

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
 Data File : BP003203.D
 Acq On : 04 Sep 2020 10:13
 Operator : CG/JU
 Sample : PB131395BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131395BL

Quant Time: Sep 04 12:58:18 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

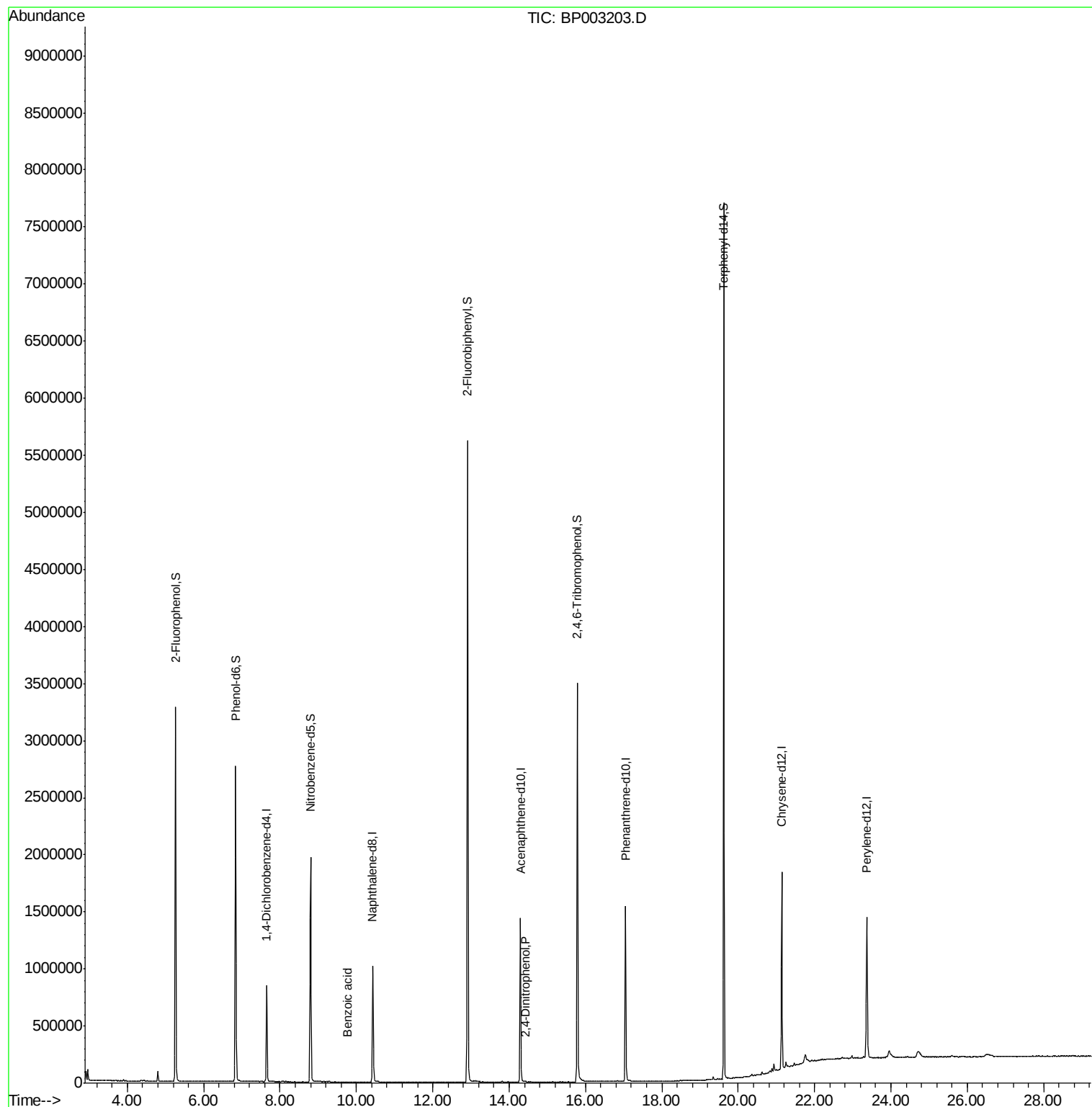
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	260992	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	974330	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	533806	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1011572	20.00	ng	0.00
76) Chrysene-d12	21.14	240	866801	20.00	ng	0.00
86) Perylene-d12	23.37	264	902994	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1700398	115.19	ng	0.00
7) Phenol-d6	6.84	99	1929357	104.26	ng	0.00
23) Nitrobenzene-d5	8.80	82	1179298	87.26	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	807100	111.79	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	3168837	86.93	ng	0.00
79) Terphenyl-d14	19.62	244	3356267	85.20	ng	0.00
Target Compounds						
32) Benzoic acid	9.76	122	53	9.002	ng	# 1
54) 2,4-Dinitrophenol	14.41	184	37	7.762	ng	# 1

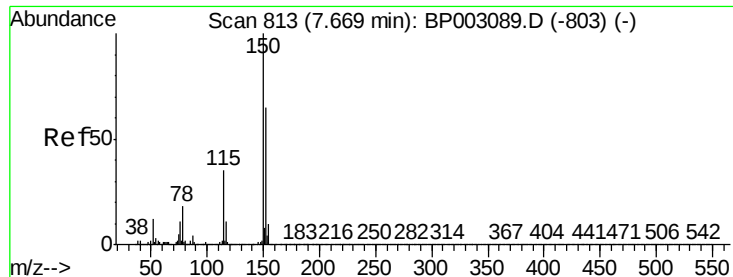
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.65 min Scan# 810

Delta R.T. -0.00 min

Lab File: BP003203.D

Acq: 04 Sep 2020 10:13

Instrument :

BNA_P

ClientSampleId :

PB131395BL

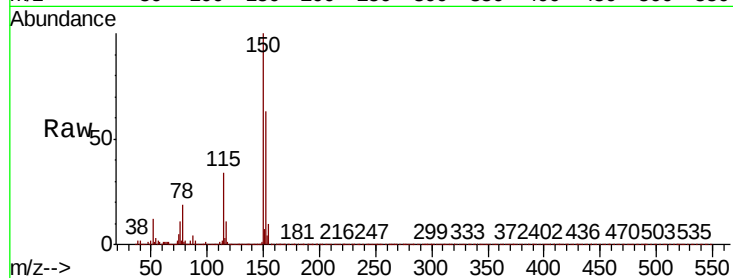
Tot Ion:152 Resp: 260992

Ion Ratio Lower Upper

152 100

150 157.6 123.8 185.6

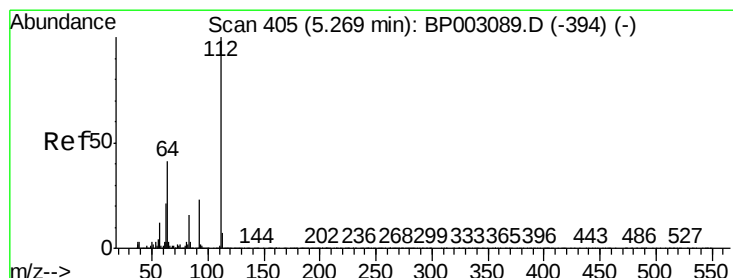
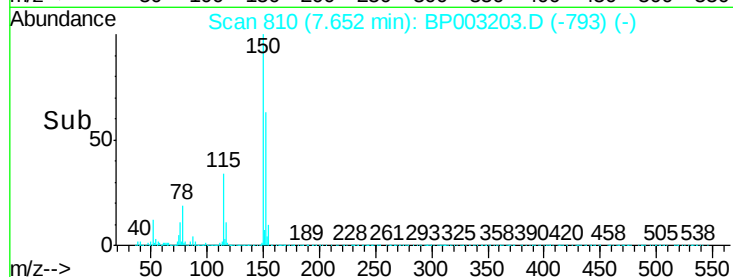
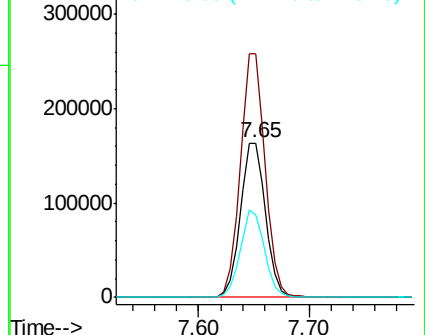
115 53.1 43.8 65.6



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: 115.189 ng

RT: 5.26 min Scan# 404

Delta R.T. -0.00 min

Lab File: BP003203.D

Acq: 04 Sep 2020 10:13

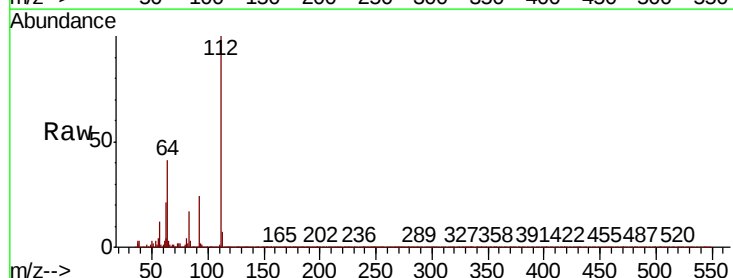
Tgt Ion:112 Resp: 1700398

Ion Ratio Lower Upper

112 100

64 40.8 32.8 49.2

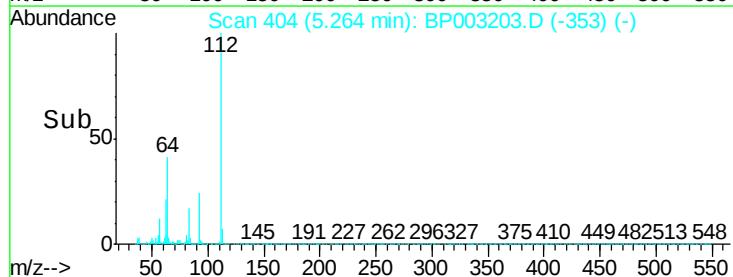
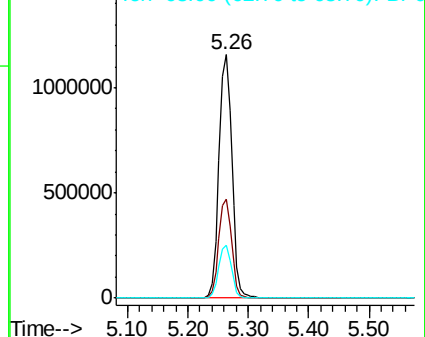
63 21.5 17.0 25.4

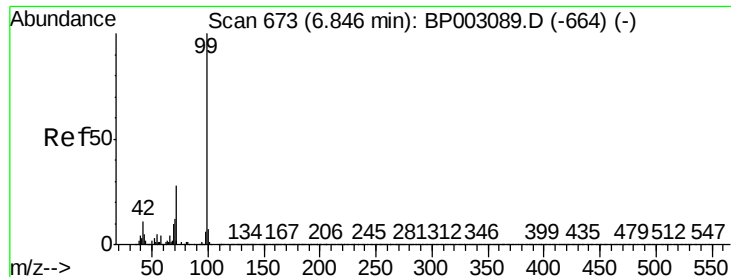


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 104.262 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003203.D

Acq: 04 Sep 2020 10:13

Instrument :

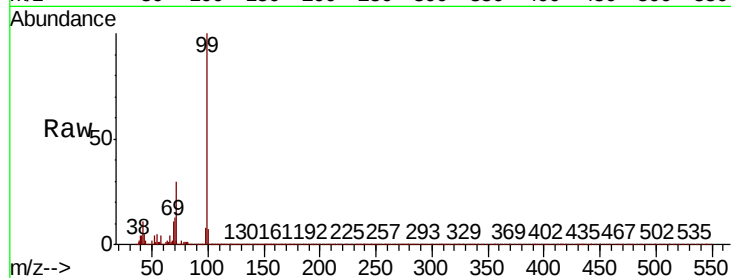
BNA_P

ClientSampleId :

PB131395BL

Tot Ion: 99 Resp: 1929357

Ion	Ratio	Lower	Upper
99	100		
42	10.9	8.6	13.0
71	30.3	23.4	35.2

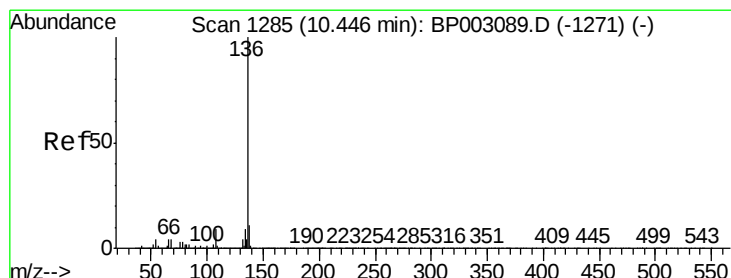
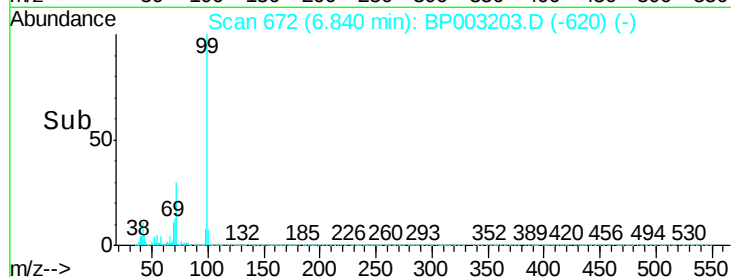
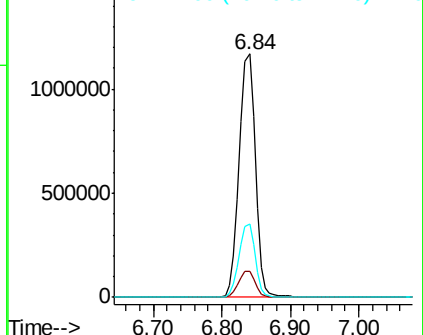


Abundance

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

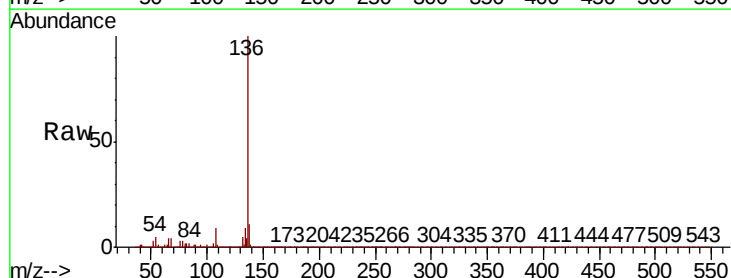
Delta R.T. -0.01 min

Lab File: BP003203.D

Acq: 04 Sep 2020 10:13

Tgt Ion: 136 Resp: 974330

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	4.6	3.6	5.4
68	4.2	3.3	4.9



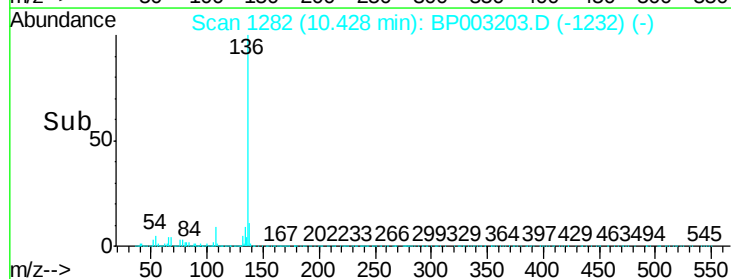
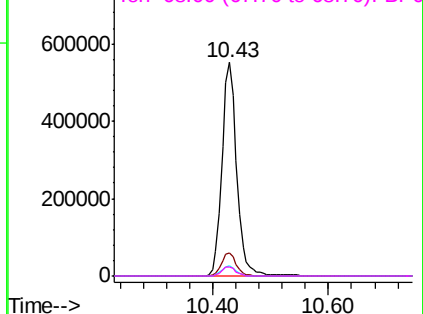
Abundance

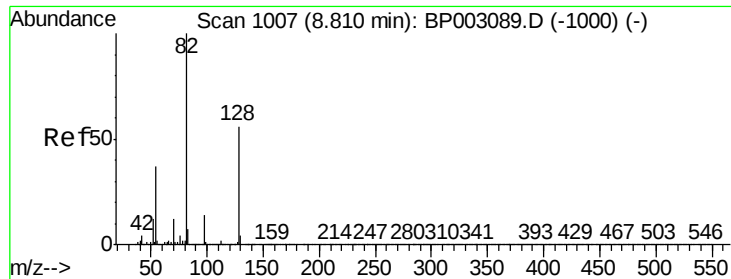
Ion 136.00 (135.70 to 136.70): E

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

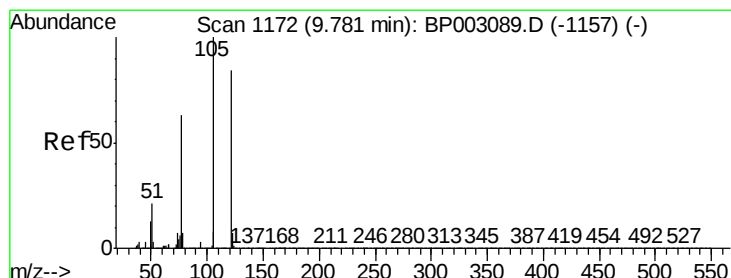
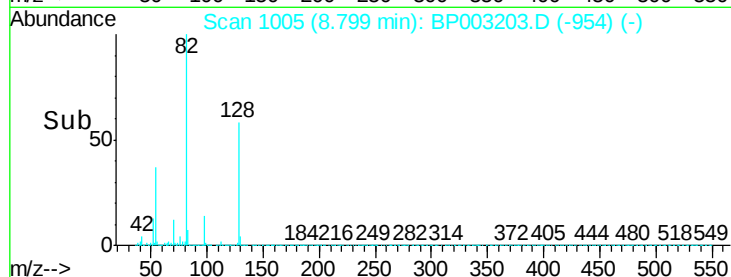
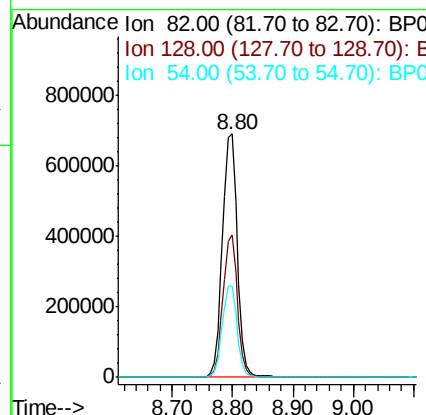
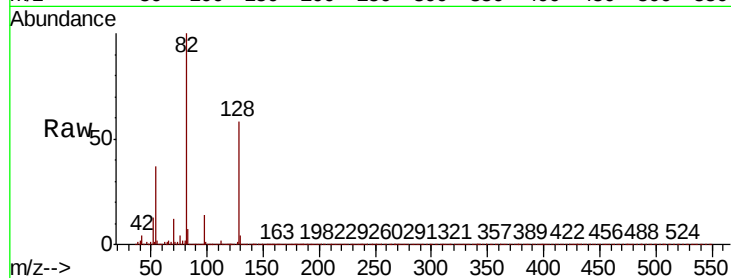




#23
 Nitrobenzene-d5
 Concen: 87.256 ng
 RT: 8.80 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BP003203.D
 Acq: 04 Sep 2020 10:13

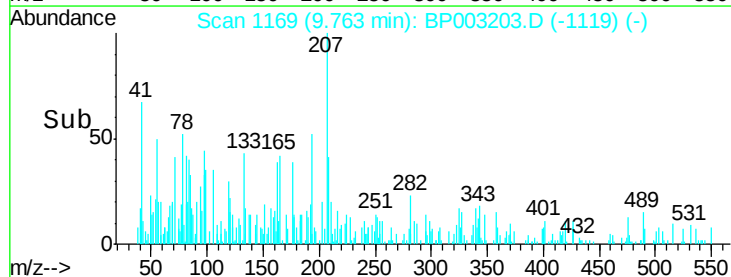
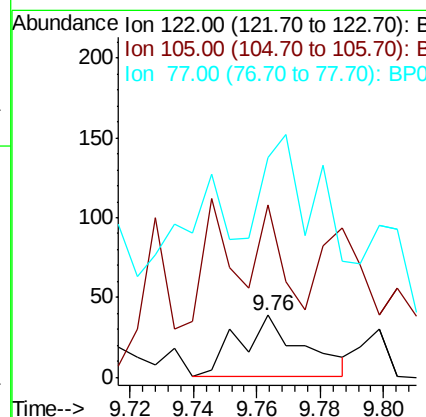
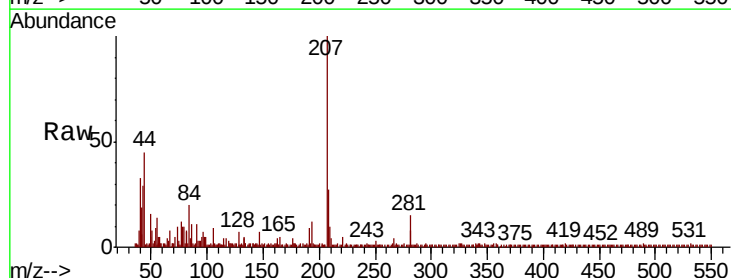
Instrument :
 BNA_P
 ClientSampleId :
 PB131395BL

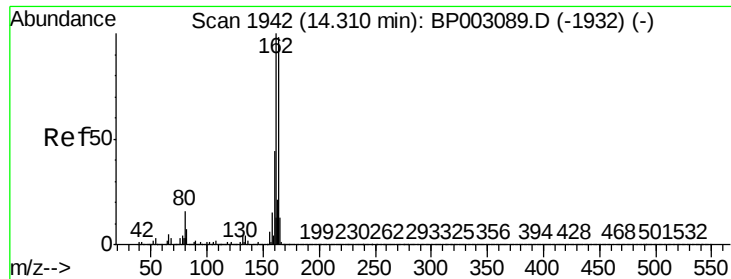
Tot Ion: 82 Resp: 1179298
 Ion Ratio Lower Upper
 82 100
 128 58.5 45.6 68.4
 54 37.5 30.1 45.1



#32
 Benzoic acid
 Concen: 9.002 ng
 RT: 9.76 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BP003203.D
 Acq: 04 Sep 2020 10:13

Tgt Ion: 122 Resp: 53
 Ion Ratio Lower Upper
 122 100
 105 276.9 94.1 134.1#
 77 353.8 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: BP003203.D

Acq: 04 Sep 2020 10:13

Instrument :

BNA_P

ClientSampleId :

PB131395BL

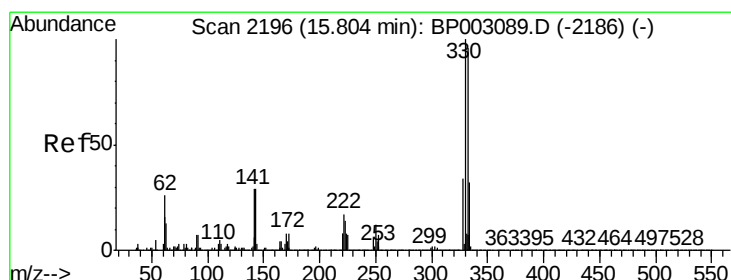
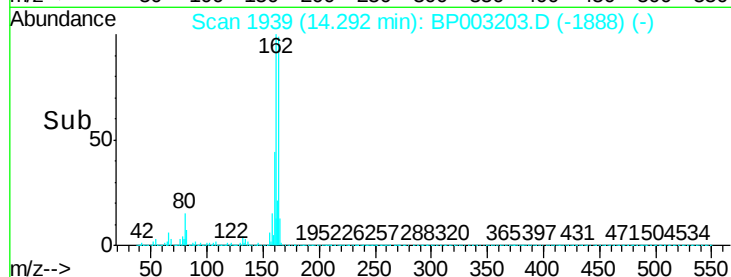
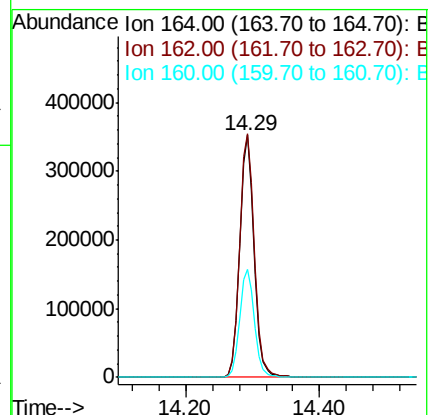
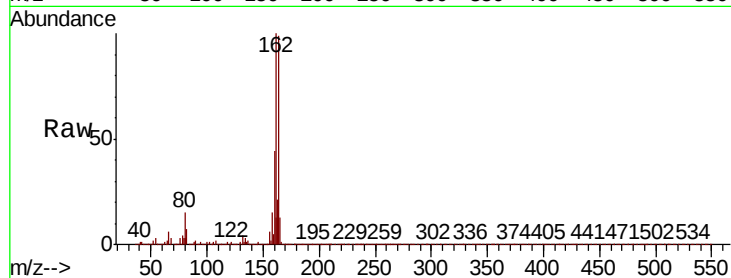
Tot Ion:164 Resp: 533806

Ion Ratio Lower Upper

164 100

162 100.5 79.4 119.2

160 44.6 36.1 54.1



#42

2,4,6-Tribromophenol

Concen: 111.793 ng

RT: 15.79 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BP003203.D

Acq: 04 Sep 2020 10:13

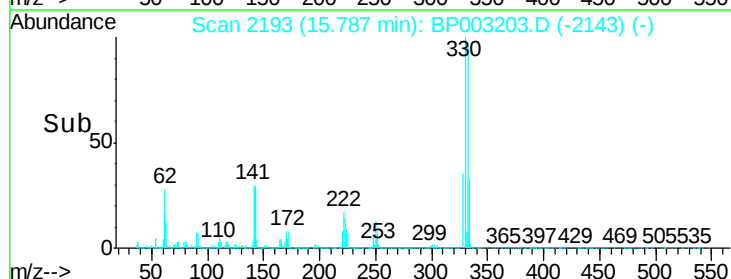
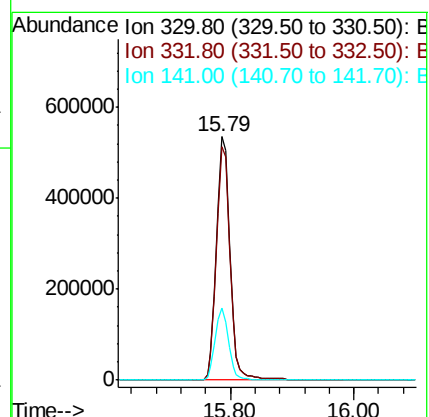
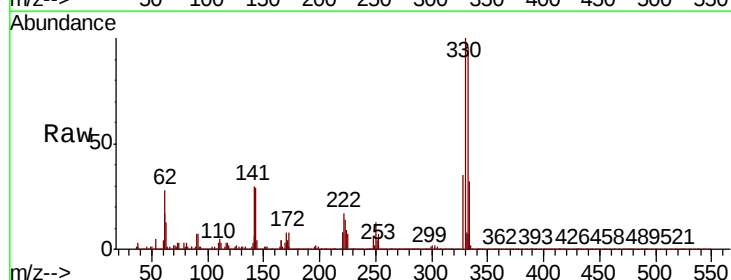
Tgt Ion:330 Resp: 807100

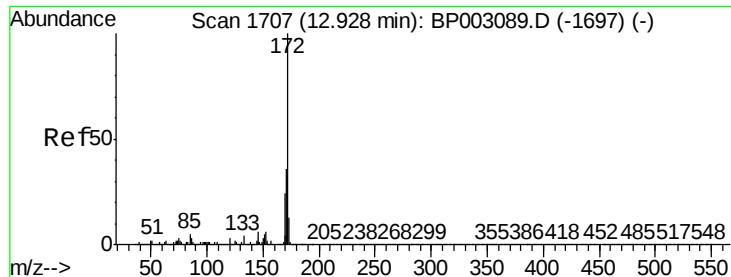
Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

141 29.5 23.4 35.2

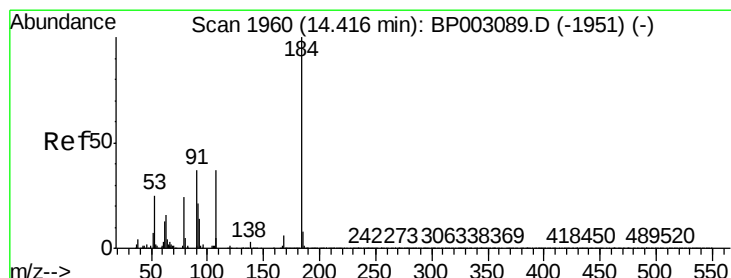
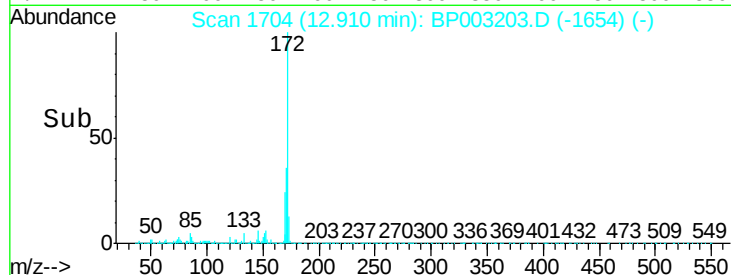
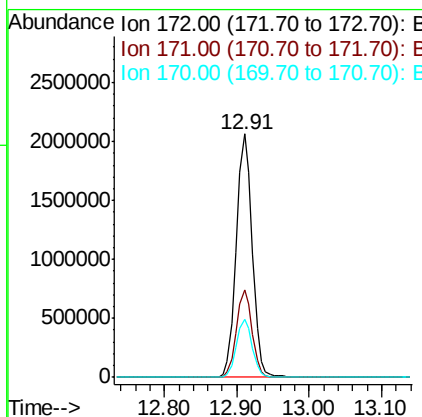
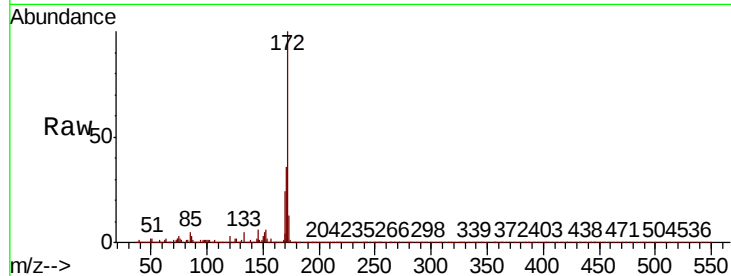




#45
2-Fluorobiphenyl
Concen: 86.934 ng
RT: 12.91 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BP003203.D
Acq: 04 Sep 2020 10:13

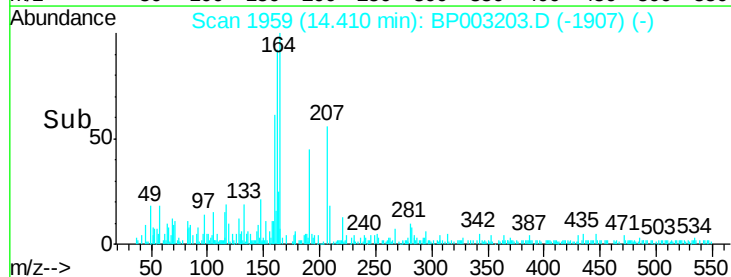
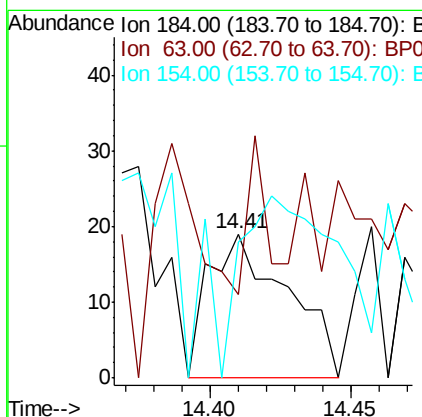
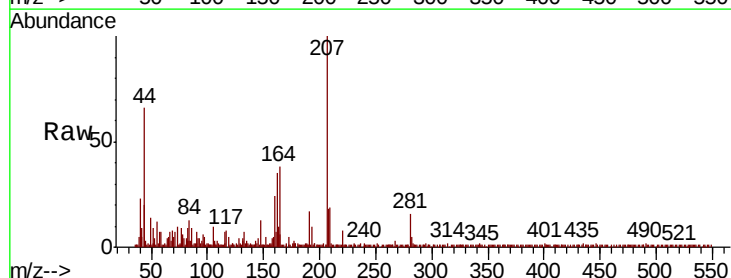
Instrument :
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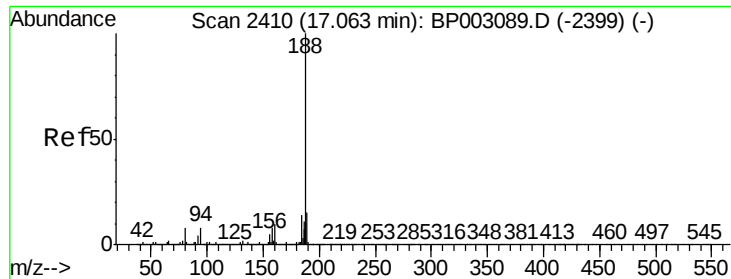
Tot Ion:172 Resp: 3168837
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.8 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 7.762 ng
RT: 14.41 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BP003203.D
Acq: 04 Sep 2020 10:13

Tgt Ion:184 Resp: 37
Ion Ratio Lower Upper
184 100
63 315.8 32.3 48.5#
154 94.7 49.1 73.7#

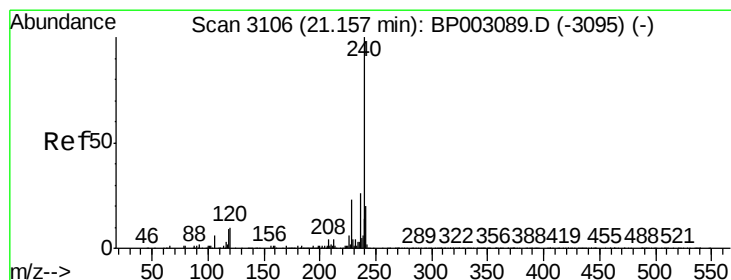
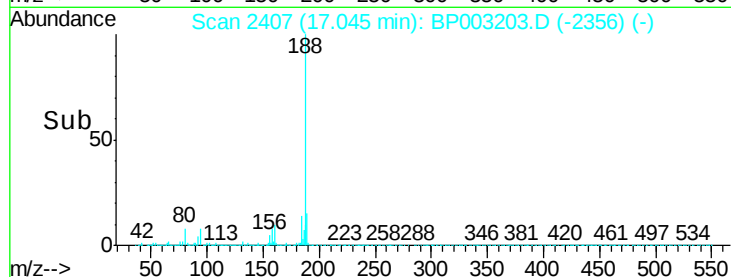
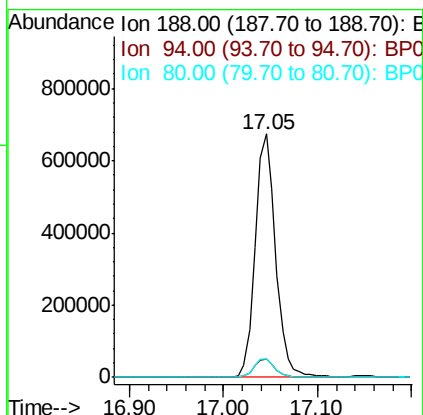
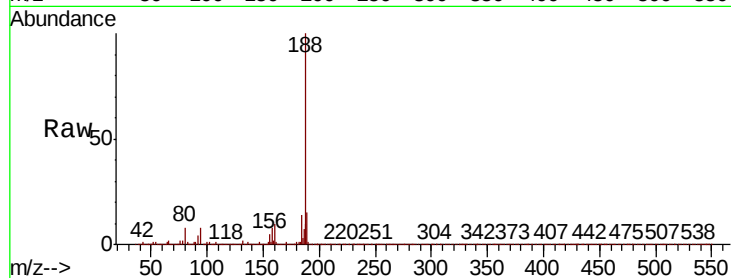




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BP003203.D
Acq: 04 Sep 2020 10:13

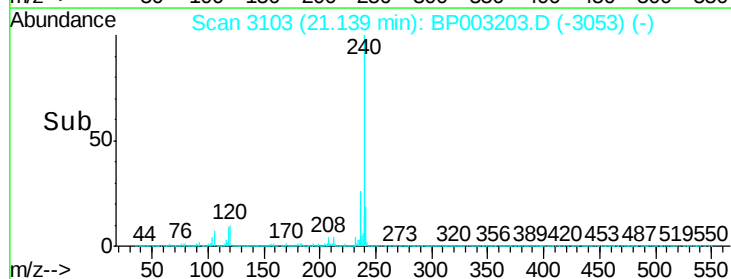
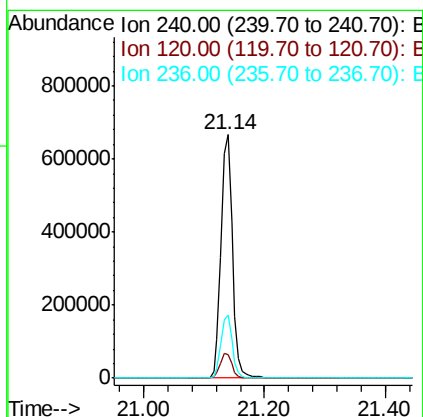
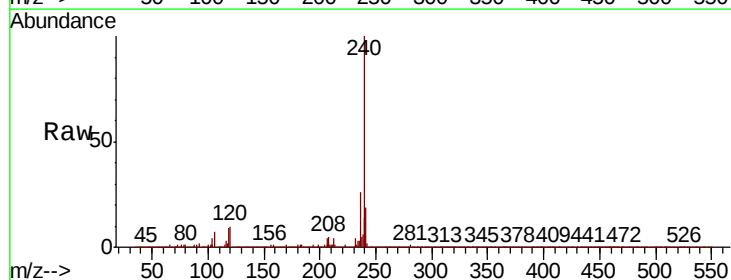
Instrument :
BNA_P
ClientSampleId :
PB131395BL

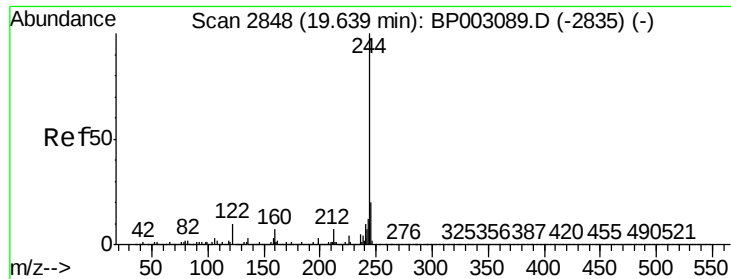
Tot Ion:188 Resp: 1011572
Ion Ratio Lower Upper
188 100
94 7.6 6.2 9.2
80 7.7 6.2 9.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BP003203.D
Acq: 04 Sep 2020 10:13

Tgt Ion:240 Resp: 866801
Ion Ratio Lower Upper
240 100
120 9.8 7.8 11.6
236 25.8 20.8 31.2





#79

Terphenyl-d14

Concen: 85.201 ng

RT: 19.62 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BP003203.D

Acq: 04 Sep 2020 10:13

Instrument :

BNA_P

ClientSampleId :

PB131395BL

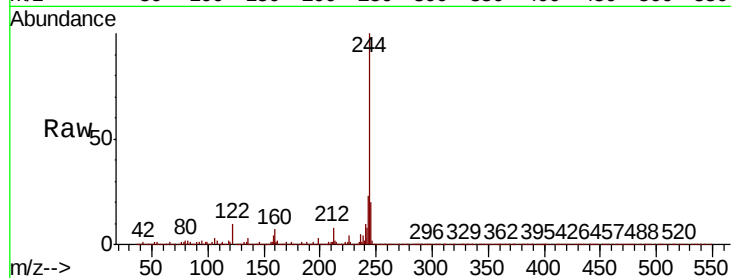
Tot Ion:244 Resp: 3356267

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

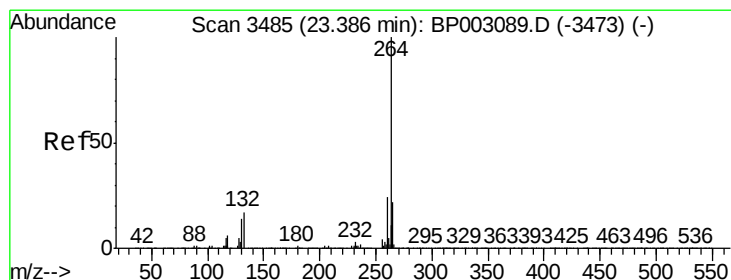
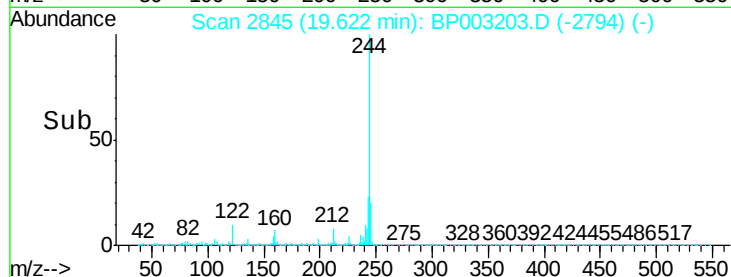
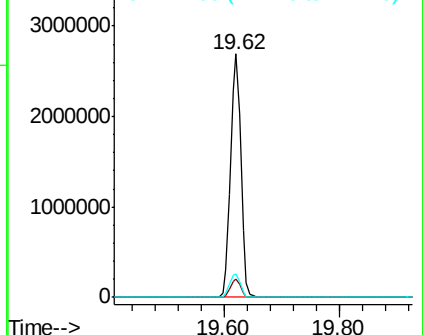
122 9.8 7.8 11.8



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: 23.37 min Scan# 3482

Delta R.T. -0.00 min

Lab File: BP003203.D

Acq: 04 Sep 2020 10:13

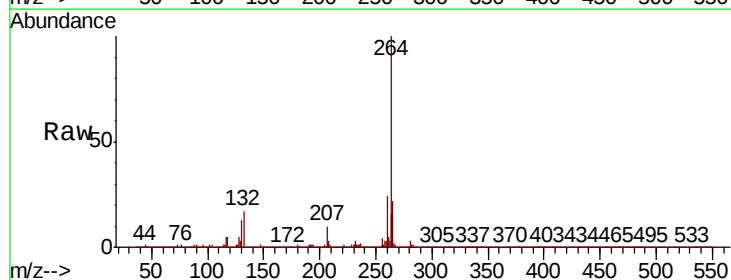
Tgt Ion:264 Resp: 902994

Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

265 21.6 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

