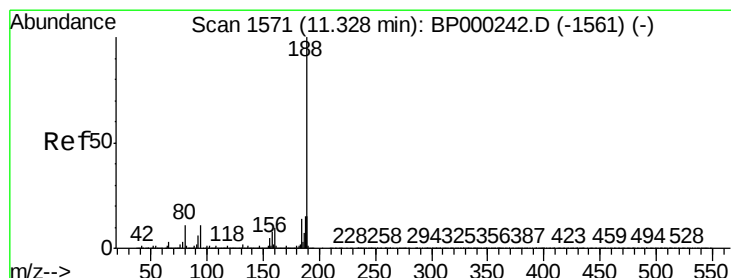
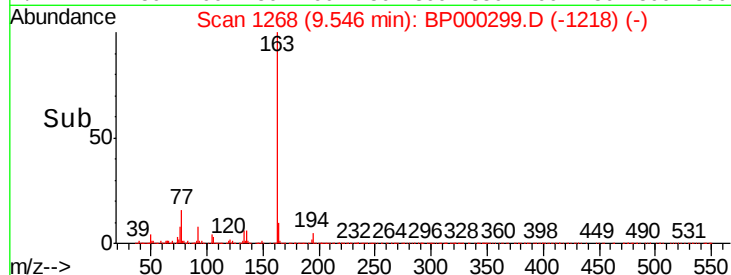
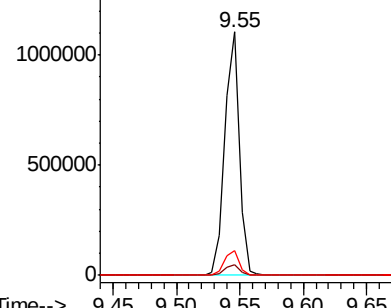
#50
Dimethylphthalate
Concen: 23.798 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000299.D
Acq: 18 Sep 2019 16:01

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.0
164	10.1	8.5	12.7

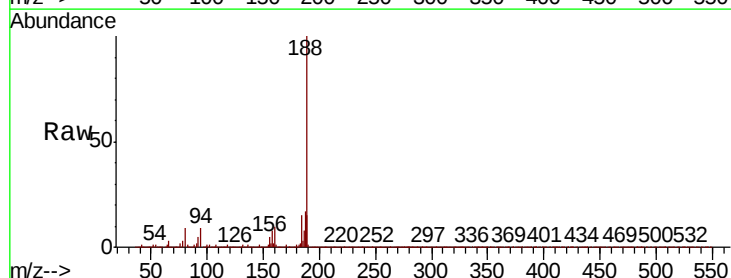


Abundance Ion 163.00 (162.70 to 163.70): E
1500000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

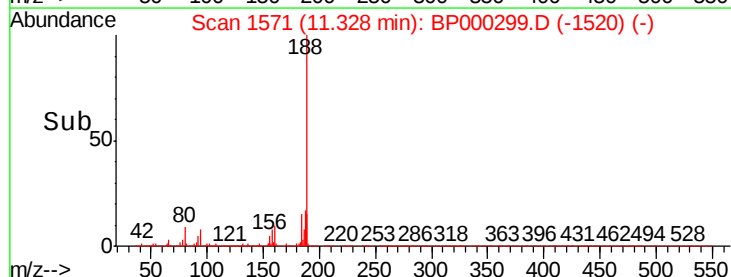
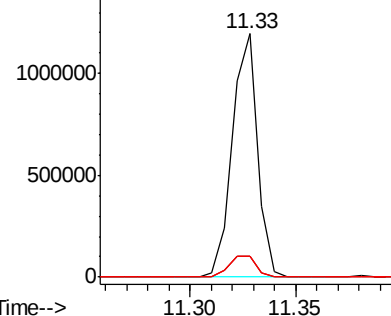


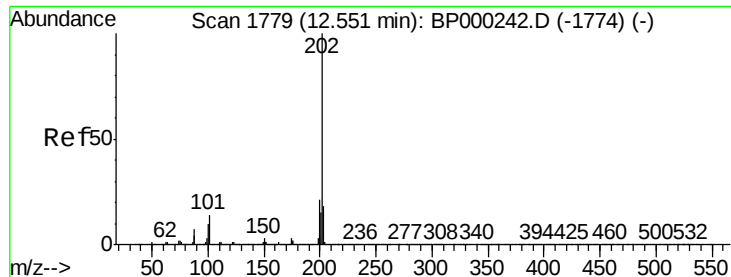
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BP000299.D
Acq: 18 Sep 2019 16:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7
80	8.6	8.6	13.0#



Abundance Ion 188.00 (187.70 to 188.70): E
1500000
Ion 94.00 (93.70 to 94.70): BP0
Ion 80.00 (79.70 to 80.70): BP0





#75

Fluoranthene

Concen: 2.918 ng

RT: 12.55 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BP000299.D

Acq: 18 Sep 2019 16:01

Instrument :

BNA_P

ClientSampled :

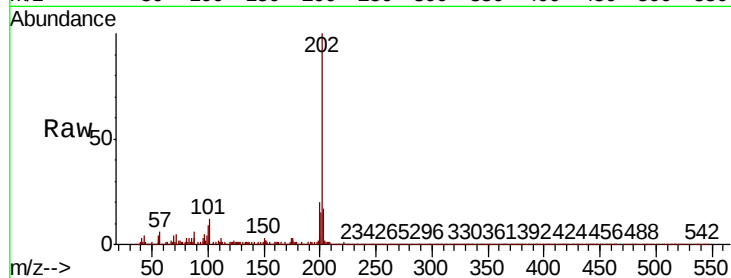
Tot Ion:202 Resp: 155328

Ion Ratio Lower Upper

202 100

101 11.8 0.0 33.9

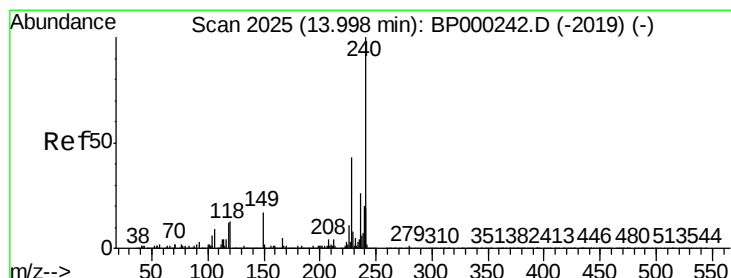
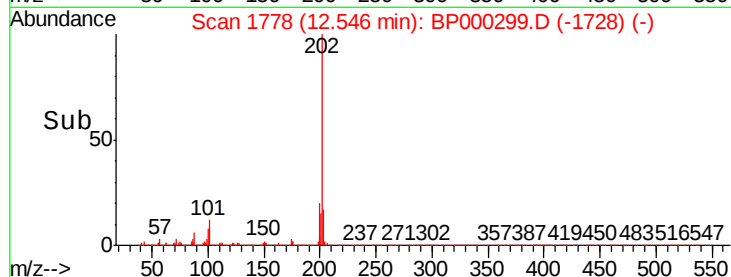
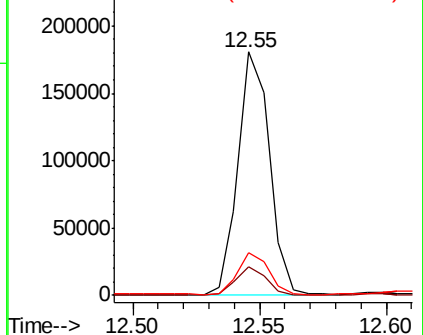
203 17.4 0.0 38.0



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: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BP000299.D

Acq: 18 Sep 2019 16:01

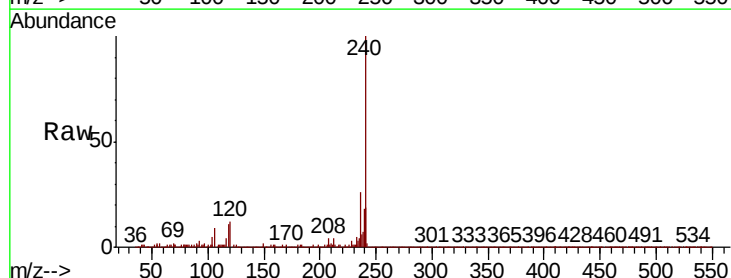
Tgt Ion:240 Resp: 842813

Ion Ratio Lower Upper

240 100

120 12.3 10.4 15.6

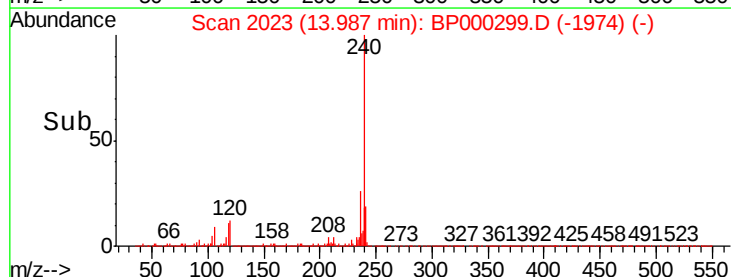
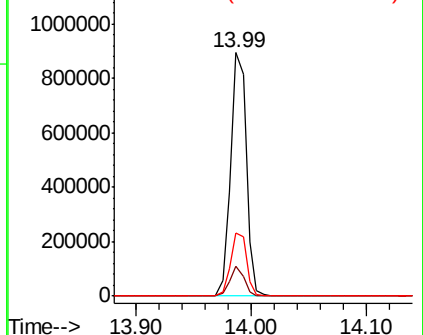
236 26.2 21.0 31.6

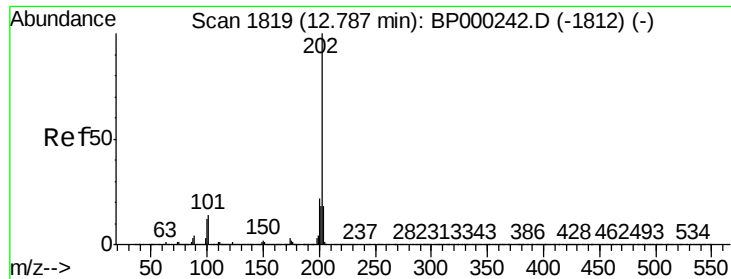


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

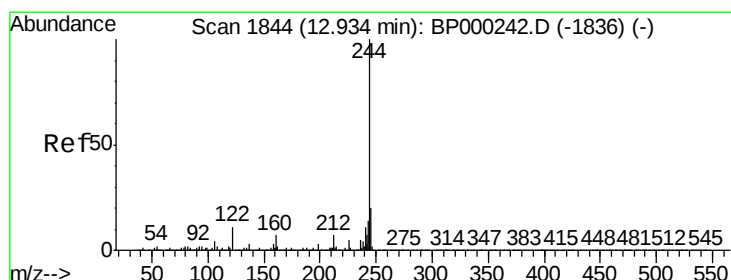
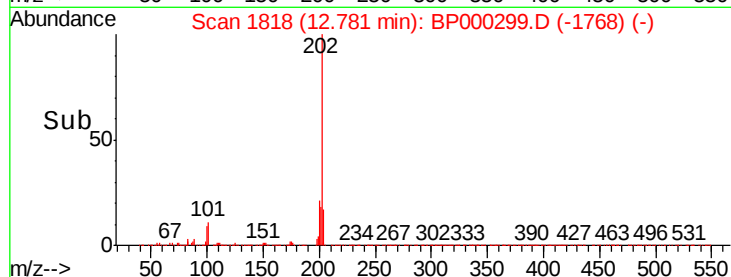
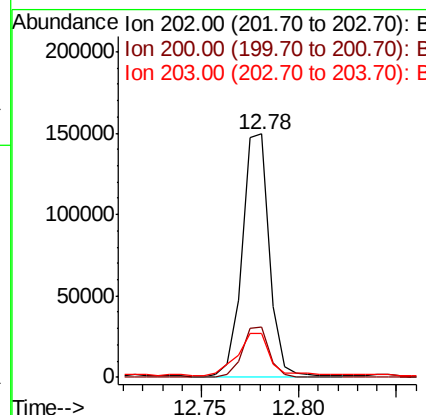
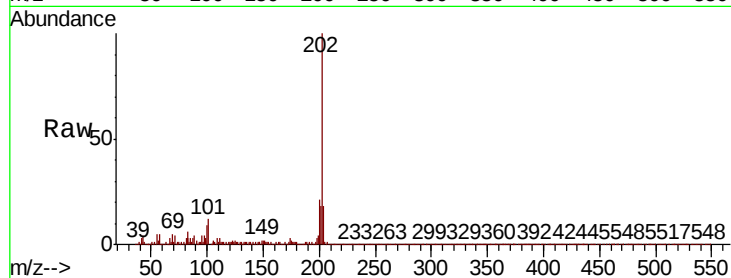




#78
Pvrene
Concen: 2.271 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BP000299.D
Acq: 18 Sep 2019 16:01

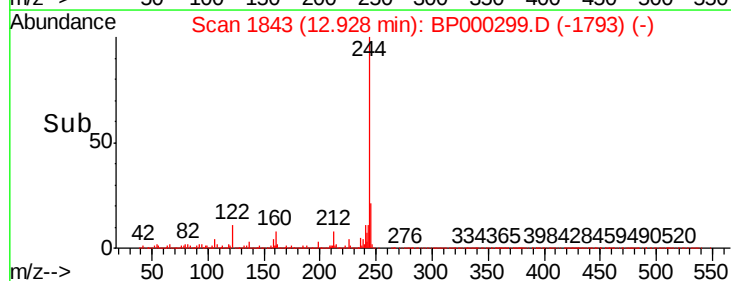
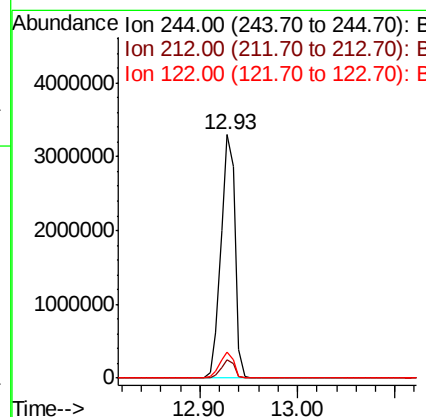
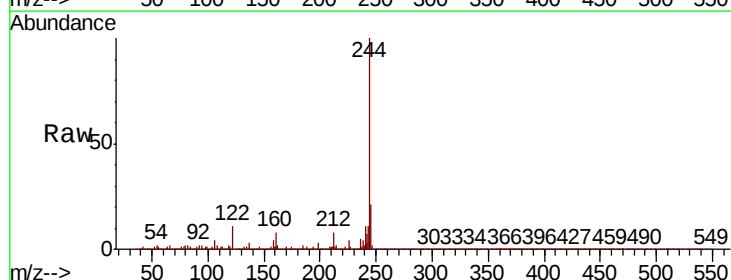
Instrument :
BNA_P
ClientSampleId :

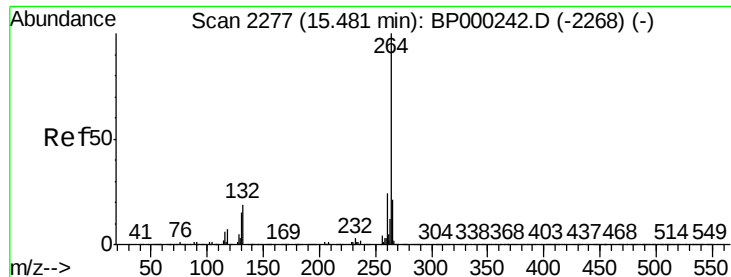
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.5	26.3
203	18.2	14.3	21.5



#79
Terphenyl-d14
Concen: 81.824 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BP000299.D
Acq: 18 Sep 2019 16:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	10.9	9.0	13.4

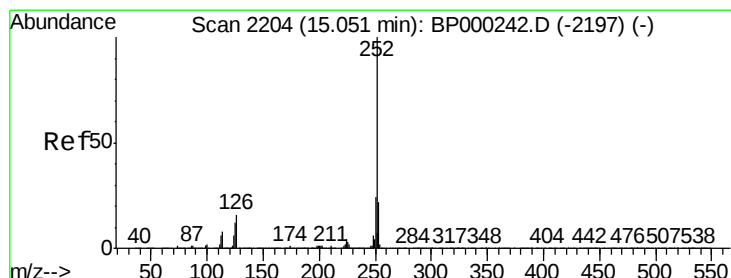
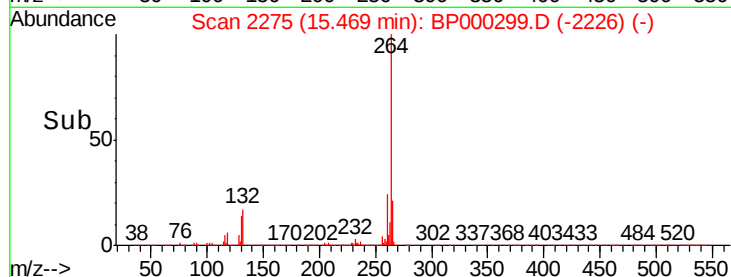
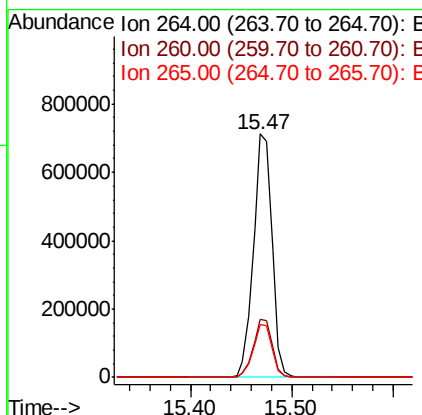
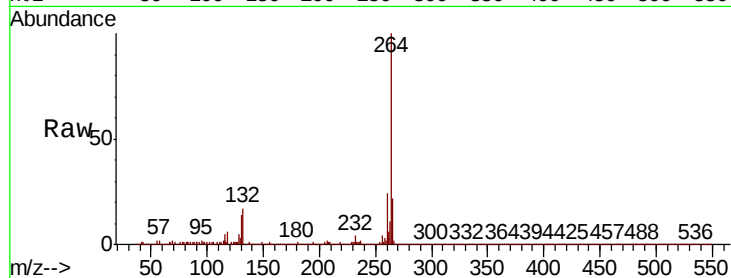




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BP000299.D
Acq: 18 Sep 2019 16:01

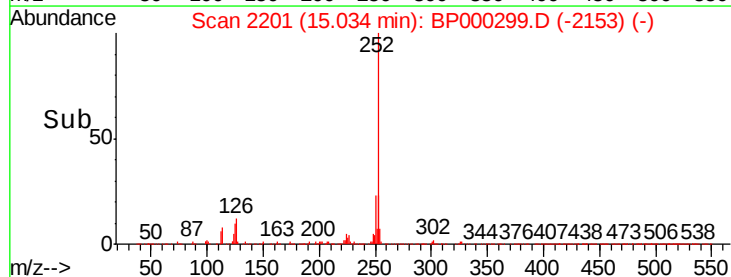
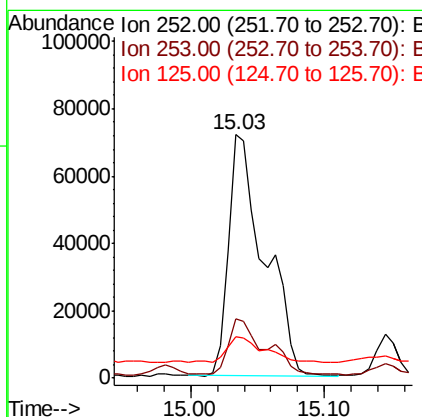
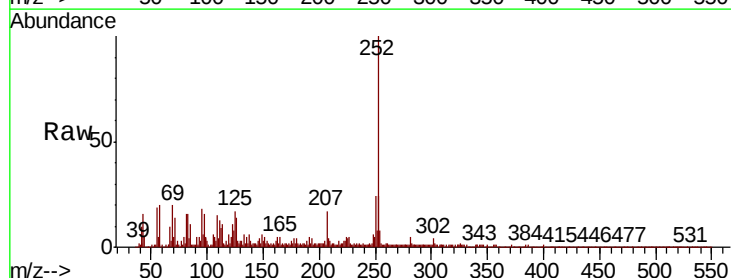
Instrument :
BNA_P
ClientSampleId :

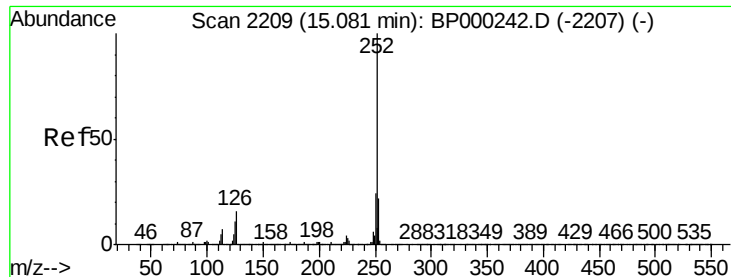
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.6	17.2	25.8



#88
Benzo(b)fluoranthene
Concen: 2.490 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BP000299.D
Acq: 18 Sep 2019 16:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.6
125	16.9	9.5	14.3





#89

Benzo(k)fluoranthene

Concen: 2.854 ng

RT: 15.03 min Scan# 2201

Delta R.T. -0.05 min

Lab File: BP000299.D

Acq: 18 Sep 2019 16:01

Instrument :

BNA_P

ClientSampleId :

Tot Ion: 252 Resp: 134091

Ion Ratio Lower Upper

252 100

253 24.3 17.8 26.8

125 16.9 9.6 14.4#

