

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091020\
 Data File : BP003250.D
 Acq On : 10 Sep 2020 16:20
 Operator : CG/JU
 Sample : L3941-03 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RBR-200031

Quant Time: Sep 10 16:59:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 14:37:05 2020
 Response via : Initial Calibration

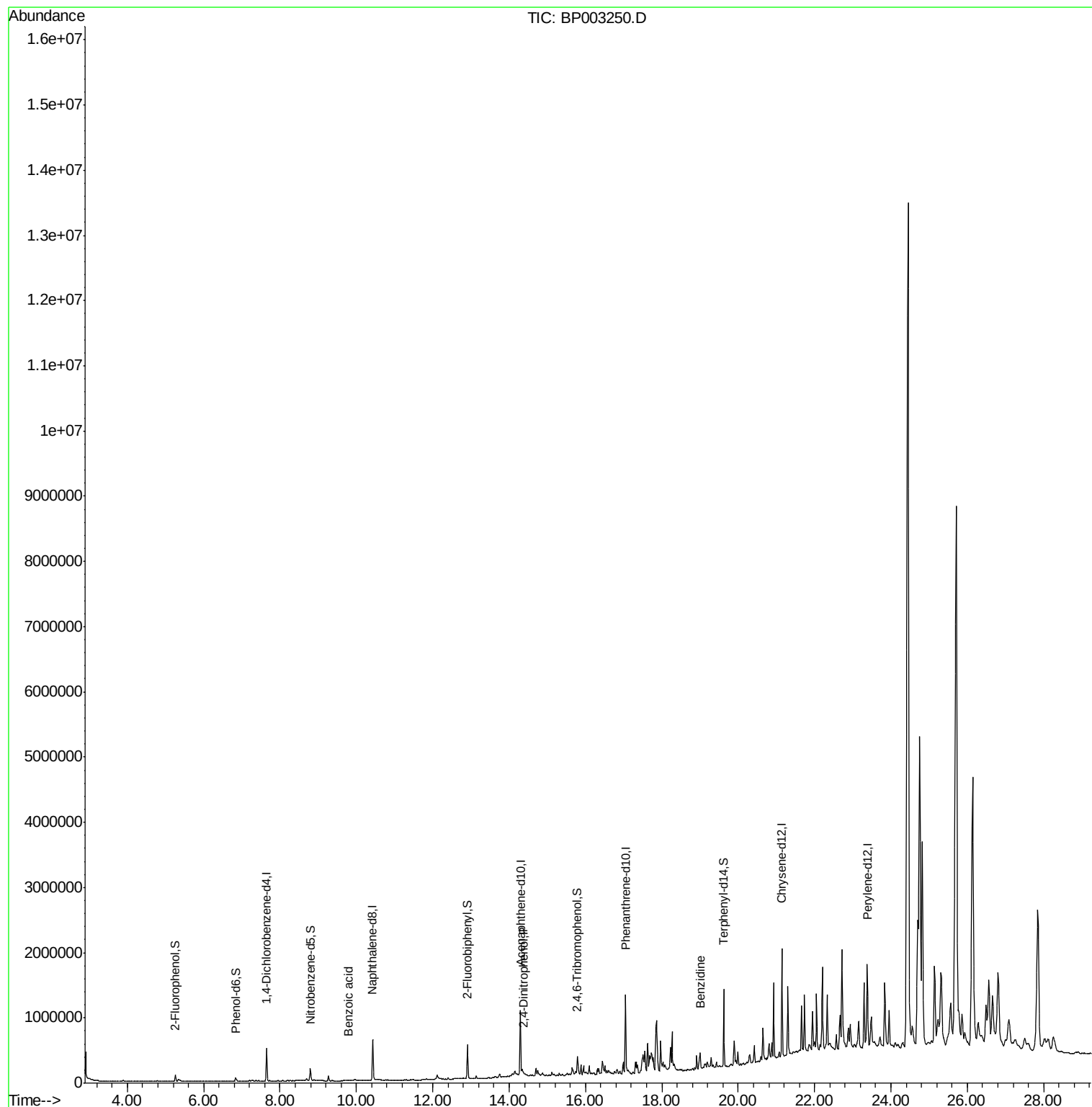
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	154226	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	584471	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	346647	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	736106	20.00	ng	0.00
76) Chrysene-d12	21.14	240	838727	20.00	ng	0.00
86) Perylene-d12	23.38	264	929852	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	51343	5.89	ng	0.00
7) Phenol-d6	6.84	99	37007	3.38	ng	0.00
23) Nitrobenzene-d5	8.79	82	112226	13.84	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	60163	12.83	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	304235	12.85	ng	-0.01
79) Terphenyl-d14	19.62	244	506156	13.28	ng	0.00
Target Compounds						
32) Benzoic acid	9.79	122	814	9.117	ng	# 65
54) 2,4-Dinitrophenol	14.38	184	234	7.825	ng	# 1
77) Benzidine	19.00	184	88695	4.627	ng	# 87

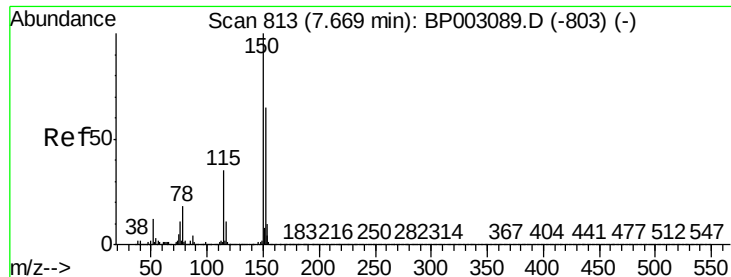
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091020\
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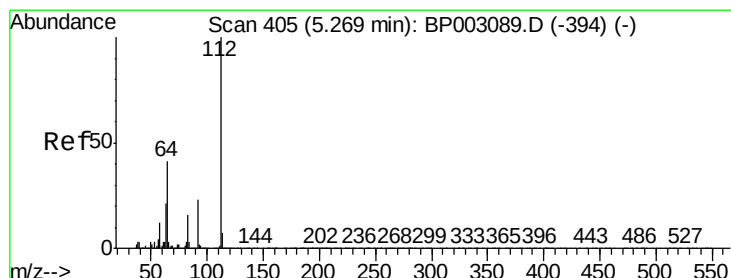
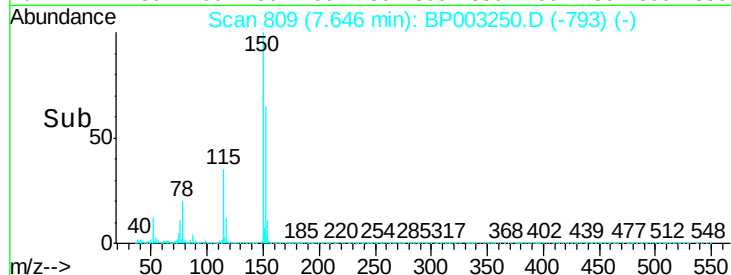
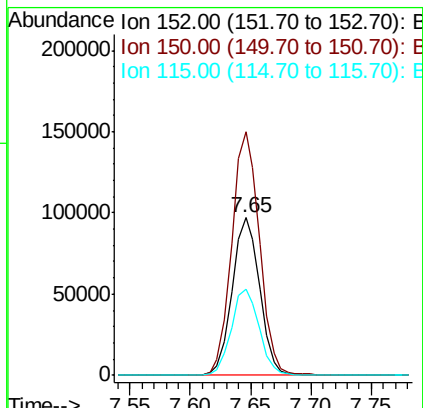
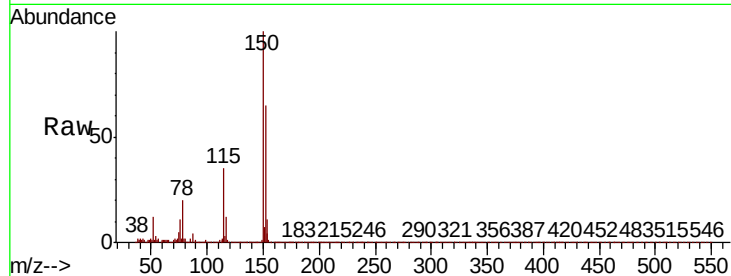


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 809
Delta R.T. -0.01 min
Lab File: BP003250.D
Acq: 10 Sep 2020 16:20

Instrument :
BNA_P
ClientSampleId :
RBR-200031

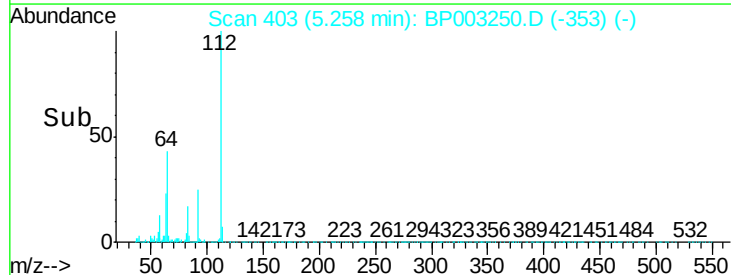
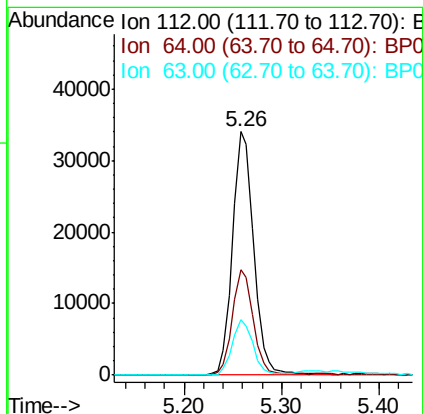
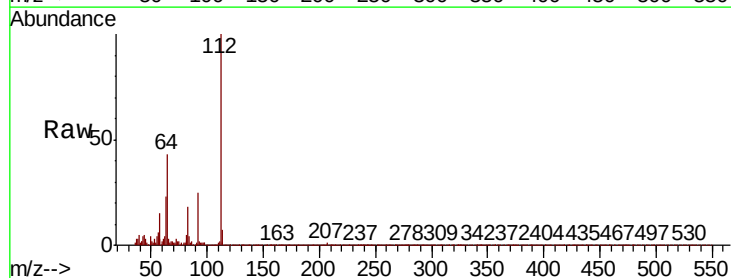
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.8	185.6
115	54.8	43.8	65.6

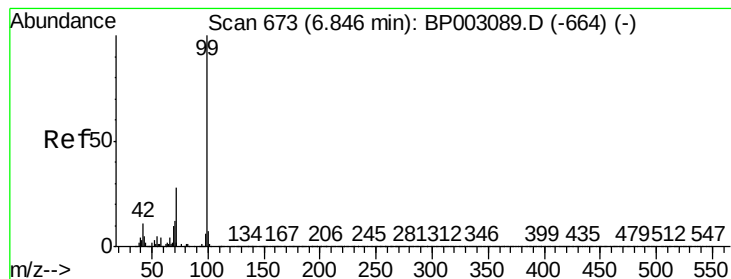


#5

2-Fluorophenol
Concen: 5.886 ng
RT: 5.26 min Scan# 403
Delta R.T. -0.01 min
Lab File: BP003250.D
Acq: 10 Sep 2020 16:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.2	32.8	49.2
63	22.7	17.0	25.4





#7

Phenol-d6

Concen: 3.384 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003250.D

Acq: 10 Sep 2020 16:20

Instrument :

BNA_P

ClientSampleId :

RBR-200031

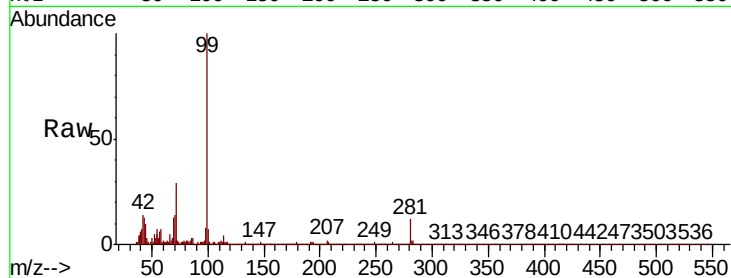
Tot Ion: 99 Resp: 37007

Ion Ratio Lower Upper

99 100

42 13.6 8.6 13.0#

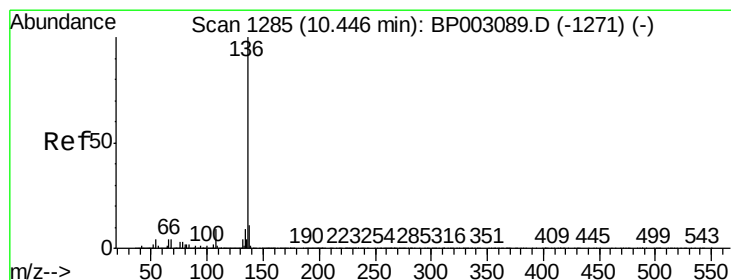
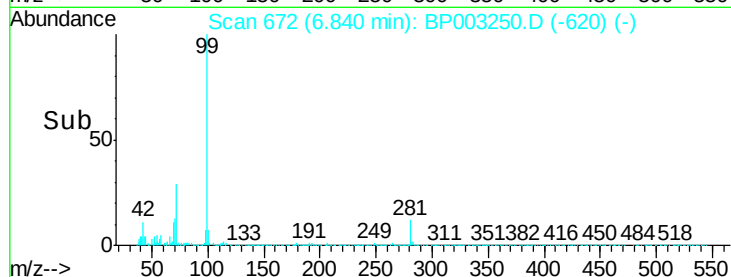
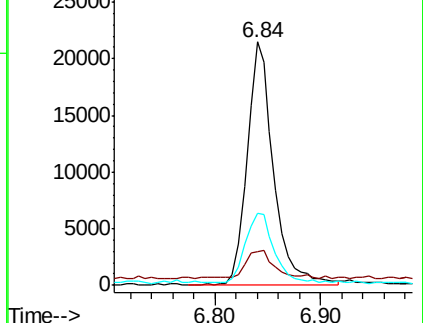
71 29.5 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BP003089.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BP003089.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BP003089.D (-664) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BP003250.D

Acq: 10 Sep 2020 16:20

Tgt Ion: 136 Resp: 584471

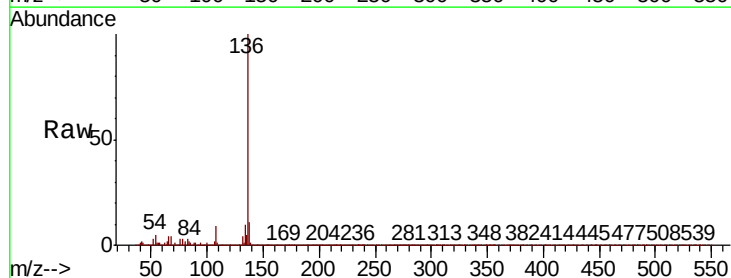
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 4.5 3.6 5.4

68 4.3 3.3 4.9

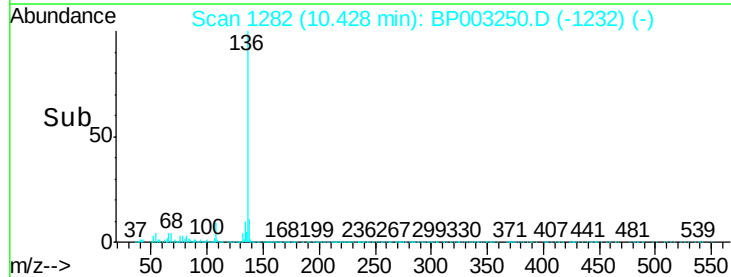
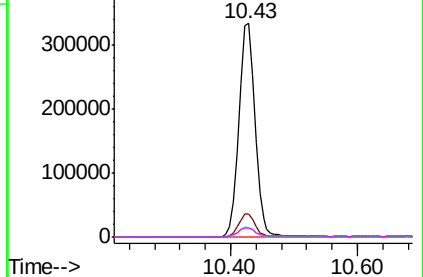


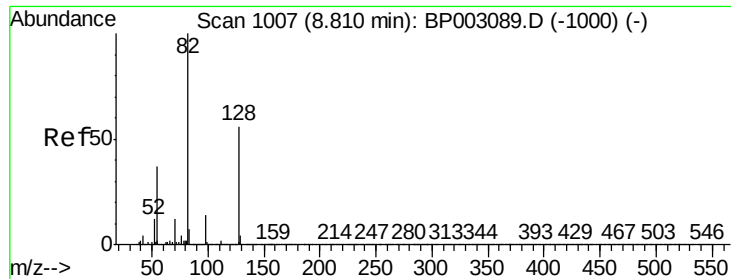
Abundance Ion 136.00 (135.70 to 136.70): BP003089.D (-1271) (-)

Ion 137.00 (136.70 to 137.70): BP003089.D (-1271) (-)

Ion 54.00 (53.70 to 54.70): BP003089.D (-1271) (-)

Ion 68.00 (67.70 to 68.70): BP003089.D (-1271) (-)

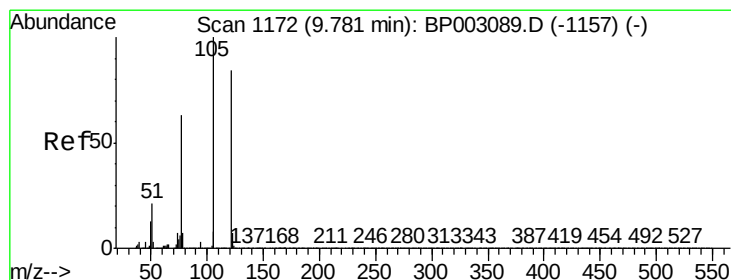
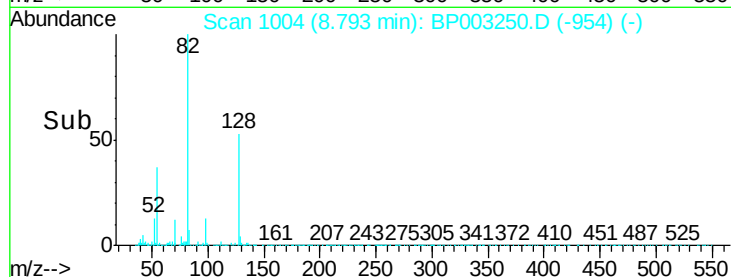
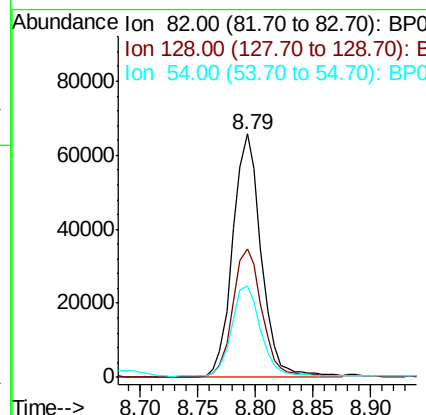
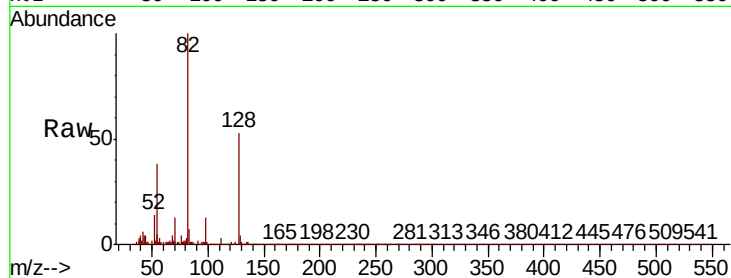




#23
Nitrobenzene-d5
Concen: 13.842 ng
RT: 8.79 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BP003250.D
Acq: 10 Sep 2020 16:20

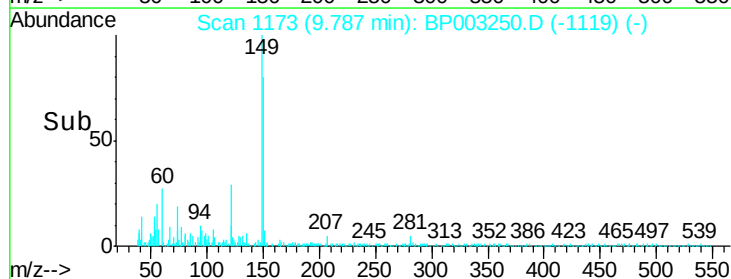
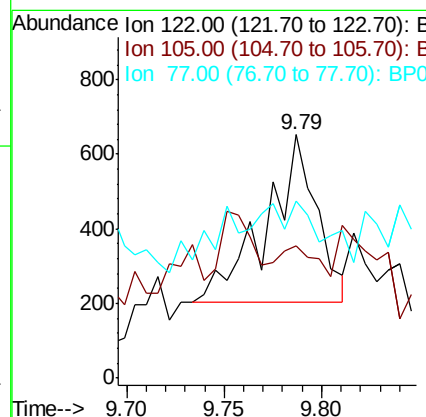
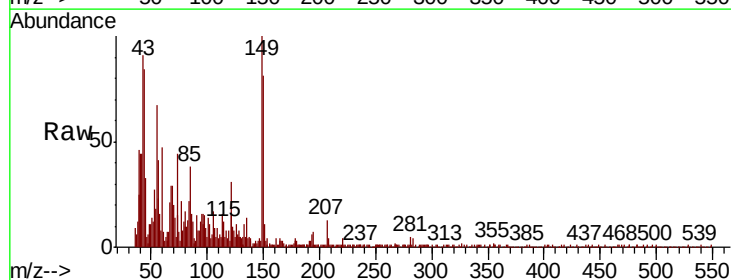
Instrument :
BNA_P
ClientSampleId :
RBR-200031

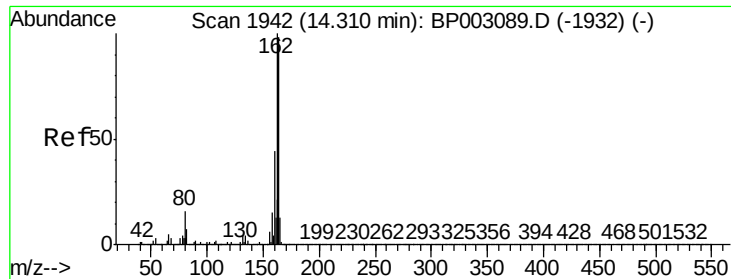
Tot Ion: 82 Resp: 112226
Ion Ratio Lower Upper
82 100
128 52.9 45.6 68.4
54 37.7 30.1 45.1



#32
Benzoic acid
Concen: 9.117 ng
RT: 9.79 min Scan# 1173
Delta R.T. 0.02 min
Lab File: BP003250.D
Acq: 10 Sep 2020 16:20

Tgt Ion: 122 Resp: 814
Ion Ratio Lower Upper
122 100
105 54.4 94.1 134.1#
77 72.6 50.1 90.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BP003250.D

Acq: 10 Sep 2020 16:20

Instrument :

BNA_P

ClientSampleId :

RBR-200031

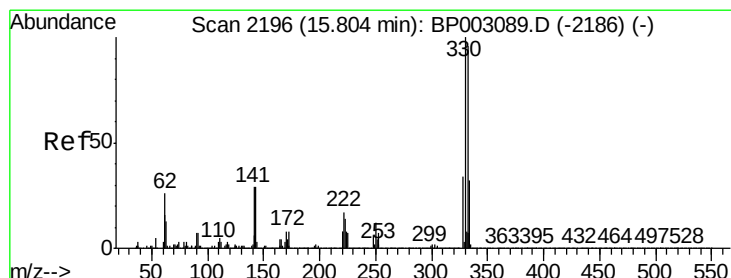
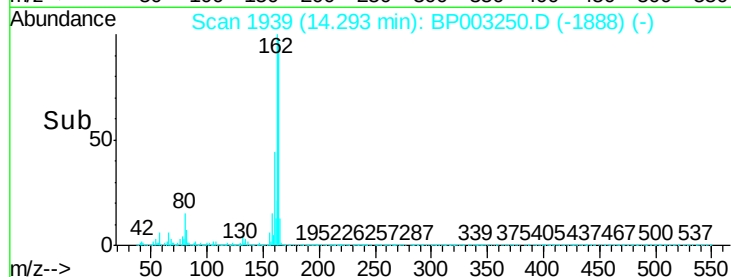
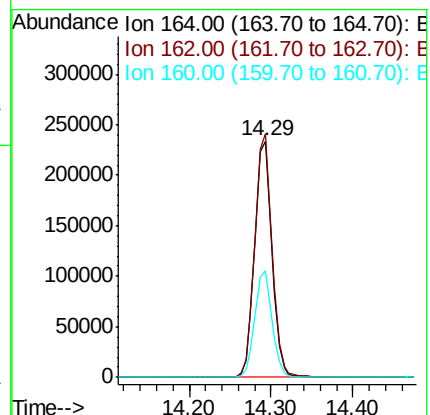
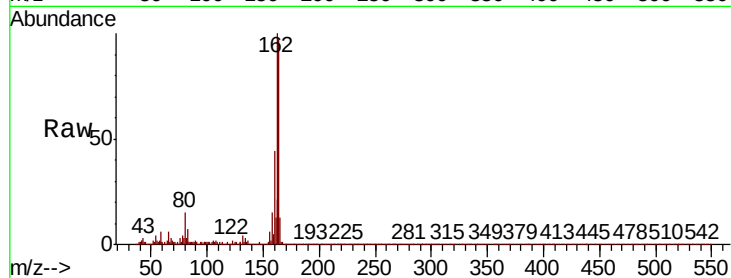
Tot Ion:164 Resp: 346647

Ion Ratio Lower Upper

164 100

162 103.0 79.4 119.2

160 45.1 36.1 54.1



#42

2,4,6-Tribromophenol

Concen: 12.833 ng

RT: 15.79 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BP003250.D

Acq: 10 Sep 2020 16:20

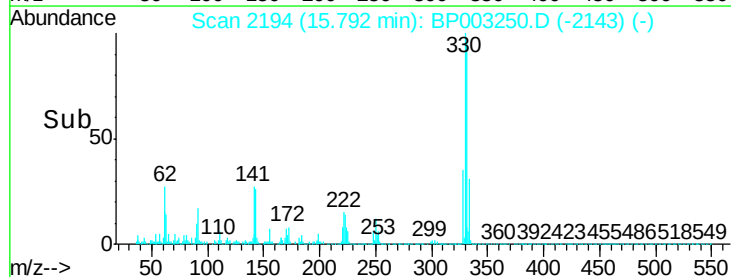
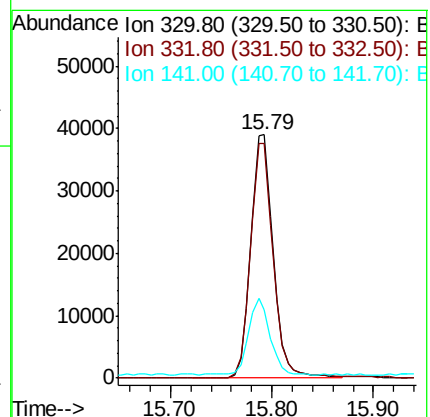
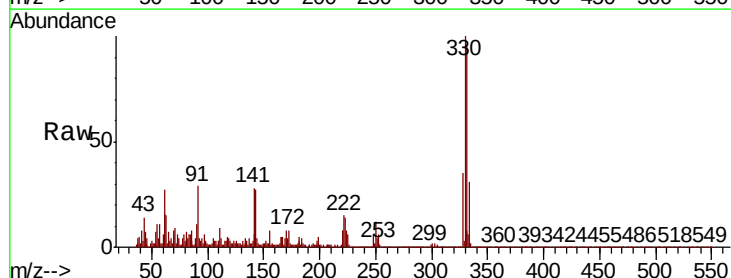
Tgt Ion:330 Resp: 60163

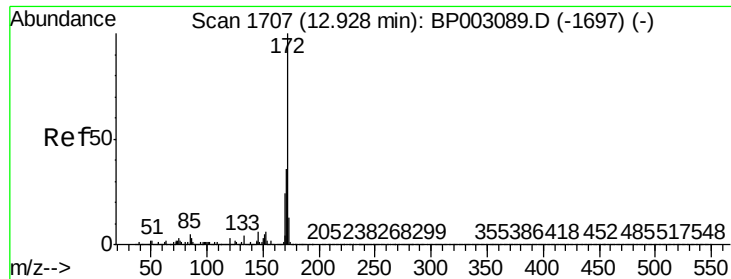
Ion Ratio Lower Upper

330 100

332 98.0 77.1 115.7

141 30.2 23.4 35.2

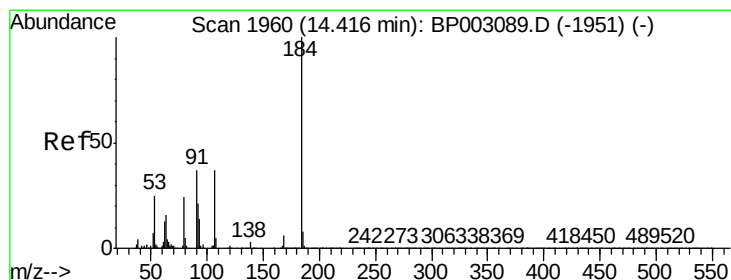
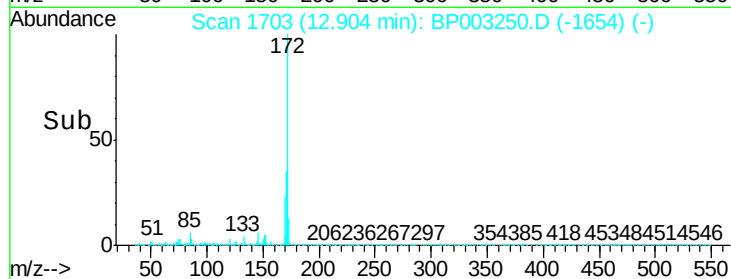
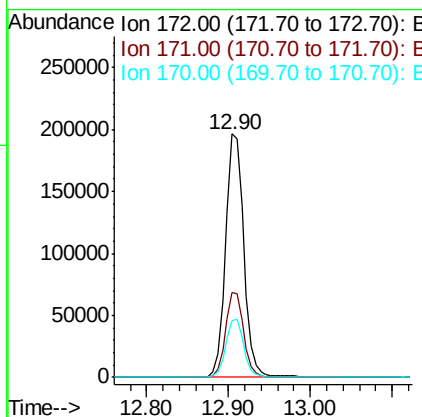
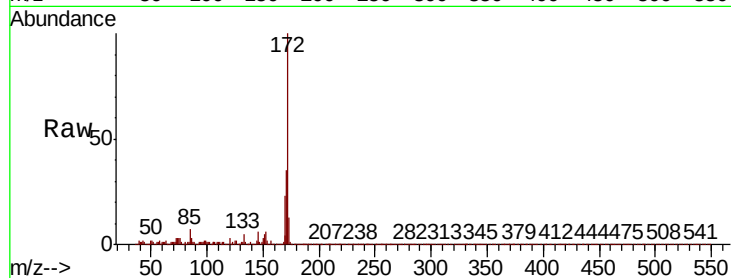




#45
2-Fluorobiphenyl
Concen: 12.853 ng
RT: 12.90 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BP003250.D
Acq: 10 Sep 2020 16:20

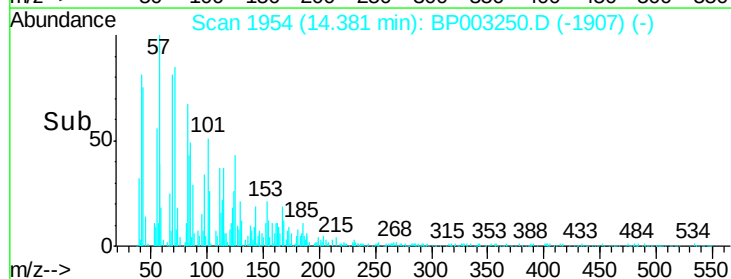
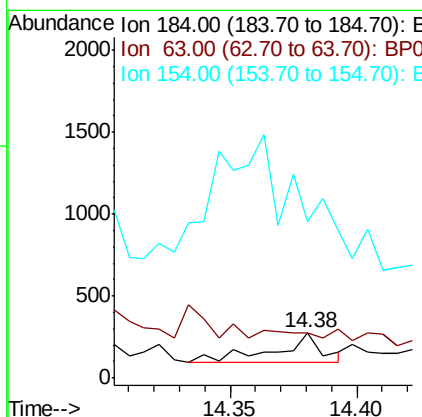
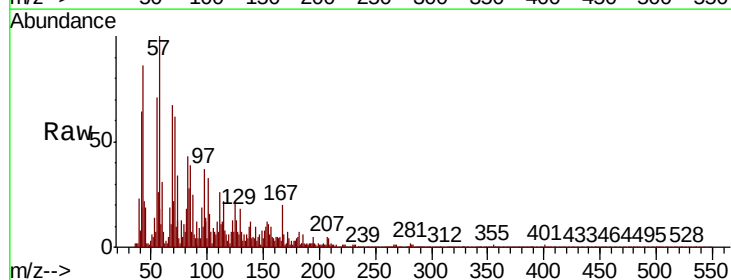
Instrument :
BNA_P
ClientSampled :
RBR-200031

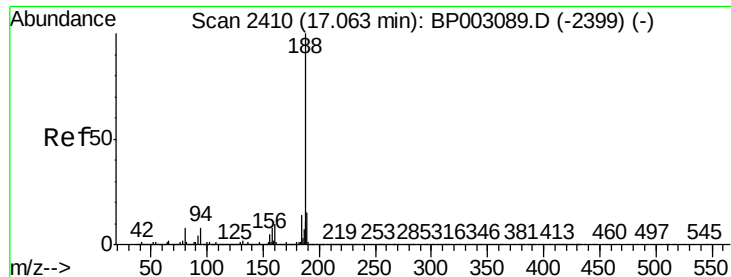
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	23.3	19.2	28.8



#54
2,4-Dinitrophenol
Concen: 7.825 ng
RT: 14.38 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BP003250.D
Acq: 10 Sep 2020 16:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	99.3	32.3	48.5#
154	340.9	49.1	73.7#

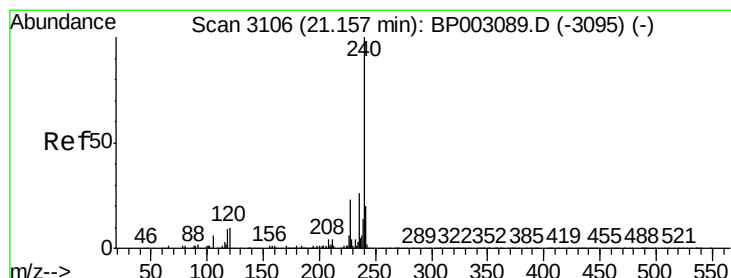
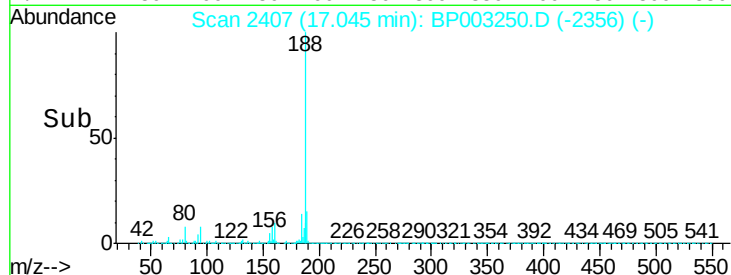
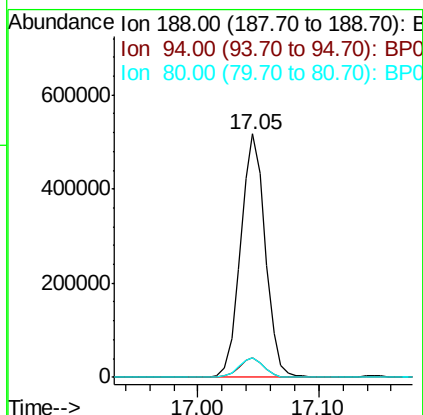
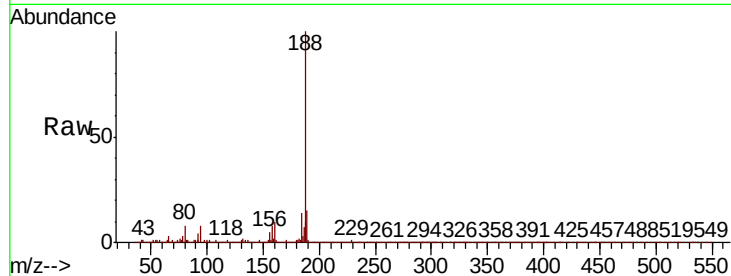




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BP003250.D
Acq: 10 Sep 2020 16:20

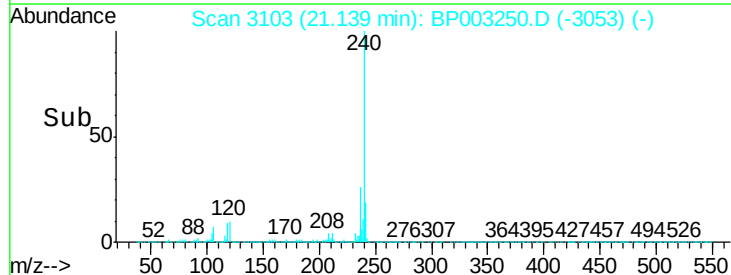
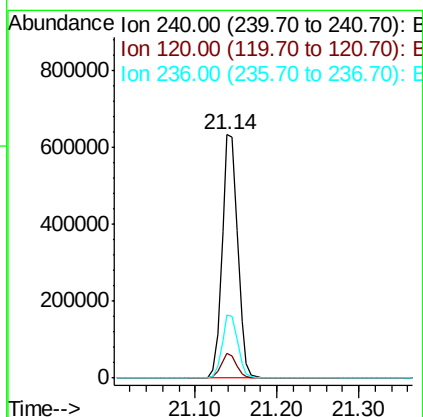
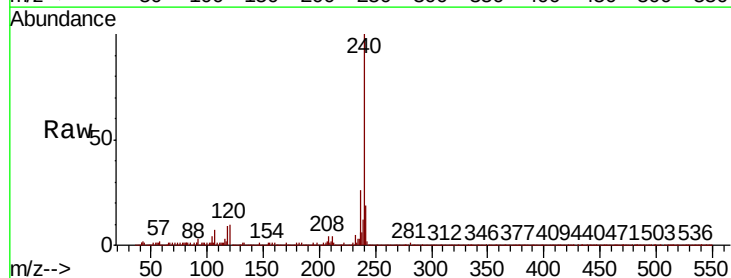
Instrument :
BNA_P
ClientSampleId :
RBR-200031

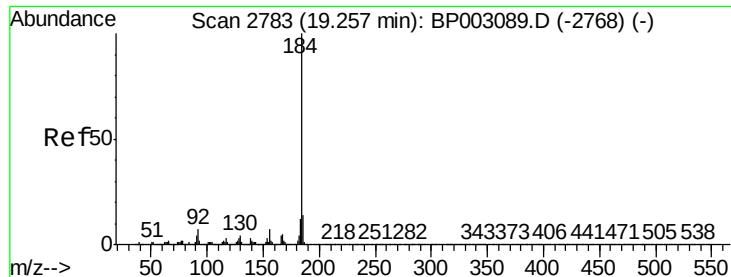
Tot Ion:188 Resp: 736106
Ion Ratio Lower Upper
188 100
94 7.8 6.2 9.2
80 7.8 6.2 9.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BP003250.D
Acq: 10 Sep 2020 16:20

Tgt Ion:240 Resp: 838727
Ion Ratio Lower Upper
240 100
120 10.4 7.8 11.6
236 25.8 20.8 31.2





#77

Benzidine

Concen: 4.627 ng

RT: 19.00 min Scan# 2740

Delta R.T. -0.25 min

Lab File: BP003250.D

Acq: 10 Sep 2020 16:20

Instrument :

BNA_P

ClientSampleId :

RBR-200031

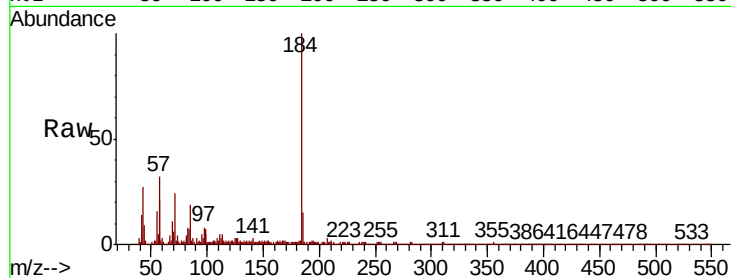
Tot Ion:184 Resp: 88695

Ion Ratio Lower Upper

184 100

185 15.0 11.5 17.3

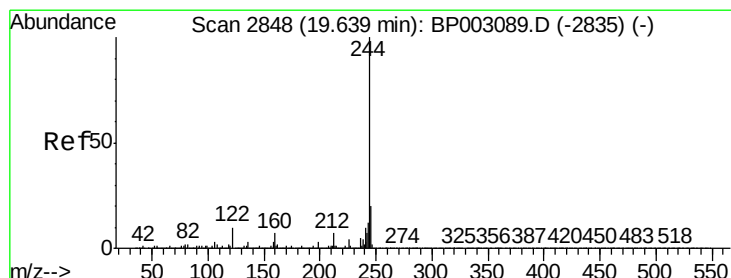
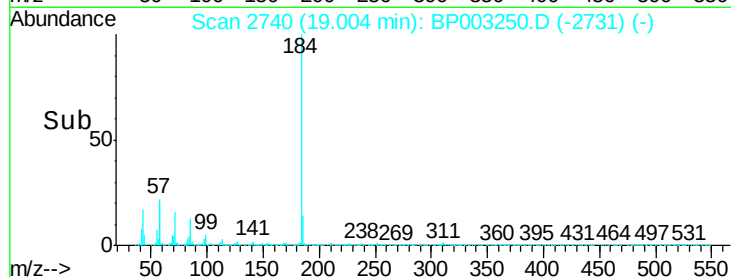
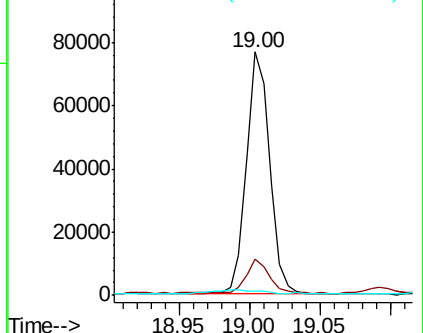
183 1.9 9.6 14.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 13.279 ng

RT: 19.62 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BP003250.D

Acq: 10 Sep 2020 16:20

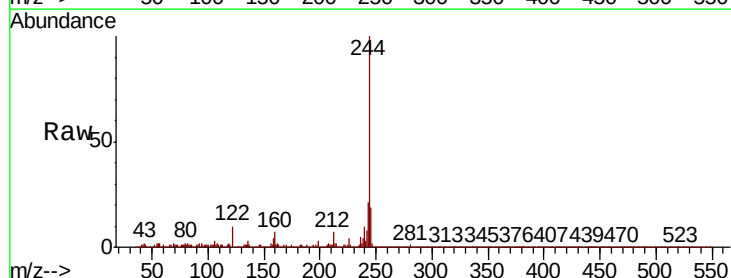
Tgt Ion:244 Resp: 506156

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

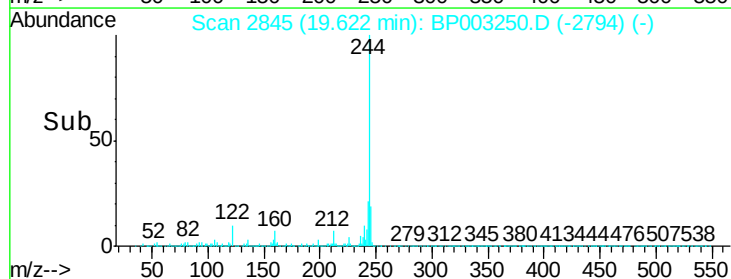
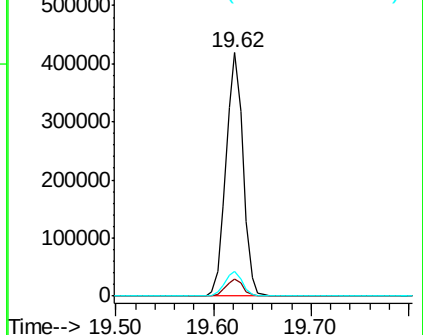
122 9.9 7.8 11.8

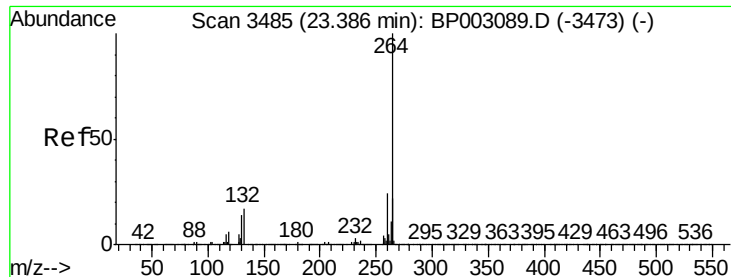


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3484
Delta R.T. 0.01 min
Lab File: BP003250.D
Acq: 10 Sep 2020 16:20

Instrument :
BNA_P
ClientSampleId :
RBR-200031

Tot Ion:	264	Resp:	929852
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	21.7	17.4	26.2

