

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091020\
 Data File : BP003249.D
 Acq On : 10 Sep 2020 15:40
 Operator : CG/JU
 Sample : PB131525BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131525BL

Quant Time: Sep 10 17:00:09 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

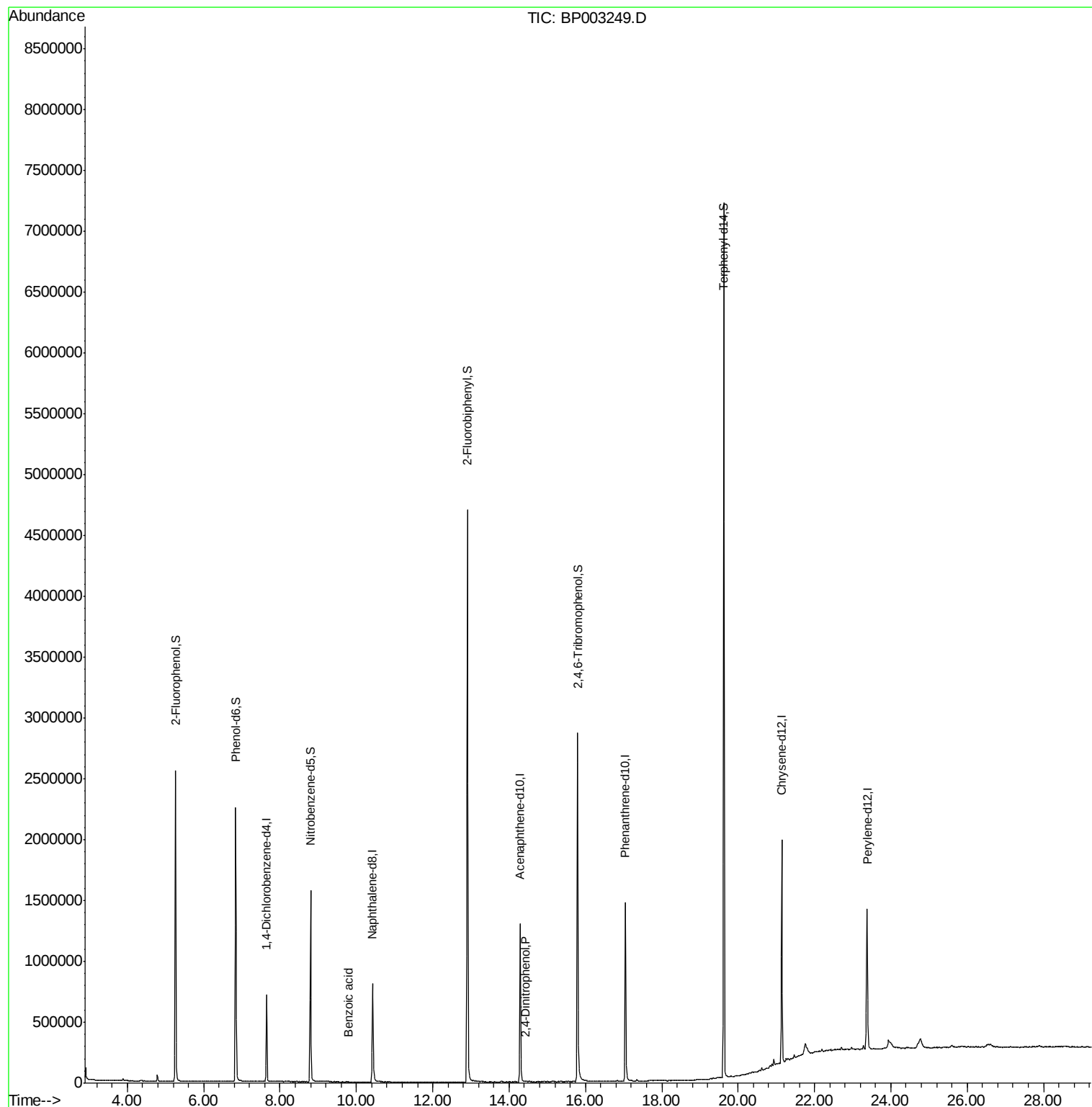
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	216125	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	838320	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	502761	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	1031642	20.00	ng	0.00
76) Chrysene-d12	21.14	240	934149	20.00	ng	0.00
86) Perylene-d12	23.38	264	896492	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1354987	110.85	ng	0.00
7) Phenol-d6	6.84	99	1583973	103.37	ng	0.00
23) Nitrobenzene-d5	8.80	82	989756	85.11	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	751392	110.50	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	2737633	79.74	ng	0.00
79) Terphenyl-d14	19.62	244	3450541	81.28	ng	0.00
Target Compounds						
32) Benzoic acid	9.77	122	30	9.000	ng	# 1
54) 2,4-Dinitrophenol	14.42	184	42	7.764	ng	# 22

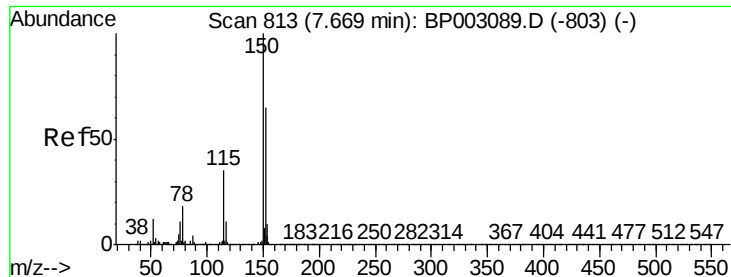
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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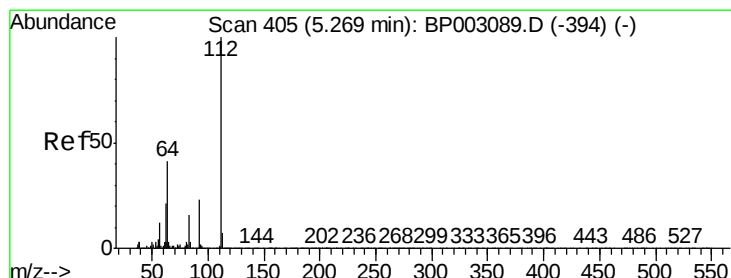
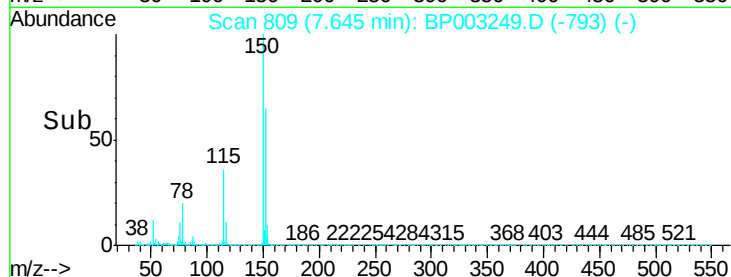
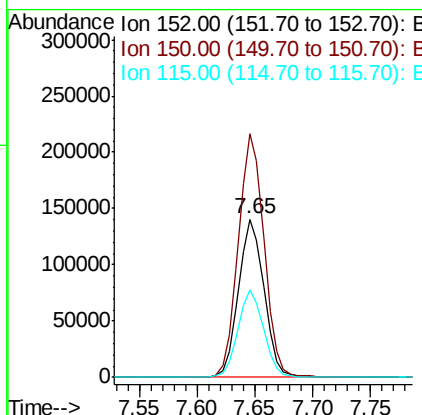
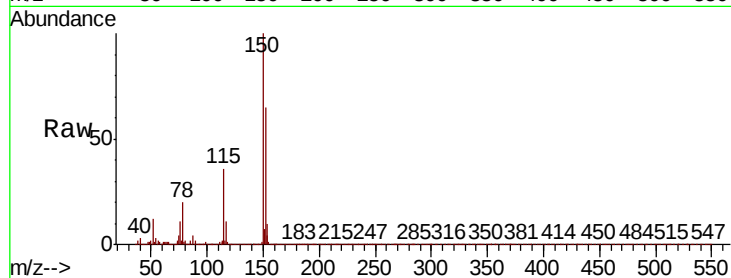


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.65 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BP003249.D
 Acq: 10 Sep 2020 15:40

Instrument :
 BNA_P
 ClientSampleId :
 PB131525BL

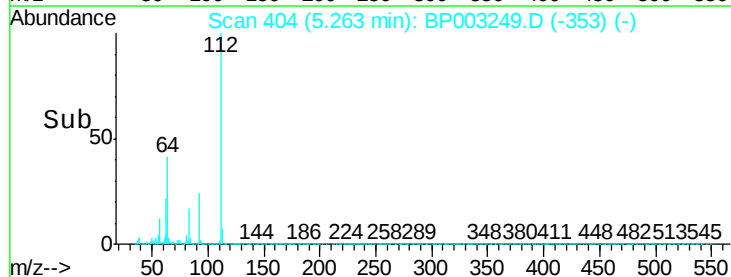
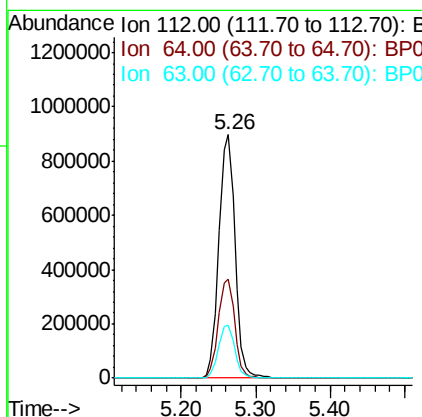
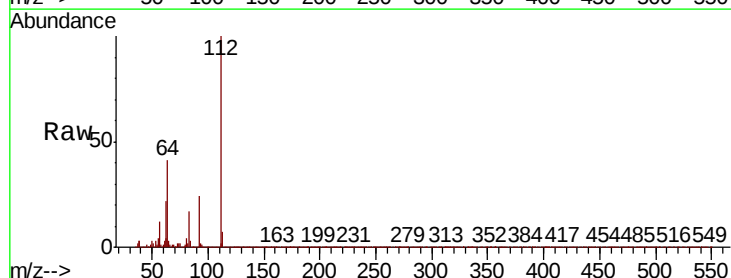
Tot Ion	152	Resp	216125
Ion	Ratio	Lower	Upper
152	100		
150	153.9	123.8	185.6
115	55.4	43.8	65.6

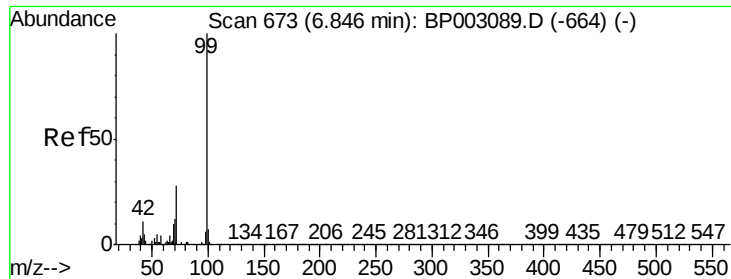


#5

2-Fluorophenol
 Concen: 110.846 ng
 RT: 5.26 min Scan# 404
 Delta R.T. -0.00 min
 Lab File: BP003249.D
 Acq: 10 Sep 2020 15:40

Tgt Ion	112	Resp	1354987
Ion	Ratio	Lower	Upper
112	100		
64	40.7	32.8	49.2
63	21.7	17.0	25.4





#7

Phenol-d6

Concen: 103.367 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003249.D

Acq: 10 Sep 2020 15:40

Instrument :

BNA_P

ClientSampleId :

PB131525BL

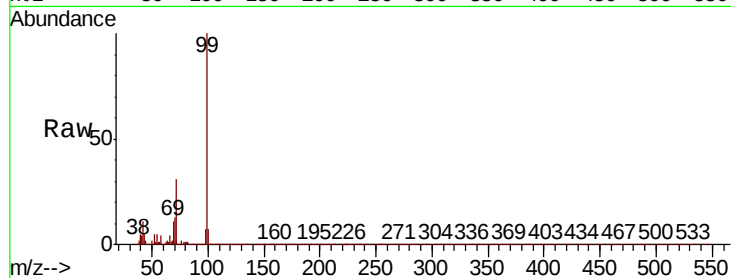
Tot Ion: 99 Resp: 1583973

Ion Ratio Lower Upper

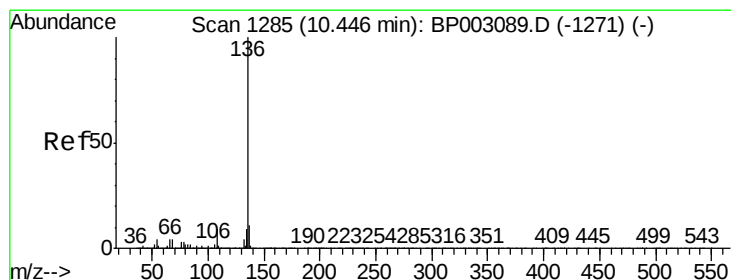
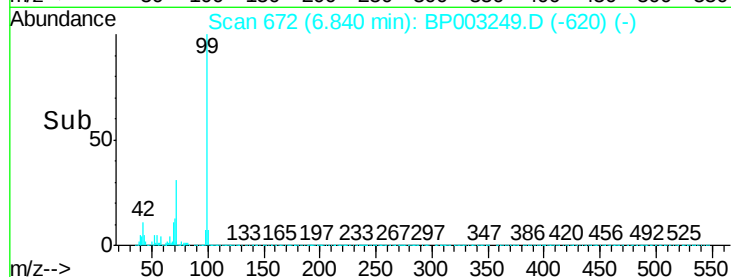
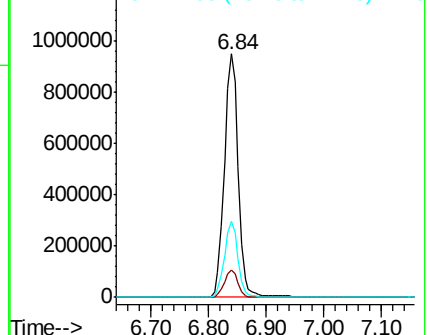
99 100

42 11.2 8.6 13.0

71 31.1 23.4 35.2



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: 10.43 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BP003249.D

Acq: 10 Sep 2020 15:40

Tgt Ion: 136 Resp: 838320

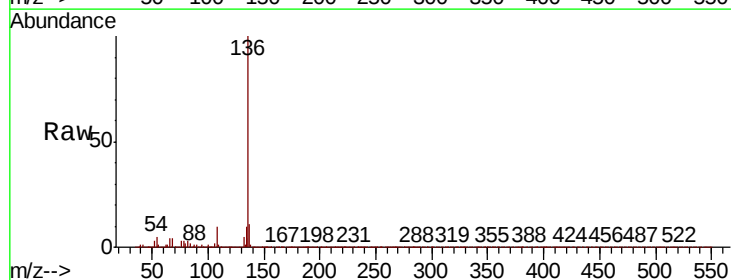
Ion Ratio Lower Upper

136 100

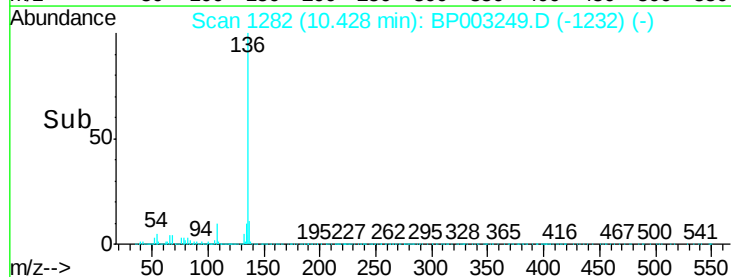
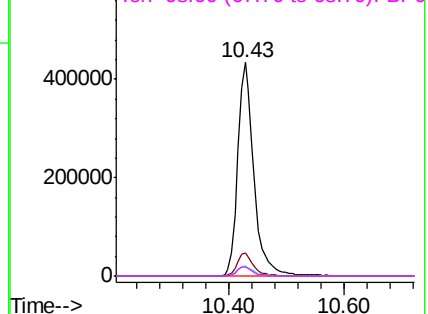
137 11.0 8.6 13.0

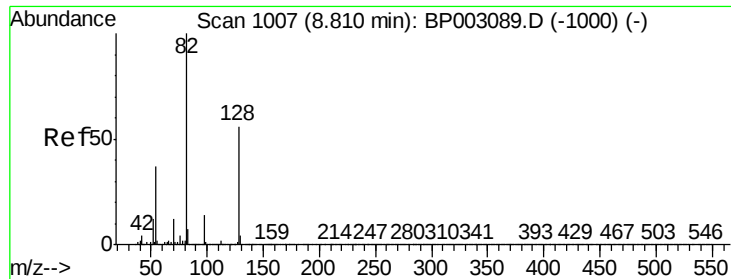
54 4.7 3.6 5.4

68 4.2 3.3 4.9



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

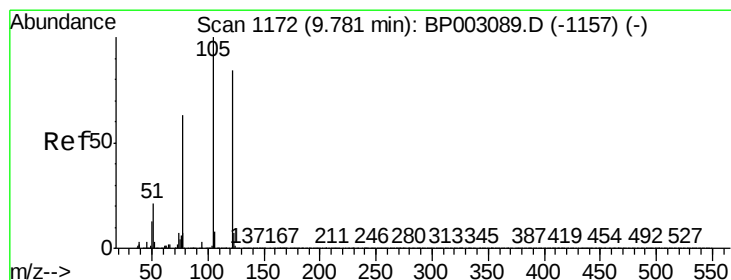
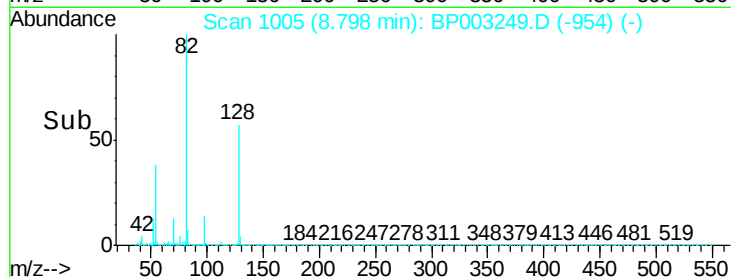
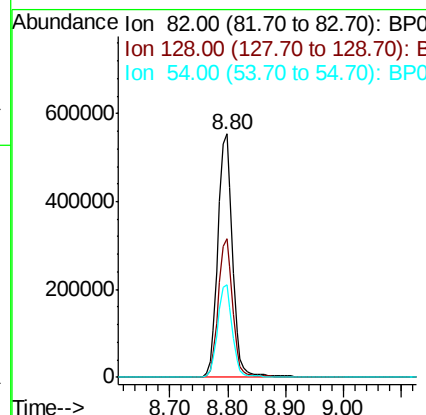
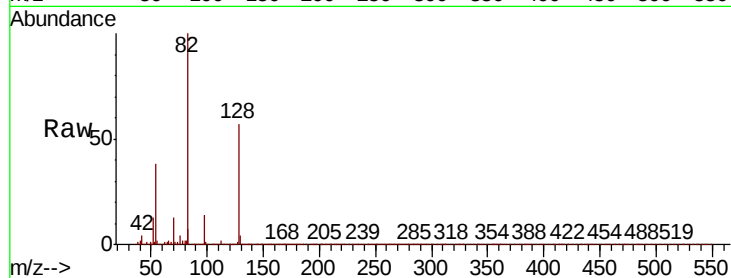




#23
Nitrobenzene-d5
Concen: 85.113 ng
RT: 8.80 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BP003249.D
Acq: 10 Sep 2020 15:40

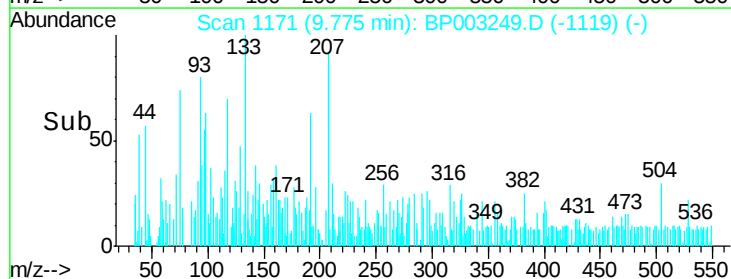
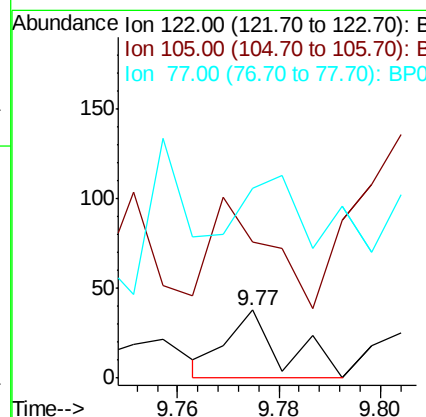
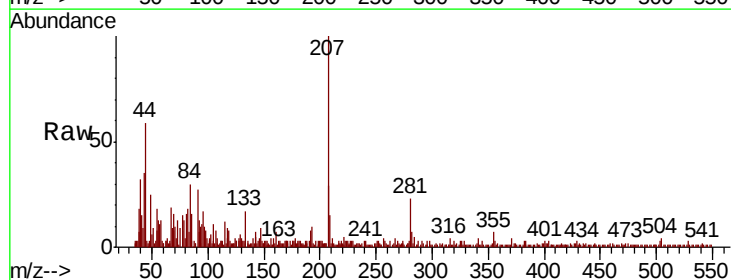
Instrument :
BNA_P
ClientSampleId :
PB131525BL

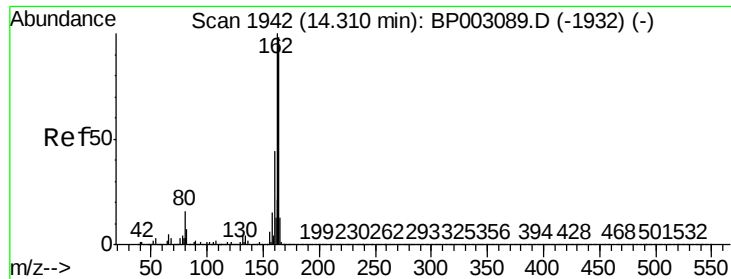
Tot Ion	82	Resp	989756
Ion Ratio	Lower	Upper	
82	100		
128	56.9	45.6	68.4
54	38.0	30.1	45.1



#32
Benzoic acid
Concen: 9.000 ng
RT: 9.77 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BP003249.D
Acq: 10 Sep 2020 15:40

Tgt Ion	122	Resp	30
Ion Ratio	Lower	Upper	
122	100		
105	200.0	94.1	134.1#
77	278.9	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: BP003249.D

Acq: 10 Sep 2020 15:40

Instrument :

BNA_P

ClientSampleId :

PB131525BL

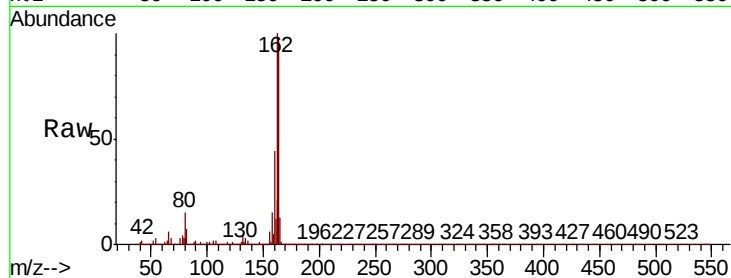
Tot Ion:164 Resp: 502761

Ion Ratio Lower Upper

164 100

162 101.5 79.4 119.2

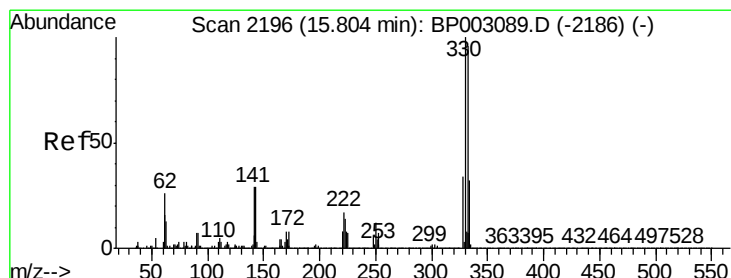
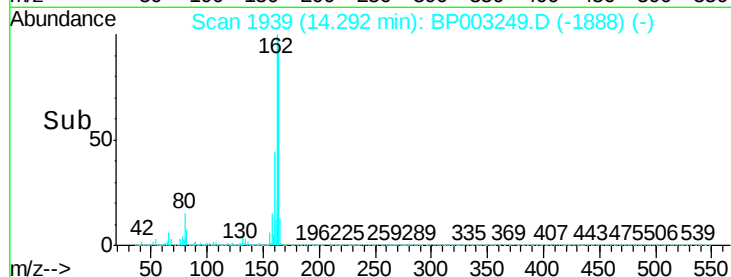
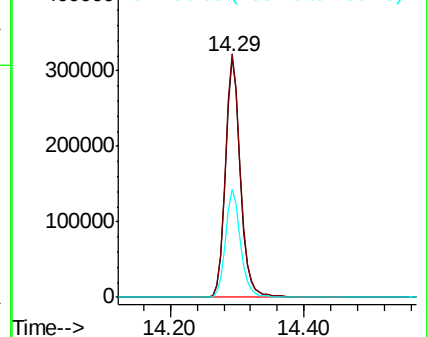
160 45.1 36.1 54.1



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: 110.503 ng

RT: 15.79 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BP003249.D

Acq: 10 Sep 2020 15:40

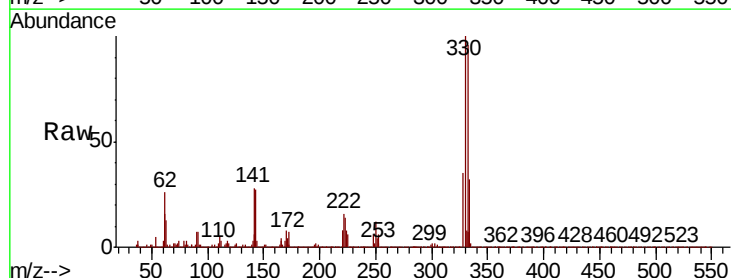
Tgt Ion:330 Resp: 751392

Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

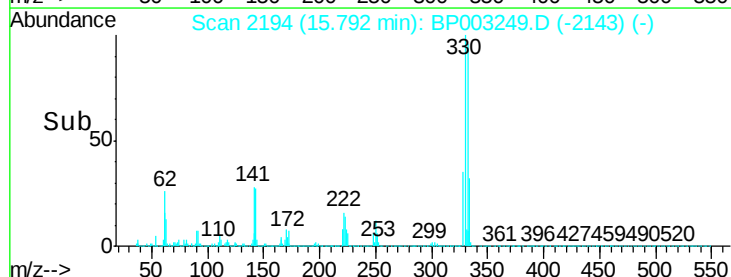
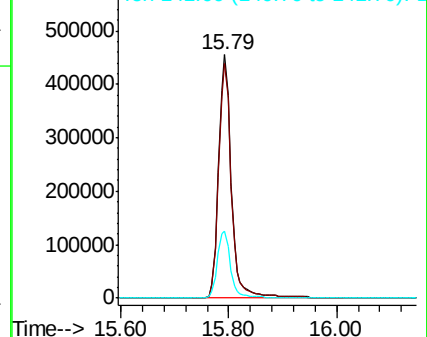
141 29.0 23.4 35.2

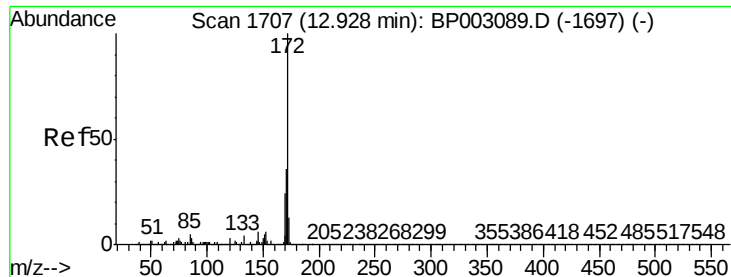


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

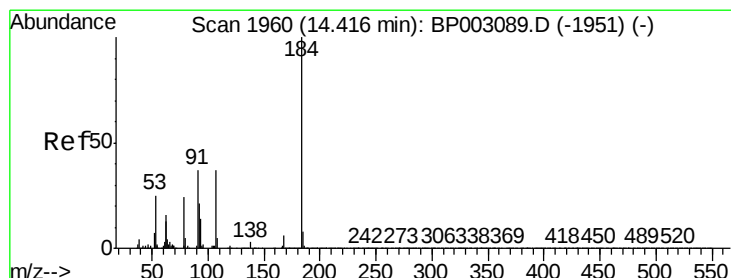
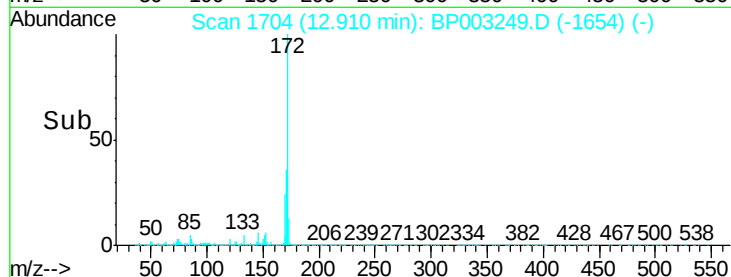
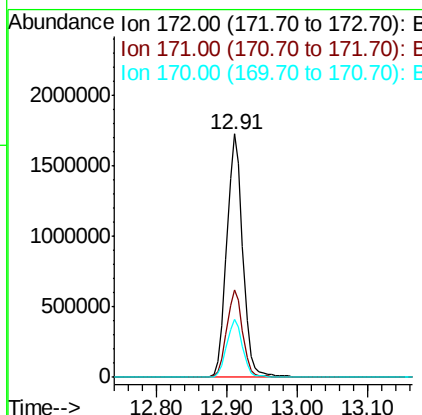
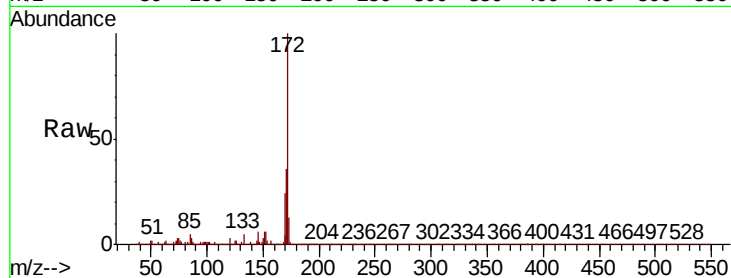




#45
2-Fluorobiphenyl
Concen: 79.742 ng
RT: 12.91 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BP003249.D
Acq: 10 Sep 2020 15:40

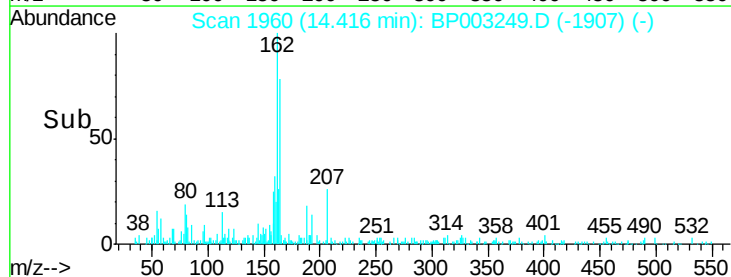
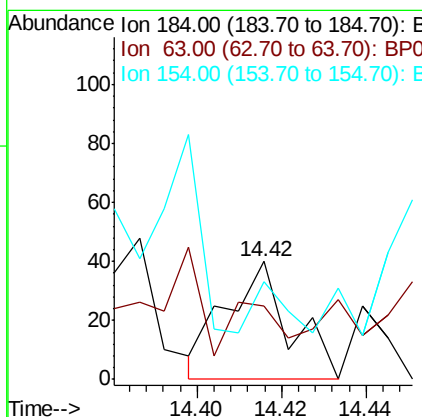
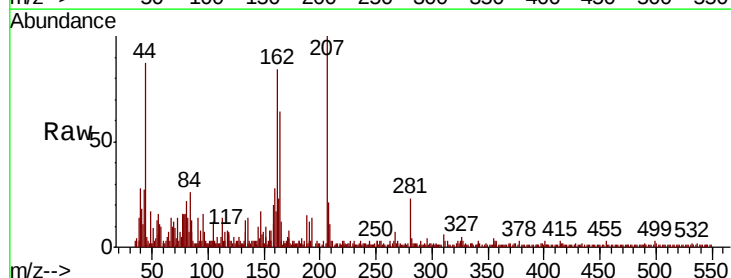
Instrument :
BNA_P
ClientSampleId :
PB131525BL

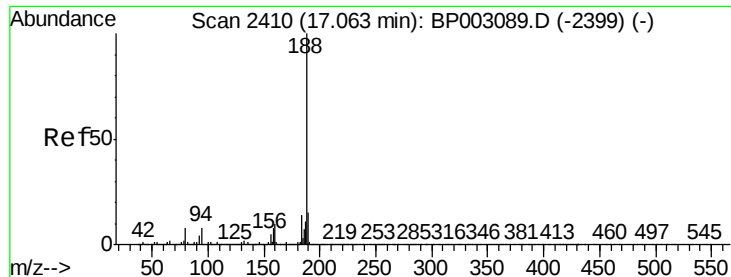
Tot Ion:172 Resp: 2737633
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 23.6 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 7.764 ng
RT: 14.42 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BP003249.D
Acq: 10 Sep 2020 15:40

Tgt Ion:184 Resp: 42
Ion Ratio Lower Upper
184 100
63 62.5 32.3 48.5#
154 142.5 49.1 73.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.04 min Scan# 2407

Delta R.T. -0.00 min

Lab File: BP003249.D

Acq: 10 Sep 2020 15:40

Instrument :

BNA_P

ClientSampleId :

PB131525BL

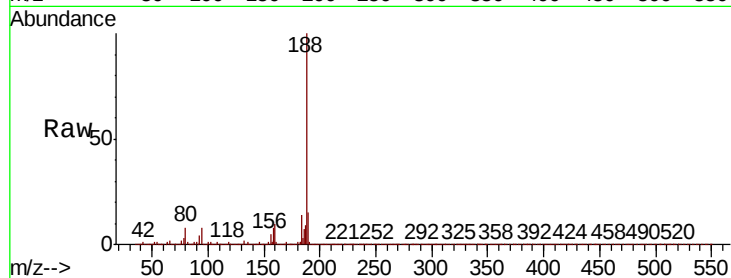
Tot Ion:188 Resp: 1031642

Ion Ratio Lower Upper

188 100

94 8.0 6.2 9.2

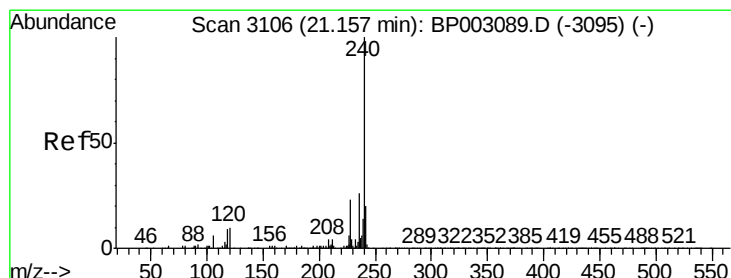
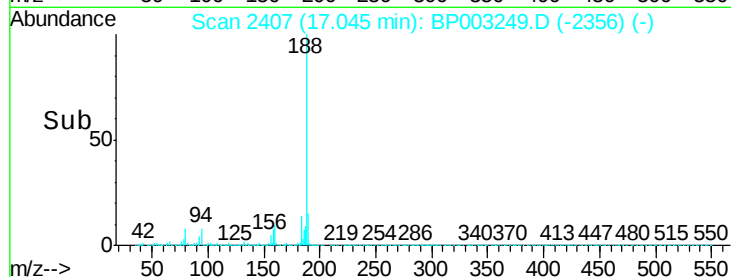
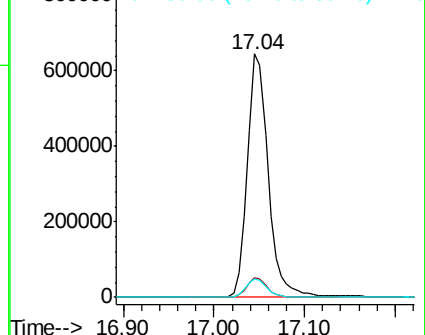
80 7.5 6.2 9.2



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: 21.14 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BP003249.D

Acq: 10 Sep 2020 15:40

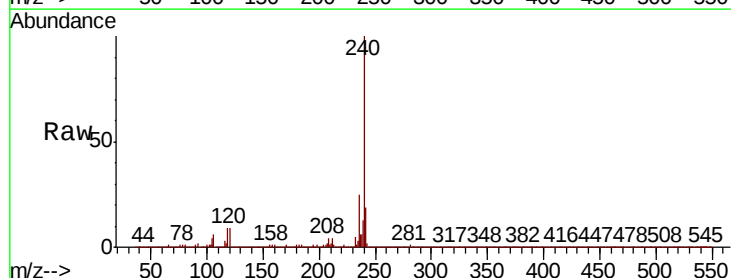
Tgt Ion:240 Resp: 934149

Ion Ratio Lower Upper

240 100

120 9.4 7.8 11.6

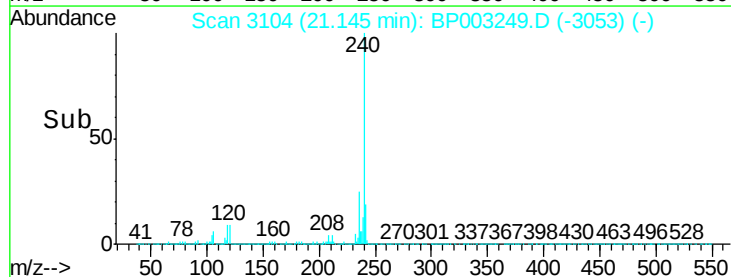
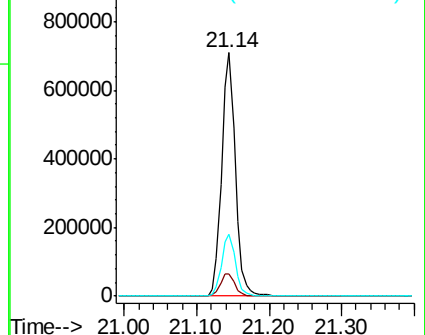
236 25.5 20.8 31.2

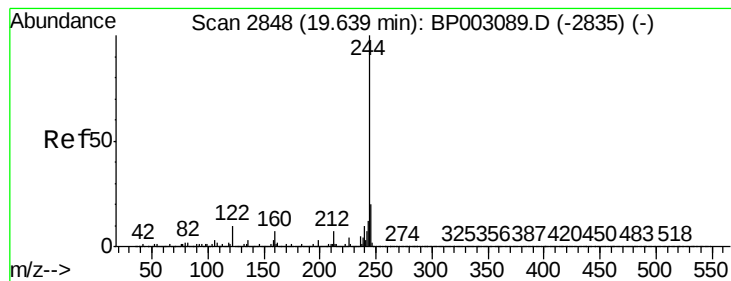


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.279 ng

RT: 19.62 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BP003249.D

Acq: 10 Sep 2020 15:40

Instrument :

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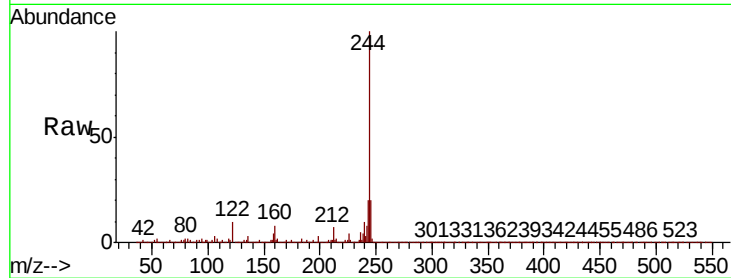
Tot Ion:244 Resp: 3450541

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

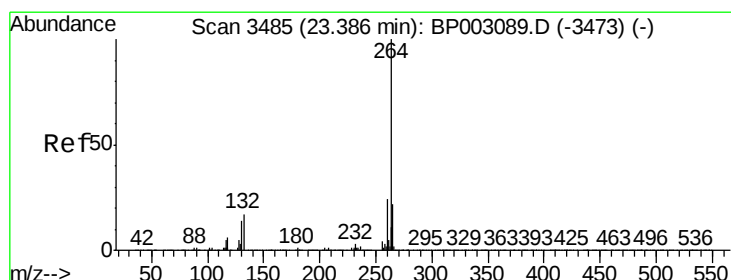
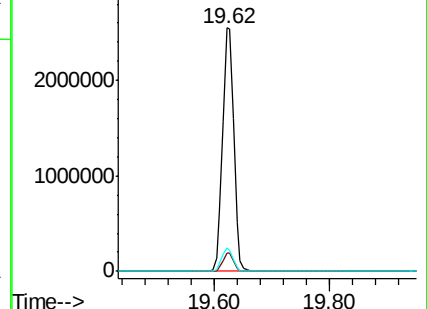
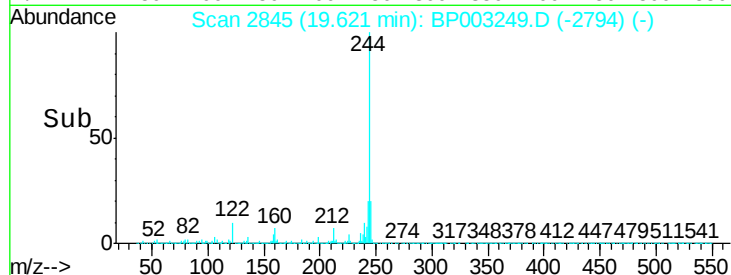
122 9.5 7.8 11.8



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

Perylene-d12

Concen: 20.000 ng

RT: 23.38 min Scan# 3484

Delta R.T. 0.01 min

Lab File: BP003249.D

Acq: 10 Sep 2020 15:40

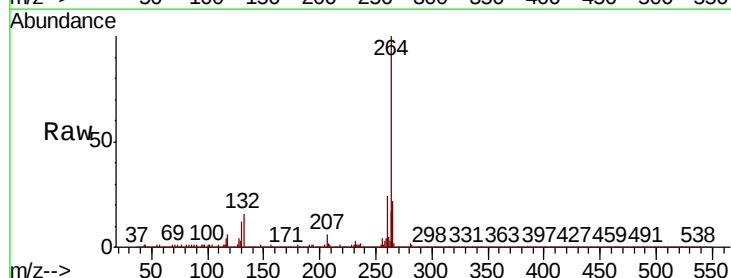
Tgt Ion:264 Resp: 896492

Ion Ratio Lower Upper

264 100

260 24.5 18.8 28.2

265 21.7 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

