

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
 Data File : BP001434.D
 Acq On : 26 Dec 2019 21:25
 Operator : JU
 Sample : K6438-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 27 04:00:44 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

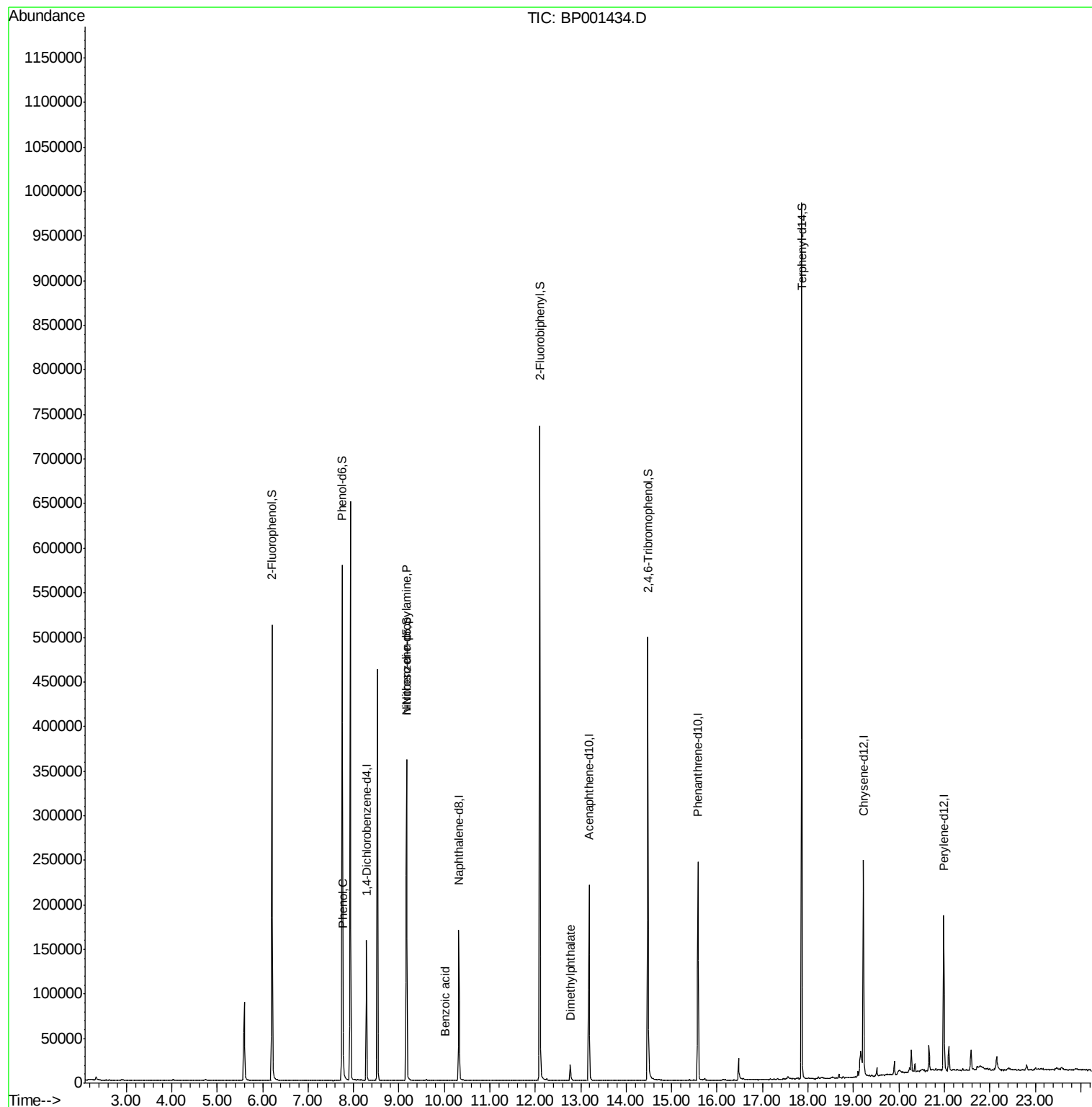
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	27792	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	95652	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	59551	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	116688	20.00	ng	0.00
76) Chrysene-d12	19.22	240	89538	20.00	ng	0.00
87) Perylene-d12	20.99	264	92525	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	149979	87.22	ng	0.00
7) Phenol-d6	7.75	99	207451	92.45	ng	0.00
23) Nitrobenzene-d5	9.17	82	143312	57.54	ng	0.00
42) 2,4,6-Tribromophenol	14.47	330	69110	92.82	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	280519	59.56	ng	0.00
79) Terphenyl-d14	17.86	244	364176	69.66	ng	0.00
Target Compounds						
10) Phenol	7.77	94	5923	2.310	ng	95
19) n-Nitroso-di-n-propylamine	9.16	70	21869	13.729	ng	# 80
32) Benzoic acid	10.00	122	25	5.044	ng	# 32
50) Dimethylphthalate	12.77	163	9976	2.042	ng	96

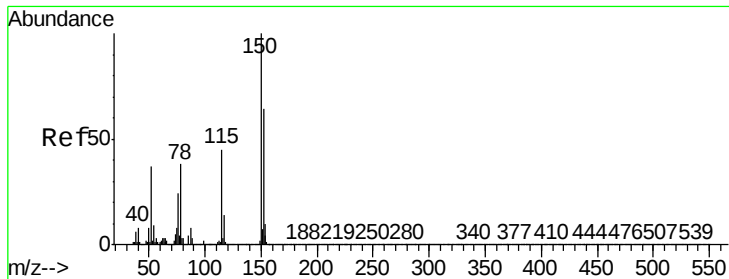
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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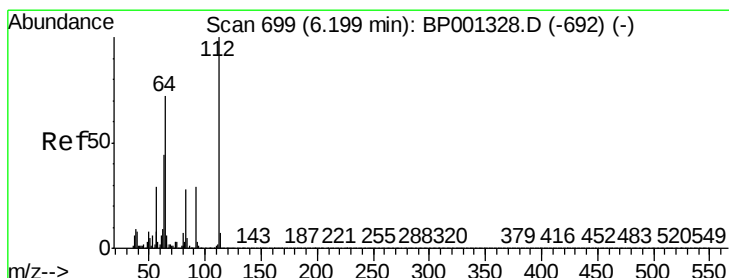
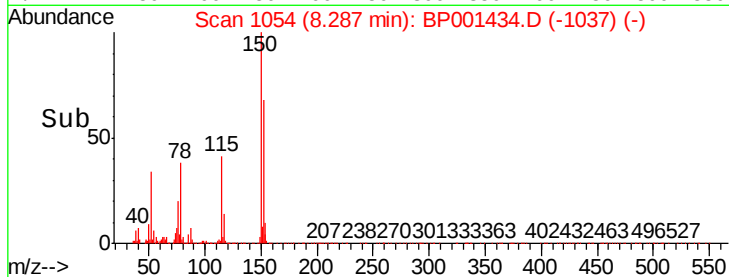
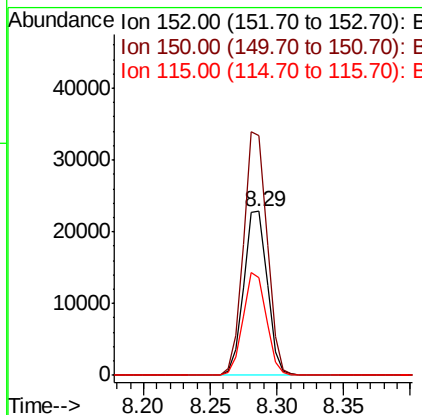
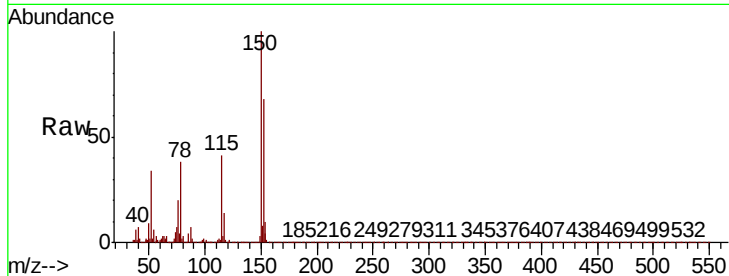




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.29 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BP001434.D
 Acq: 26 Dec 2019 21:25

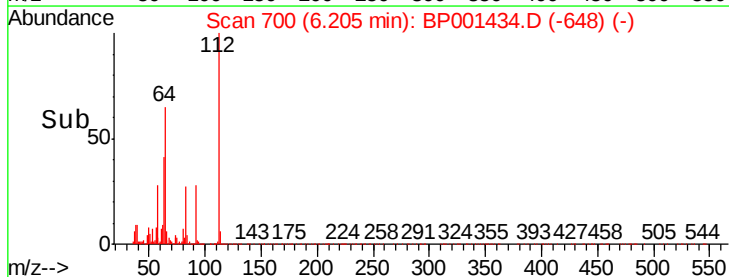
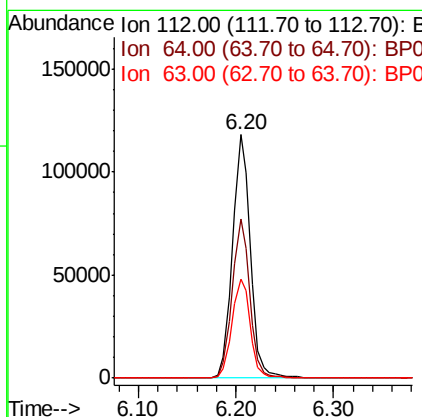
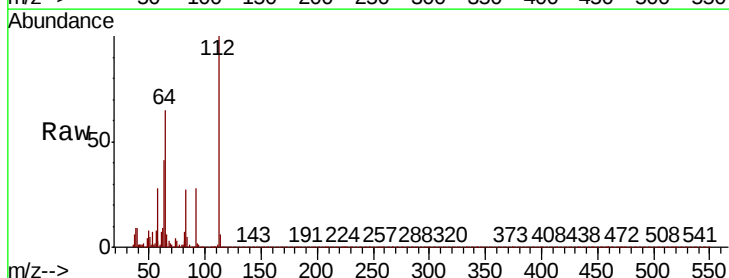
Instrument :
 BNA_P
 ClientSampleId :

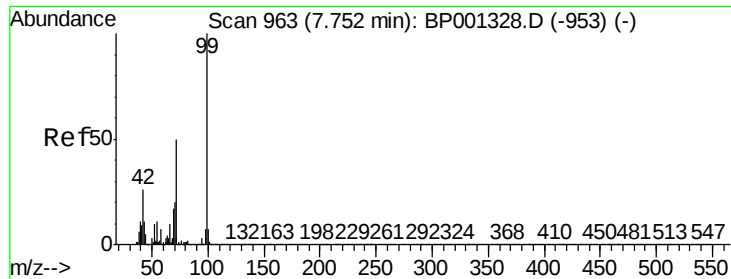
Tot Ion:	152	Resp:	27792
Ion	Ratio	Lower	Upper
152	100		
150	146.3	127.0	190.6
115	59.5	56.1	84.1



#5
 2-Fluorophenol
 Concen: 87.217 ng
 RT: 6.20 min Scan# 700
 Delta R.T. 0.01 min
 Lab File: BP001434.D
 Acq: 26 Dec 2019 21:25

Tgt Ion:	112	Resp:	149979
Ion	Ratio	Lower	Upper
112	100		
64	65.2	53.9	80.9
63	40.7	33.4	50.0





#7

Phenol-d6

Concen: 92.453 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BP001434.D

Acq: 26 Dec 2019 21:25

Instrument :

BNA_P

ClientSampleId :

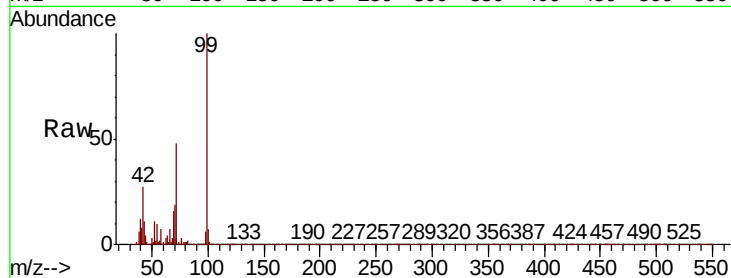
Tot Ion: 99 Resp: 207451

Ion Ratio Lower Upper

99 100

42 26.7 20.8 31.2

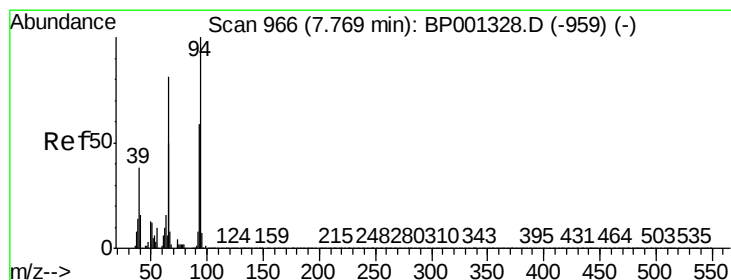
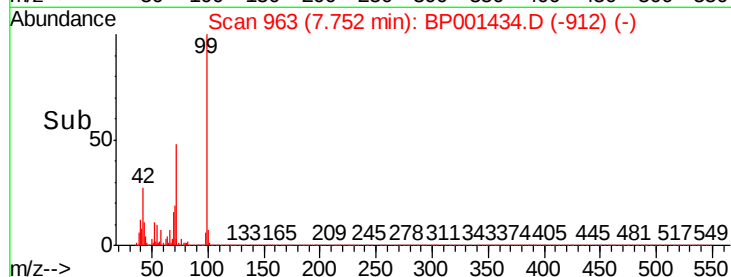
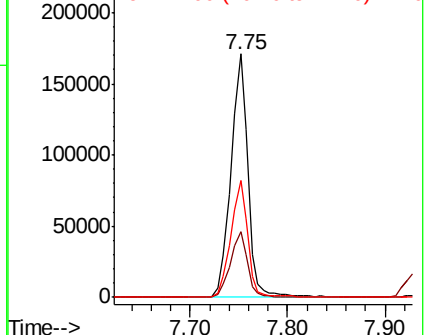
71 48.2 38.2 57.4



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



#10

Phenol

Concen: 2.310 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BP001434.D

Acq: 26 Dec 2019 21:25

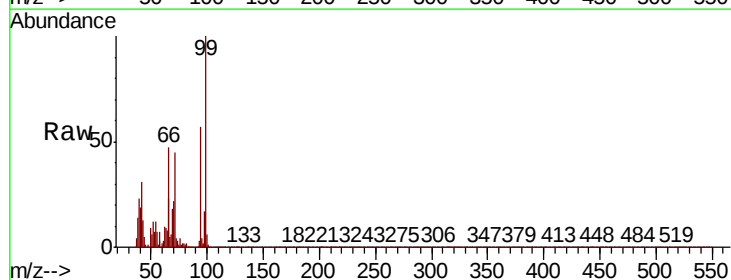
Tgt Ion: 94 Resp: 5923

Ion Ratio Lower Upper

94 100

65 40.7 29.6 69.6

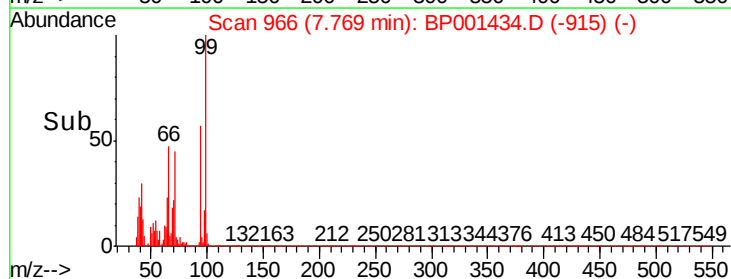
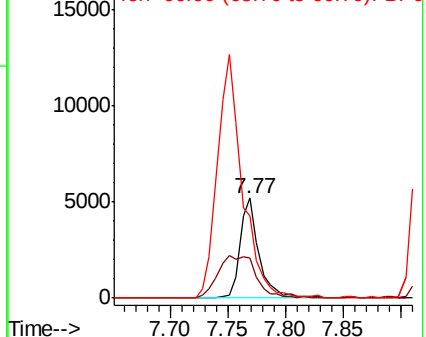
66 82.2 62.3 102.3

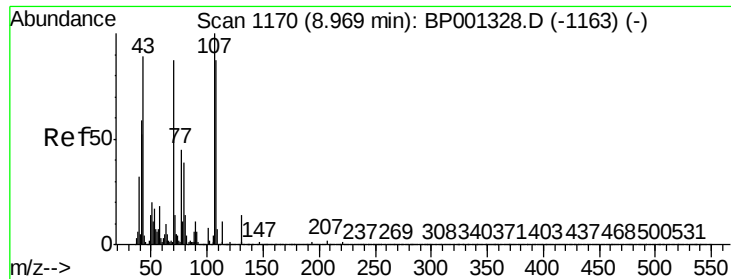


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

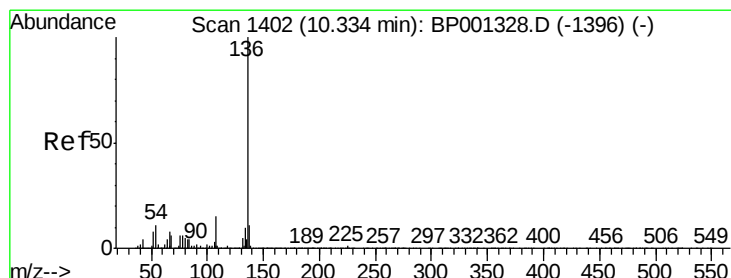
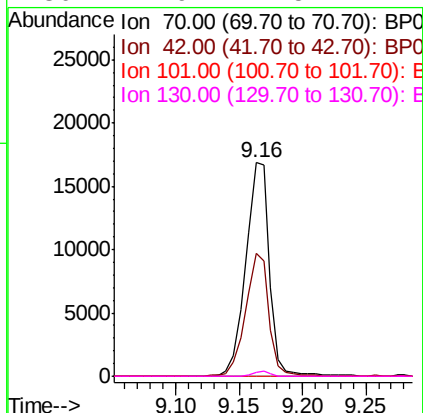
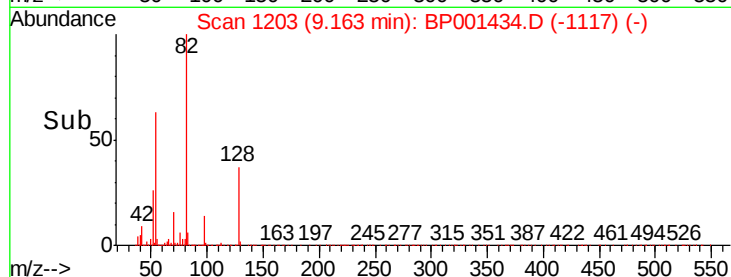
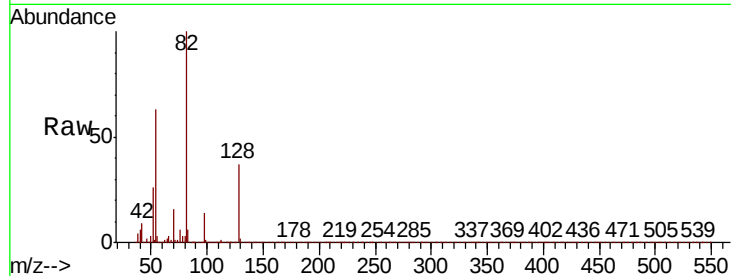




#19
n-Nitroso-di-n-propylamine
Concen: 13.729 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.21 min
Lab File: BP001434.D
Acq: 26 Dec 2019 21:25

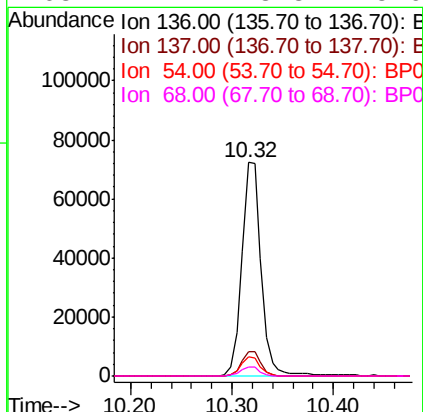
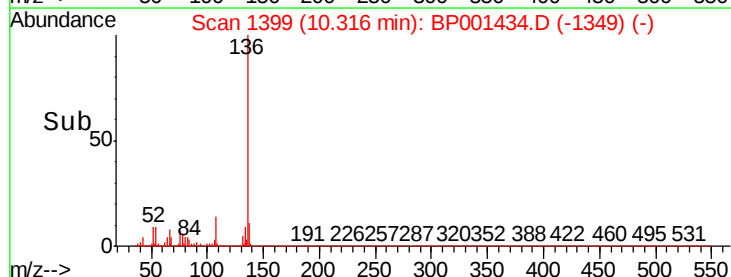
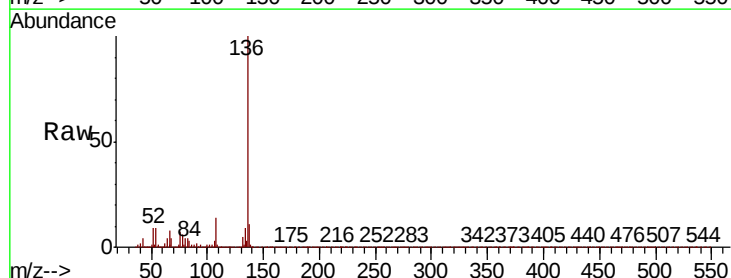
Instrument :
BNA_P
ClientSampled :

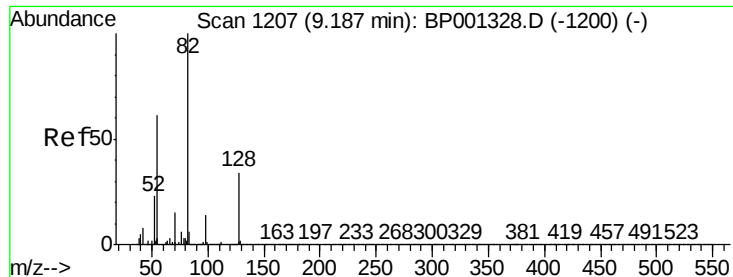
Tot Ion: 70 Resp: 21869
Ion Ratio Lower Upper
70 100
42 57.4 55.8 83.8
101 0.1 8.2 12.2#
130 1.9 14.5 21.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BP001434.D
Acq: 26 Dec 2019 21:25

Tgt Ion: 136 Resp: 95652
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.4
54 9.2 7.3 10.9
68 4.1 3.8 5.6

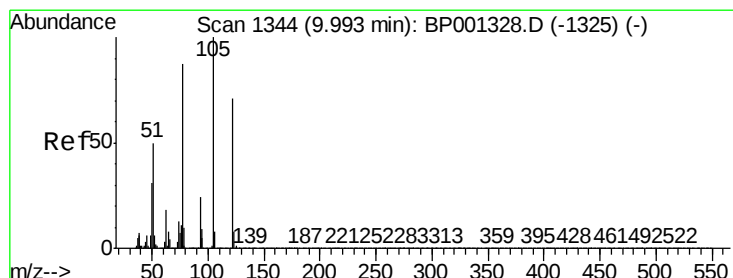
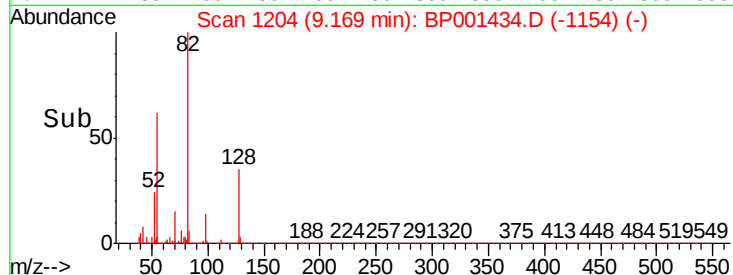
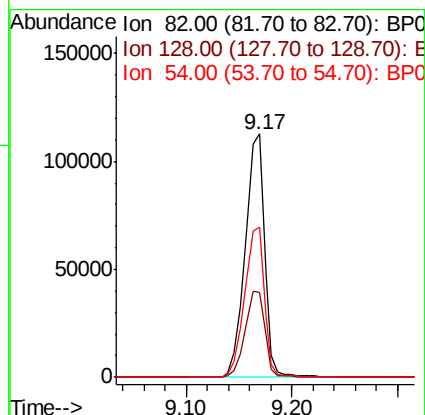
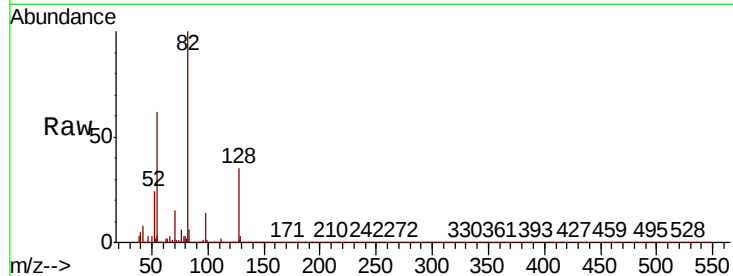




#23
 Nitrobenzene-d5
 Concen: 57.535 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BP001434.D
 Acq: 26 Dec 2019 21:25

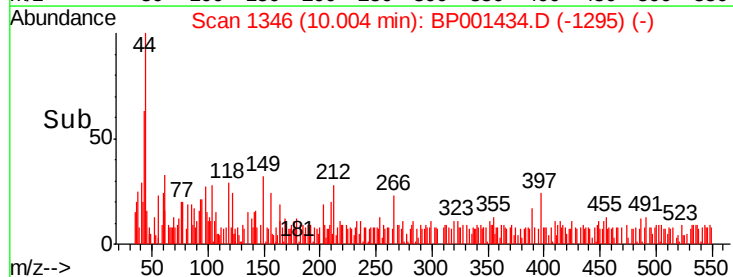
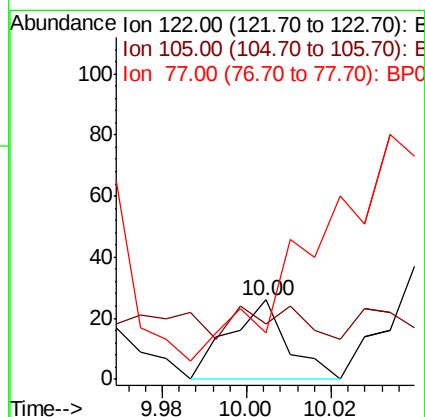
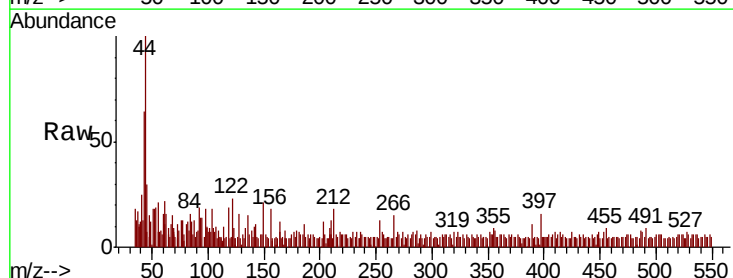
Instrument :
 BNA_P
 ClientSampleId :

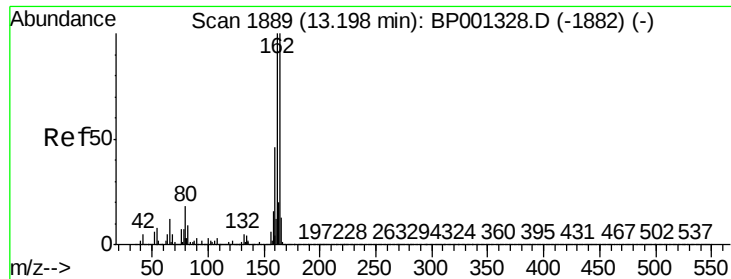
Tot Ion	82	Resp	143312
Ion Ratio	100	Lower	Upper
128	35.1	27.4	41.0
54	61.8	47.5	71.3



#32
 Benzoic acid
 Concen: 5.044 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BP001434.D
 Acq: 26 Dec 2019 21:25

Tgt Ion	122	Resp	25
Ion Ratio	100	Lower	Upper
105	50.0	117.8	157.8#
77	41.7	85.6	125.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.18 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BP001434.D

Acq: 26 Dec 2019 21:25

Instrument :

BNA_P

ClientSampleId :

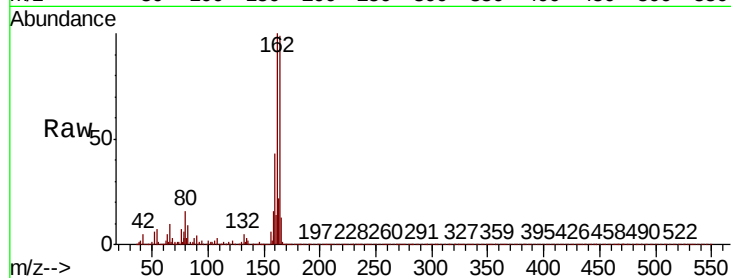
Tot Ion:164 Resp: 59551

Ion Ratio Lower Upper

164 100

162 101.4 78.2 117.4

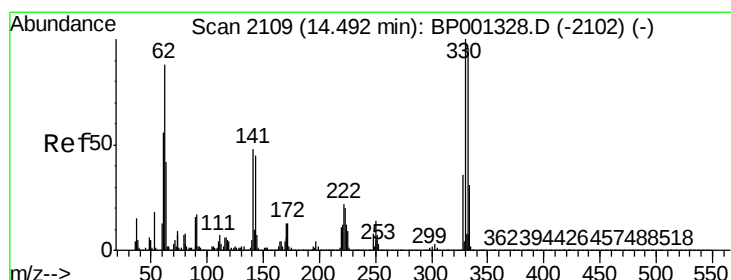
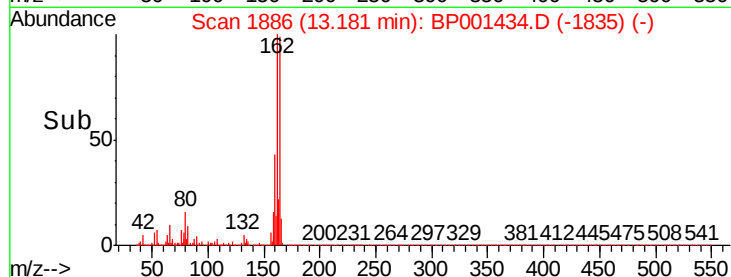
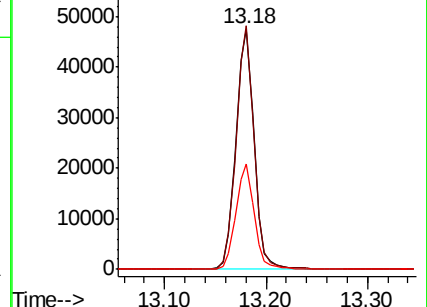
160 43.7 35.1 52.7



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: 92.824 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BP001434.D

Acq: 26 Dec 2019 21:25

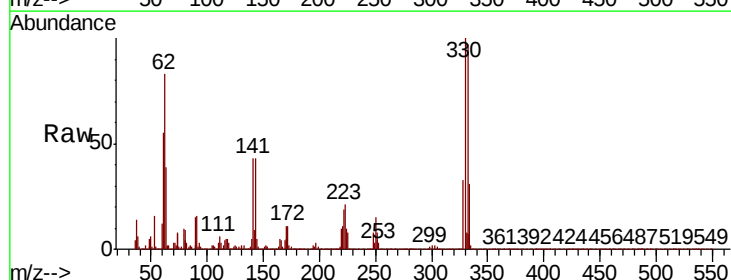
Tgt Ion:330 Resp: 69110

Ion Ratio Lower Upper

330 100

332 96.8 78.3 117.5

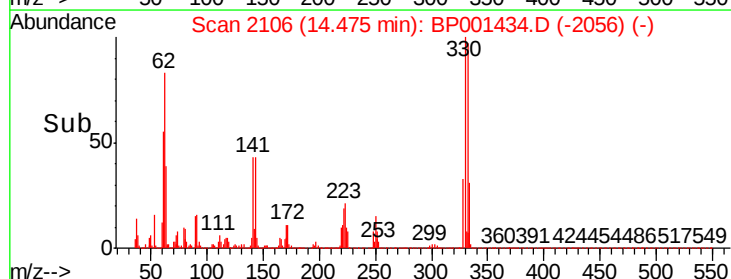
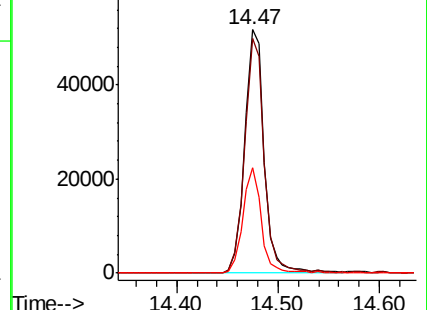
141 41.1 26.8 40.2#

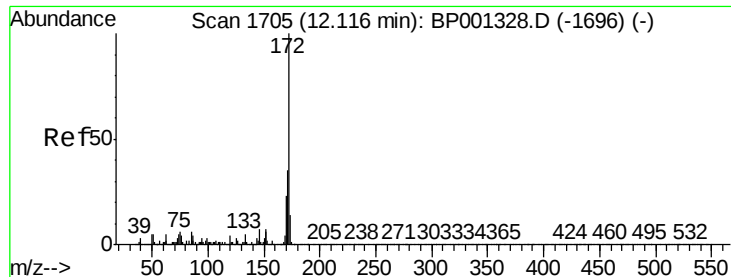


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 59.564 ng

RT: 12.10 min Scan# 1702

Delta R.T. -0.00 min

Lab File: BP001434.D

Acq: 26 Dec 2019 21:25

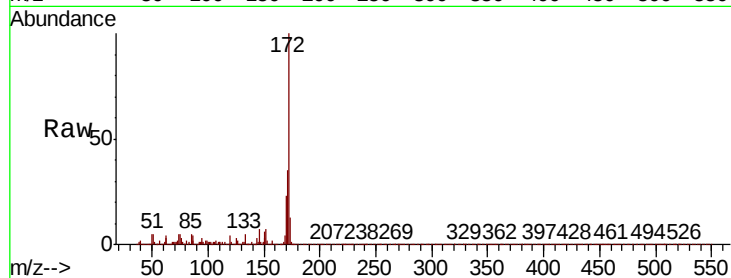
Instrument :

BNA_P

ClientSampleId :

Tot Ion:172 Resp: 280519

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.4	41.0
170	22.7	18.2	27.4

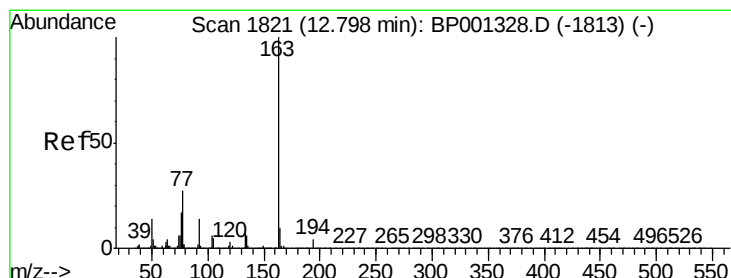
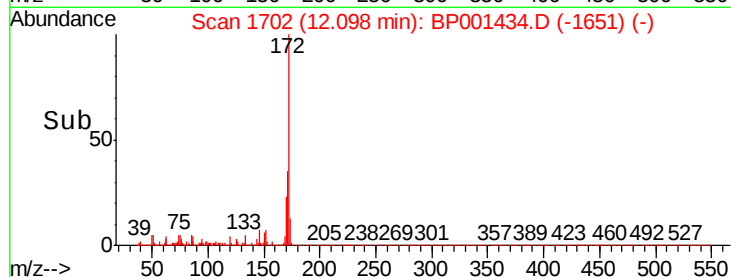
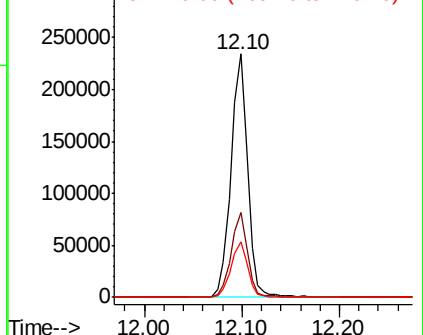


Abundance

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



#50

Dimethylphthalate

Concen: 2.042 ng

RT: 12.77 min Scan# 1816

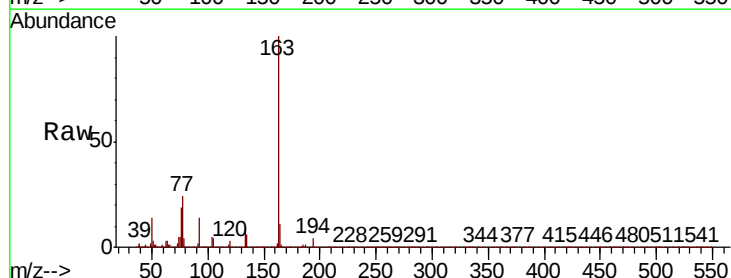
Delta R.T. -0.01 min

Lab File: BP001434.D

Acq: 26 Dec 2019 21:25

Tgt Ion:163 Resp: 9976

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.2	4.8
164	11.5	7.7	11.5

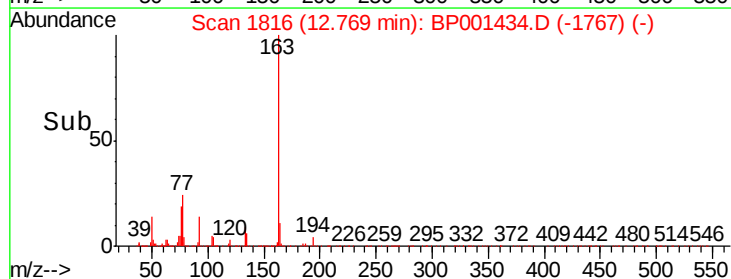
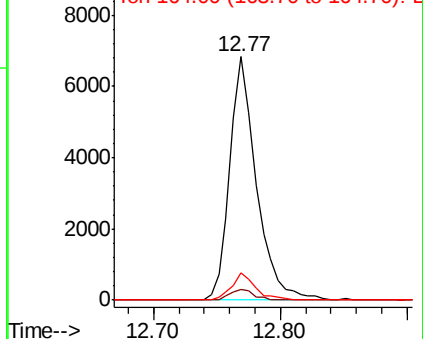


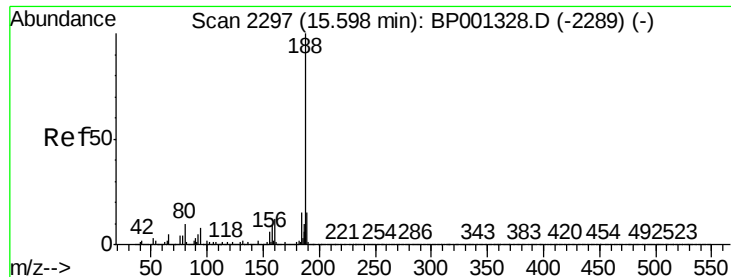
Abundance

Ion 163.00 (162.70 to 163.70): E

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: 15.58 min Scan# 2294

Delta R.T. -0.00 min

Lab File: BP001434.D

Acq: 26 Dec 2019 21:25

Instrument :

BNA_P

ClientSampleId :

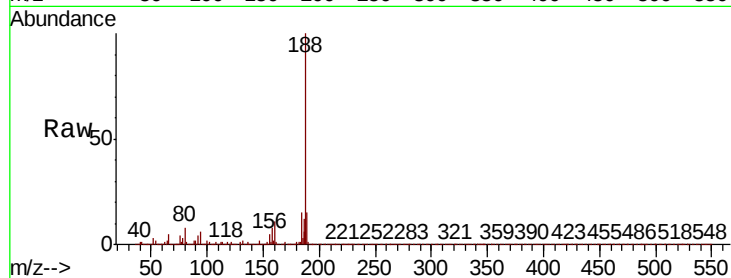
Tot Ion:188 Resp: 116688

Ion Ratio Lower Upper

188 100

94 6.5 5.8 8.8

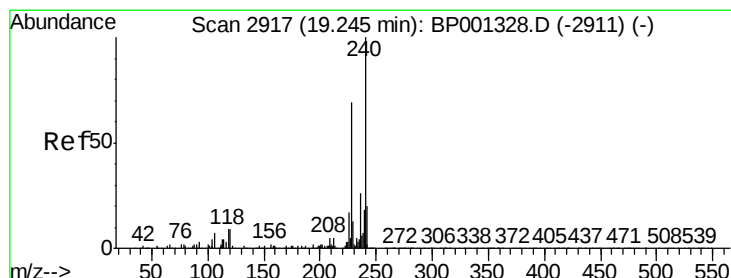
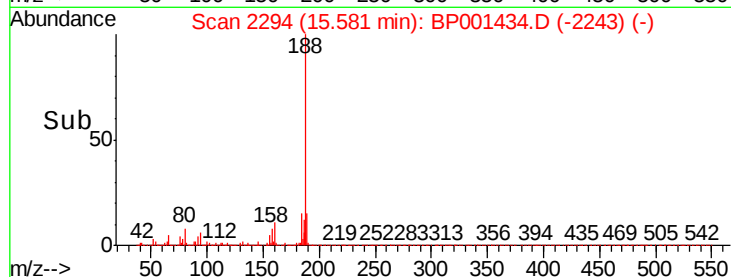
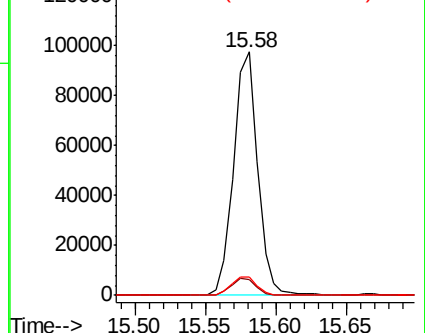
80 7.6 5.7 8.5



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

Chrysene-d12

Concen: 20.000 ng

RT: 19.22 min Scan# 2913

Delta R.T. -0.01 min

Lab File: BP001434.D

Acq: 26 Dec 2019 21:25

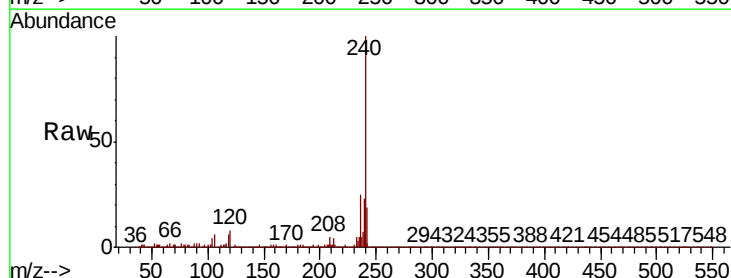
Tgt Ion:240 Resp: 89538

Ion Ratio Lower Upper

240 100

120 7.7 6.2 9.2

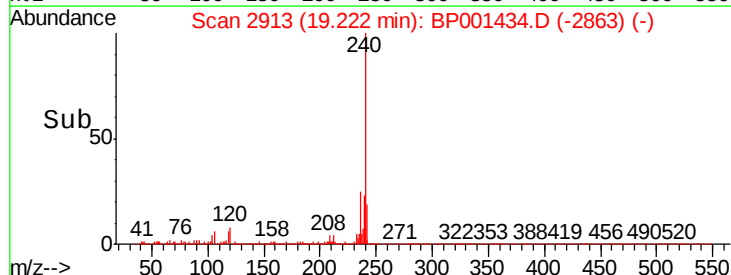
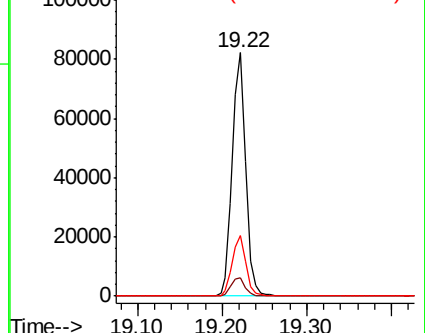
236 25.0 20.2 30.2

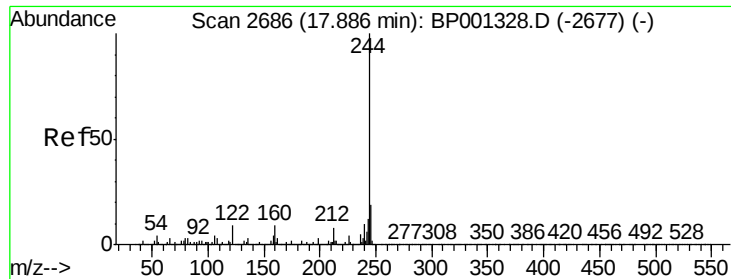


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.663 ng

RT: 17.86 min Scan# 2682

Delta R.T. -0.01 min

Lab File: BP001434.D

Acq: 26 Dec 2019 21:25

Instrument :

BNA_P

ClientSampleId :

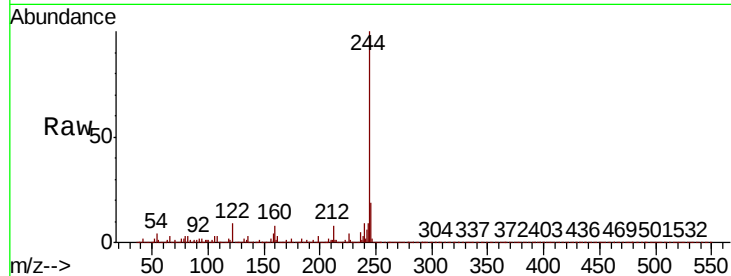
Tot Ion:244 Resp: 364176

Ion Ratio Lower Upper

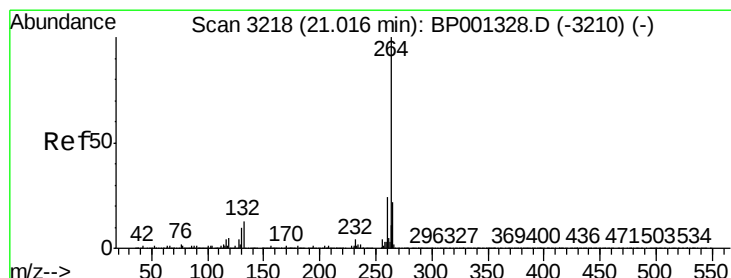
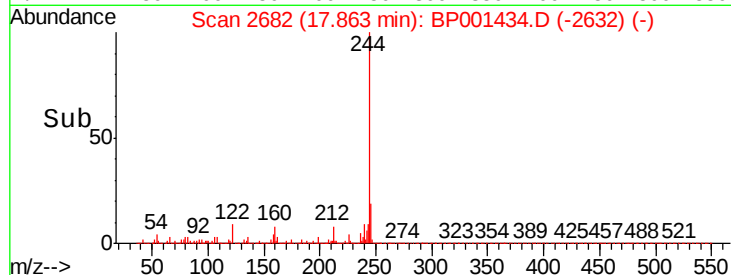
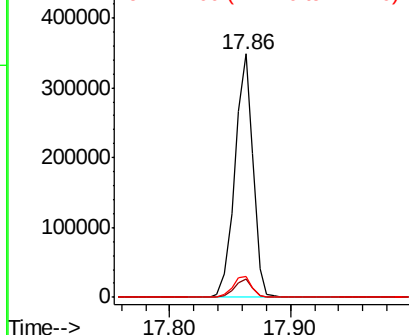
244 100

212 7.7 5.8 8.8

122 8.6 6.4 9.6



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: 20.99 min Scan# 3213

Delta R.T. -0.01 min

Lab File: BP001434.D

Acq: 26 Dec 2019 21:25

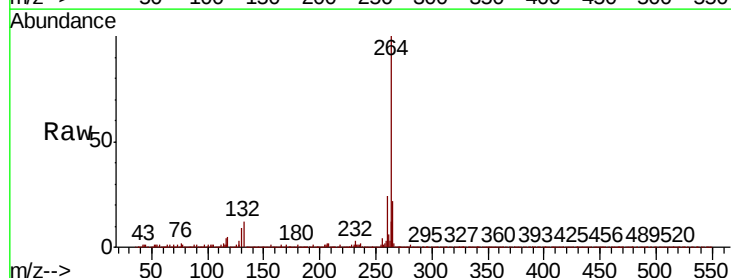
Tgt Ion:264 Resp: 92525

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.4

265 22.0 17.0 25.4



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

