

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082720\
 Data File : BP003137.D
 Acq On : 27 Aug 2020 18:06
 Operator : CG/JU
 Sample : L3805-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FM782

Quant Time: Aug 27 18:41:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 15:32:08 2020
 Response via : Initial Calibration

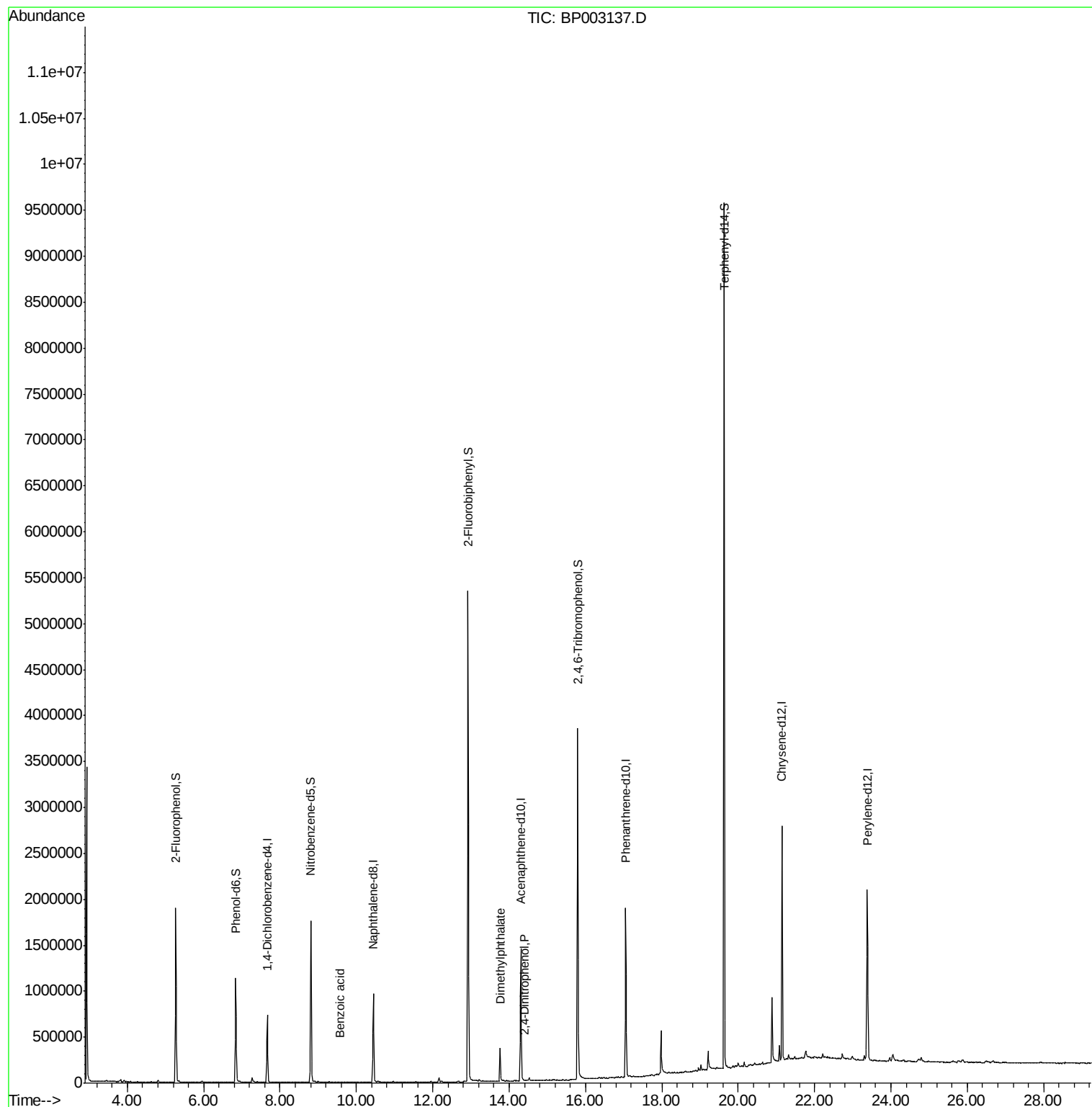
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	221659	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	893501	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	549678	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1185073	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	1218977	20.00	ng	-0.01
86) Perylene-d12	23.38	264	1356881	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	992077	79.13	ng	0.00
7) Phenol-d6	6.84	99	781965	49.76	ng	0.00
23) Nitrobenzene-d5	8.80	82	1045359	84.34	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	912705	122.77	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	3025709	80.61	ng	0.00
79) Terphenyl-d14	19.63	244	4266817	77.02	ng	0.00
Target Compounds						
32) Benzoic acid	9.58	122	87	9.005	ng	91
50) Dimethylphthalate	13.76	163	291159	6.946	ng	99
54) 2,4-Dinitrophenol	14.40	184	30	7.761	ng	# 1

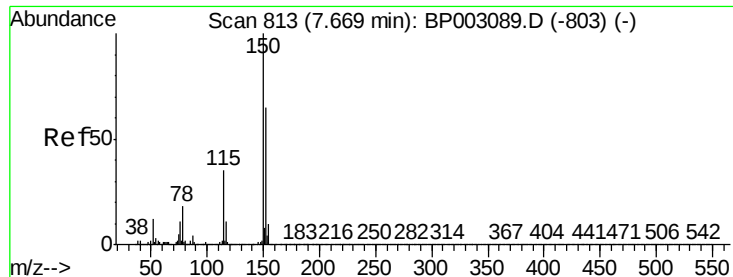
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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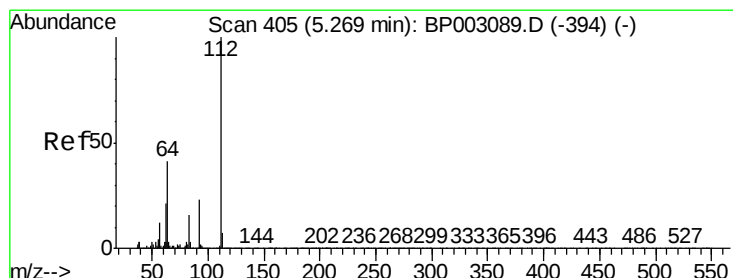
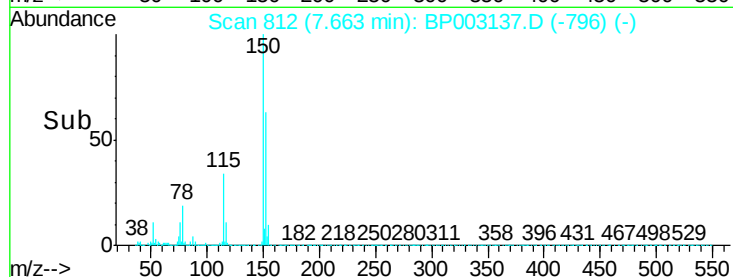
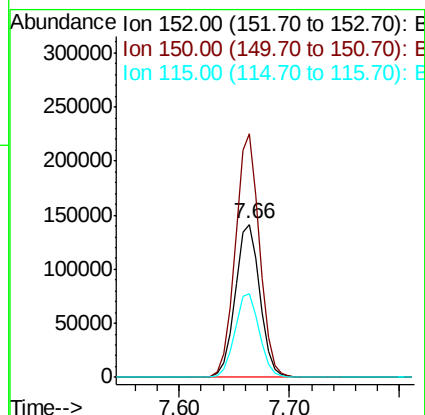
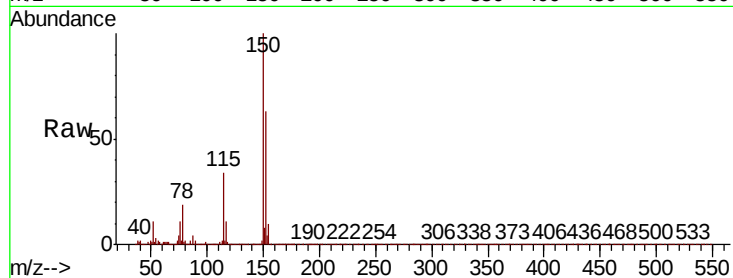


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003137.D
Acq: 27 Aug 2020 18:06

Instrument :
BNA_P
ClientSampleId :
FM782

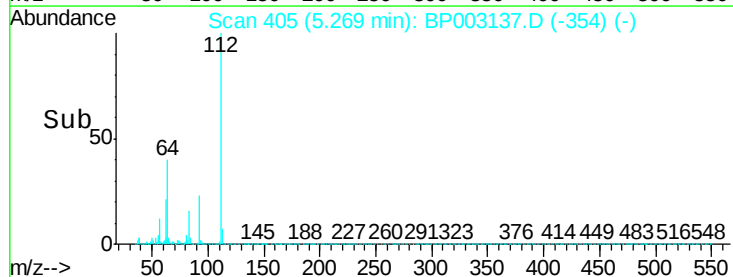
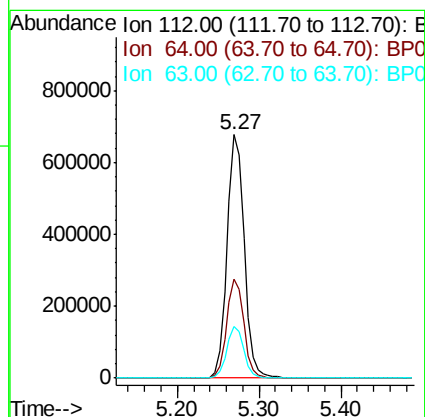
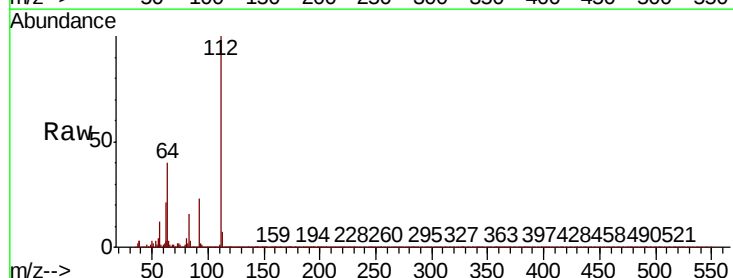
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	123.1	184.7
115	54.7	42.8	64.2

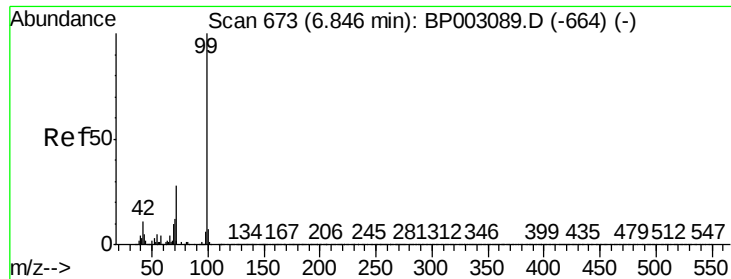


#5

2-Fluorophenol
Concen: 79.131 ng
RT: 5.27 min Scan# 405
Delta R.T. 0.00 min
Lab File: BP003137.D
Acq: 27 Aug 2020 18:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.5	33.0	49.6
63	21.3	16.9	25.3





#7

Phenol-d6

Concen: 49.756 ng

RT: 6.84 min Scan# 672

Delta R.T. -0.01 min

Lab File: BP003137.D

Acq: 27 Aug 2020 18:06

Instrument :

BNA_P

ClientSampleId :

FM782

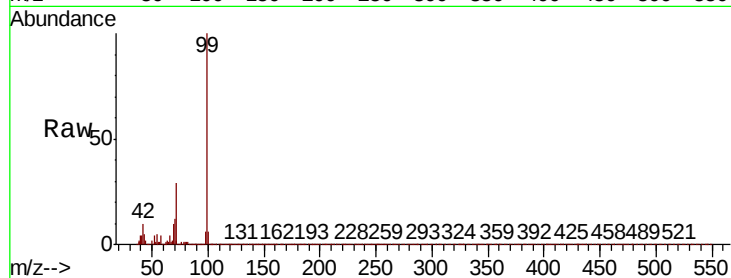
Tot Ion: 99 Resp: 781965

Ion Ratio Lower Upper

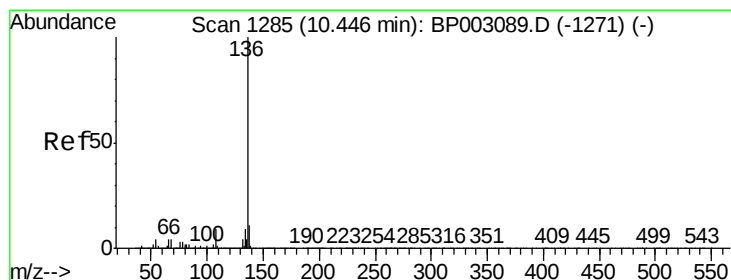
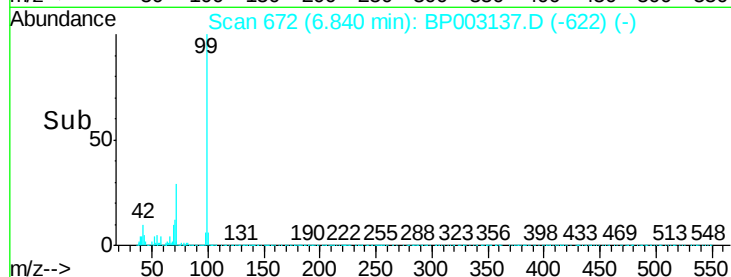
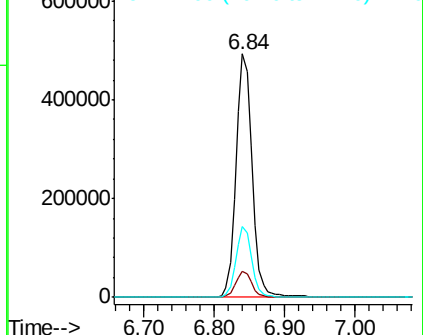
99 100

42 10.5 8.5 12.7

71 29.0 22.8 34.2



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: 10.44 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BP003137.D

Acq: 27 Aug 2020 18:06

Tgt Ion: 136 Resp: 893501

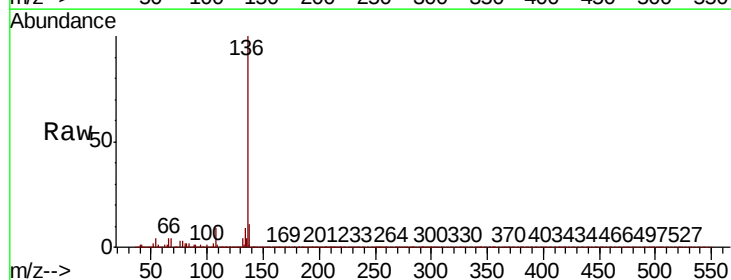
Ion Ratio Lower Upper

136 100

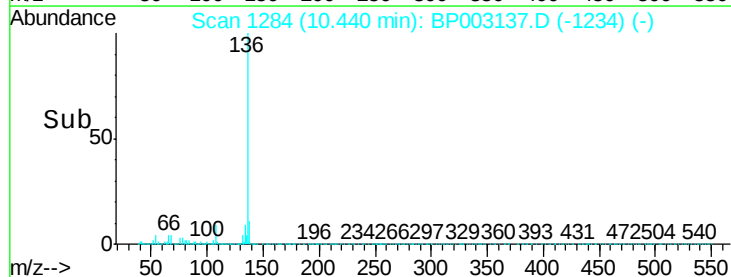
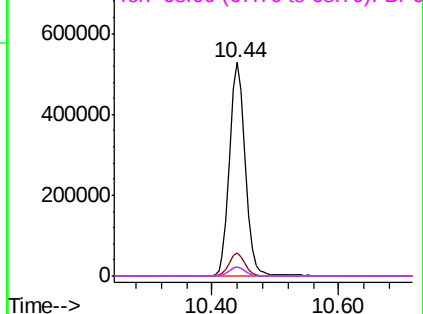
137 11.0 8.8 13.2

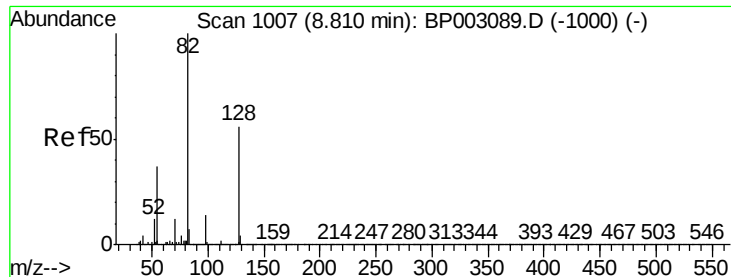
54 4.4 3.5 5.3

68 4.0 3.2 4.8



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

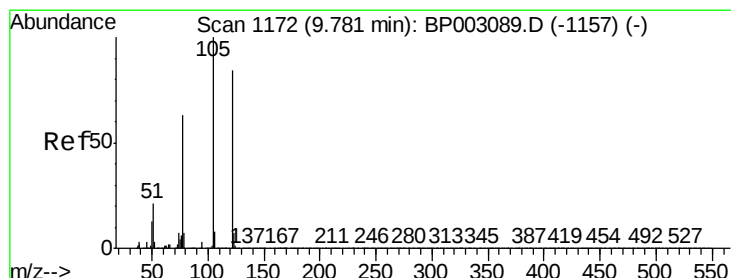
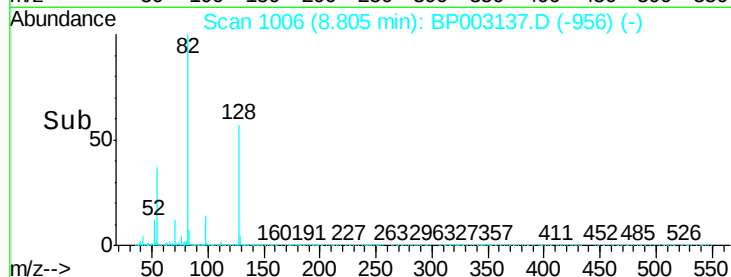
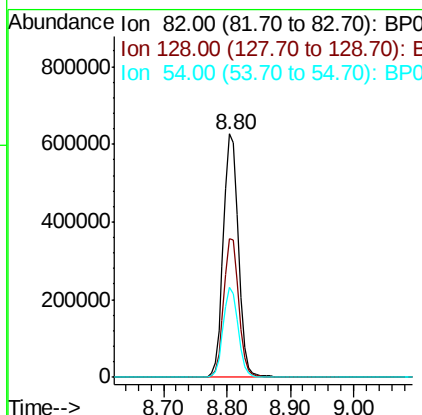
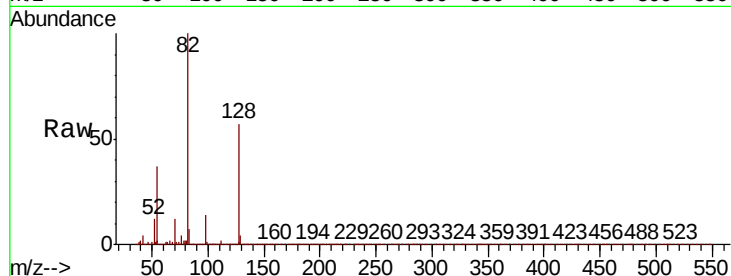




#23
Nitrobenzene-d5
Concen: 84.343 ng
RT: 8.80 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BP003137.D
Acq: 27 Aug 2020 18:06

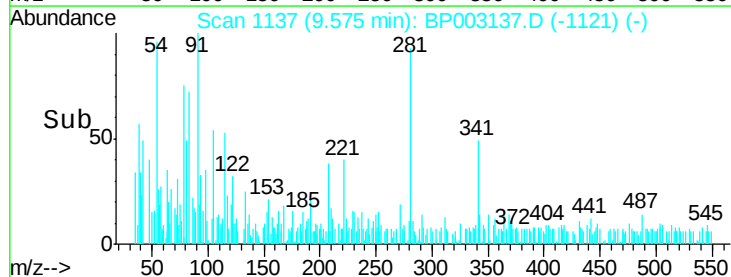
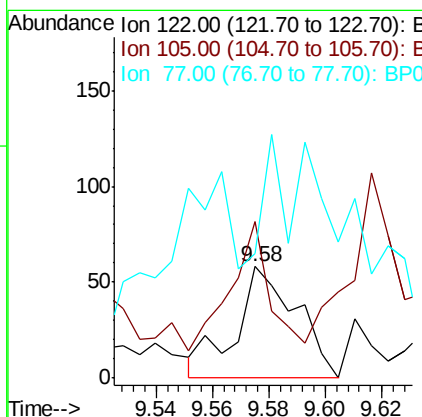
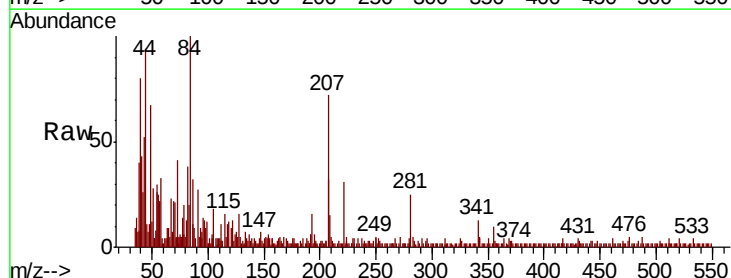
Instrument :
BNA_P
ClientSampleId :
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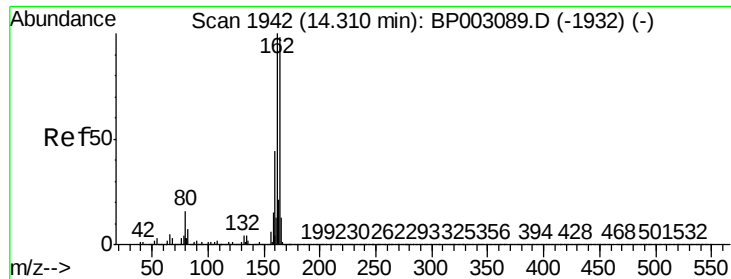
Tot Ion: 82 Resp: 1045359
Ion Ratio Lower Upper
82 100
128 56.7 44.9 67.3
54 37.2 29.4 44.2



#32
Benzoic acid
Concen: 9.005 ng
RT: 9.58 min Scan# 1137
Delta R.T. -0.20 min
Lab File: BP003137.D
Acq: 27 Aug 2020 18:06

Tgt Ion: 122 Resp: 87
Ion Ratio Lower Upper
122 100
105 115.5 98.1 138.1
77 91.5 55.3 95.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BP003137.D

Acq: 27 Aug 2020 18:06

Instrument :

BNA_P

ClientSampleId :

FM782

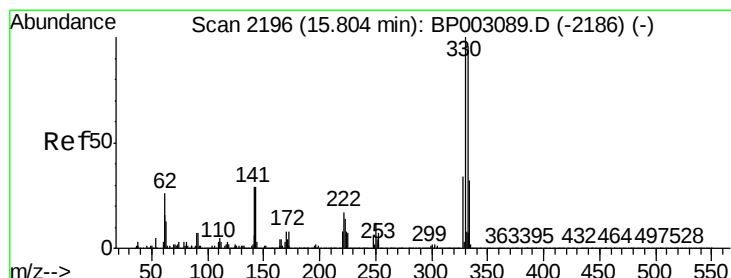
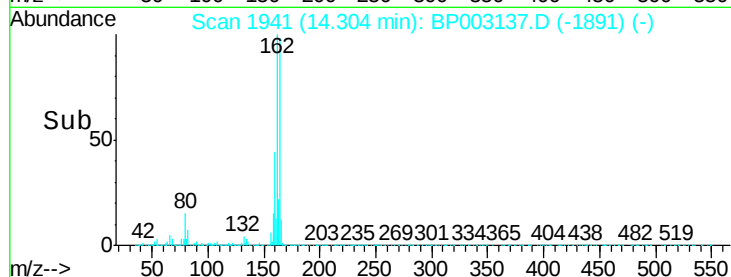
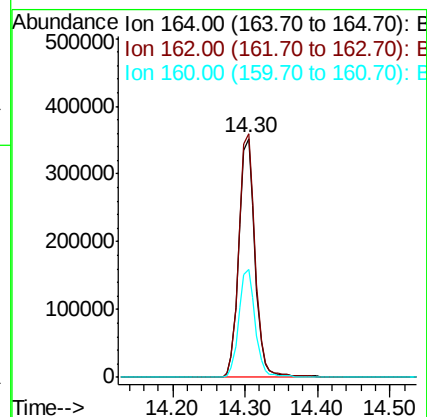
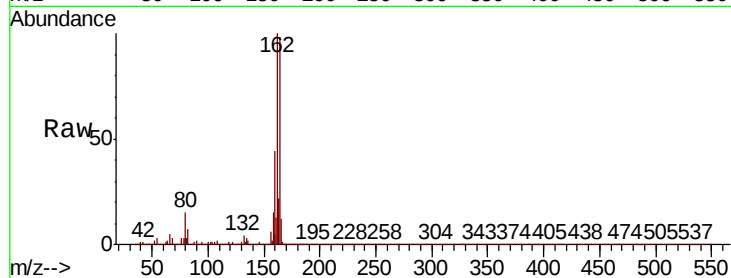
Tot Ion:164 Resp: 549678

Ion Ratio Lower Upper

164 100

162 101.9 81.2 121.8

160 45.1 36.0 54.0



#42

2,4,6-Tribromophenol

Concen: 122.770 ng

RT: 15.80 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BP003137.D

Acq: 27 Aug 2020 18:06

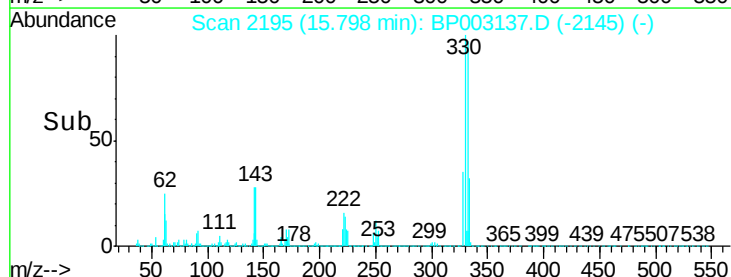
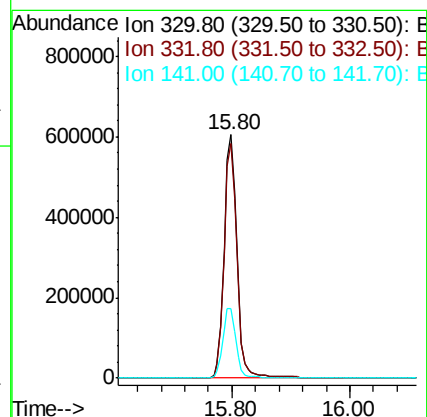
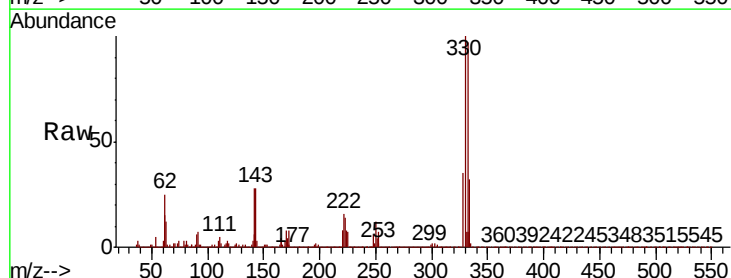
Tgt Ion:330 Resp: 912705

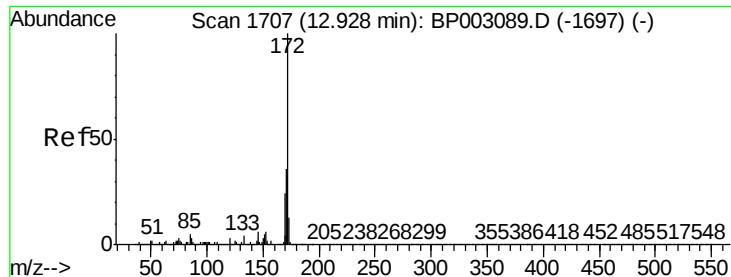
Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

141 29.8 24.4 36.6

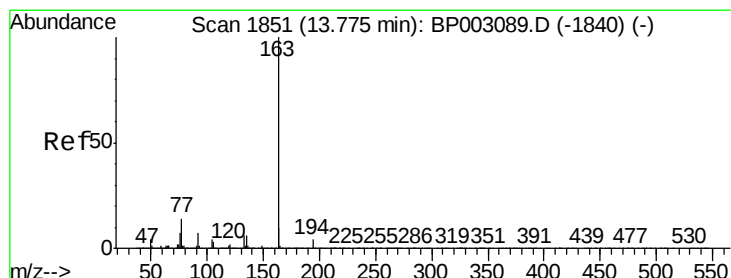
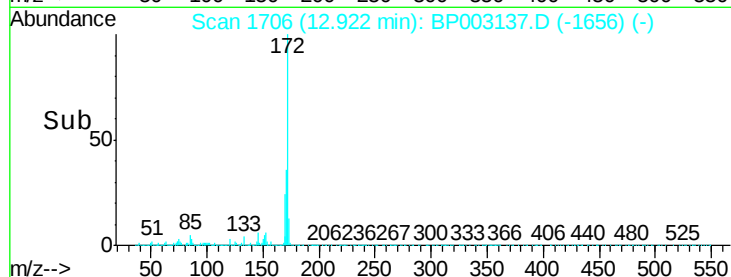
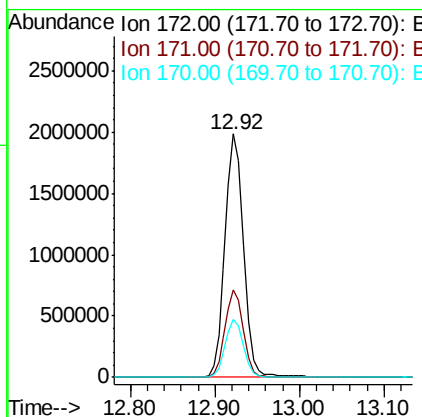
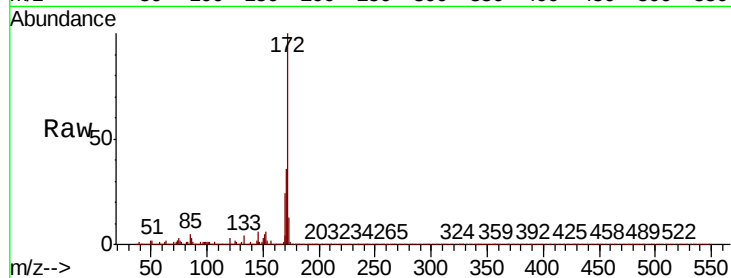




#45
2-Fluorobiphenyl
Concen: 80.611 ng
RT: 12.92 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP003137.D
Acq: 27 Aug 2020 18:06

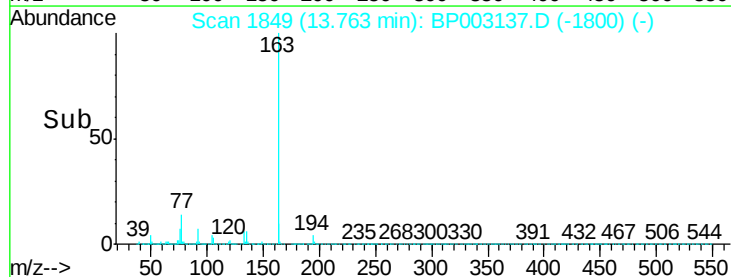
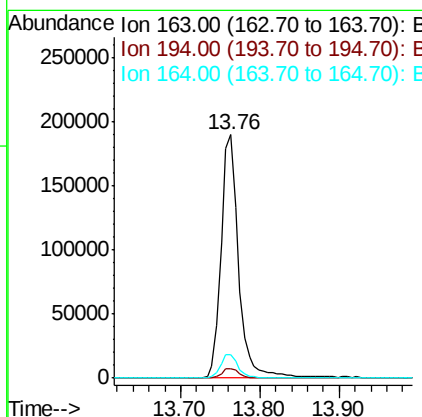
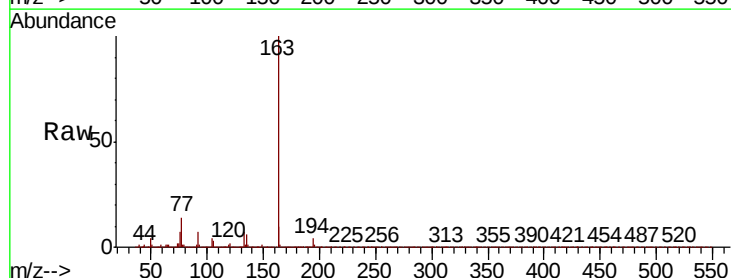
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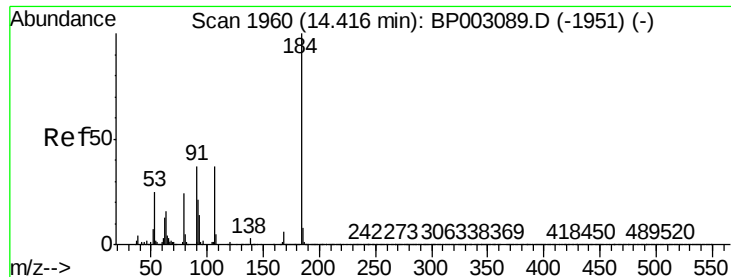
Tot Ion:172 Resp: 3025709
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 23.8 19.0 28.4



#50
Dimethylphthalate
Concen: 6.946 ng
RT: 13.76 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BP003137.D
Acq: 27 Aug 2020 18:06

Tgt Ion:163 Resp: 291159
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 9.6 8.1 12.1

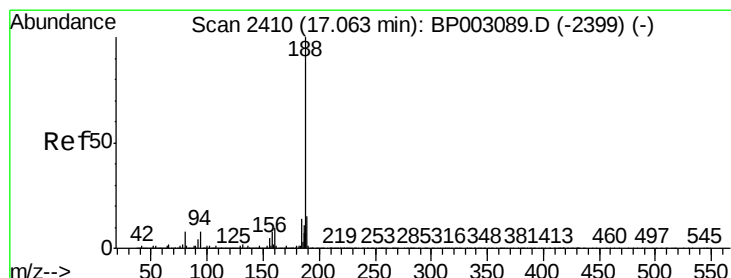
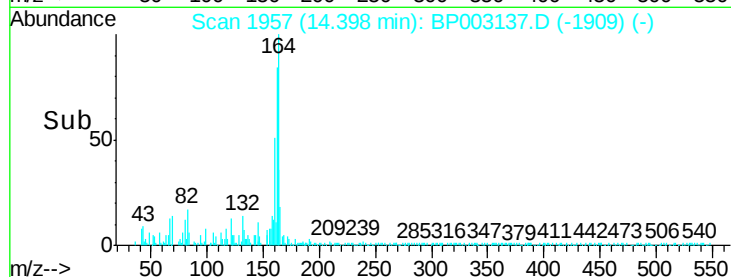
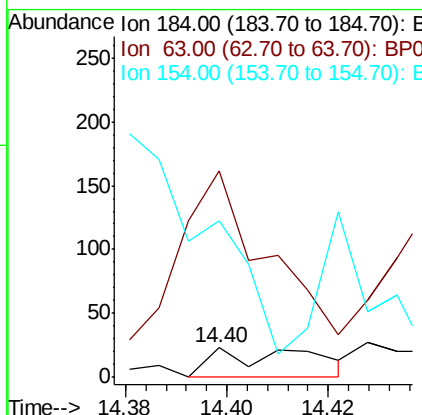
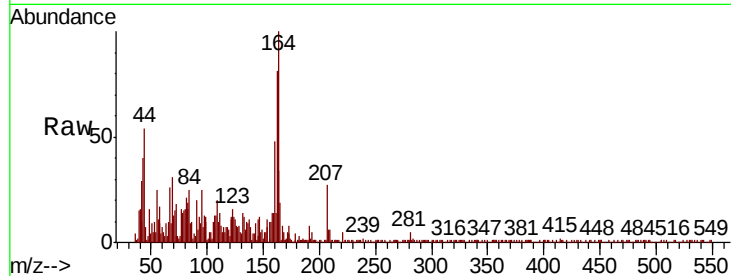




#54
2,4-Dinitrophenol
Concen: 7.761 ng
RT: 14.40 min Scan# 1957
Delta R.T. -0.02 min
Lab File: BP003137.D
Acq: 27 Aug 2020 18:06

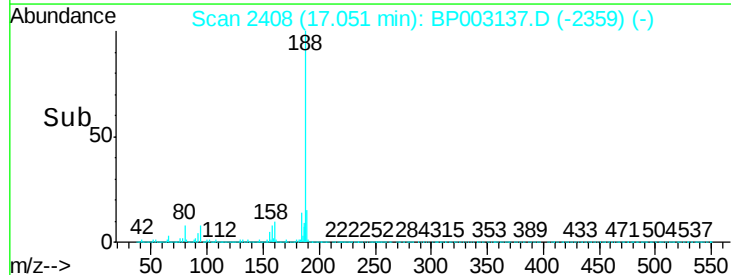
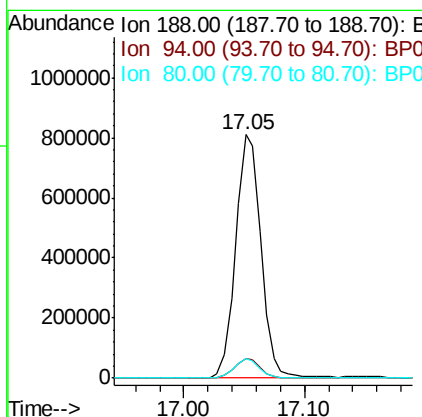
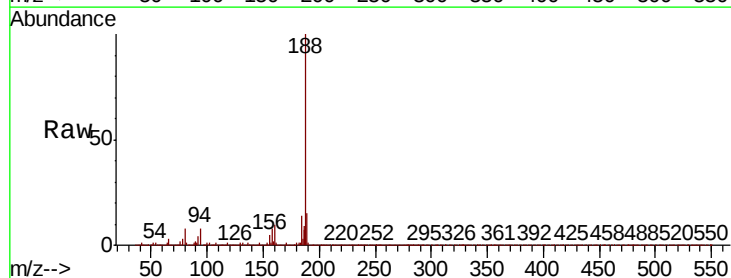
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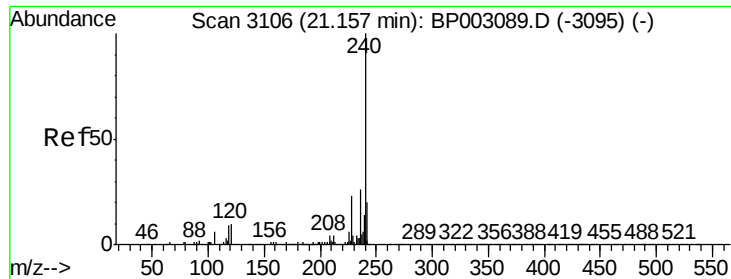
Tot Ion:184 Resp: 30
Ion Ratio Lower Upper
184 100
63 704.3 32.0 48.0#
154 534.8 48.2 72.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BP003137.D
Acq: 27 Aug 2020 18:06

Tgt Ion:188 Resp: 1185073
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.4
80 8.0 6.4 9.6

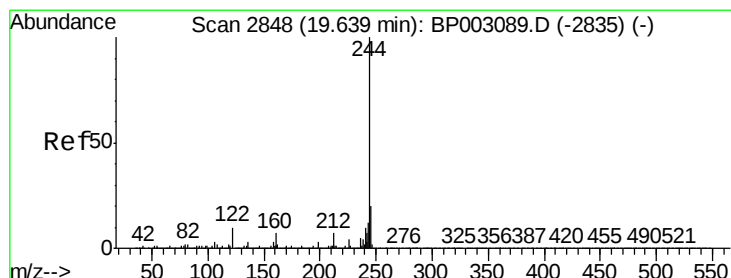
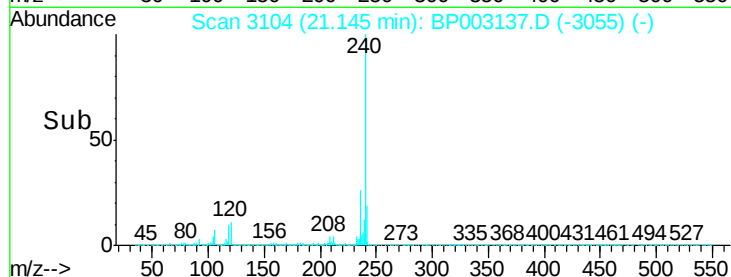
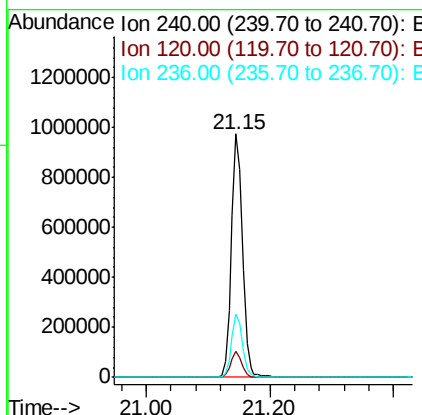
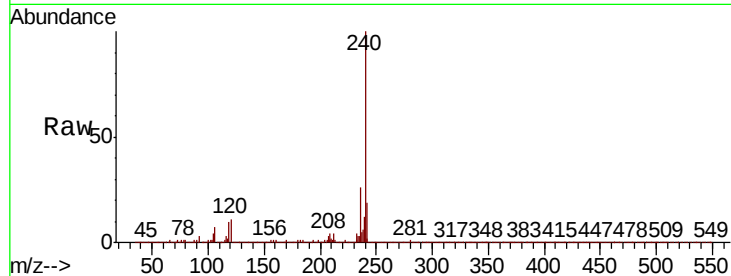




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BP003137.D
Acq: 27 Aug 2020 18:06

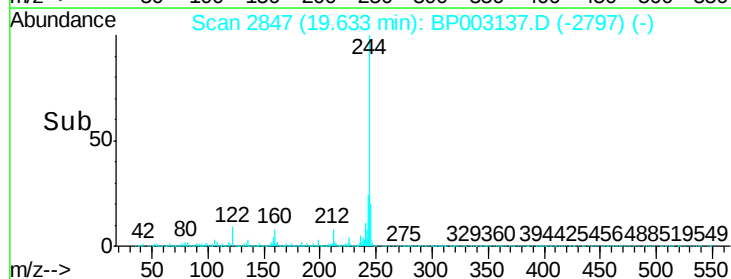
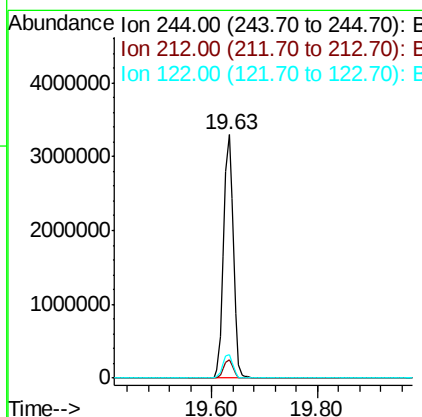
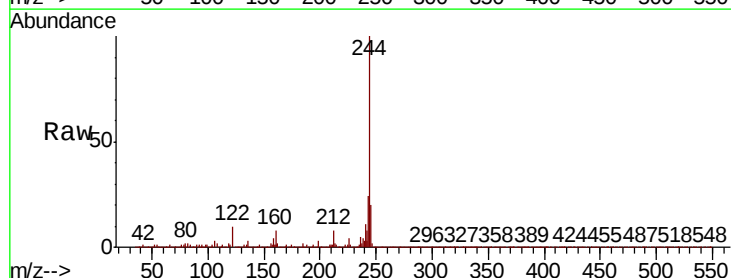
Instrument :
BNA_P
ClientSampleId :
FM782

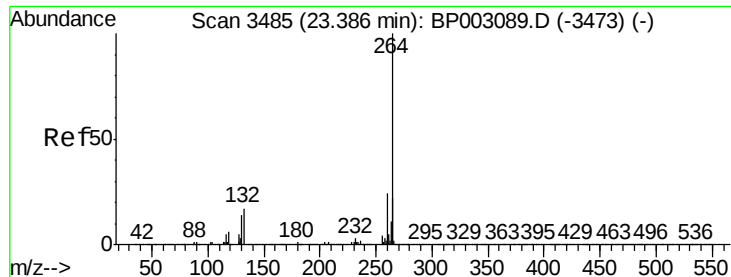
Tot Ion:240 Resp: 1218977
Ion Ratio Lower Upper
240 100
120 10.8 8.4 12.6
236 25.8 20.6 31.0



#79
Terphenyl-d14
Concen: 77.022 ng
RT: 19.63 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BP003137.D
Acq: 27 Aug 2020 18:06

Tgt Ion:244 Resp: 4266817
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 9.5 7.7 11.5





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3484
Delta R.T. -0.01 min
Lab File: BP003137.D
Acq: 27 Aug 2020 18:06

Instrument :
BNA_P
ClientSampleId :
FM782

Tot Ion:264 Resp: 1356881

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	21.4	17.7	26.5

