

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091120\
 Data File : BP003266.D
 Acq On : 11 Sep 2020 18:25
 Operator : CG/JU
 Sample : L3962-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-1

Quant Time: Sep 11 18:54:50 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

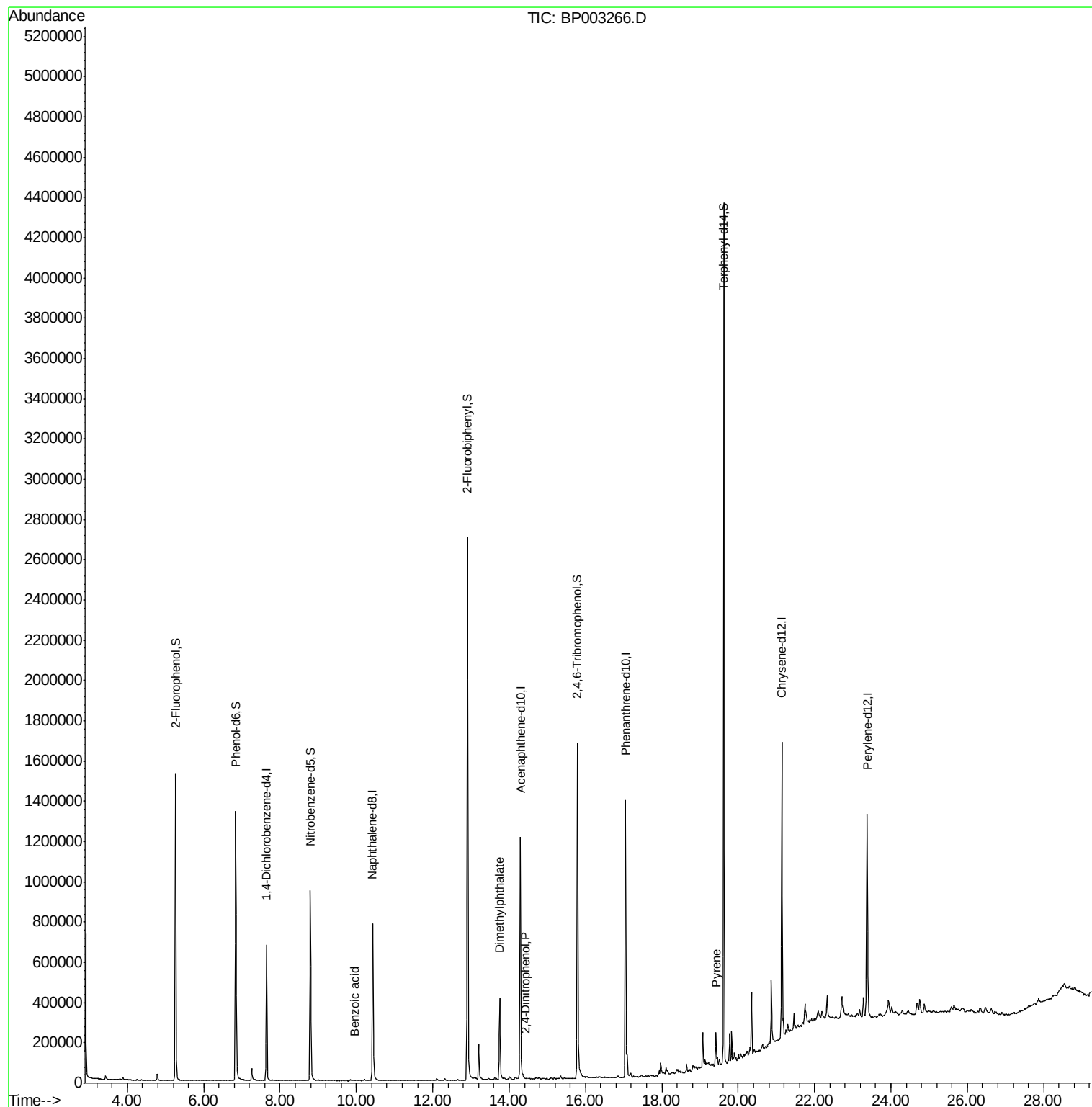
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	204994	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	806593	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	471985	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	916700	20.00	ng	0.00
76) Chrysene-d12	21.14	240	706718	20.00	ng	0.00
86) Perylene-d12	23.37	264	770142	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	793677	68.45	ng	0.00
7) Phenol-d6	6.84	99	960678	66.10	ng	0.00
23) Nitrobenzene-d5	8.79	82	590344	52.76	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	453216	71.00	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	1625469	50.43	ng	0.00
79) Terphenyl-d14	19.62	244	1822094	56.73	ng	0.00
Target Compounds						
32) Benzoic acid	9.96	122	54	9.003	ng	85
50) Dimethylphthalate	13.75	163	371098	10.310	ng	99
54) 2,4-Dinitrophenol	14.42	184	11	7.757	ng	# 1
78) Pyrene	19.42	202	103482	2.256	ng	97

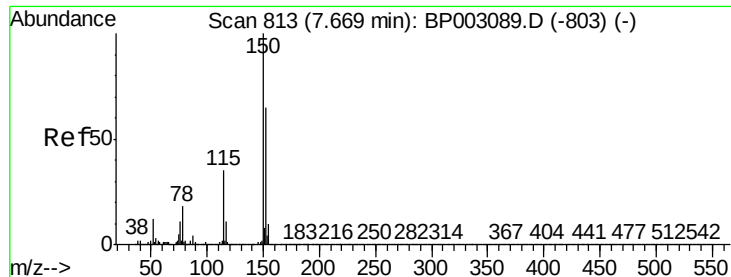
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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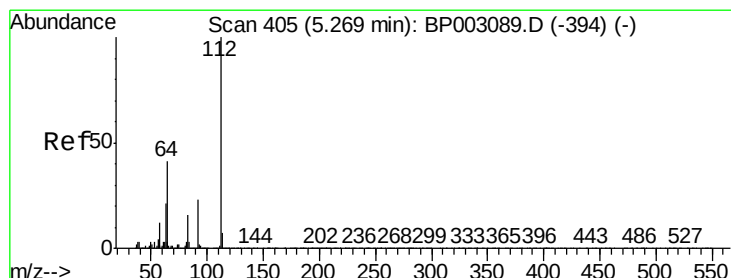
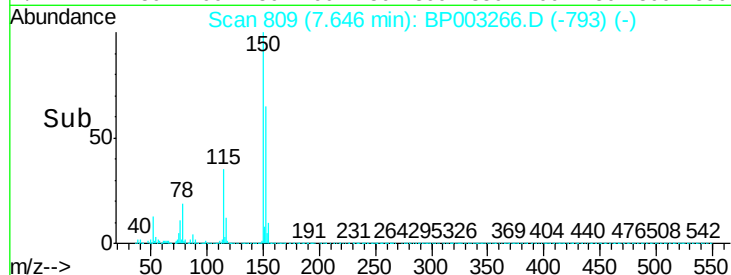
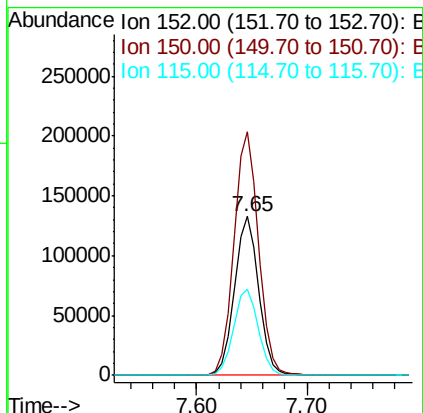
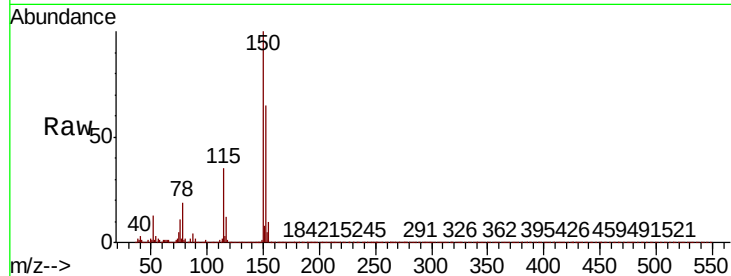


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 809
Delta R.T. -0.01 min
Lab File: BP003266.D
Acq: 11 Sep 2020 18:25

Instrument :
BNA_P
ClientSampled :
S-1

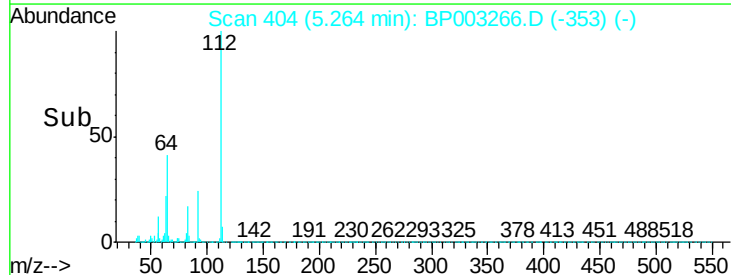
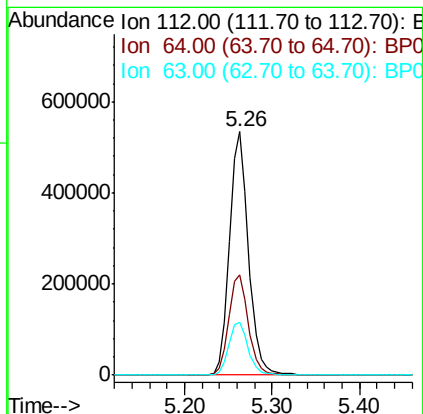
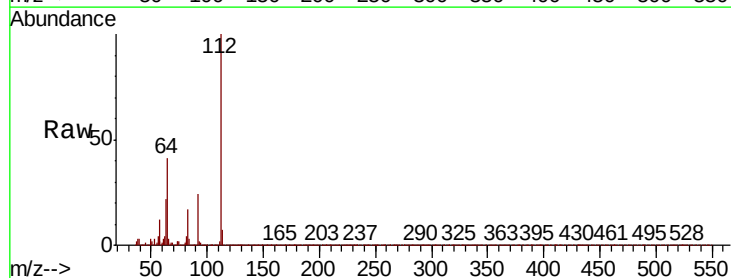
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	123.8	185.6
115	54.3	43.8	65.6

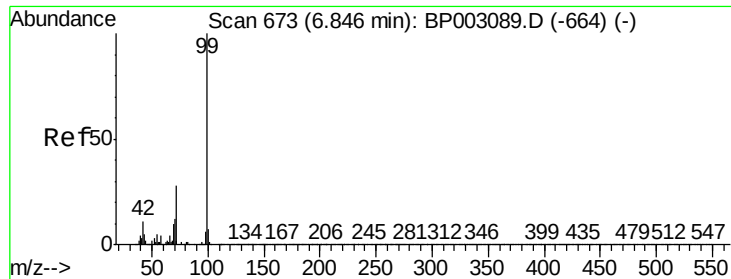


#5

2-Fluorophenol
Concen: 68.453 ng
RT: 5.26 min Scan# 404
Delta R.T. -0.00 min
Lab File: BP003266.D
Acq: 11 Sep 2020 18:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.4	32.8	49.2
63	21.6	17.0	25.4





#7

Phenol-d6

Concen: 66.096 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003266.D

Acq: 11 Sep 2020 18:25

Instrument :

BNA_P

ClientSampleId :

S-1

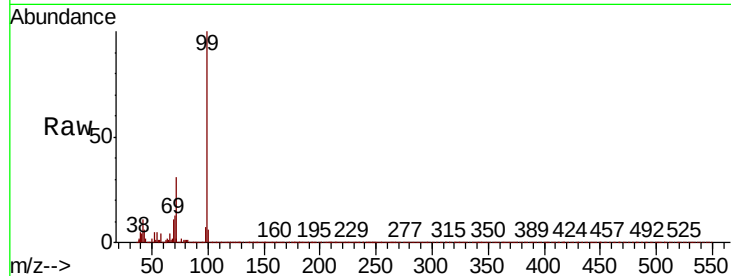
Tot Ion: 99 Resp: 960678

Ion Ratio Lower Upper

99 100

42 11.5 8.6 13.0

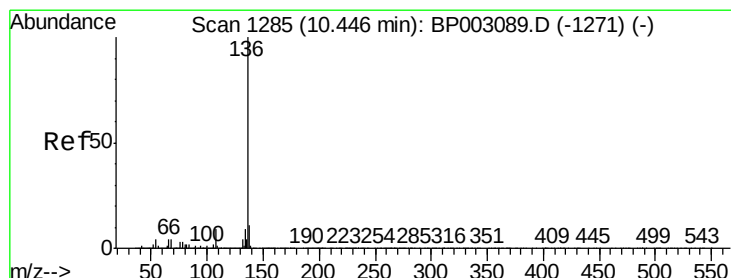
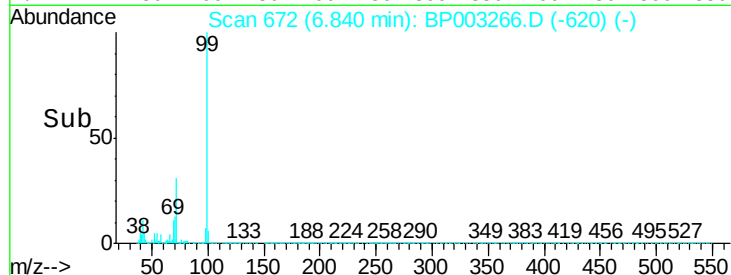
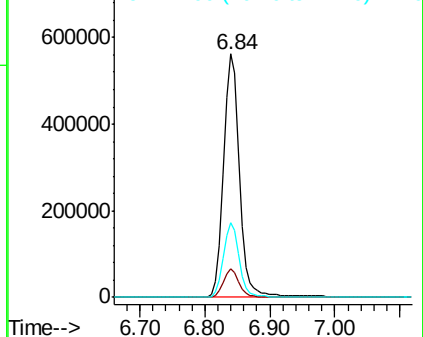
71 30.9 23.4 35.2



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: BP003266.D

Acq: 11 Sep 2020 18:25

Tgt Ion: 136 Resp: 806593

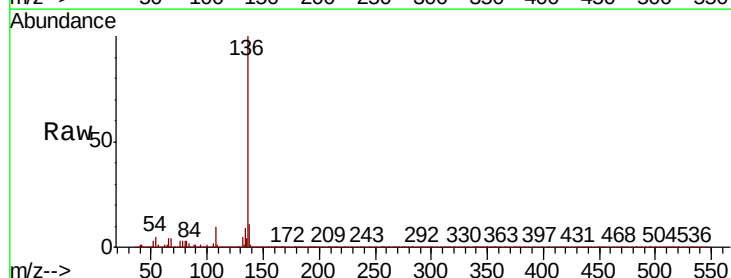
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 4.6 3.6 5.4

68 4.4 3.3 4.9

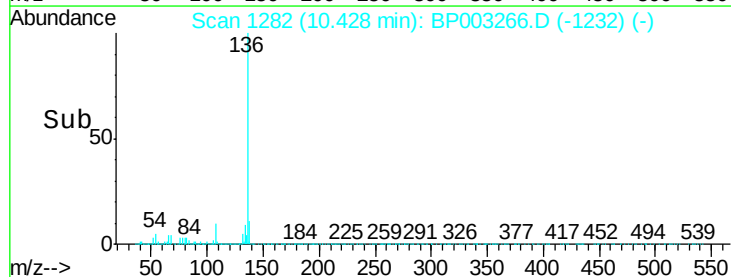
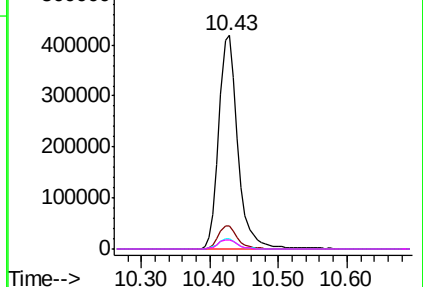


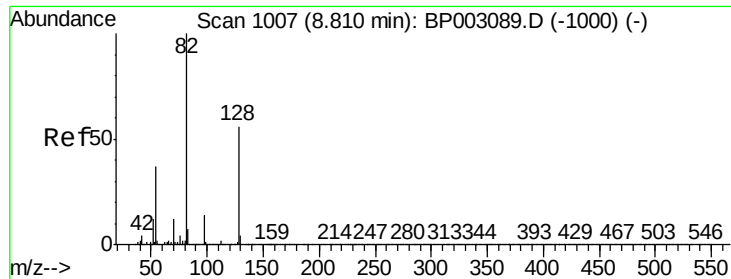
Abundance Ion 136.00 (135.70 to 136.70): E

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

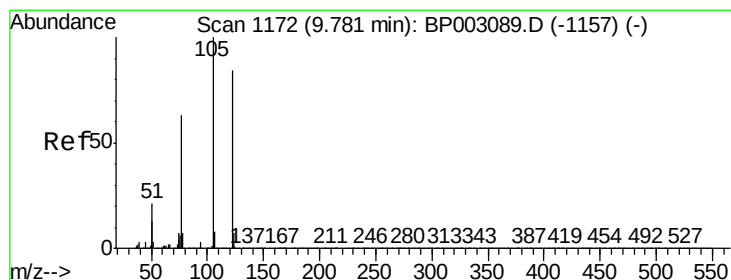
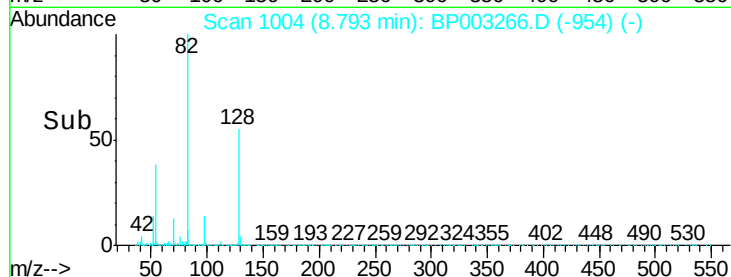
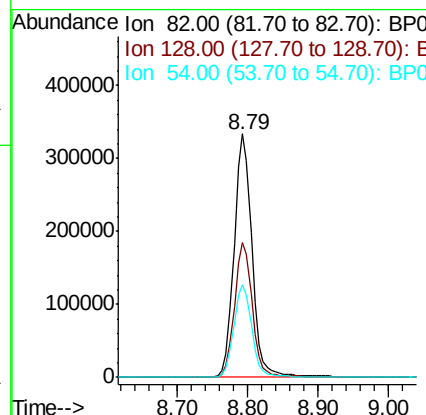
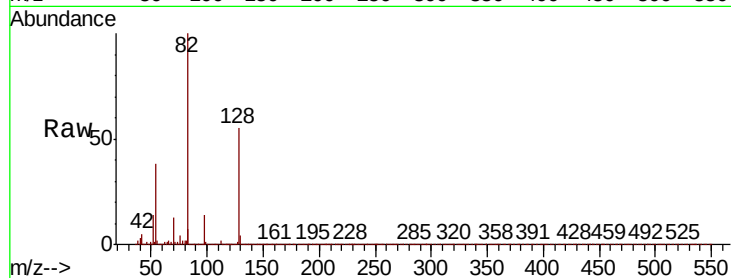




#23
Nitrobenzene-d5
Concen: 52.763 ng
RT: 8.79 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BP003266.D
Acq: 11 Sep 2020 18:25

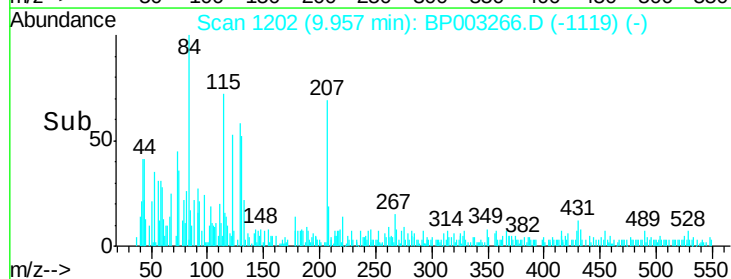
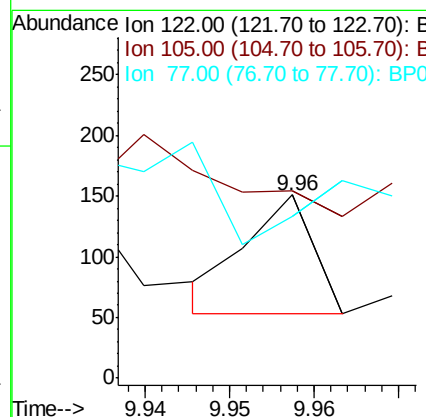
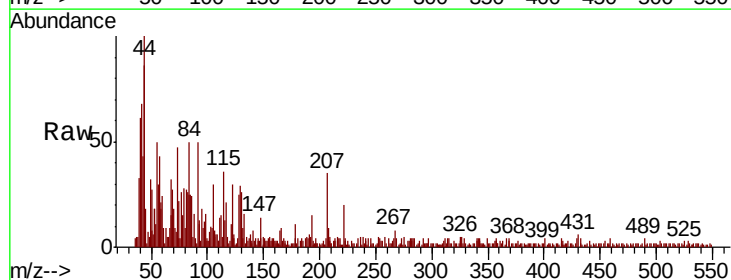
Instrument :
BNA_P
ClientSampled :
S-1

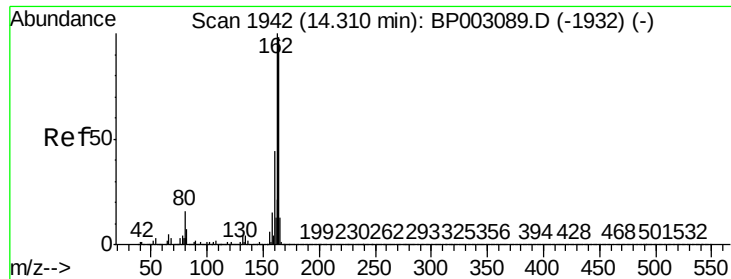
Tot Ion	82	Resp	590344
Ion Ratio	Lower	Upper	
82	100		
128	55.3	45.6	68.4
54	38.1	30.1	45.1



#32
Benzoic acid
Concen: 9.003 ng
RT: 9.96 min Scan# 1202
Delta R.T. 0.19 min
Lab File: BP003266.D
Acq: 11 Sep 2020 18:25

Tgt Ion	122	Resp	54
Ion Ratio	Lower	Upper	
122	100		
105	102.0	94.1	134.1
77	88.1	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: BP003266.D

Acq: 11 Sep 2020 18:25

Instrument :

BNA_P

ClientSampleId :

S-1

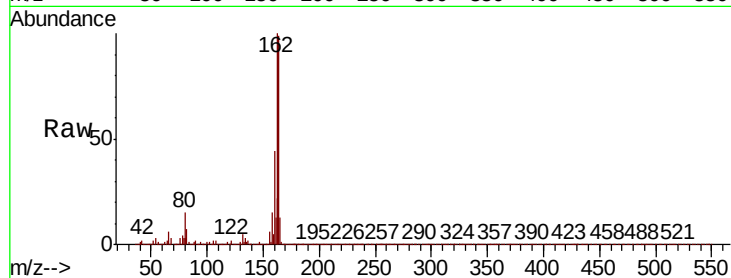
Tot Ion:164 Resp: 471985

Ion Ratio Lower Upper

164 100

162 101.4 79.4 119.2

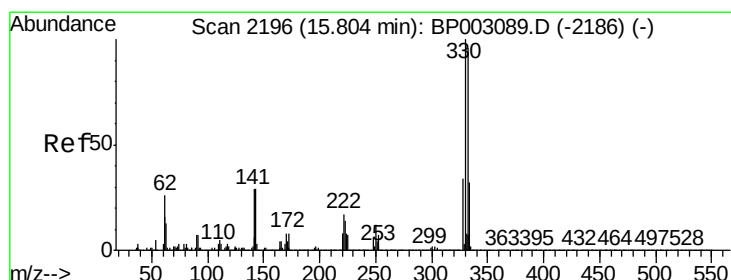
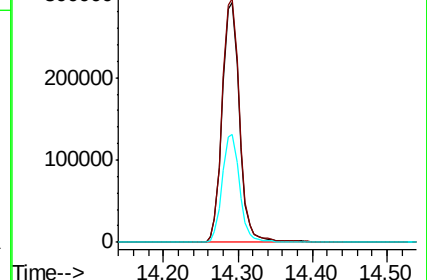
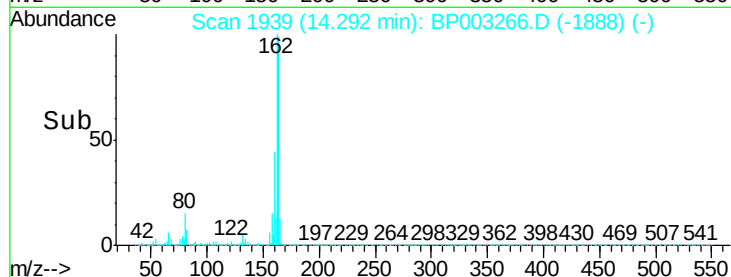
160 45.1 36.1 54.1



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: 70.998 ng

RT: 15.79 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BP003266.D

Acq: 11 Sep 2020 18:25

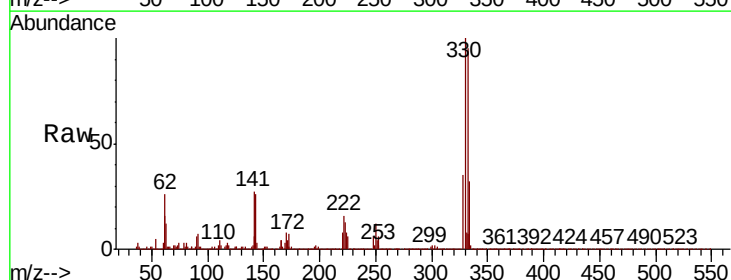
Tgt Ion:330 Resp: 453216

Ion Ratio Lower Upper

330 100

332 94.8 77.1 115.7

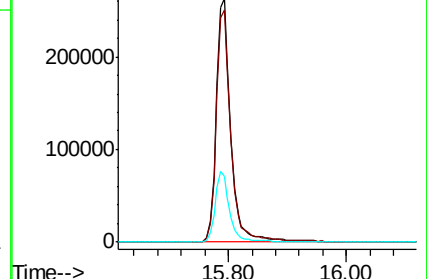
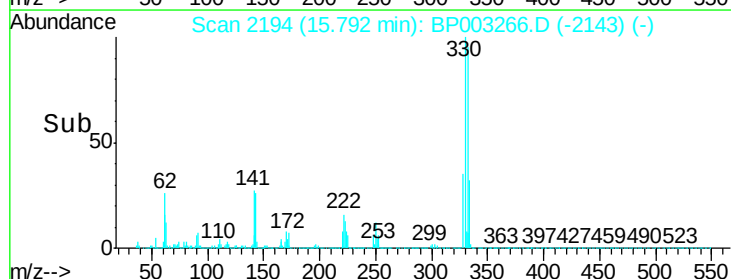
141 29.1 23.4 35.2

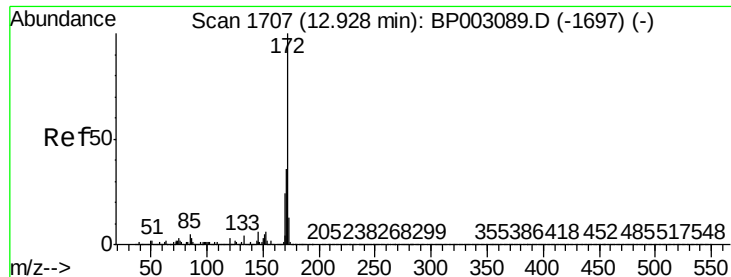


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

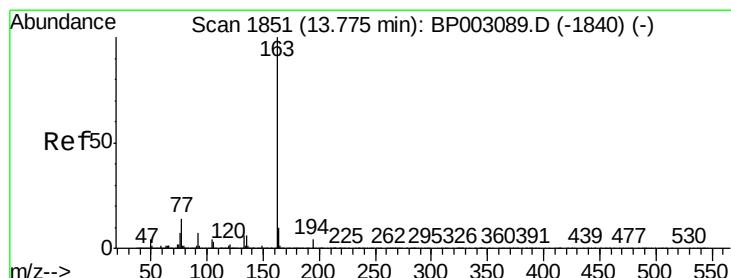
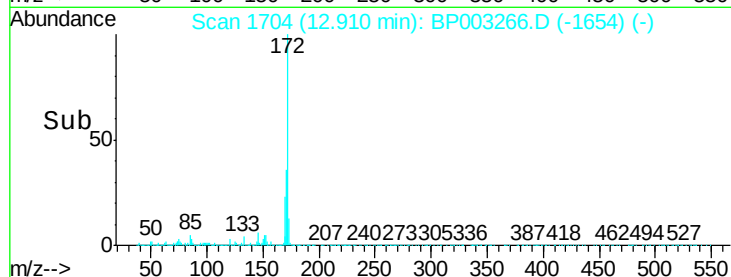
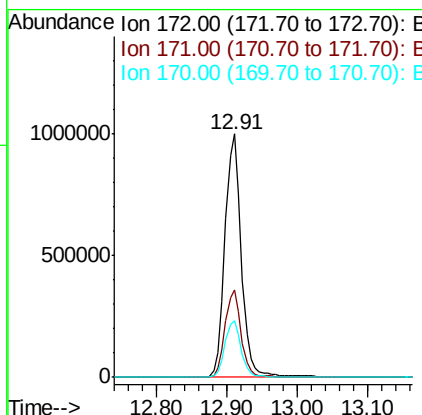
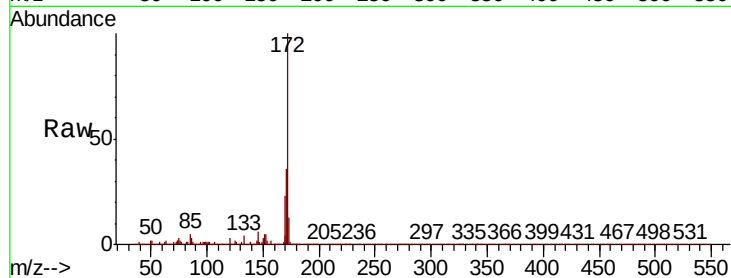




#45
2-Fluorobiphenyl
Concen: 50.434 ng
RT: 12.91 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BP003266.D
Acq: 11 Sep 2020 18:25

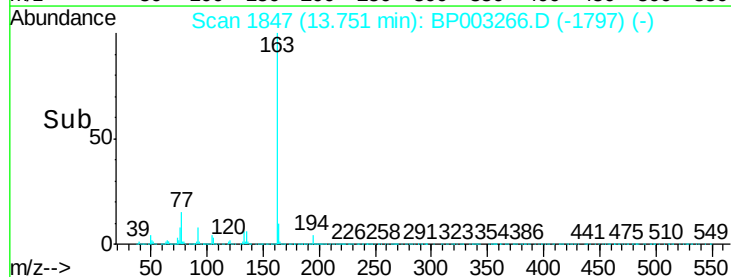
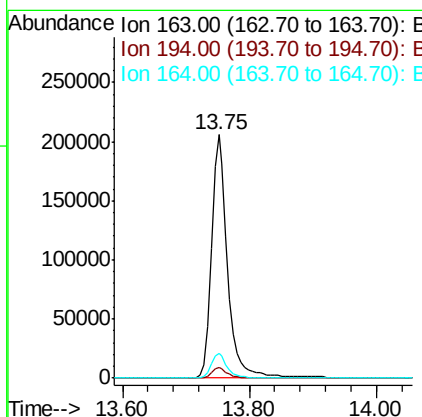
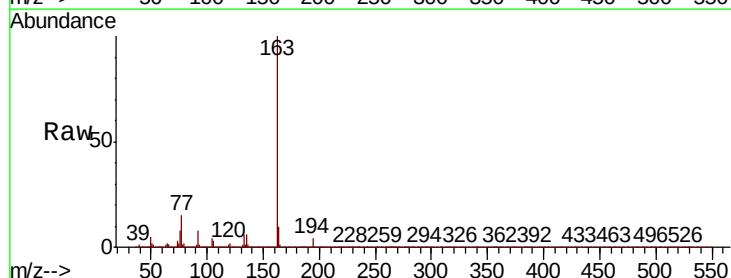
Instrument :
BNA_P
ClientSampleId :
S-1

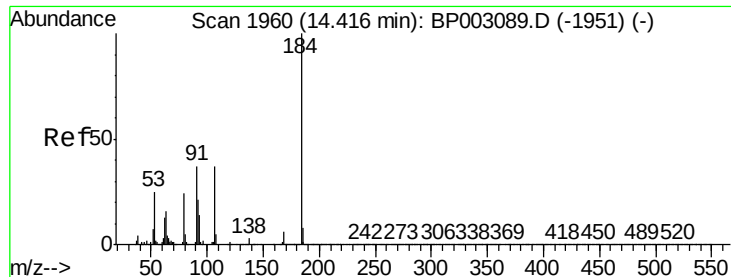
Tot Ion:172 Resp: 1625469
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.3 19.2 28.8



#50
Dimethylphthalate
Concen: 10.310 ng
RT: 13.75 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BP003266.D
Acq: 11 Sep 2020 18:25

Tgt Ion:163 Resp: 371098
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.0 8.2 12.2

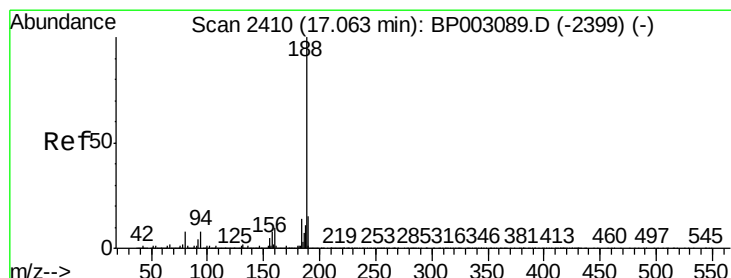
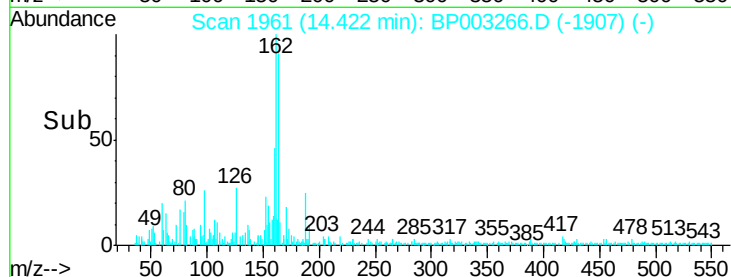
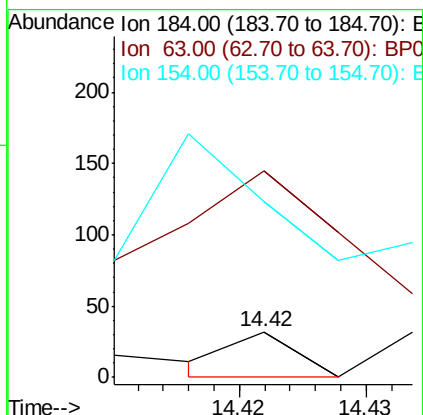
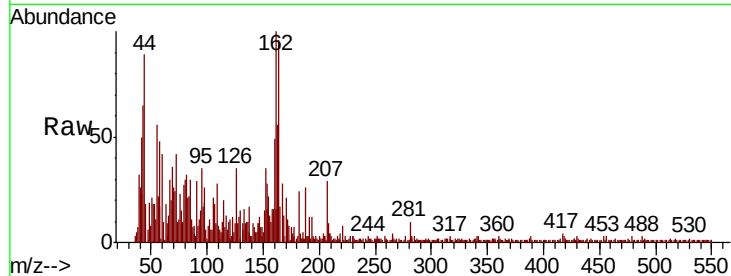




#54
2,4-Dinitrophenol
Concen: 7.757 ng
RT: 14.42 min Scan# 1961
Delta R.T. 0.02 min
Lab File: BP003266.D
Acq: 11 Sep 2020 18:25

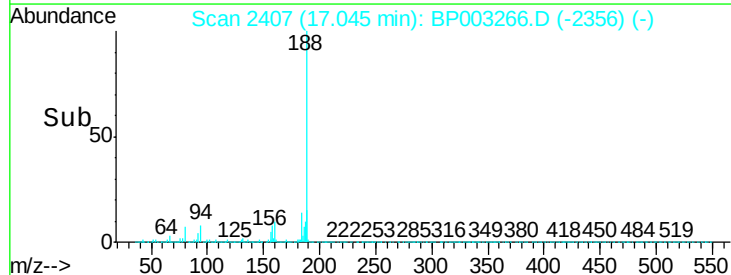
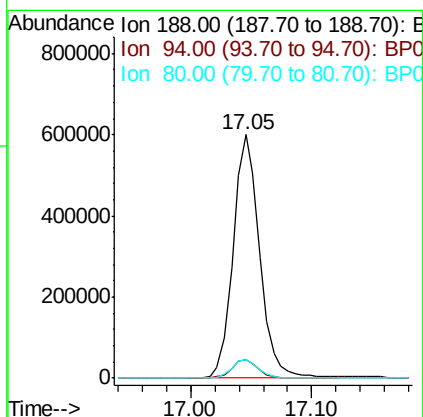
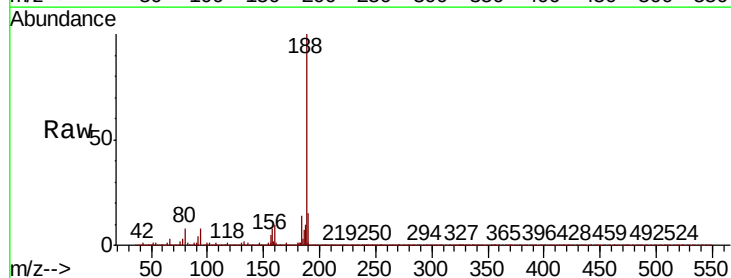
Instrument :
BNA_P
ClientSampled :
S-1

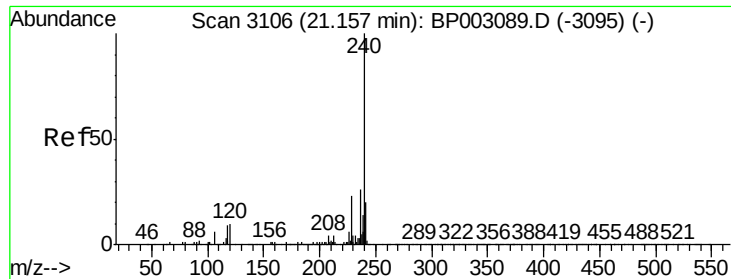
Tot Ion:184 Resp: 11
Ion Ratio Lower Upper
184 100
63 453.1 32.3 48.5#
154 384.4 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BP003266.D
Acq: 11 Sep 2020 18:25

Tgt Ion:188 Resp: 916700
Ion Ratio Lower Upper
188 100
94 7.7 6.2 9.2
80 7.5 6.2 9.2

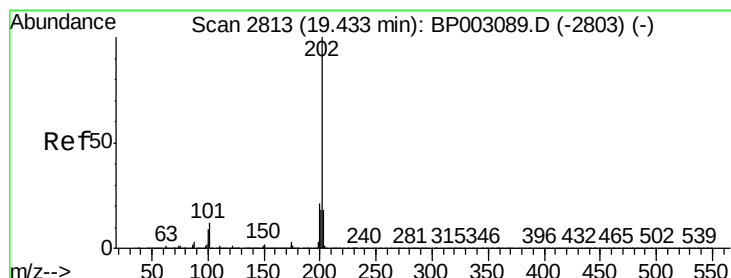
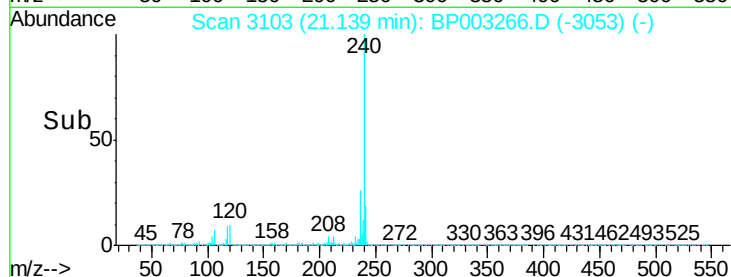
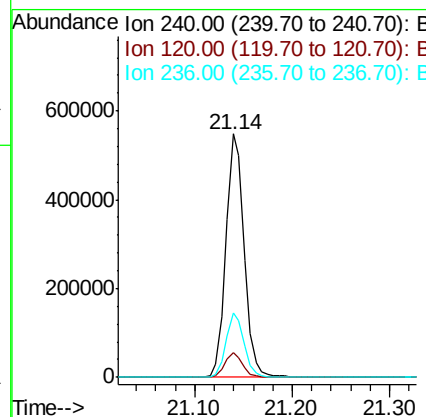
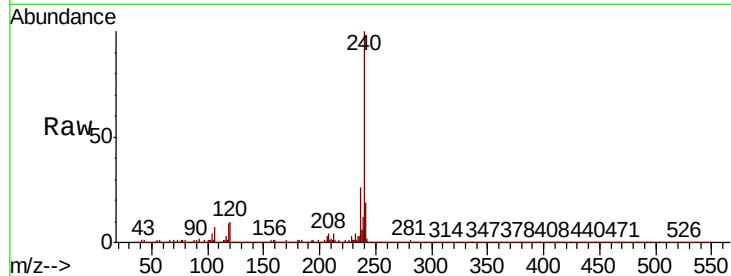




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BP003266.D
Acq: 11 Sep 2020 18:25

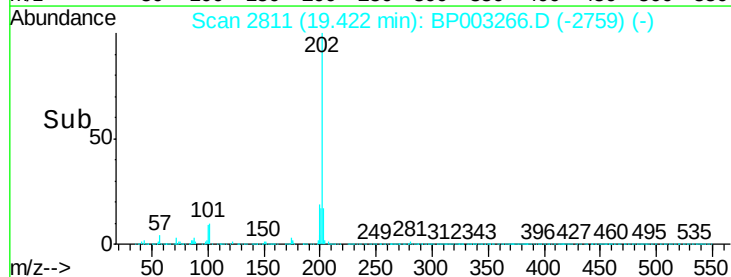
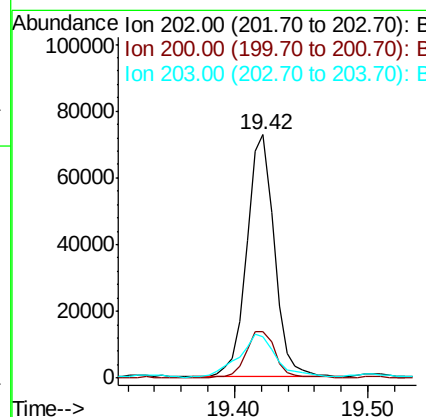
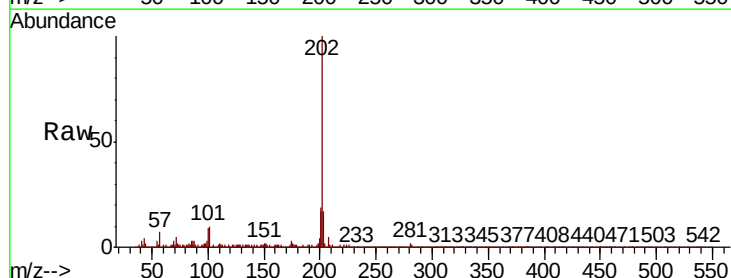
Instrument :
BNA_P
ClientSampleId :
S-1

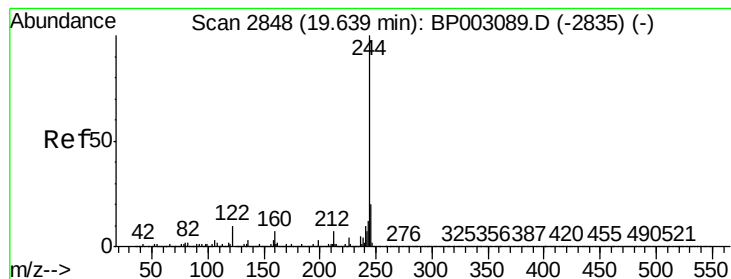
Tot Ion:240 Resp: 706718
Ion Ratio Lower Upper
240 100
120 10.3 7.8 11.6
236 26.3 20.8 31.2



#78
Pyrene
Concen: 2.256 ng
RT: 19.42 min Scan# 2811
Delta R.T. 0.01 min
Lab File: BP003266.D
Acq: 11 Sep 2020 18:25

Tgt Ion:202 Resp: 103482
Ion Ratio Lower Upper
202 100
200 19.4 17.1 25.7
203 17.0 14.2 21.2





#79

Terphenyl-d14

Concen: 56.732 ng

RT: 19.62 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BP003266.D

Acq: 11 Sep 2020 18:25

Instrument :

BNA_P

ClientSampleId :

S-1

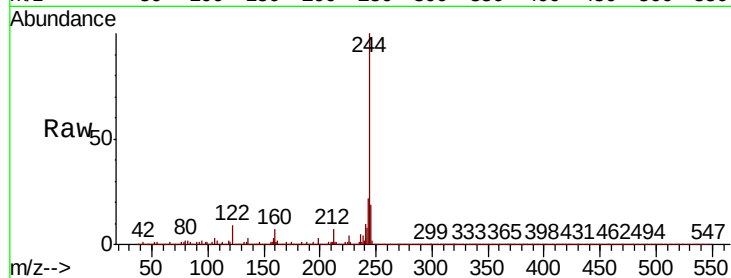
Tot Ion:244 Resp: 1822094

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

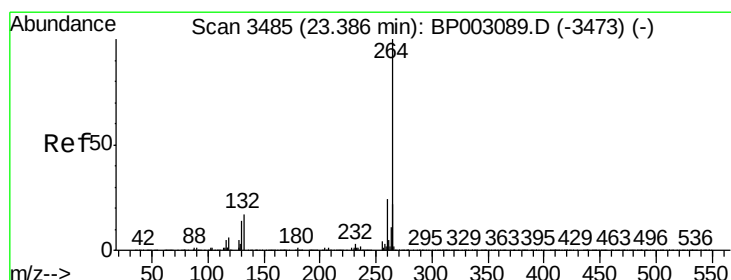
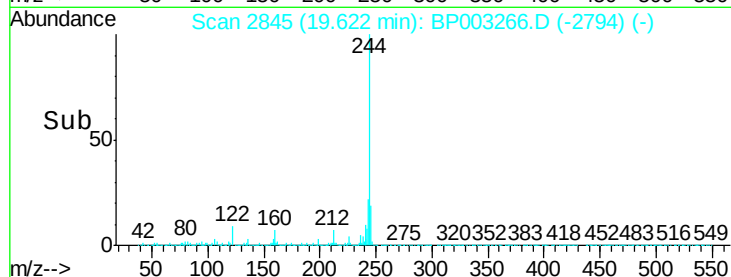
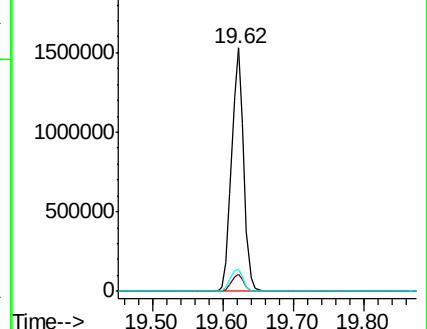
122 9.3 7.8 11.8



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# 3483

Delta R.T. 0.01 min

Lab File: BP003266.D

Acq: 11 Sep 2020 18:25

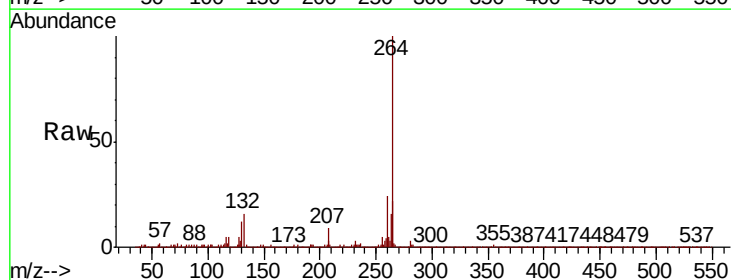
Tgt Ion:264 Resp: 770142

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 22.0 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

