

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
 Data File : BP001346.D
 Acq On : 20 Dec 2019 16:46
 Operator : JU
 Sample : K6300-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 20 22:06:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 20 03:20:39 2019
 Response via : Initial Calibration

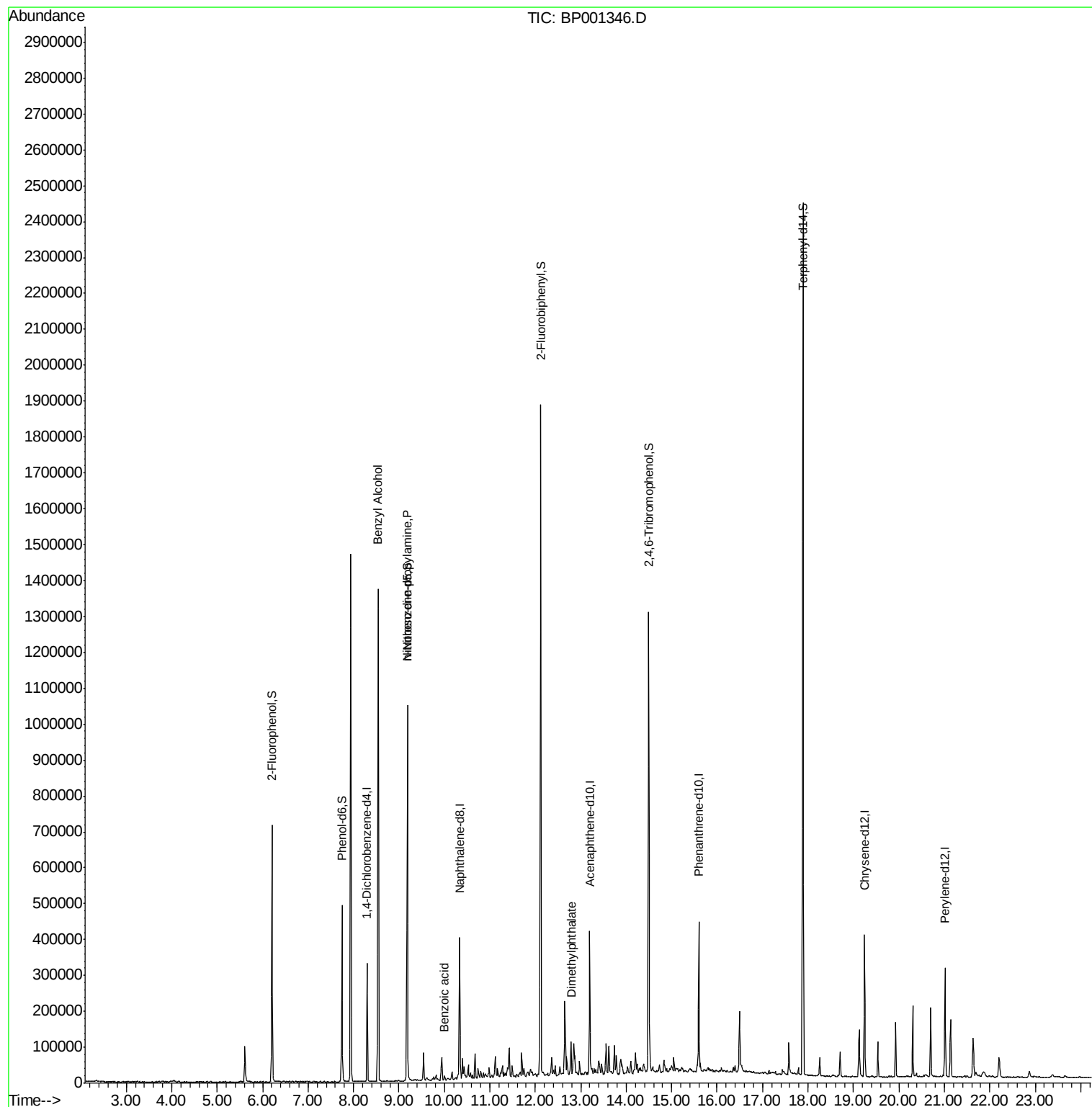
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	51547	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	181610	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	98741	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	185654	20.00	ng	0.00
76) Chrysene-d12	19.25	240	143839	20.00	ng	0.00
87) Perylene-d12	21.02	264	154607	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	201013	63.03	ng	0.00
7) Phenol-d6	7.75	99	167643	40.28	ng	0.00
23) Nitrobenzene-d5	9.19	82	442152	93.49	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	175016	141.77	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	738308	94.55	ng	0.00
79) Terphenyl-d14	17.89	244	907410	108.05	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.54	79	8966	2.296	ng	# 50
19) n-Nitroso-di-n-propylamine	9.19	70	66585	22.537	ng	# 77
32) Benzoic acid	9.99	122	19	5.031	ng	# 1
50) Dimethylphthalate	12.79	163	36593	4.517	ng	99

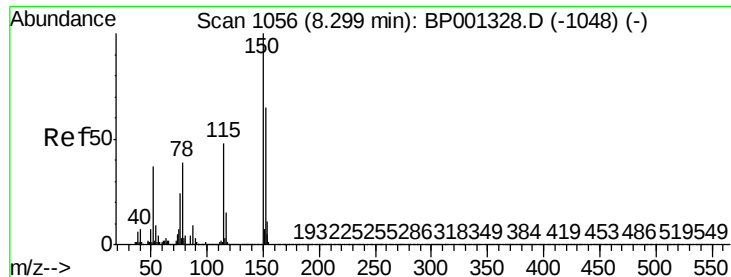
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.30 min Scan# 1056

Delta R.T. -0.00 min

Lab File: BP001346.D

Acq: 20 Dec 2019 16:46

Instrument :

BNA_P

ClientSampleId :

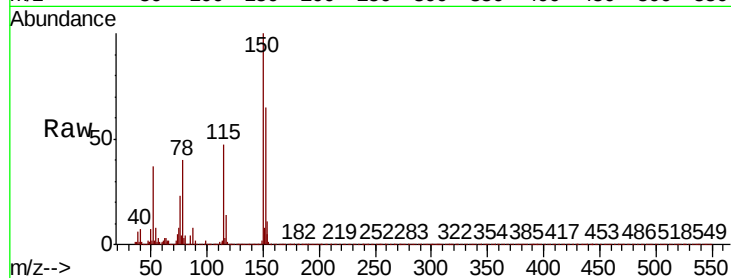
Tot Ion:152 Resp: 51547

Ion Ratio Lower Upper

152 100

150 153.2 124.0 186.0

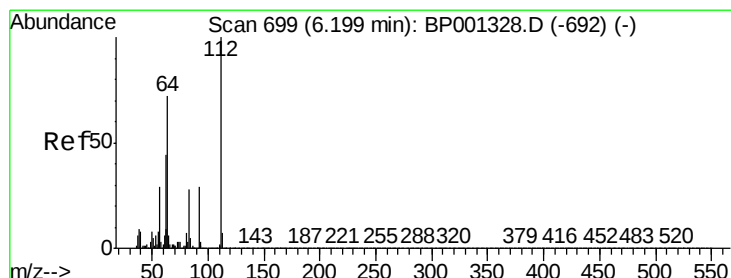
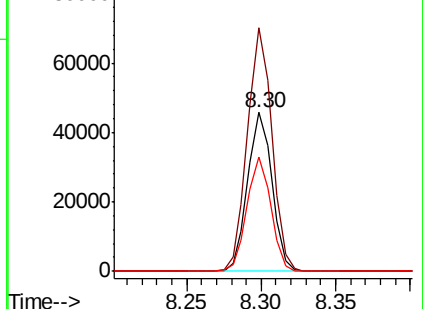
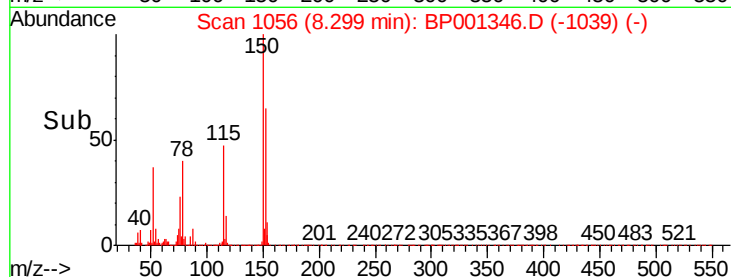
115 72.0 59.3 88.9



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: 63.025 ng

RT: 6.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BP001346.D

Acq: 20 Dec 2019 16:46

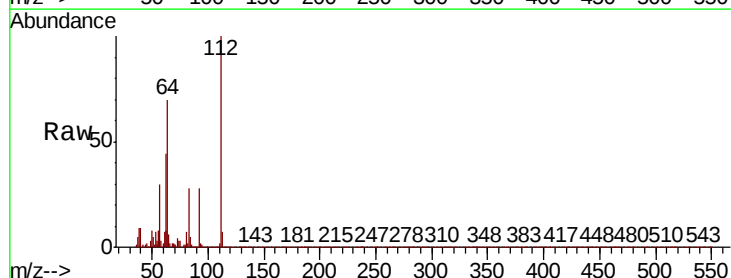
Tgt Ion:112 Resp: 201013

Ion Ratio Lower Upper

112 100

64 70.4 57.6 86.4

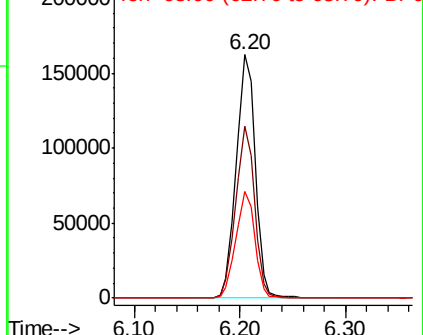
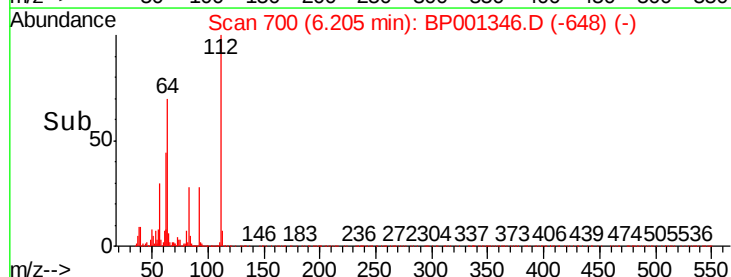
63 44.0 35.1 52.7

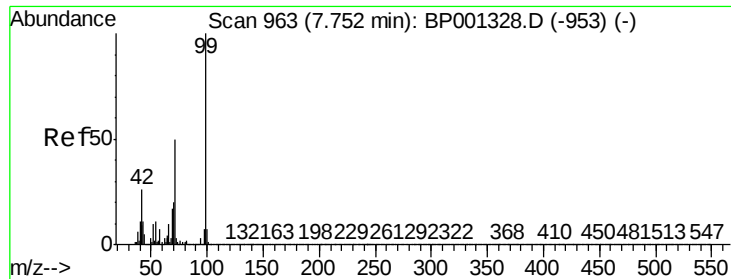


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 40.282 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BP001346.D

Acq: 20 Dec 2019 16:46

Instrument :

BNA_P

ClientSampleId :

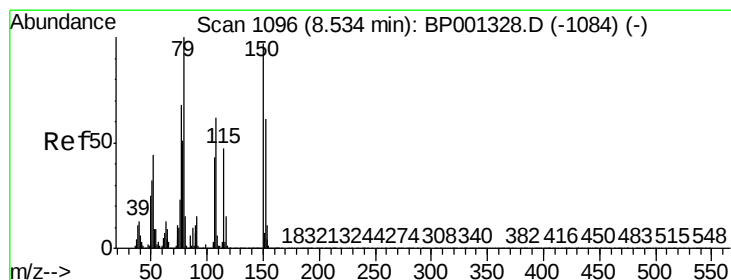
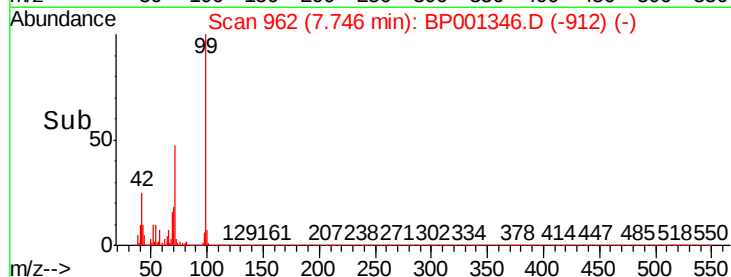
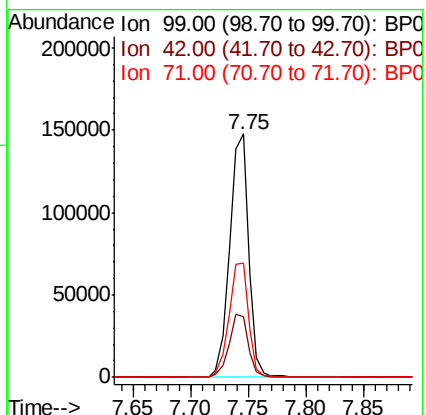
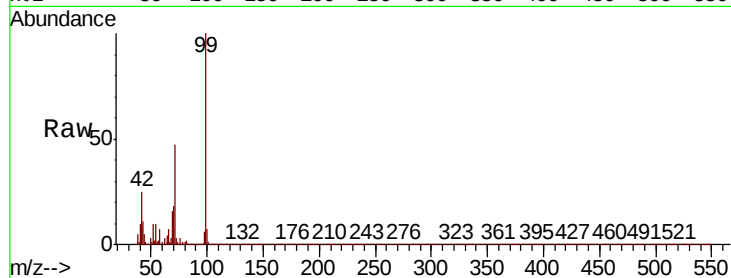
Tot Ion: 99 Resp: 167643

Ion Ratio Lower Upper

99 100

42 24.9 20.9 31.3

71 47.2 40.0 60.0



#15

Benzyl Alcohol

Concen: 2.296 ng

RT: 8.54 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BP001346.D

Acq: 20 Dec 2019 16:46

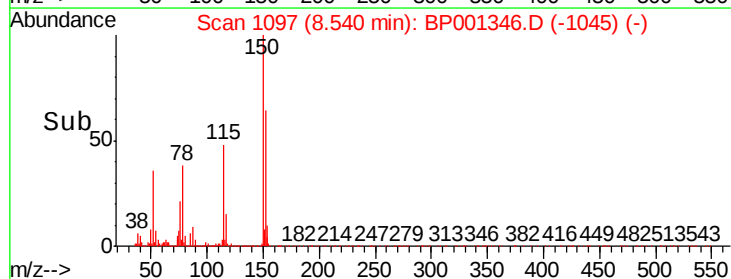
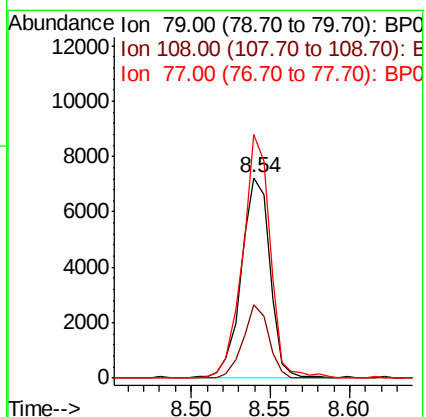
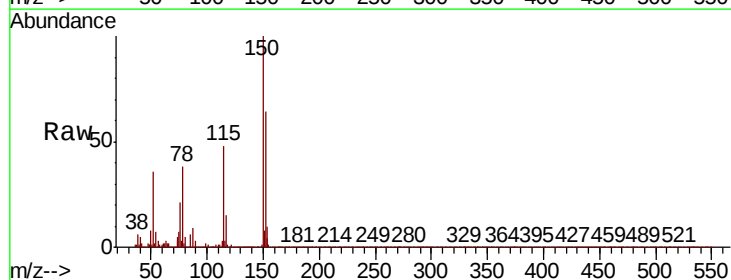
Tgt Ion: 79 Resp: 8966

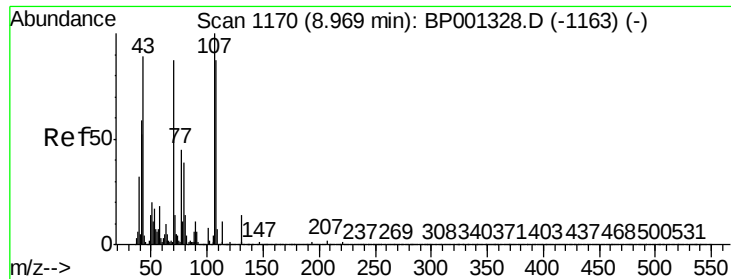
Ion Ratio Lower Upper

79 100

108 36.8 49.3 73.9#

77 121.5 54.4 81.6#

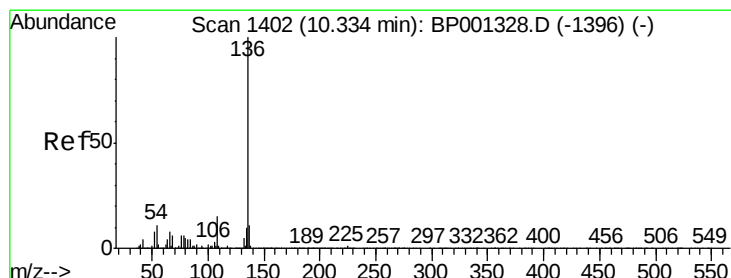
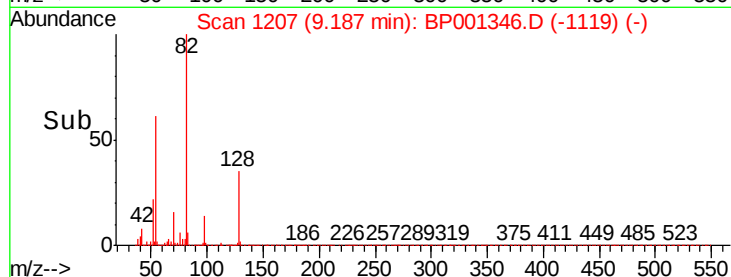
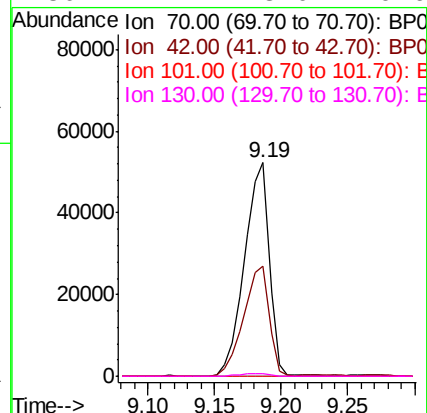
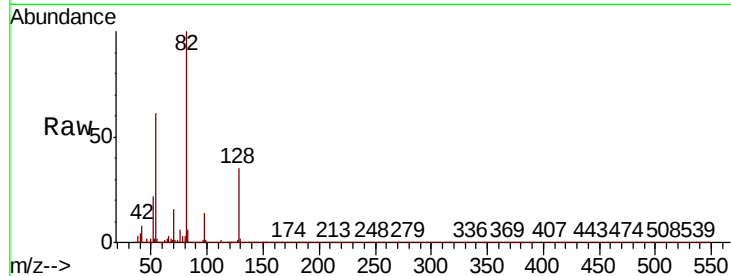




#19
n-Nitroso-di-n-propylamine
Concen: 22.537 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.22 min
Lab File: BP001346.D
Acq: 20 Dec 2019 16:46

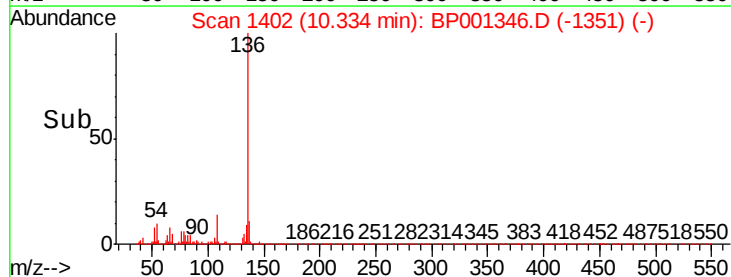
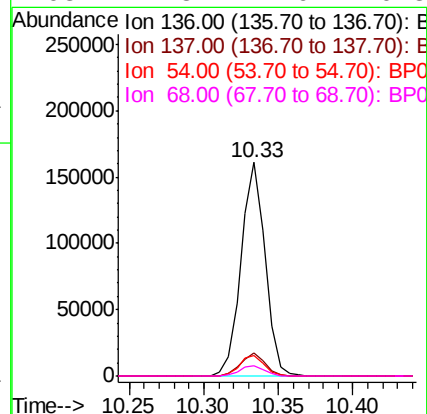
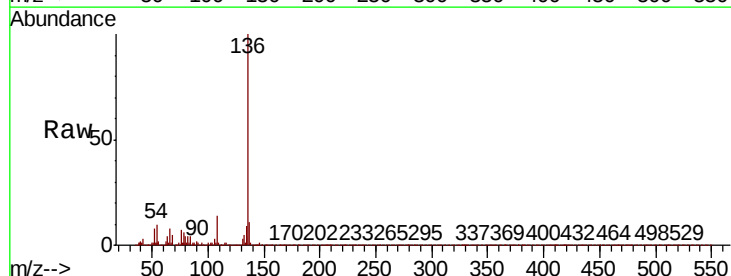
Instrument :
BNA_P
ClientSampleId :

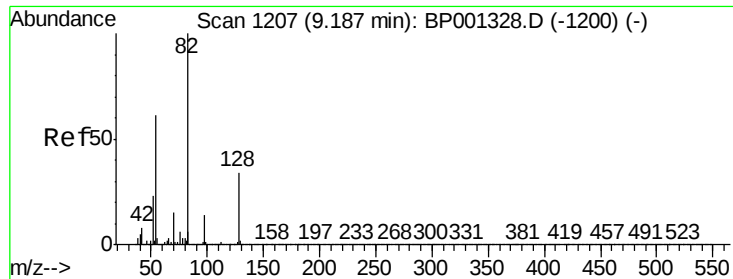
Tot Ion	Ratio	Lower	Upper
70	100		
42	51.5	54.1	81.1#
101	0.0	7.0	10.4#
130	1.4	13.0	19.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BP001346.D
Acq: 20 Dec 2019 16:46

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.6	8.8	13.2
68	4.8	4.6	6.8

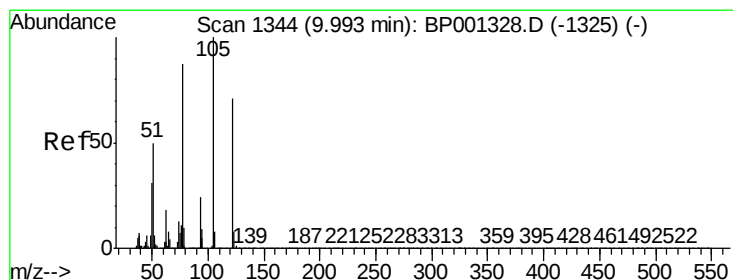
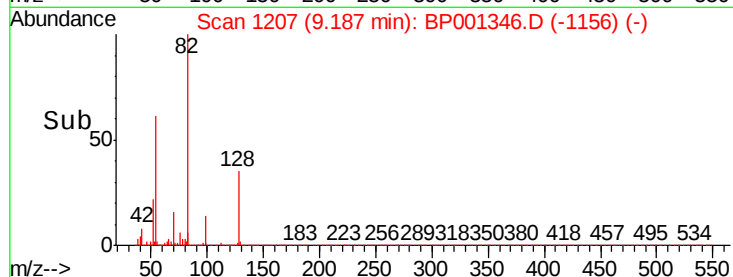
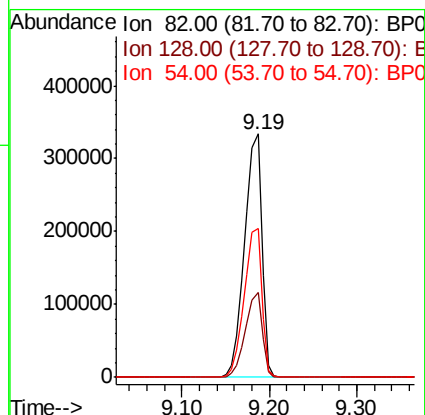
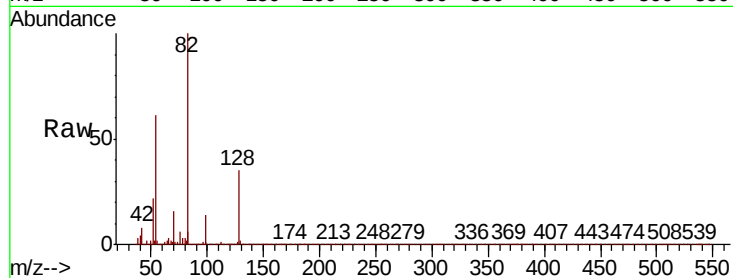




#23
 Nitrobenzene-d5
 Concen: 93.493 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BP001346.D
 Acq: 20 Dec 2019 16:46

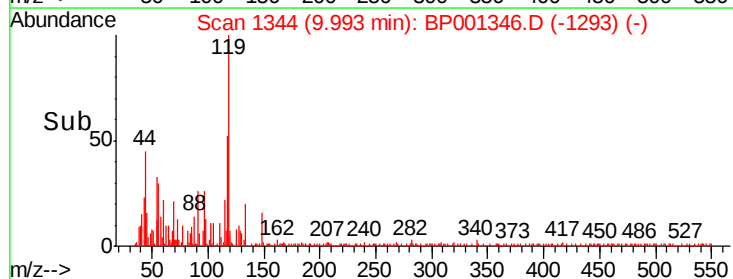
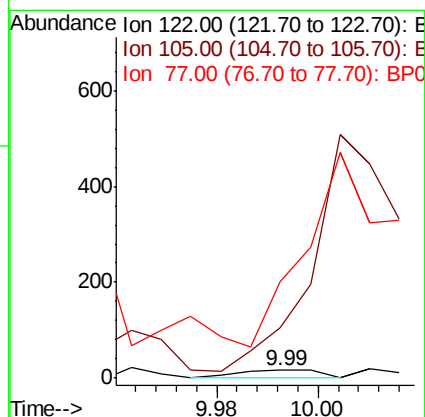
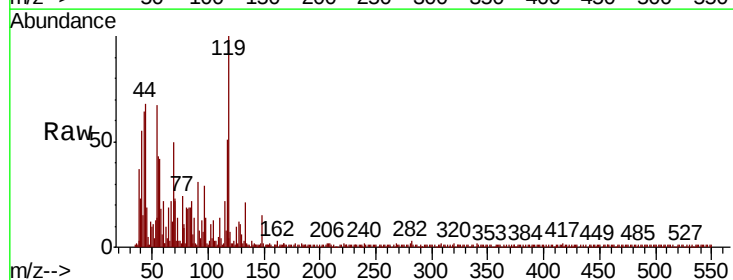
Instrument :
 BNA_P
 ClientSampleId :

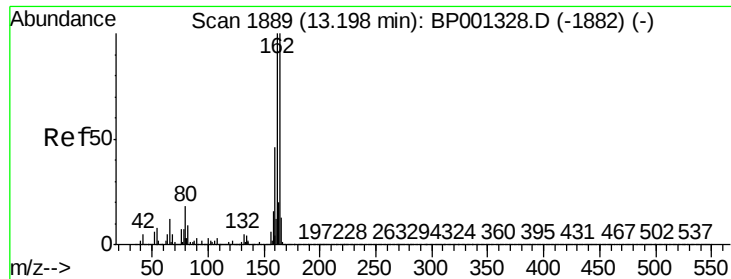
Tot Ion: 82 Resp: 442152
 Ion Ratio Lower Upper
 82 100
 128 35.0 27.0 40.4
 54 61.3 49.0 73.4



#32
 Benzoic acid
 Concen: 5.031 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BP001346.D
 Acq: 20 Dec 2019 16:46

Tgt Ion: 122 Resp: 19
 Ion Ratio Lower Upper
 122 100
 105 623.5 118.5 158.5#
 77 1182.4 101.3 141.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.20 min Scan# 1889

Delta R.T. -0.00 min

Lab File: BP001346.D

Acq: 20 Dec 2019 16:46

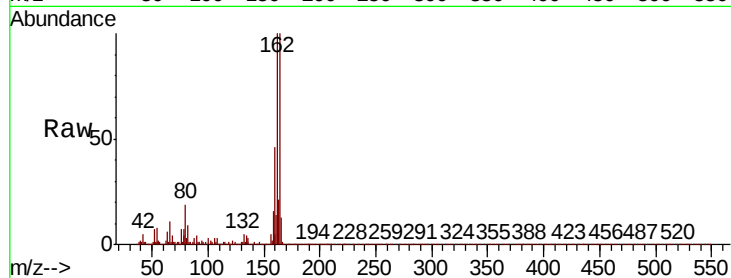
Instrument :

BNA_P

ClientSampleId :

Tot Ion:164 Resp: 98741

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.3	120.5
160	46.3	36.6	54.8

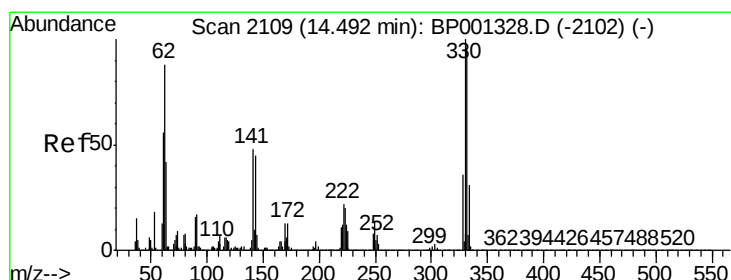
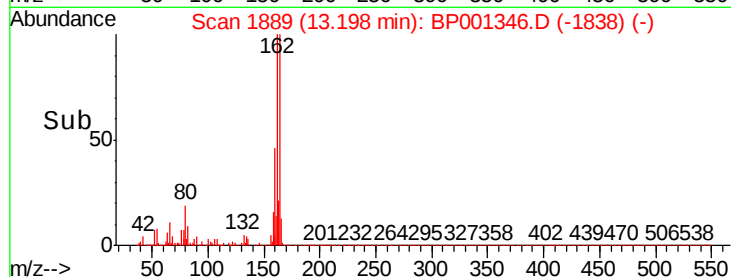
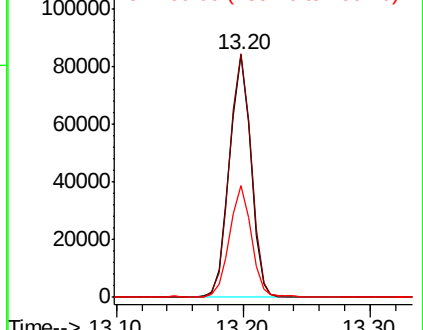


Abundance

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: 141.772 ng

RT: 14.50 min Scan# 2110

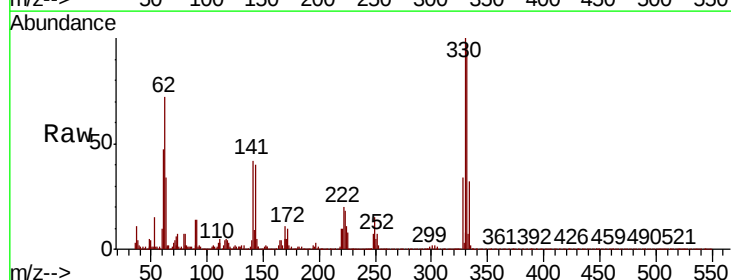
Delta R.T. 0.01 min

Lab File: BP001346.D

Acq: 20 Dec 2019 16:46

Tgt Ion:330 Resp: 175016

Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.7	118.1
141	45.9	36.2	54.4

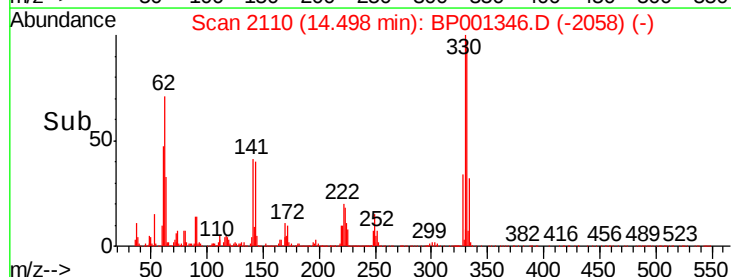
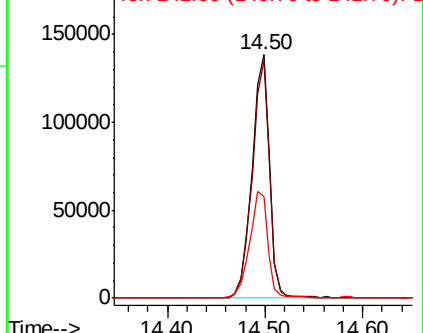


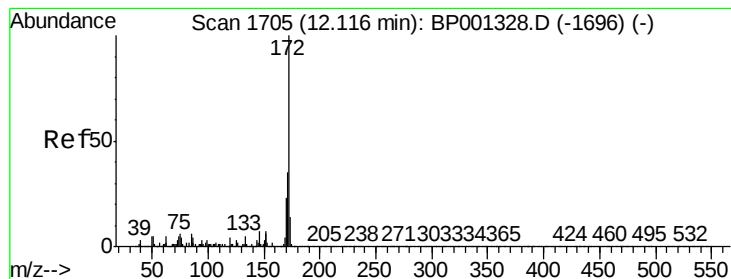
Abundance

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: 94.548 ng

RT: 12.12 min Scan# 1706

Delta R.T. 0.01 min

Lab File: BP001346.D

Acq: 20 Dec 2019 16:46

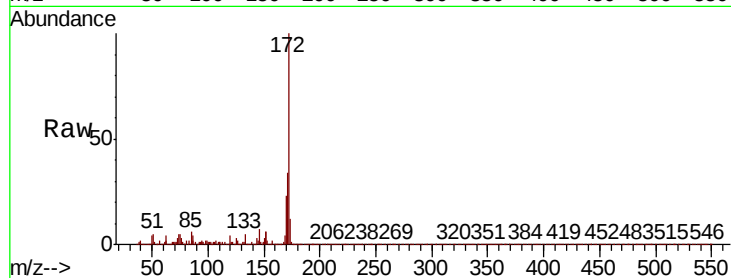
Instrument :

BNA_P

ClientSampleId :

Tot Ion:172 Resp: 738308

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.7	41.5
170	22.7	18.6	28.0

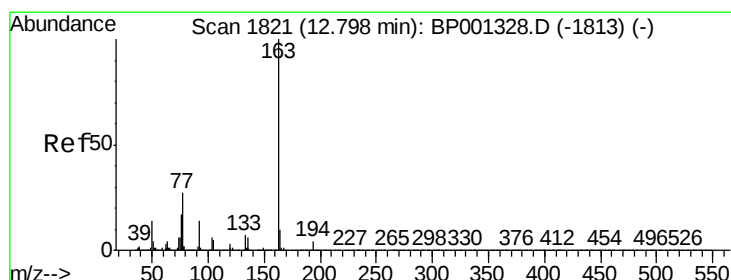
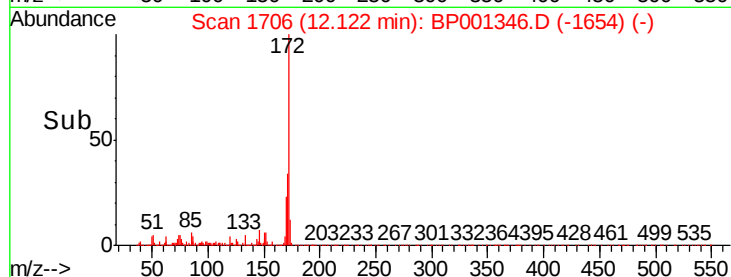
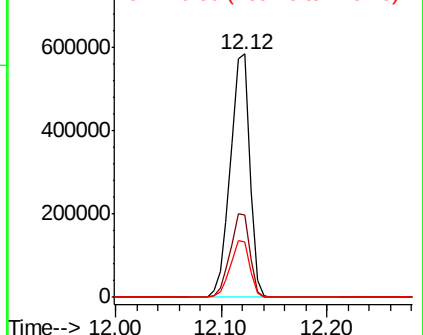


Abundance

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: 4.517 ng

RT: 12.79 min Scan# 1819

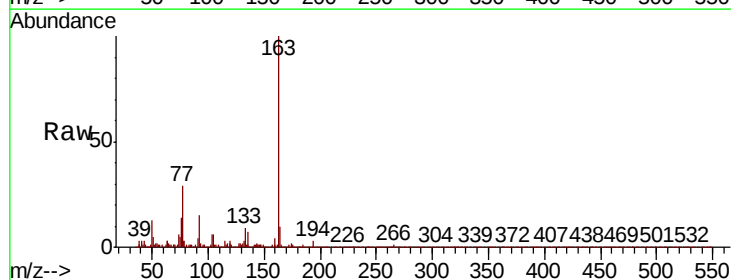
Delta R.T. -0.01 min

Lab File: BP001346.D

Acq: 20 Dec 2019 16:46

Tgt Ion:163 Resp: 36593

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.4	5.0
164	10.3	7.9	11.9

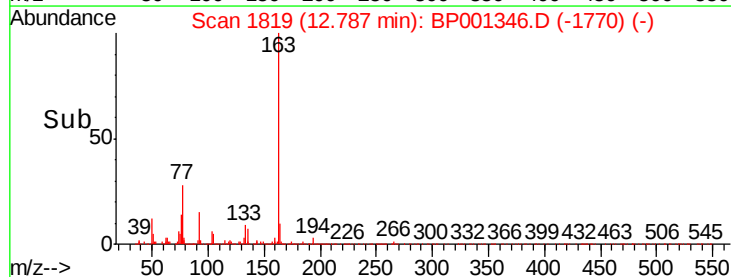
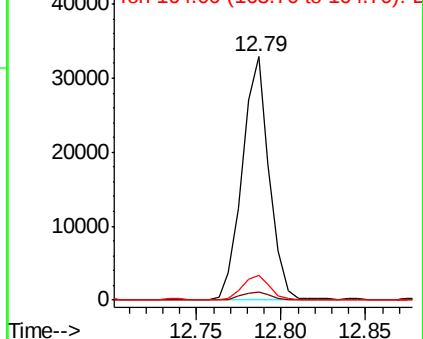


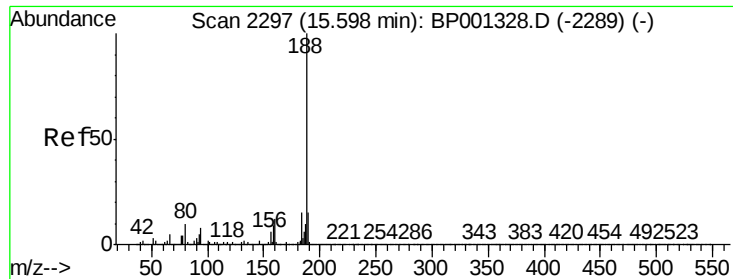
Abundance

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: 15.60 min Scan# 2297

Delta R.T. -0.00 min

Lab File: BP001346.D

Acq: 20 Dec 2019 16:46

Instrument :

BNA_P

ClientSampleId :

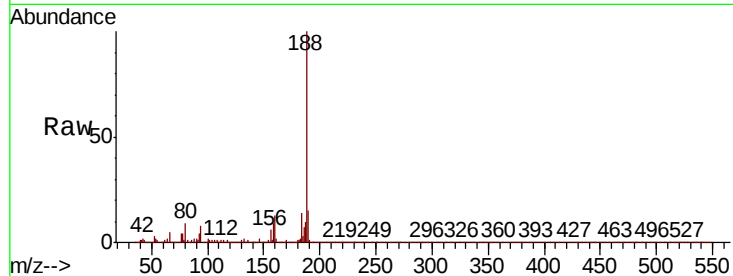
Tot Ion:188 Resp: 185654

Ion Ratio Lower Upper

188 100

94 8.2 6.6 10.0

80 9.1 7.8 11.6



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

200000

150000

100000

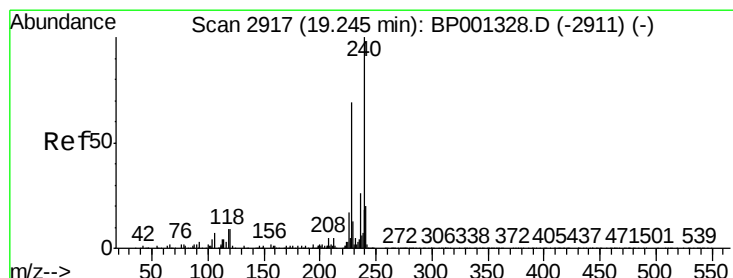
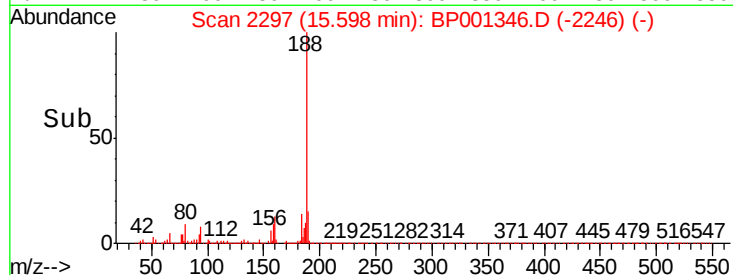
50000

0

15.50

15.60

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.25 min Scan# 2917

Delta R.T. -0.00 min

Lab File: BP001346.D

Acq: 20 Dec 2019 16:46

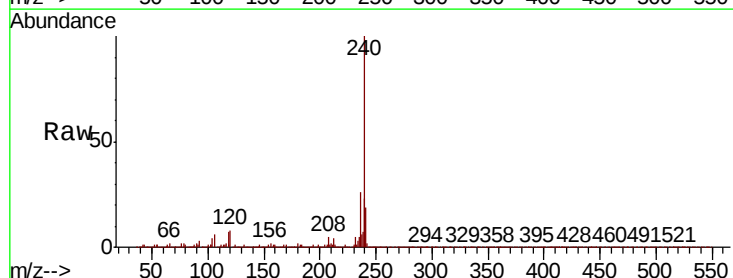
Tgt Ion:240 Resp: 143839

Ion Ratio Lower Upper

240 100

120 7.8 7.6 11.4

236 26.5 21.0 31.4



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

150000

100000

50000

0

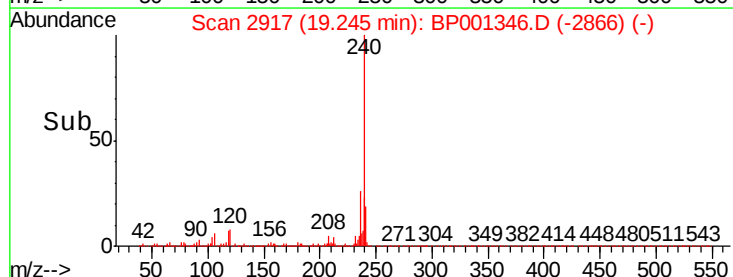
19.20

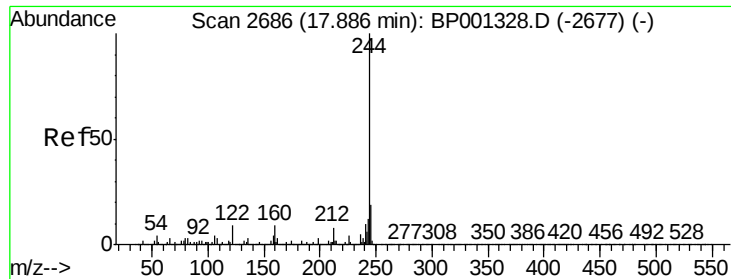
19.25

19.30

19.40

Time-->





#79

Terphenyl-d14

Concen: 108.050 ng

RT: 17.89 min Scan# 2686

Delta R.T. -0.00 min

Lab File: BP001346.D

Acq: 20 Dec 2019 16:46

Instrument :

BNA_P

ClientSampled :

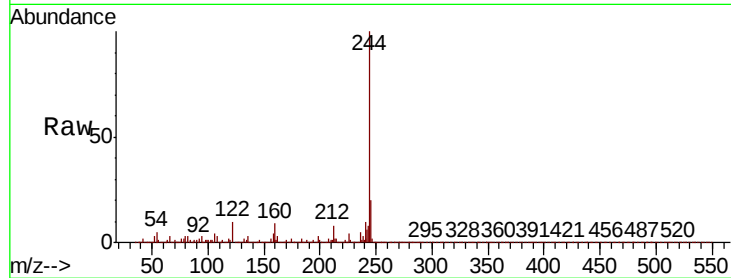
Tot Ion:244 Resp: 907410

Ion Ratio Lower Upper

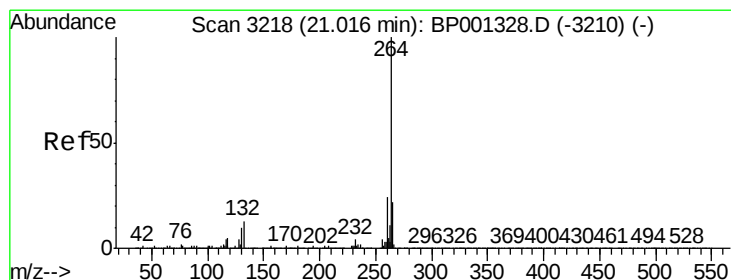
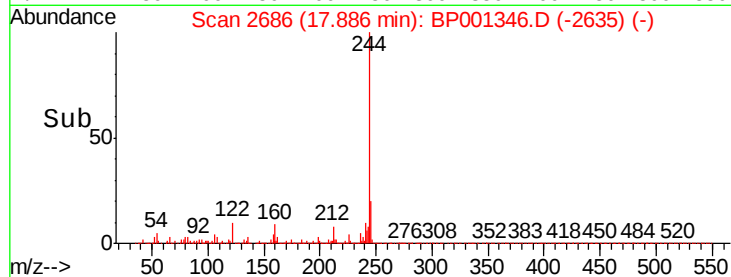
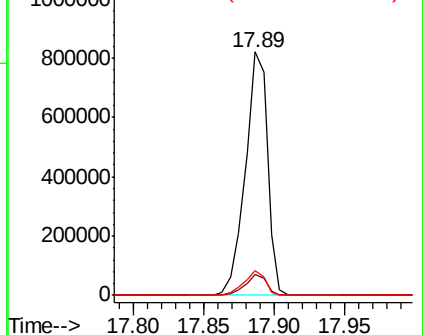
244 100

212 8.4 6.6 9.8

122 10.2 7.6 11.4



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: 21.02 min Scan# 3218

Delta R.T. -0.00 min

Lab File: BP001346.D

Acq: 20 Dec 2019 16:46

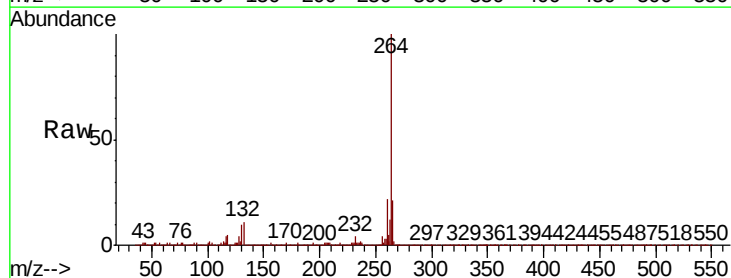
Tgt Ion:264 Resp: 154607

Ion Ratio Lower Upper

264 100

260 22.4 19.2 28.8

265 21.1 17.4 26.2



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

