

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082720\
 Data File : BP003138.D
 Acq On : 27 Aug 2020 18:40
 Operator : CG/JU
 Sample : L3816-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ALMASI-1

Quant Time: Aug 28 01:01:27 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

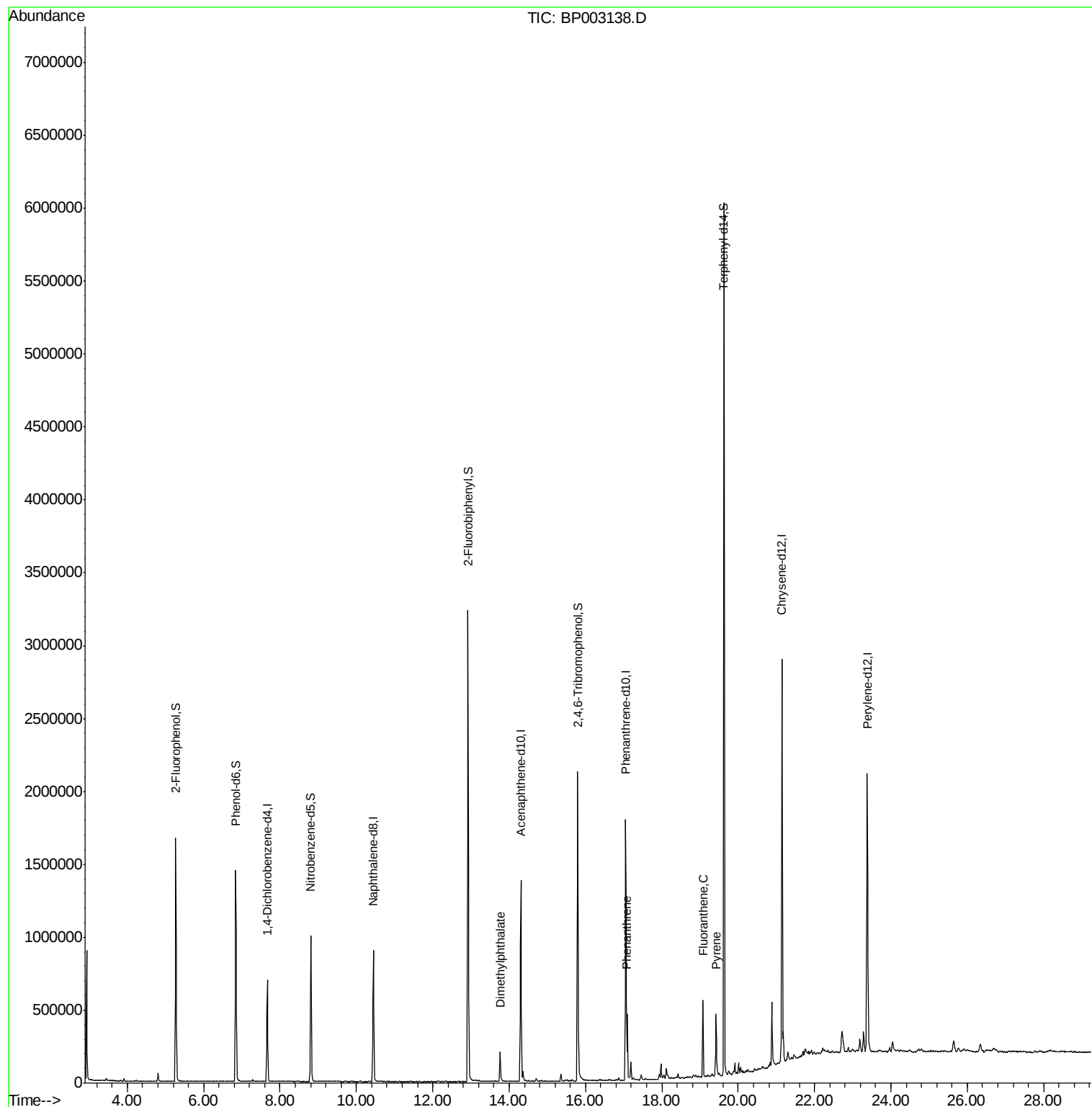
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	215728	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	862364	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	533030	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1167472	20.00	ng	-0.01
76) Chrysene-d12	21.14	240	1257688	20.00	ng	-0.01
86) Perylene-d12	23.38	264	1378529	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	857072	70.24	ng	0.00
7) Phenol-d6	6.84	99	1033486	67.57	ng	0.00
23) Nitrobenzene-d5	8.80	82	593060	49.58	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	514186	71.32	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	1842905	50.63	ng	0.00
79) Terphenyl-d14	19.63	244	2729768	47.76	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.76	163	173639	4.272	ng	99
71) Phenanthrene	17.10	178	290080	4.585	ng	99
75) Fluoranthene	19.07	202	312892	4.279	ng	100
78) Pyrene	19.42	202	280568	3.437	ng	99

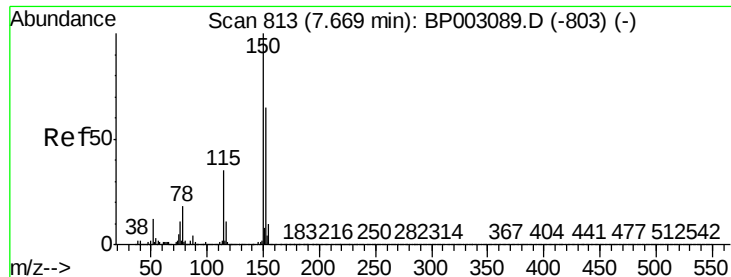
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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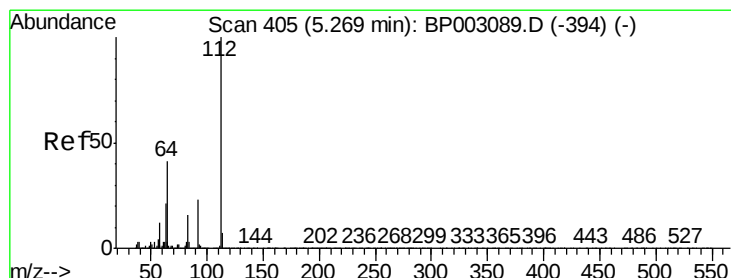
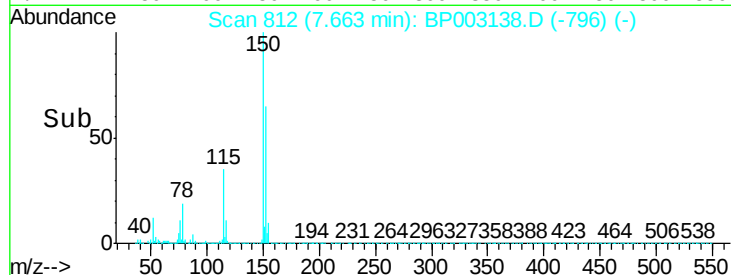
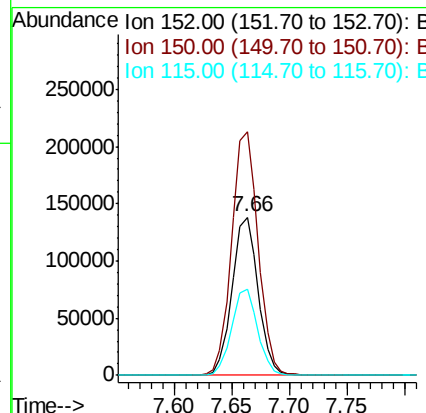
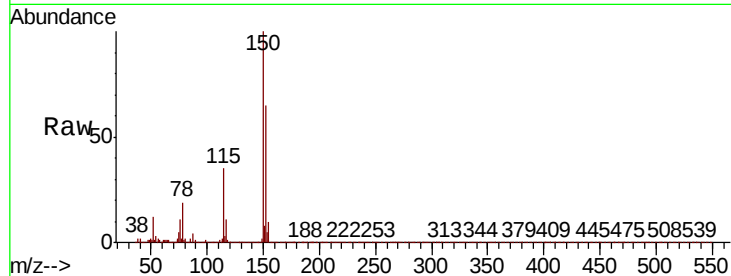


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003138.D
Acq: 27 Aug 2020 18:40

Instrument :
BNA_P
ClientSampled :
ALMASI-1

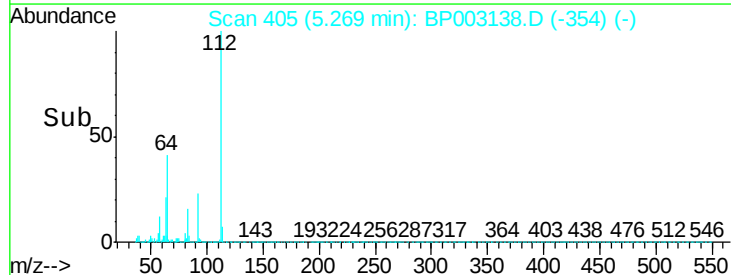
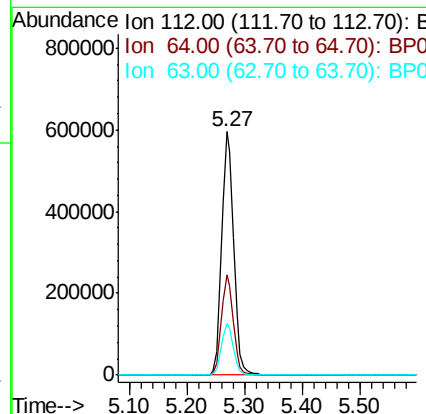
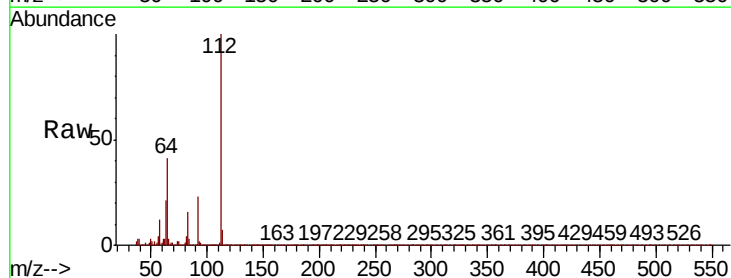
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.1	184.7
115	54.3	42.8	64.2

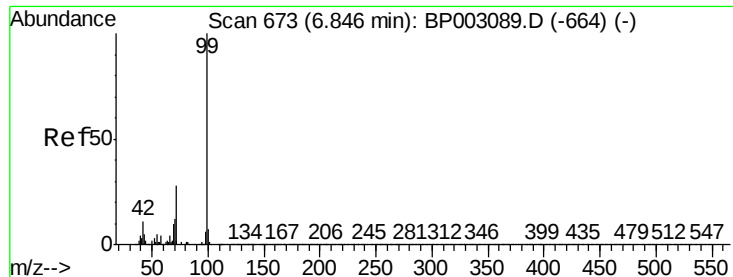


#5

2-Fluorophenol
Concen: 70.242 ng
RT: 5.27 min Scan# 405
Delta R.T. 0.00 min
Lab File: BP003138.D
Acq: 27 Aug 2020 18:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.1	33.0	49.6
63	21.4	16.9	25.3





#7

Phenol-d6

Concen: 67.568 ng

RT: 6.84 min Scan# 672

Delta R.T. -0.01 min

Lab File: BP003138.D

Acq: 27 Aug 2020 18:40

Instrument :

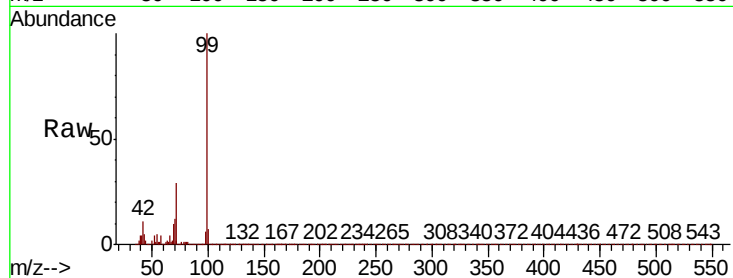
BNA_P

ClientSampleId :

ALMASI-1

Tot Ion: 99 Resp: 1033486

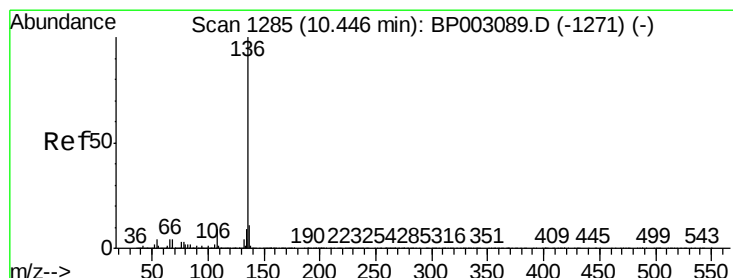
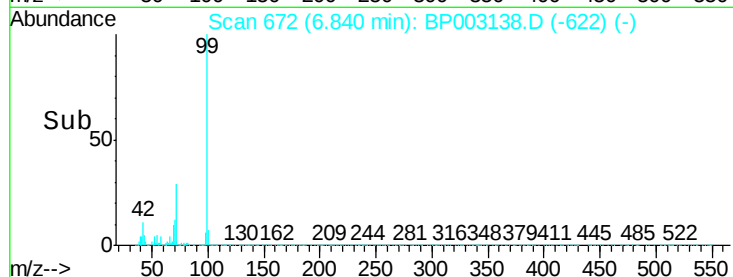
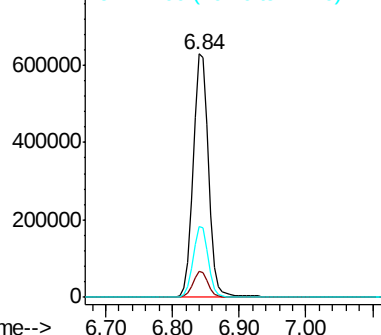
Ion	Ratio	Lower	Upper
99	100		
42	10.8	8.5	12.7
71	29.1	22.8	34.2



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

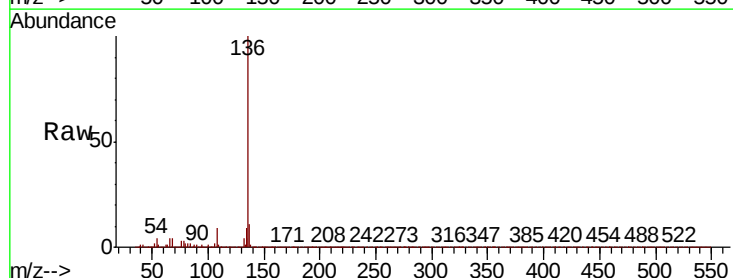
Delta R.T. -0.01 min

Lab File: BP003138.D

Acq: 27 Aug 2020 18:40

Tgt Ion: 136 Resp: 862364

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	4.4	3.5	5.3
68	4.3	3.2	4.8

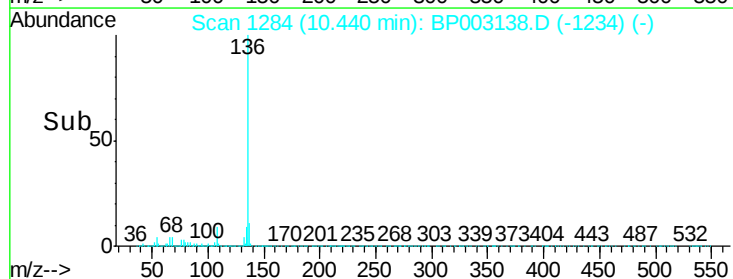
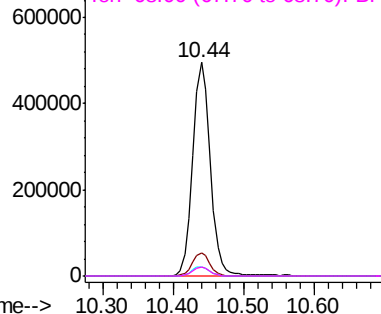


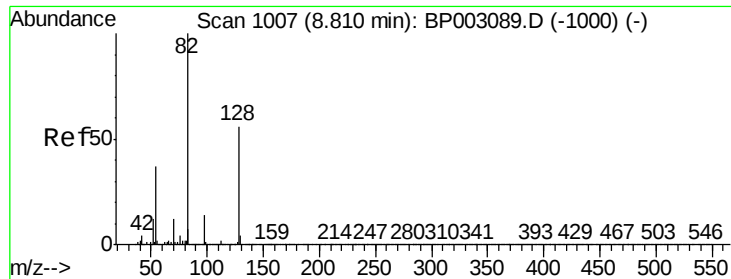
Abundance Ion 136.00 (135.70 to 136.70): E

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

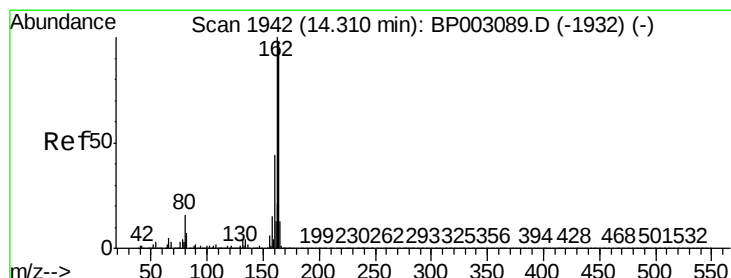
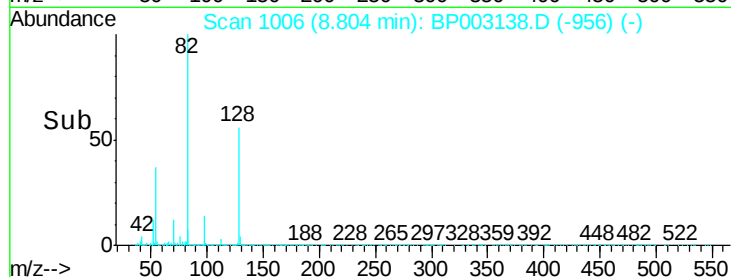
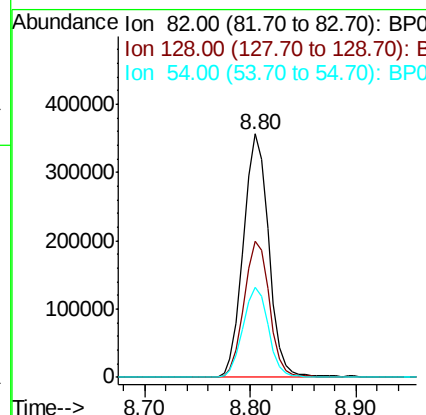
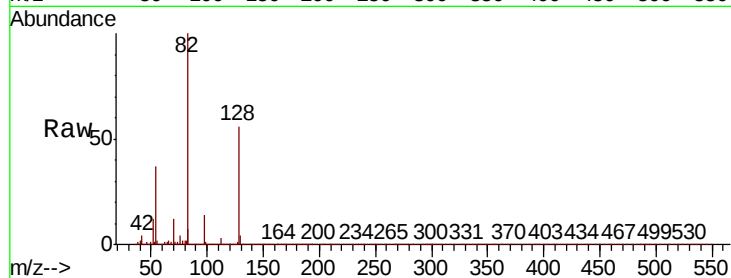




#23
Nitrobenzene-d5
Concen: 49.578 ng
RT: 8.80 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BP003138.D
Acq: 27 Aug 2020 18:40

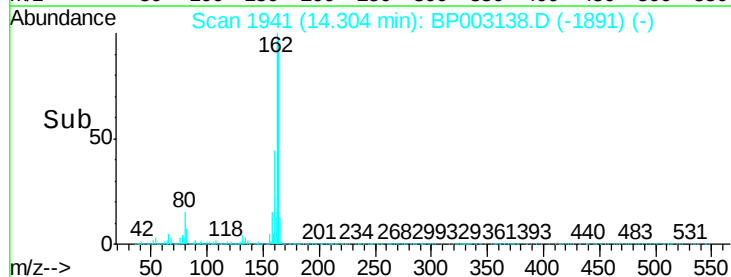
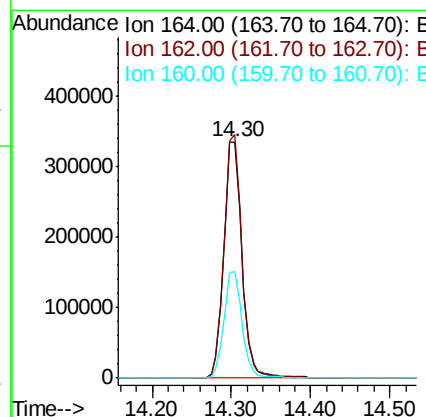
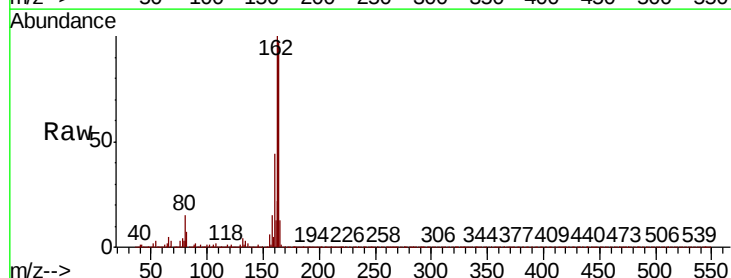
Instrument :
BNA_P
ClientSampleId :
ALMASI-1

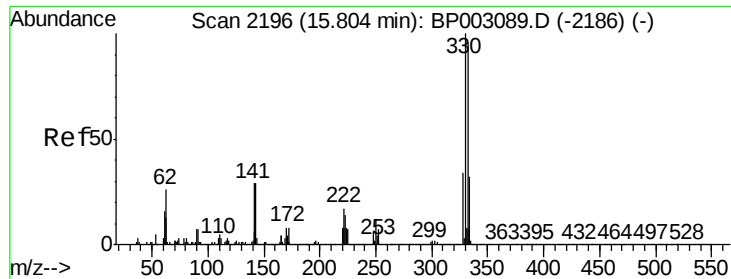
Tot Ion	82	Resp	593060
Ion Ratio	Lower	Upper	
82	100		
128	55.8	44.9	67.3
54	37.1	29.4	44.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BP003138.D
Acq: 27 Aug 2020 18:40

Tgt Ion	164	Resp	533030
Ion Ratio	Lower	Upper	
164	100		
162	103.0	81.2	121.8
160	45.1	36.0	54.0

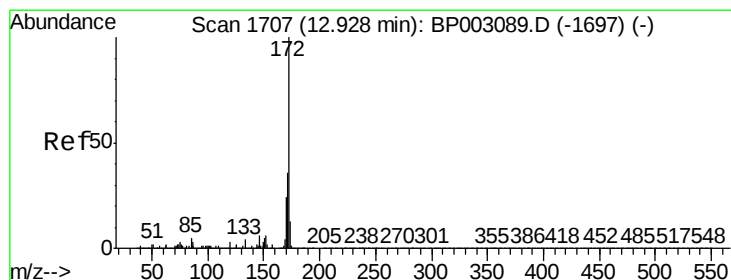
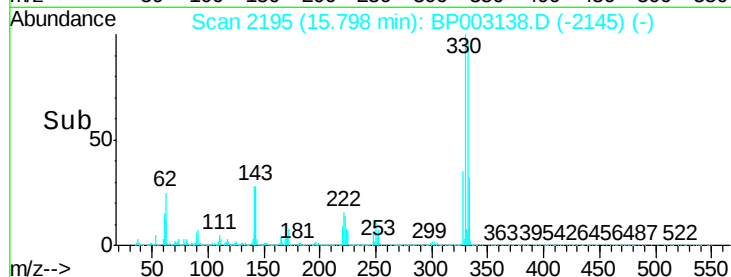
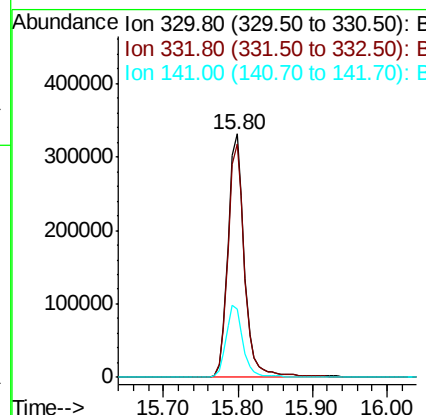
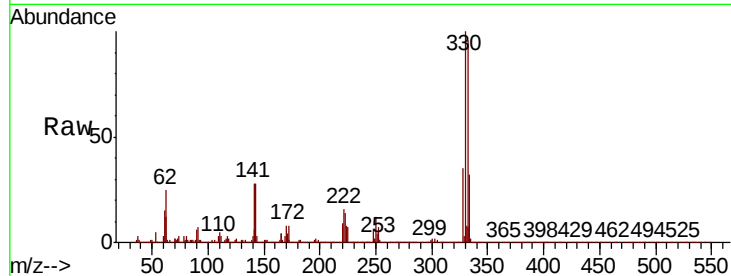




#42
 2,4,6-Tribromophenol
 Concen: 71.325 ng
 RT: 15.80 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BP003138.D
 Acq: 27 Aug 2020 18:40

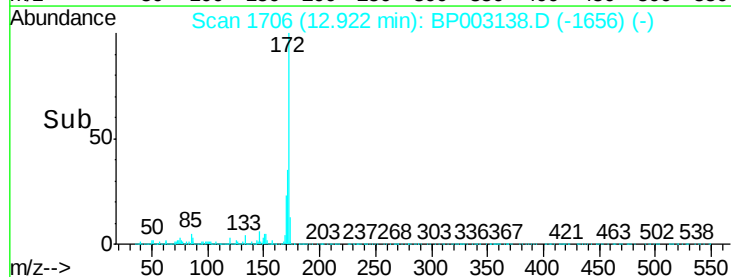
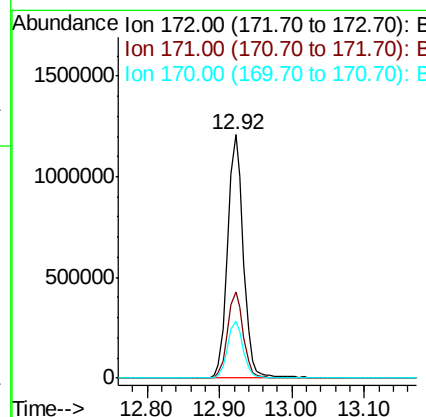
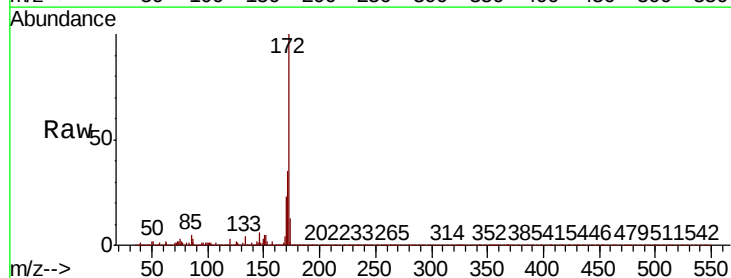
Instrument :
 BNA_P
 ClientSampleId :
 ALMASI-1

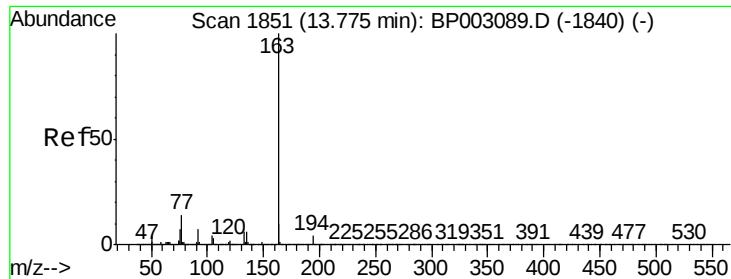
Tot Ion:330 Resp: 514186
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.3 115.9
 141 30.5 24.4 36.6



#45
 2-Fluorobiphenyl
 Concen: 50.632 ng
 RT: 12.92 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BP003138.D
 Acq: 27 Aug 2020 18:40

Tgt Ion:172 Resp: 1842905
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.7 43.1
 170 23.4 19.0 28.4

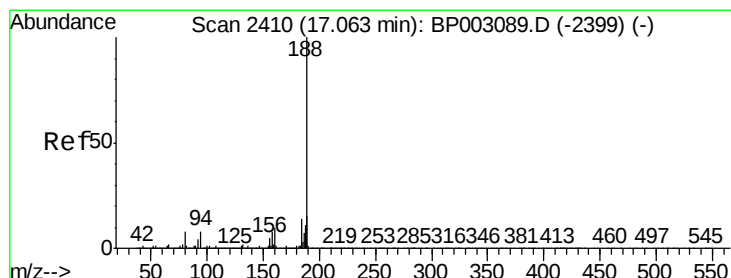
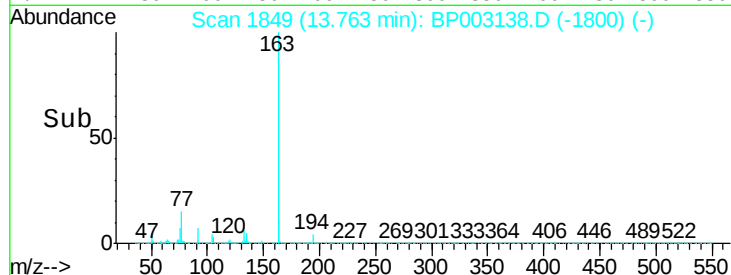
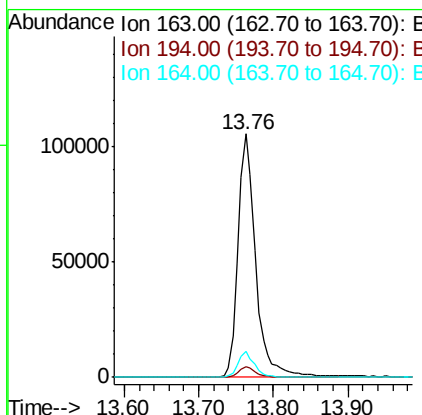
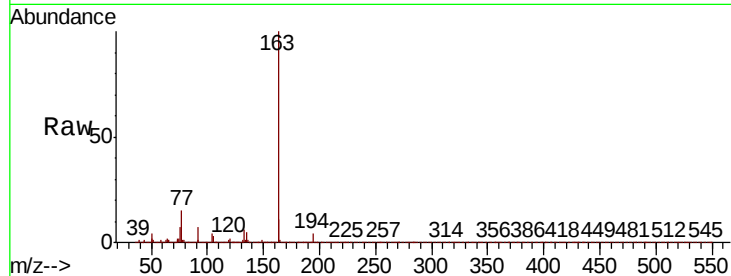




#50
Dimethylphthalate
Concen: 4.272 ng
RT: 13.76 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BP003138.D
Acq: 27 Aug 2020 18:40

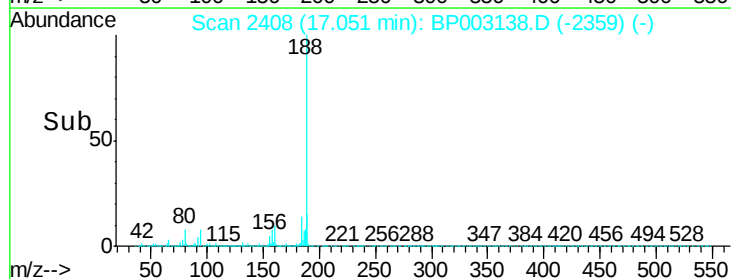
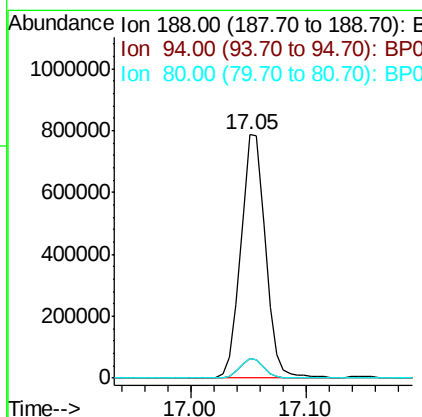
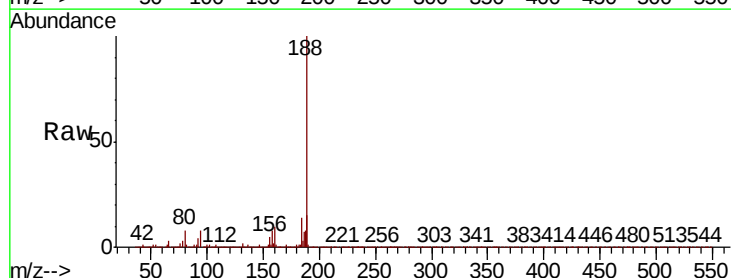
Instrument :
BNA_P
ClientSampled :
ALMASI-1

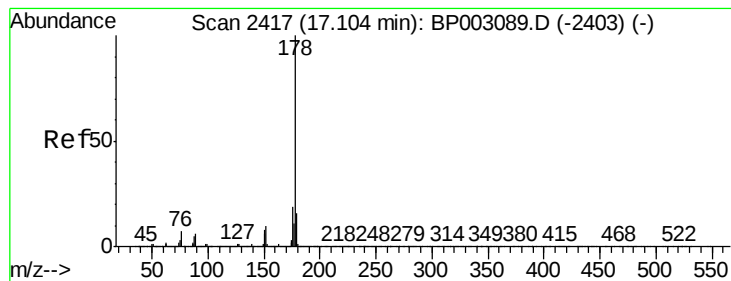
Tot Ion:163 Resp: 173639
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.7 8.1 12.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BP003138.D
Acq: 27 Aug 2020 18:40

Tgt Ion:188 Resp: 1167472
Ion Ratio Lower Upper
188 100
94 8.1 6.2 9.4
80 8.0 6.4 9.6





#71

Phenanthrene

Concen: 4.585 ng

RT: 17.10 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BP003138.D

Acq: 27 Aug 2020 18:40

Instrument :

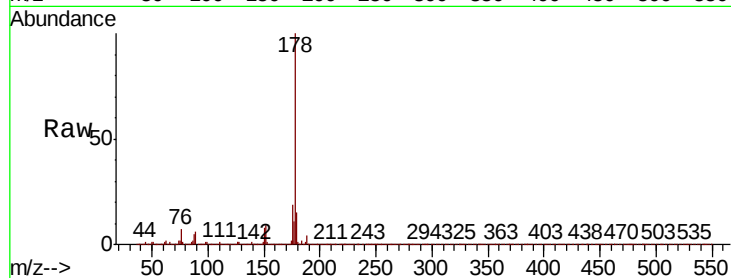
BNA_P

ClientSampleId :

ALMASI-1

Tot Ion:178 Resp: 290080

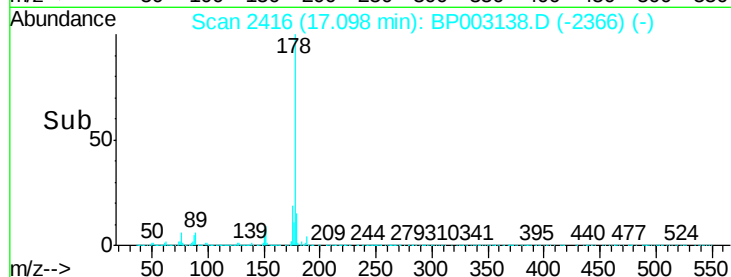
Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.1	12.4	18.6



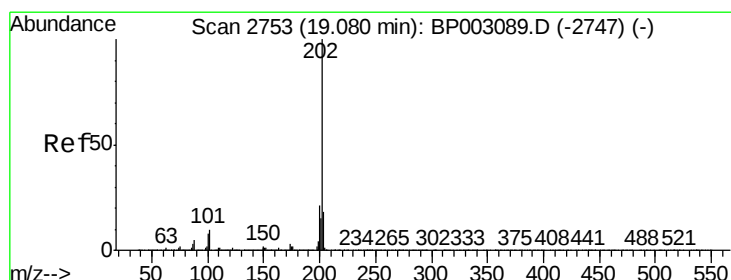
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#75

Fluoranthene

Concen: 4.279 ng

RT: 19.07 min Scan# 2752

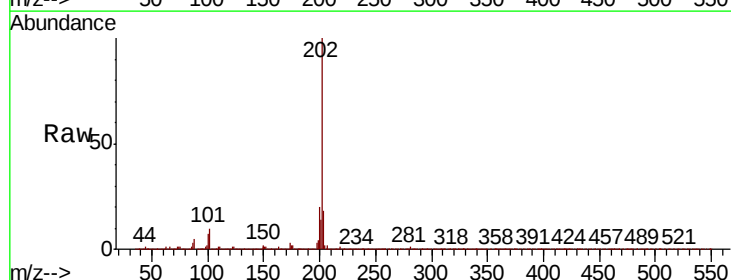
Delta R.T. -0.01 min

Lab File: BP003138.D

Acq: 27 Aug 2020 18:40

Tgt Ion:202 Resp: 312892

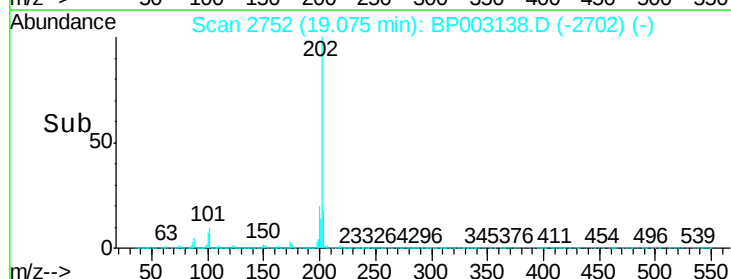
Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.0
203	17.7	0.0	37.7



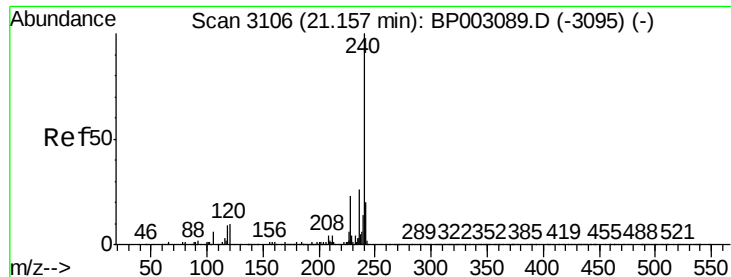
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



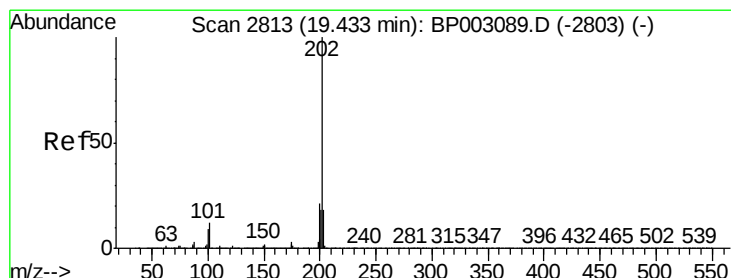
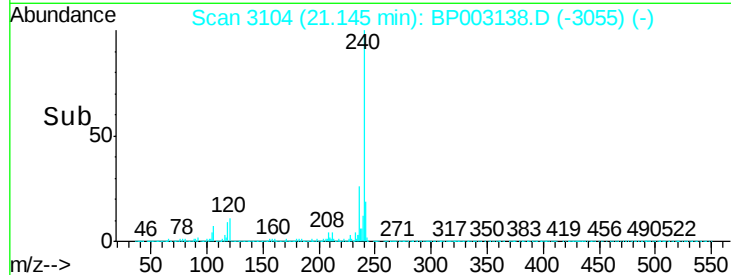
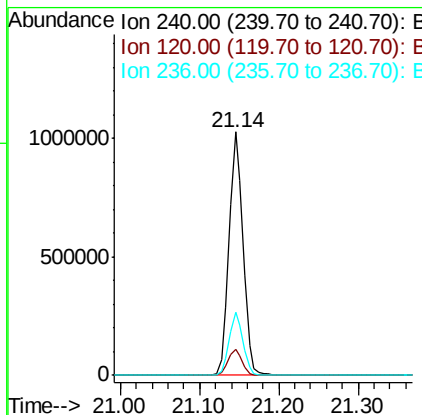
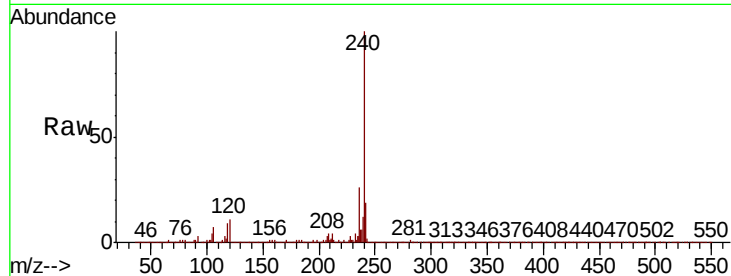
Time-->



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BP003138.D
Acq: 27 Aug 2020 18:40

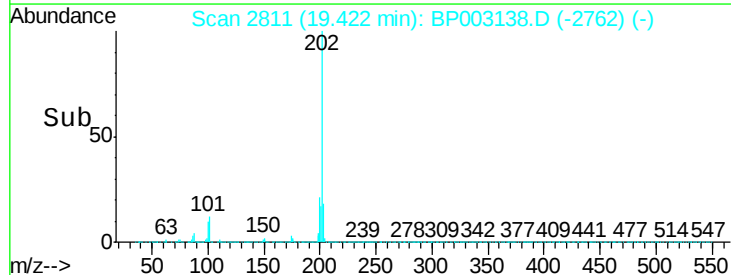
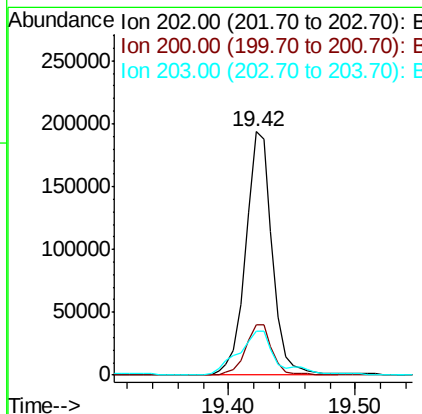
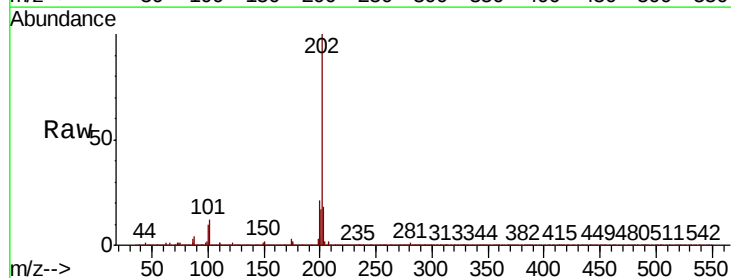
Instrument :
BNA_P
ClientSampleId :
ALMASI-1

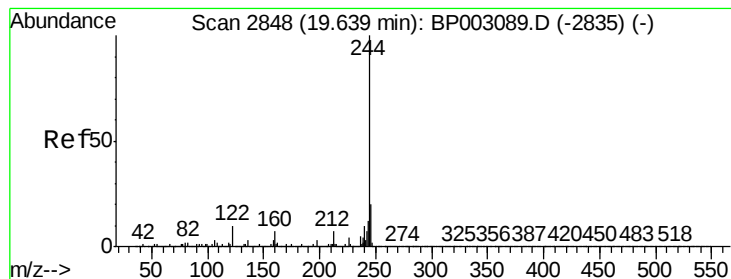
Tot Ion:240 Resp: 1257688
Ion Ratio Lower Upper
240 100
120 10.6 8.4 12.6
236 25.8 20.6 31.0



#78
Pyrene
Concen: 3.437 ng
RT: 19.42 min Scan# 2811
Delta R.T. -0.01 min
Lab File: BP003138.D
Acq: 27 Aug 2020 18:40

Tgt Ion:202 Resp: 280568
Ion Ratio Lower Upper
202 100
200 20.7 17.0 25.4
203 18.2 14.0 21.0





#79

Terphenyl-d14

Concen: 47.759 ng

RT: 19.63 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BP003138.D

Acq: 27 Aug 2020 18:40

Instrument :

BNA_P

ClientSampled :

ALMASI-1

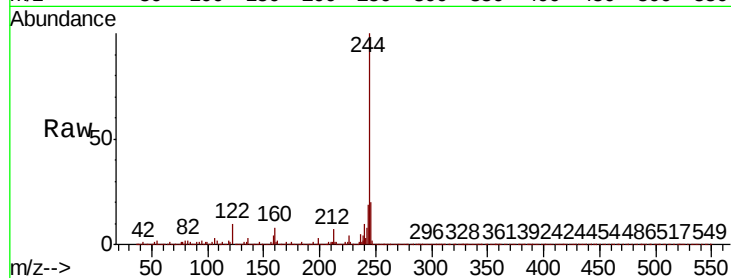
Tot Ion:244 Resp: 2729768

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

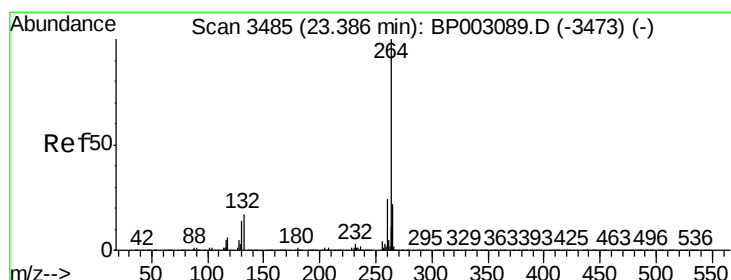
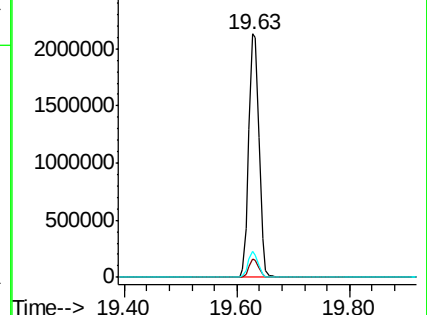
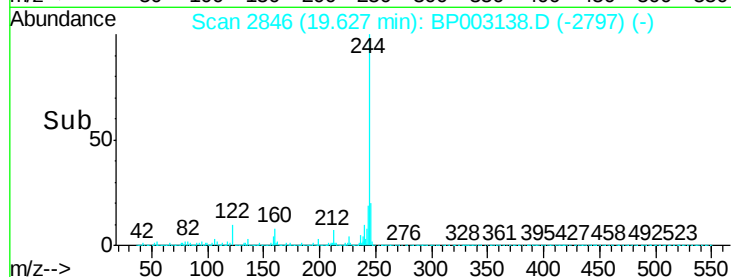
122 10.5 7.7 11.5



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: BP003138.D

Acq: 27 Aug 2020 18:40

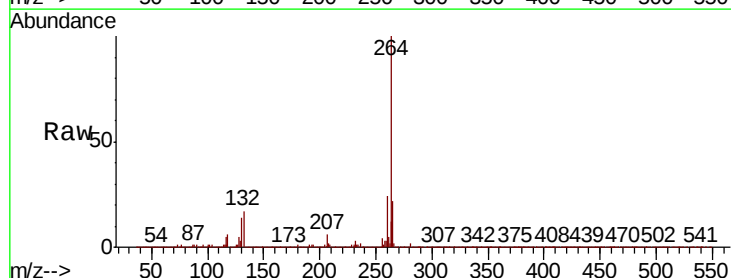
Tgt Ion:264 Resp: 1378529

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.8 17.7 26.5



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

