

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
 Data File : BP001454.D
 Acq On : 27 Dec 2019 09:51
 Operator : JU
 Sample : K6372-18DL2 50X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 27 10:37:21 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

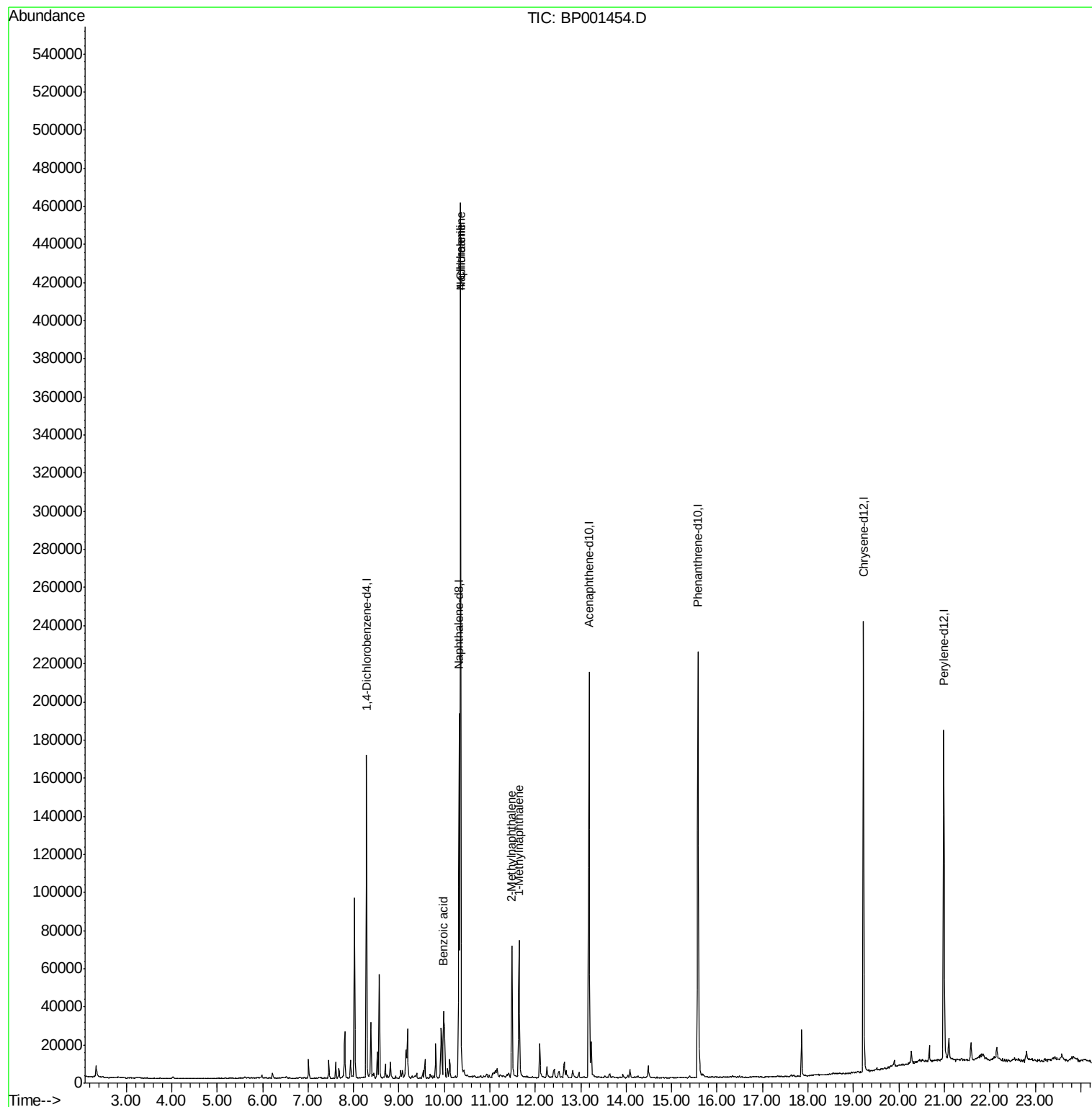
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	28992	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	104166	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	62437	20.00	ng	0.00
64) Phenanthrene-d10	15.57	188	118023	20.00	ng	0.00
76) Chrysene-d12	19.22	240	95235	20.00	ng	0.00
87) Perylene-d12	20.99	264	101421	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	1296	0.72	ng	0.02
7) Phenol-d6	7.77	99	1285	0.55	ng	0.02
23) Nitrobenzene-d5	9.16	82	3909	1.44	ng	-0.01
42) 2,4,6-Tribromophenol	14.49	330	1359	1.74	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	8230	1.67	ng	0.00
79) Terphenyl-d14	17.86	244	11038	1.99	ng	-0.01
Target Compounds						
31) Naphthalene	10.36	128	238710	41.981	ng	99
32) Benzoic acid	9.99	122	30	5.046	ng	# 1
33) 4-Chloroaniline	10.36	127	32224	13.858	ng	# 32
37) 2-Methylnaphthalene	11.48	142	25496	6.495	ng	98
38) 1-Methylnaphthalene	11.64	142	24599	6.665	ng	97

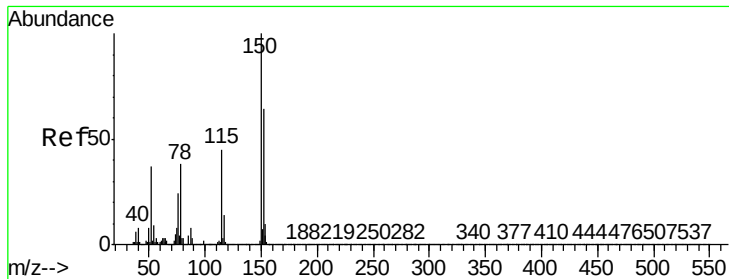
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001454.D
Acq On : 27 Dec 2019 09:51
Operator : JU
Sample : K6372-18DL2 50X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Dec 27 10:37:21 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

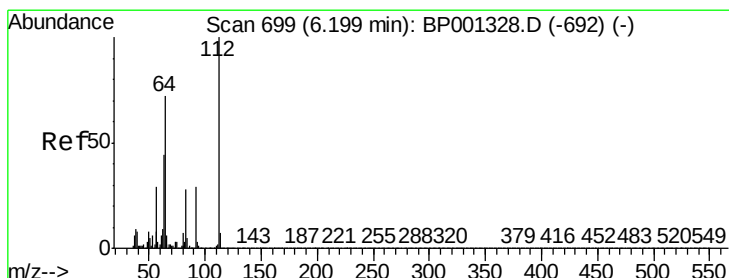
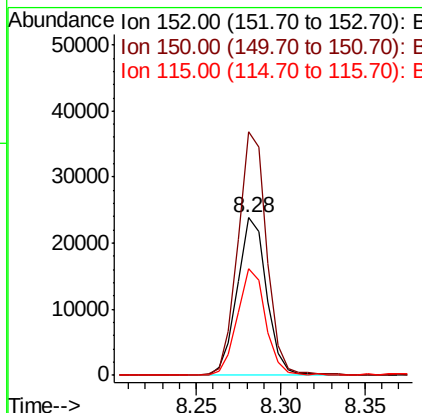
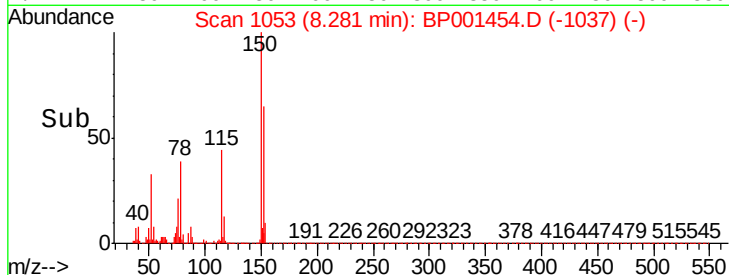
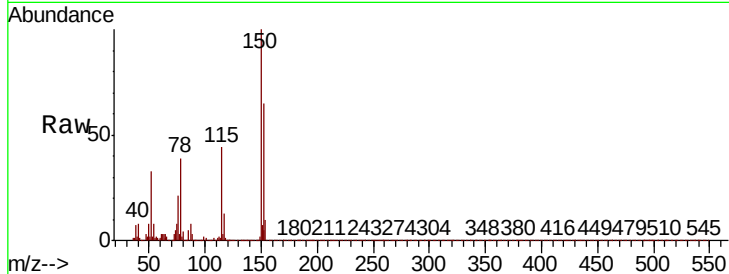




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.28 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BP001454.D
 Acq: 27 Dec 2019 09:51

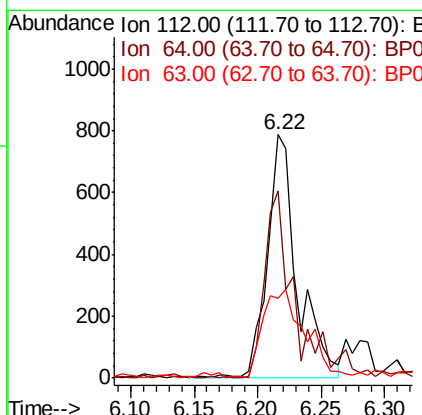
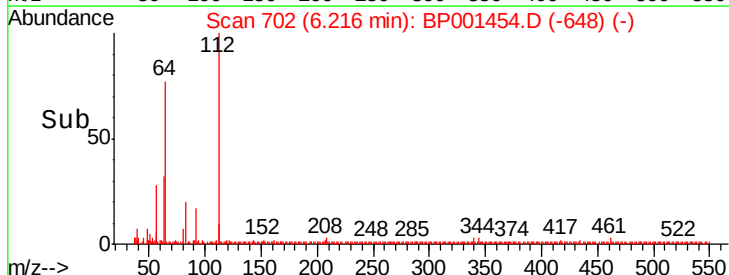
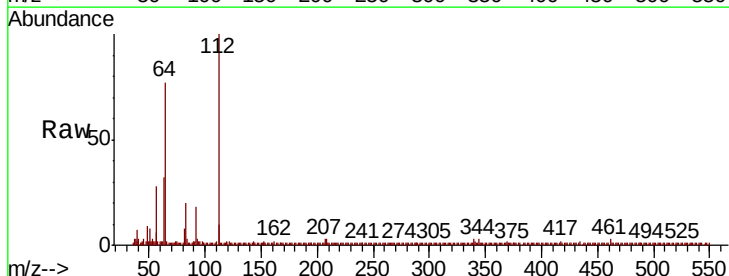
Instrument :
 BNA_P
 ClientSampleId :

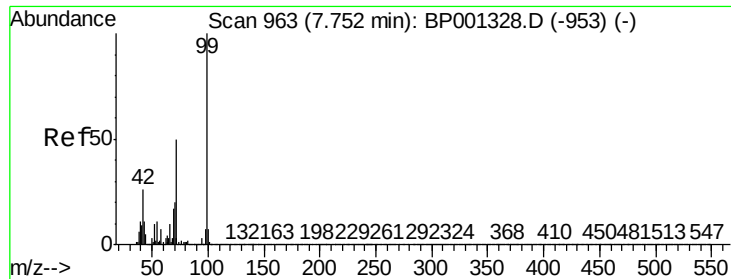
Tot Ion:	152	Resp:	28992
Ion	Ratio	Lower	Upper
152	100		
150	154.5	127.0	190.6
115	67.5	56.1	84.1



#5
 2-Fluorophenol
 Concen: 0.722 ng
 RT: 6.22 min Scan# 702
 Delta R.T. 0.02 min
 Lab File: BP001454.D
 Acq: 27 Dec 2019 09:51

Tgt Ion:	112	Resp:	1296
Ion	Ratio	Lower	Upper
112	100		
64	76.6	53.9	80.9
63	32.5	33.4	50.0#





#7

Phenol-d6

Concen: 0.549 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.02 min

Lab File: BP001454.D

Acq: 27 Dec 2019 09:51

Instrument :

BNA_P

ClientSampleId :

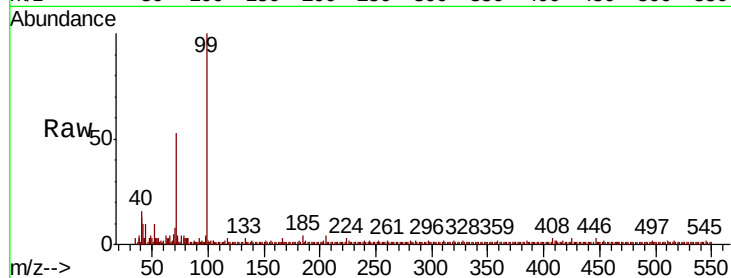
Tot Ion: 99 Resp: 1285

Ion Ratio Lower Upper

99 100

42 10.4 20.8 31.2#

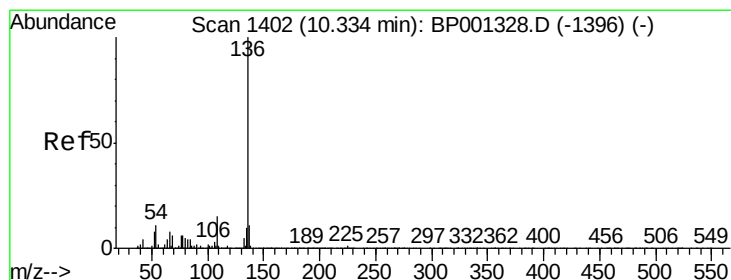
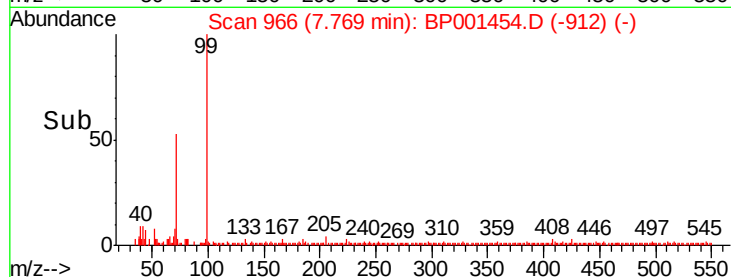
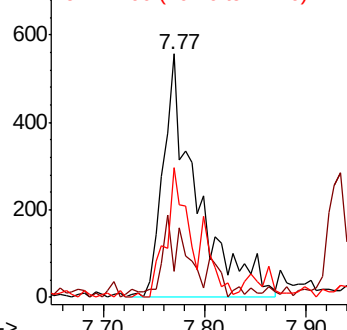
71 53.1 38.2 57.4



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: 10.32 min Scan# 1400

Delta R.T. -0.00 min

Lab File: BP001454.D

Acq: 27 Dec 2019 09:51

Tgt Ion: 136 Resp: 104166

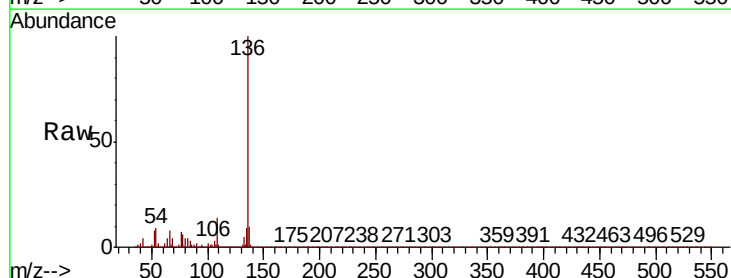
Ion Ratio Lower Upper

136 100

137 10.2 9.0 13.4

54 9.3 7.3 10.9

68 4.3 3.8 5.6

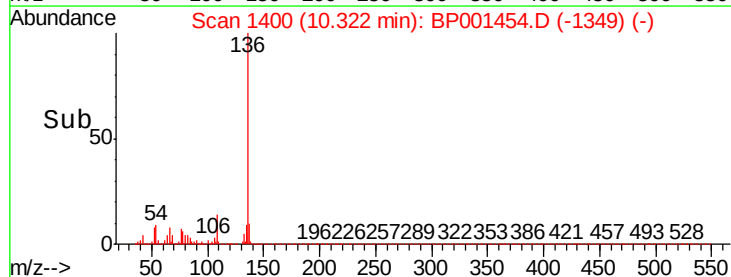
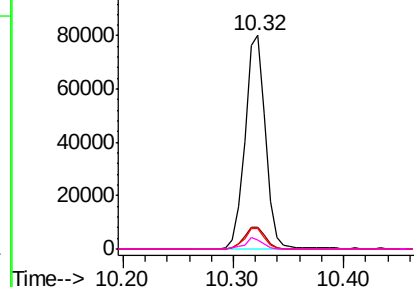


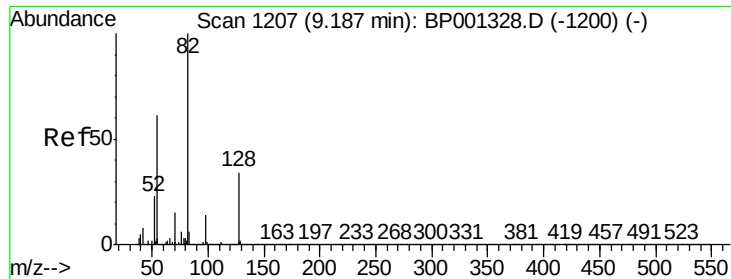
Abundance Ion 136.00 (135.70 to 136.70): E

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

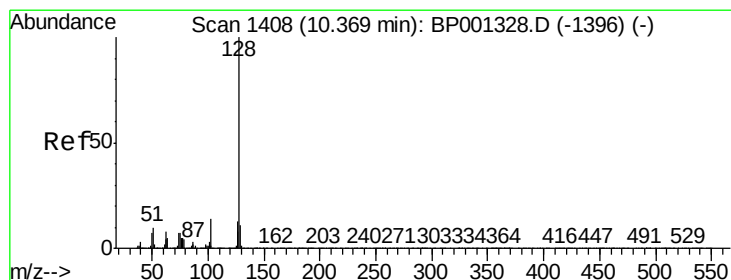
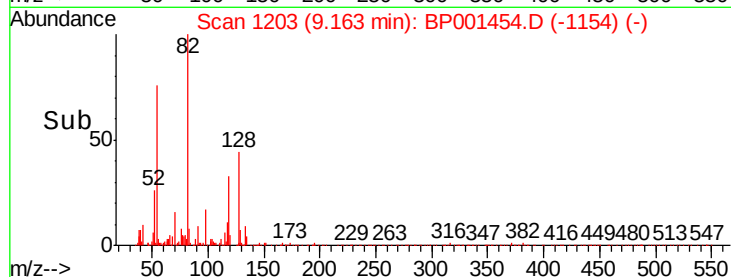
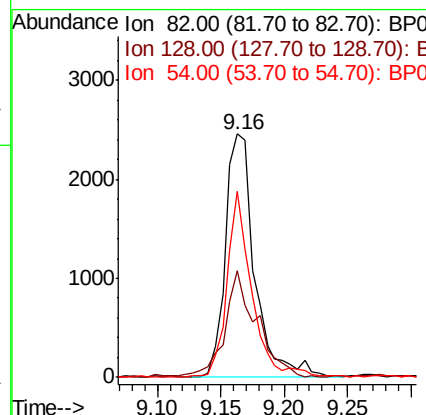
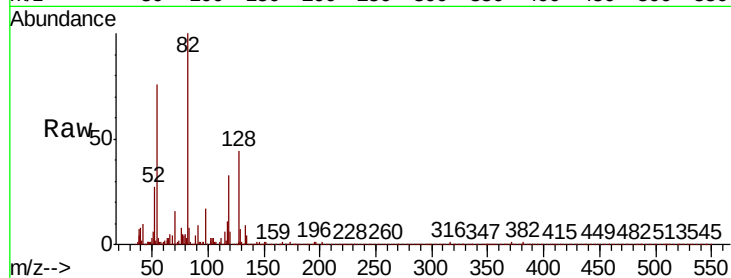




#23
 Nitrobenzene-d5
 Concen: 1.441 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BP001454.D
 Acq: 27 Dec 2019 09:51

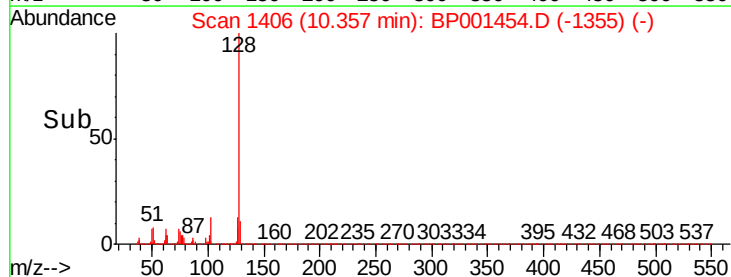
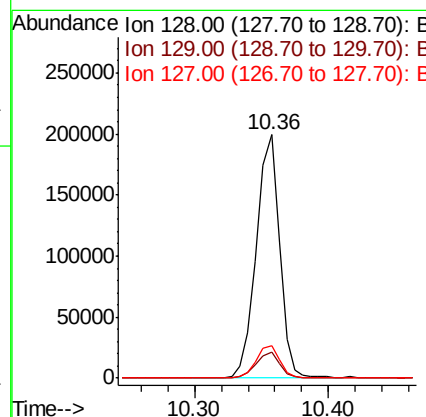
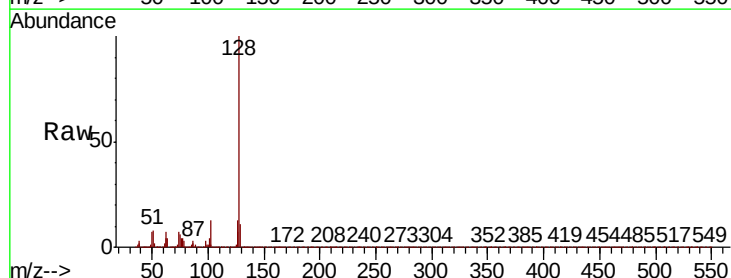
Instrument :
 BNA_P
 ClientSampleId :

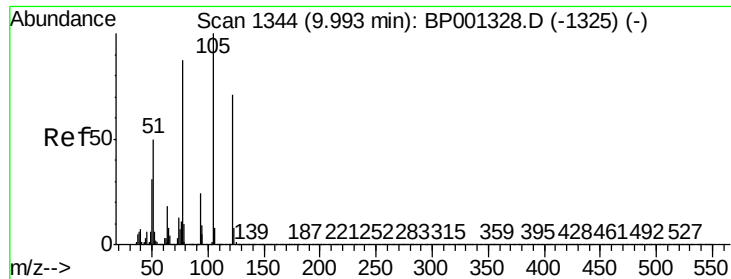
Tot Ion	82	Resp	3909
Ion Ratio	Lower	Upper	
82	100		
128	43.7	27.4	41.0#
54	76.4	47.5	71.3#



#31
 Naphthalene
 Concen: 41.981 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.00 min
 Lab File: BP001454.D
 Acq: 27 Dec 2019 09:51

Tgt Ion	128	Resp	238710
Ion Ratio	Lower	Upper	
128	100		
129	10.6	8.6	12.8
127	13.3	11.0	16.6

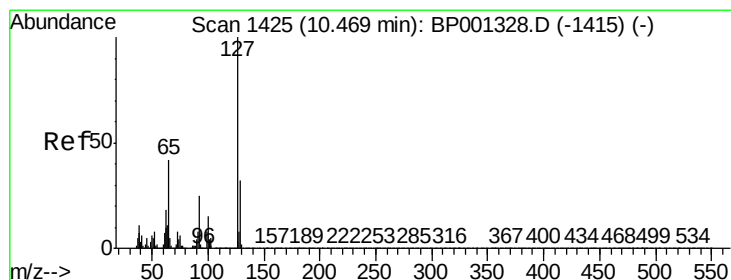
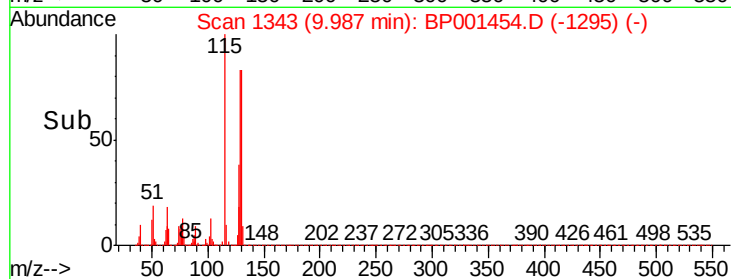
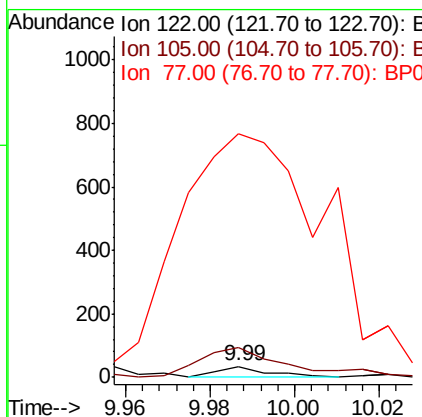
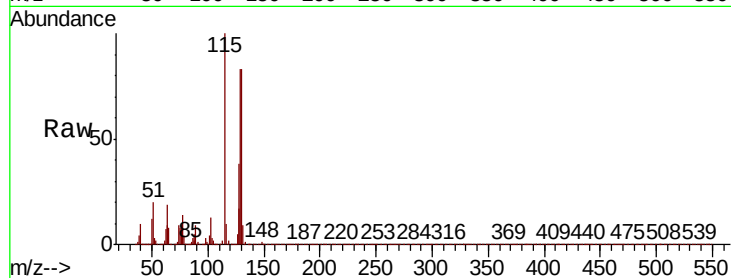




#32
Benzoic acid
Concen: 5.046 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BP001454.D
Acq: 27 Dec 2019 09:51

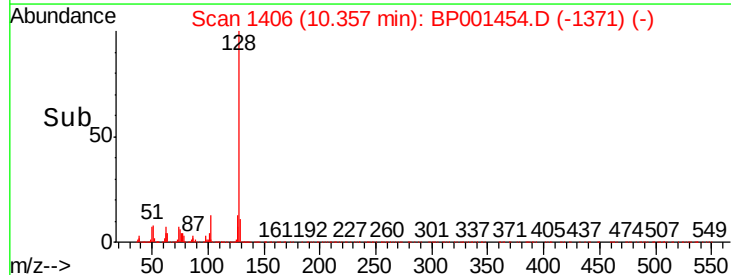
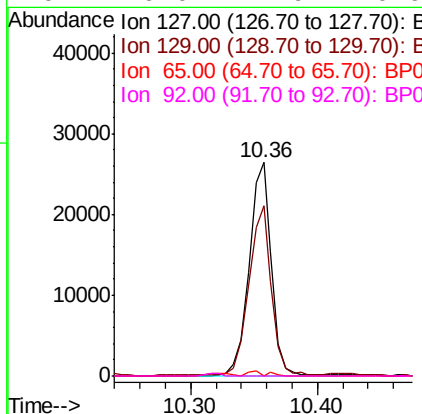
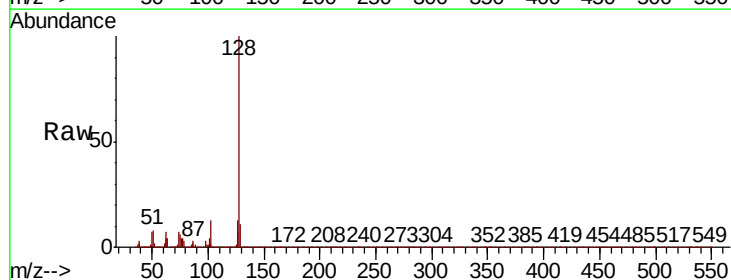
Instrument :
BNA_P
ClientSampleId :

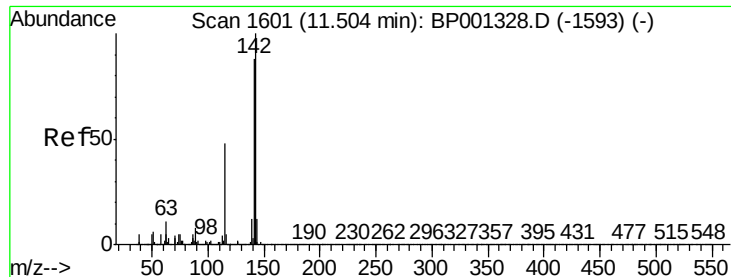
Tot Ion:122 Resp: 30
Ion Ratio Lower Upper
122 100
105 305.9 117.8 157.8#
77 2255.9 85.6 125.6#



#33
4-Chloroaniline
Concen: 13.858 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.09 min
Lab File: BP001454.D
Acq: 27 Dec 2019 09:51

Tgt Ion:127 Resp: 32224
Ion Ratio Lower Upper
127 100
129 79.6 25.8 38.8#
65 0.0 33.9 50.9#
92 0.0 17.9 26.9#

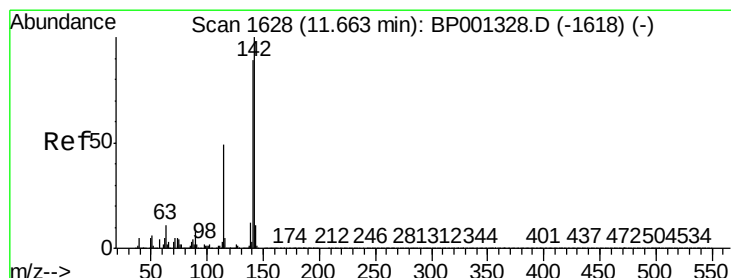
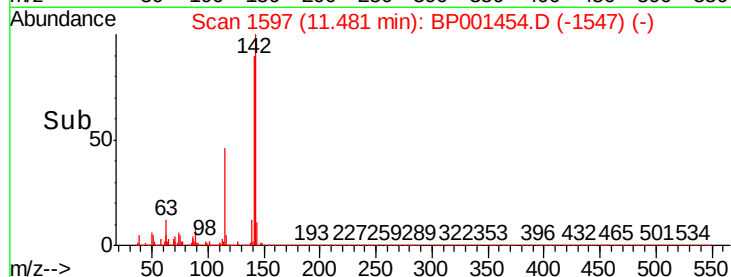
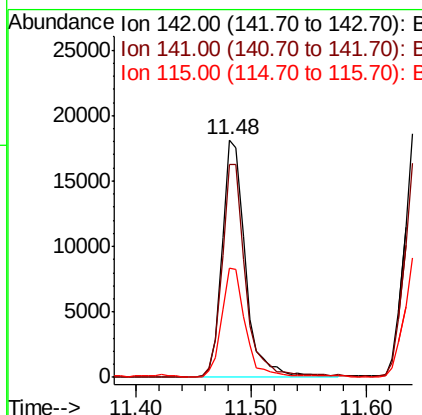
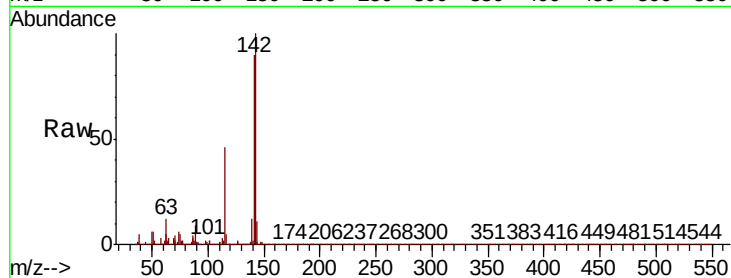




#37
2-Methylnaphthalene
Concen: 6.495 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BP001454.D
Acq: 27 Dec 2019 09:51

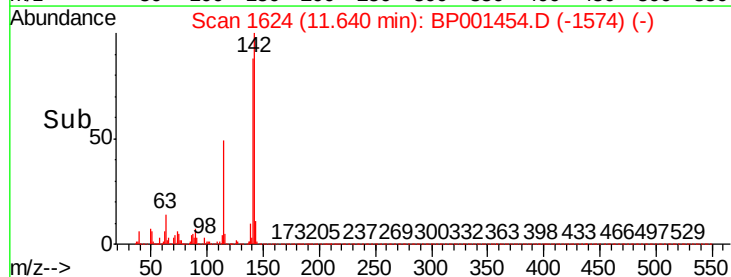
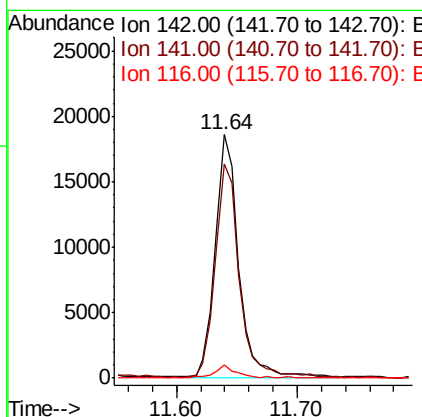
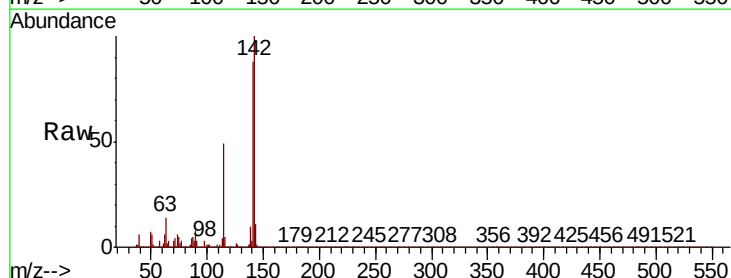
Instrument :
BNA_P
ClientSampled :

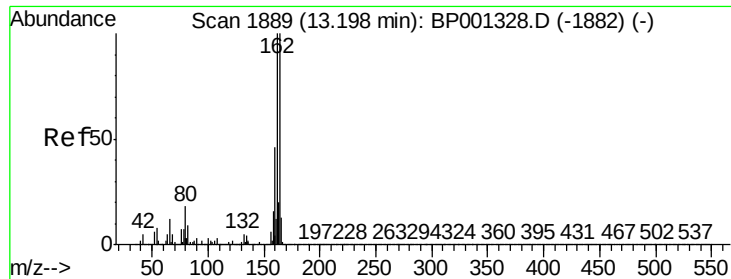
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.2	105.2
115	45.9	37.0	55.4



#38
1-Methylnaphthalene
Concen: 6.665 ng
RT: 11.64 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BP001454.D
Acq: 27 Dec 2019 09:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.9	109.3
116	5.3	3.8	5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.18 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BP001454.D

Acq: 27 Dec 2019 09:51

Instrument :

BNA_P

ClientSampleId :

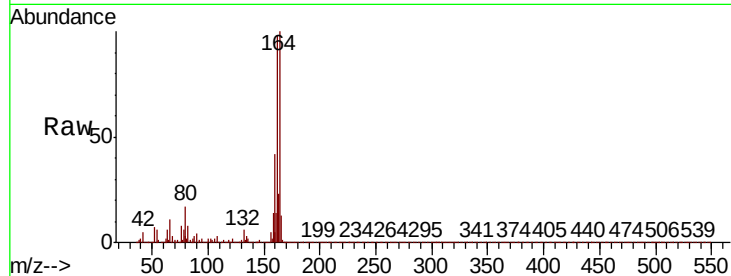
Tot Ion:164 Resp: 62437

Ion Ratio Lower Upper

164 100

162 98.0 78.2 117.4

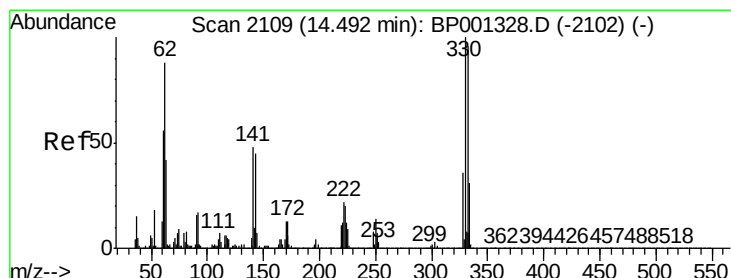
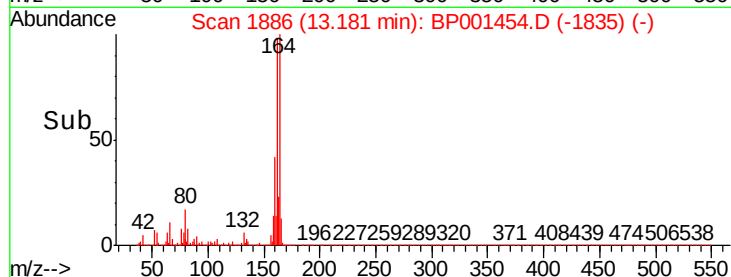
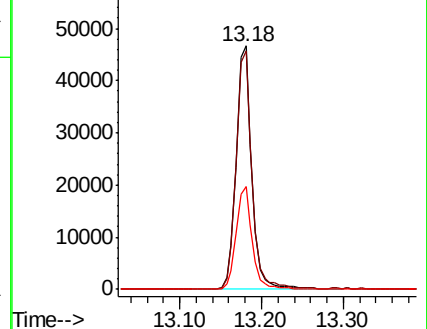
160 42.0 35.1 52.7



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: 1.741 ng

RT: 14.49 min Scan# 2108

Delta R.T. 0.01 min

Lab File: BP001454.D

Acq: 27 Dec 2019 09:51

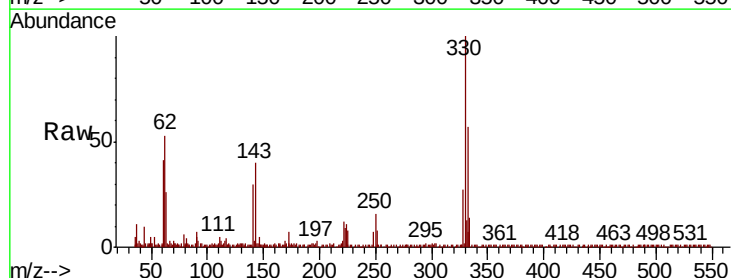
Tgt Ion:330 Resp: 1359

Ion Ratio Lower Upper

330 100

332 94.8 78.3 117.5

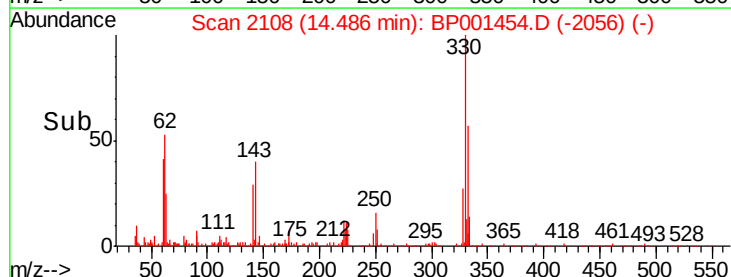
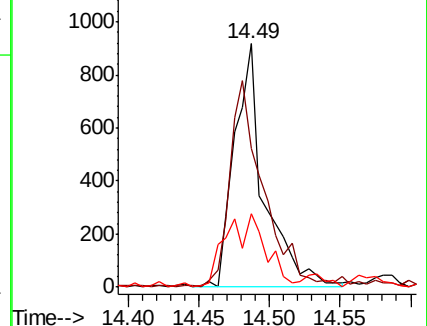
141 19.9 26.8 40.2#

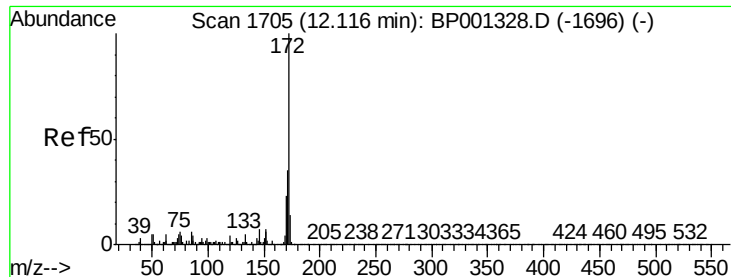


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 1.667 ng

RT: 12.10 min Scan# 1702

Delta R.T. -0.00 min

Lab File: BP001454.D

Acq: 27 Dec 2019 09:51

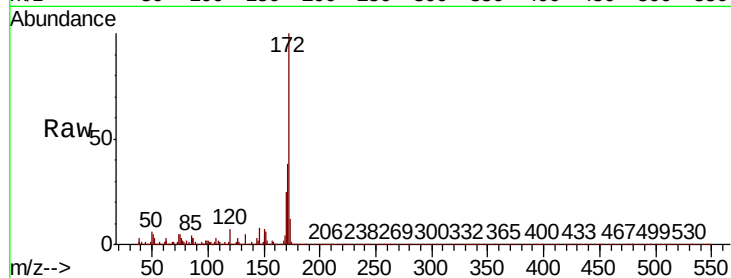
Instrument :

BNA_P

ClientSampleId :

Tot Ion:172 Resp: 8230

Ion	Ratio	Lower	Upper
172	100		
171	38.2	27.4	41.0
170	24.5	18.2	27.4

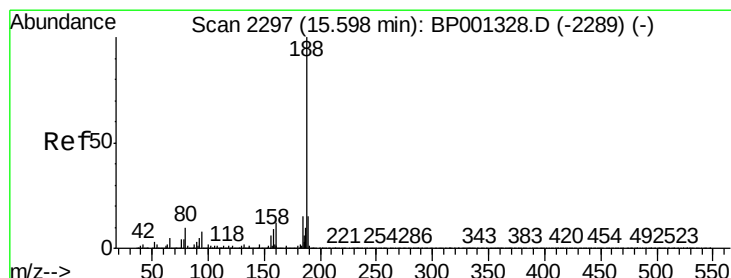
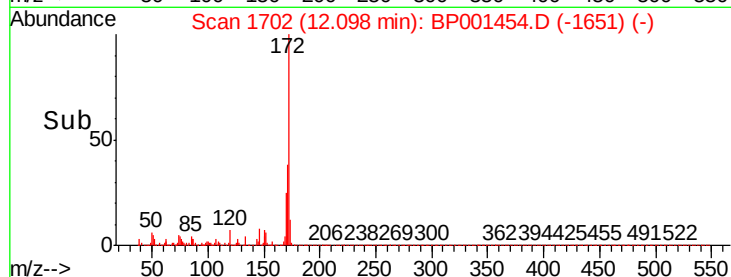
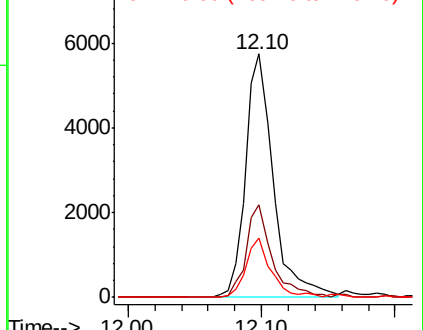


Abundance

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: 15.57 min Scan# 2293

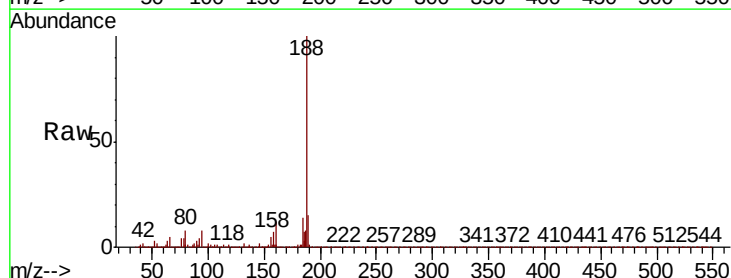
Delta R.T. -0.01 min

Lab File: BP001454.D

Acq: 27 Dec 2019 09:51

Tgt Ion:188 Resp: 118023

Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.8	8.8
80	7.7	5.7	8.5

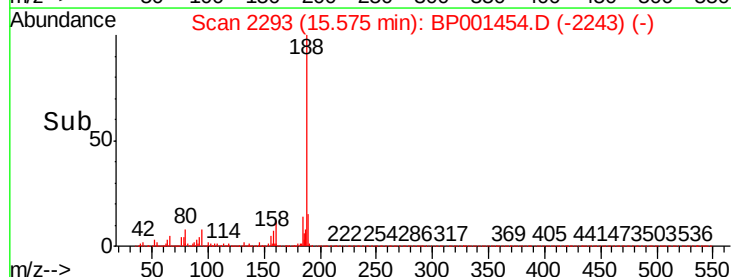
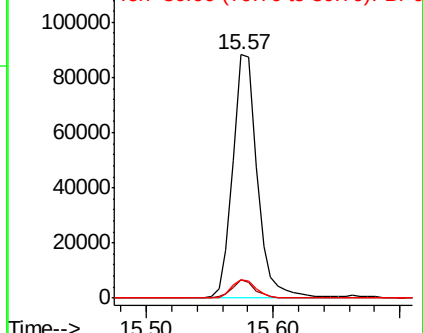


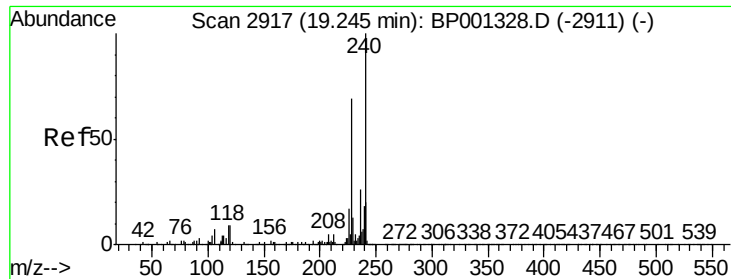
Abundance

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

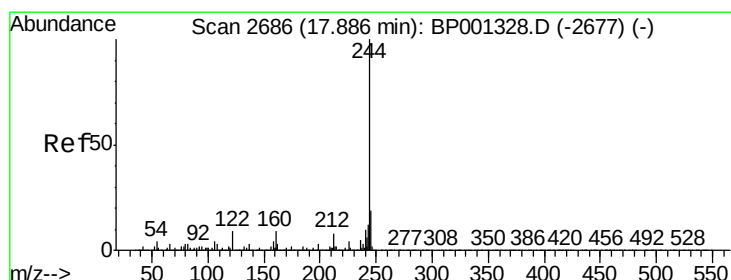
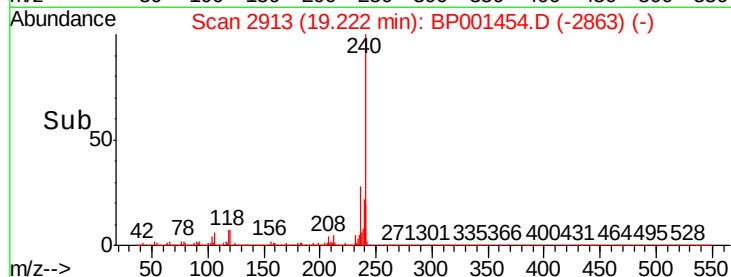
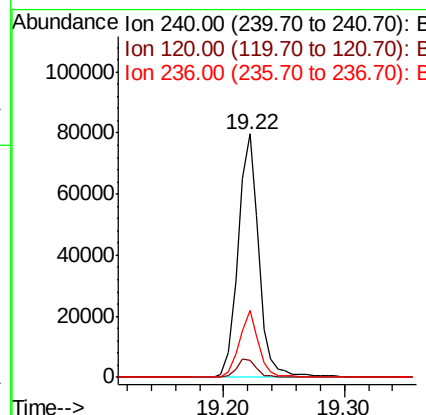
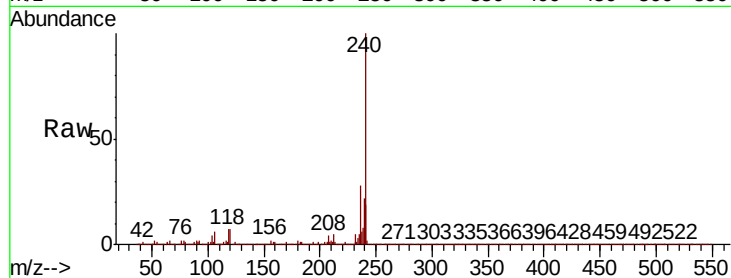




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 19.22 min Scan# 2913
 Delta R.T. -0.01 min
 Lab File: BP001454.D
 Acq: 27 Dec 2019 09:51

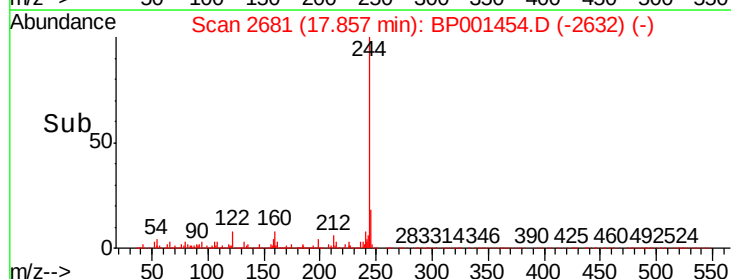
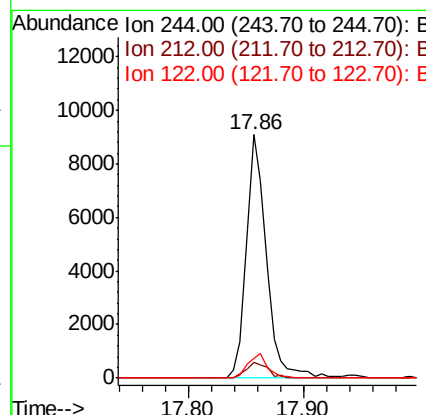
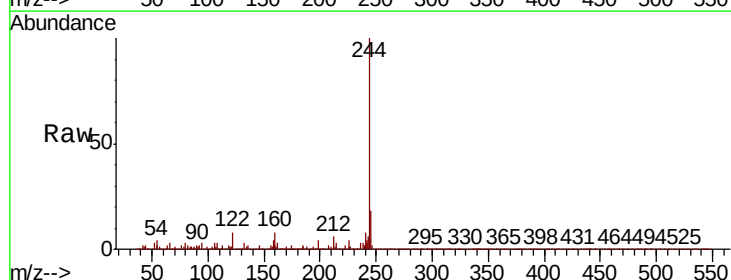
Instrument :
 BNA_P
 ClientSampleId :

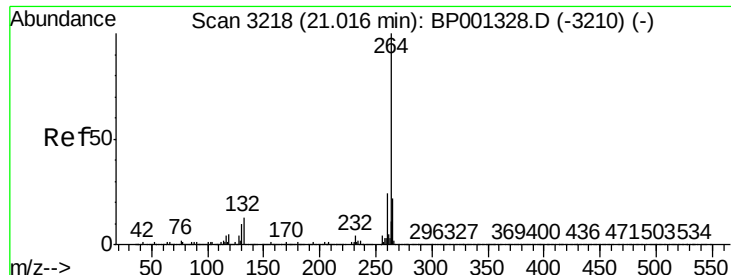
Tot Ion:240 Resp: 95235
 Ion Ratio Lower Upper
 240 100
 120 6.9 6.2 9.2
 236 27.5 20.2 30.2



#79
 Terphenyl-d14
 Concen: 1.985 ng
 RT: 17.86 min Scan# 2681
 Delta R.T. -0.01 min
 Lab File: BP001454.D
 Acq: 27 Dec 2019 09:51

Tgt Ion:244 Resp: 11038
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.8 8.8
 122 8.0 6.4 9.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 20.99 min Scan# 3213
Delta R.T. -0.01 min
Lab File: BP001454.D
Acq: 27 Dec 2019 09:51

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	264	Resp:	101421
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.0	28.4
265	21.6	17.0	25.4

