

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090920\
 Data File : BP003240.D
 Acq On : 09 Sep 2020 14:46
 Operator : CG/JU
 Sample : L3931-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-1-2

Quant Time: Sep 09 15:20:23 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

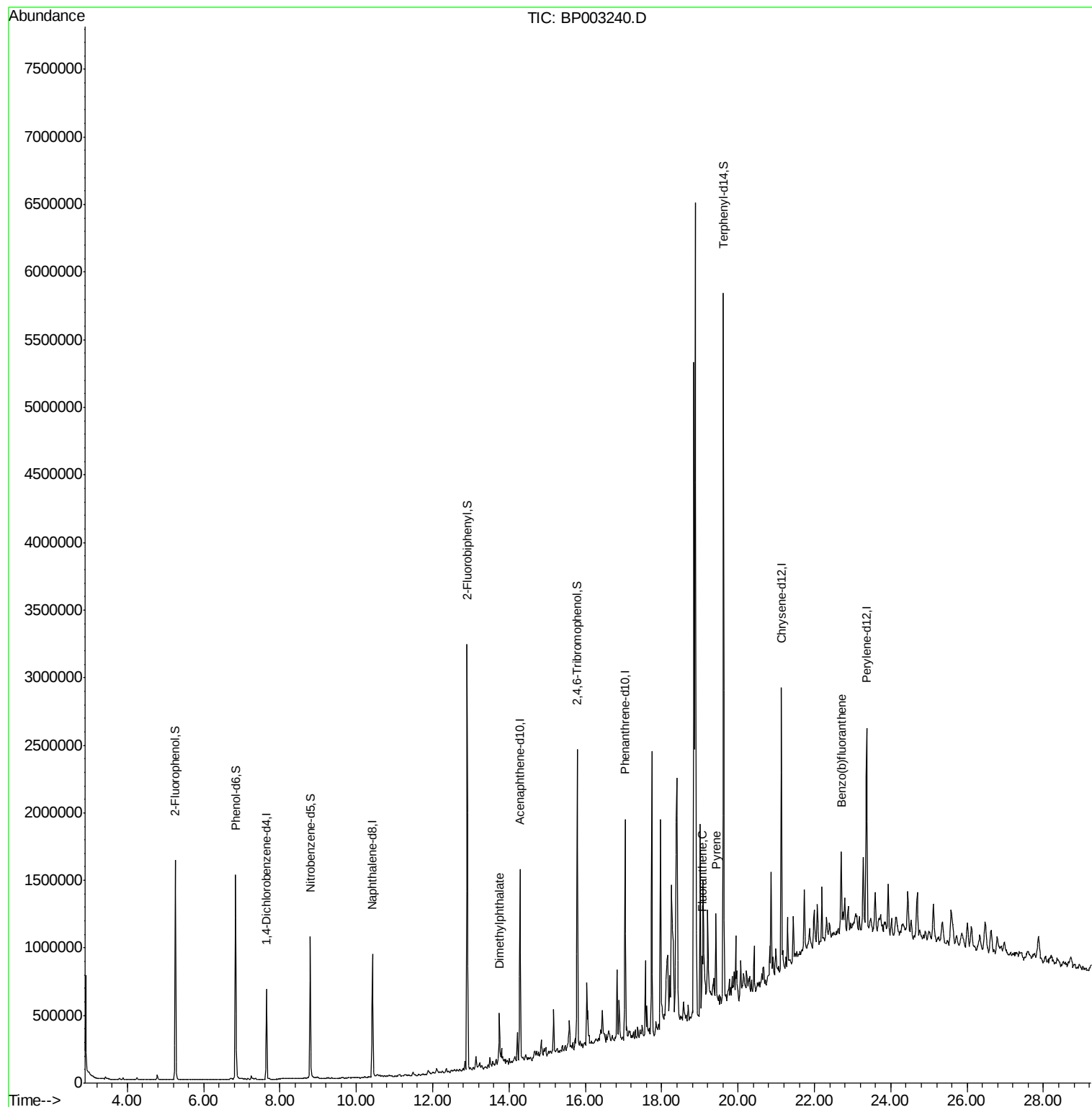
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	204423	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	829736	20.00	ng	-0.01
39) Acenaphthene-d10	14.29	164	495439	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	988975	20.00	ng	0.00
76) Chrysene-d12	21.13	240	971753	20.00	ng	-0.01
86) Perylene-d12	23.37	264	1026936	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	838687	72.54	ng	0.00
7) Phenol-d6	6.83	99	1039571	71.72	ng	0.00
23) Nitrobenzene-d5	8.79	82	622384	54.08	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	505528	75.44	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	1764069	52.14	ng	-0.01
79) Terphenyl-d14	19.62	244	2260746	51.19	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.75	163	251619	6.660	ng	99
75) Fluoranthene	19.06	202	127810	2.064	ng	97
78) Pyrene	19.41	202	160343	2.542	ng	98
88) Benzo(b)fluoranthene	22.70	252	136673	2.141	ng	# 64

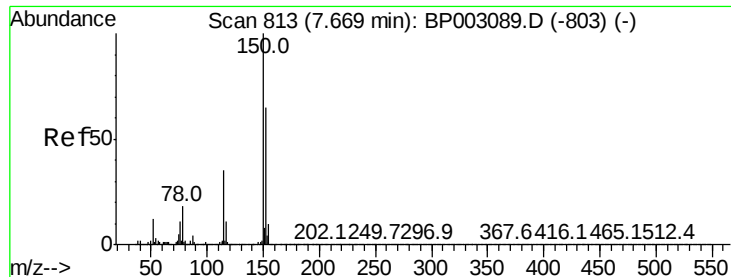
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 01 14:37:05 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.65 min Scan# 809

Delta R.T. -0.01 min

Lab File: BP003240.D

Acq: 09 Sep 2020 14:46

Instrument :

BNA_P

ClientSampleId :

SP-1-2

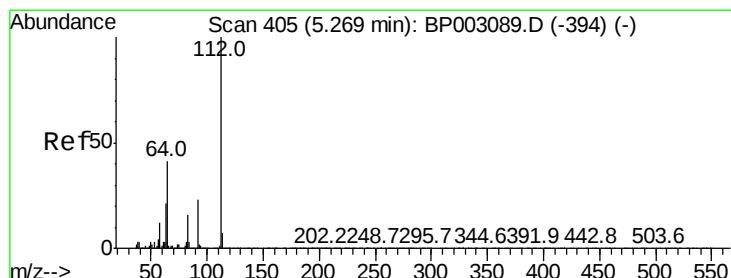
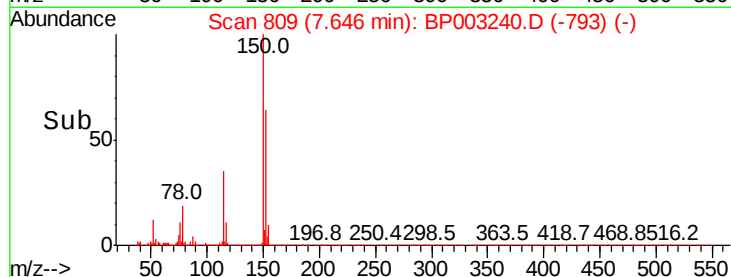
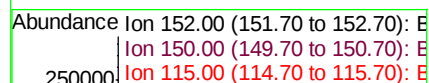
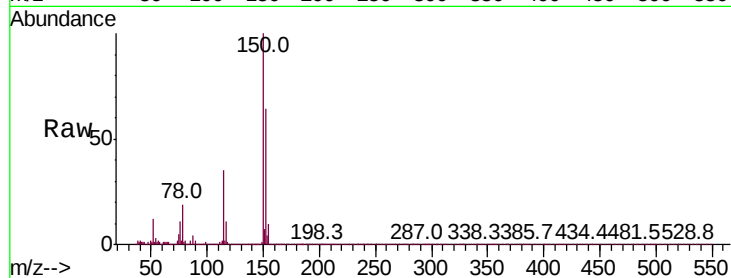
Tot Ion:152 Resp: 204423

Ion Ratio Lower Upper

152 100

150 156.9 123.8 185.6

115 54.3 43.8 65.6



#5

2-Fluorophenol

Concen: 72.537 ng

RT: 5.26 min Scan# 403

Delta R.T. -0.01 min

Lab File: BP003240.D

Acq: 09 Sep 2020 14:46

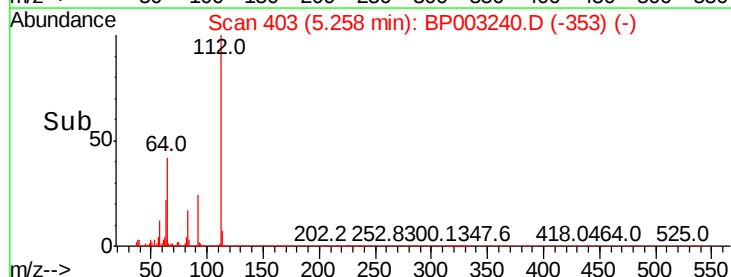
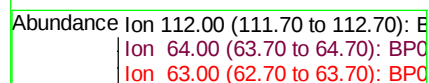
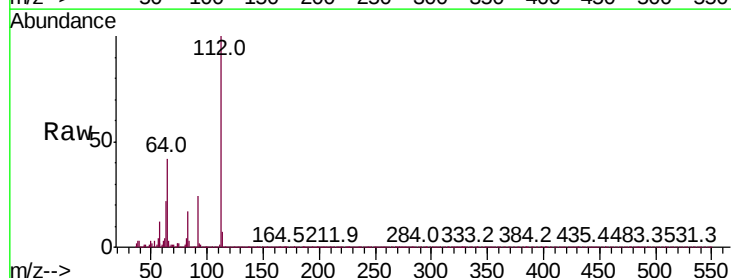
Tgt Ion:112 Resp: 838687

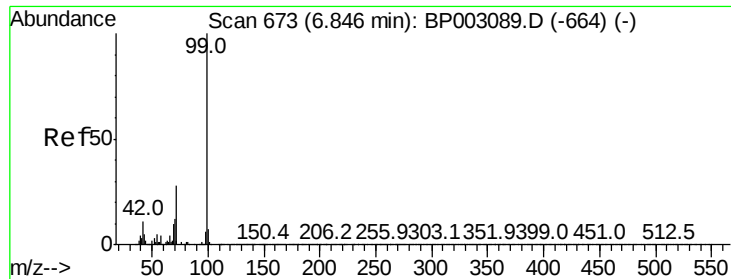
Ion Ratio Lower Upper

112 100

64 41.9 32.8 49.2

63 22.4 17.0 25.4





#7

Phenol-d6

Concen: 71.724 ng

RT: 6.83 min Scan# 671

Delta R.T. -0.00 min

Lab File: BP003240.D

Acq: 09 Sep 2020 14:46

Instrument :

BNA_P

ClientSampleId :

SP-1-2

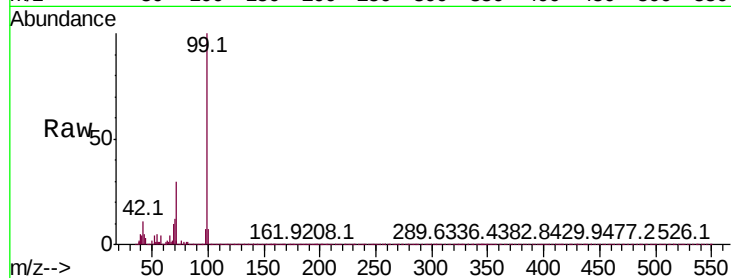
Tot Ion: 99 Resp: 1039571

Ion Ratio Lower Upper

99 100

42 11.5 8.6 13.0

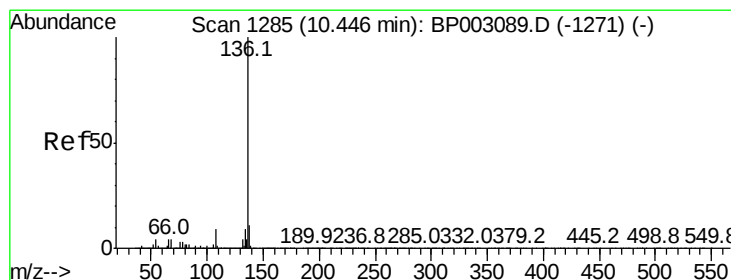
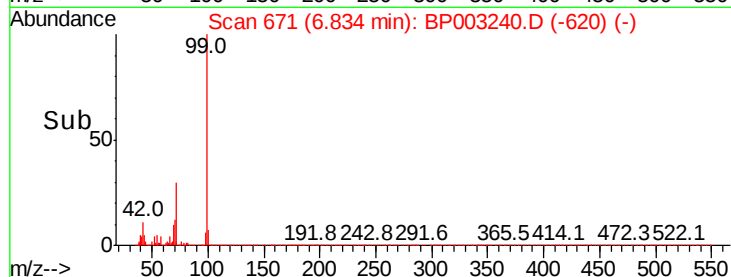
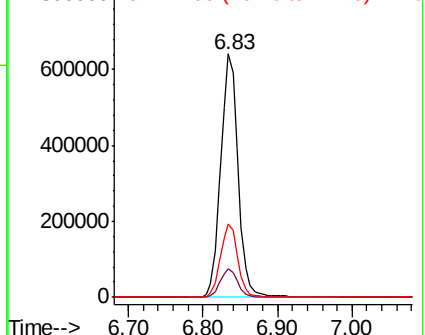
71 30.0 23.4 35.2



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: 10.42 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BP003240.D

Acq: 09 Sep 2020 14:46

Tgt Ion: 136 Resp: 829736

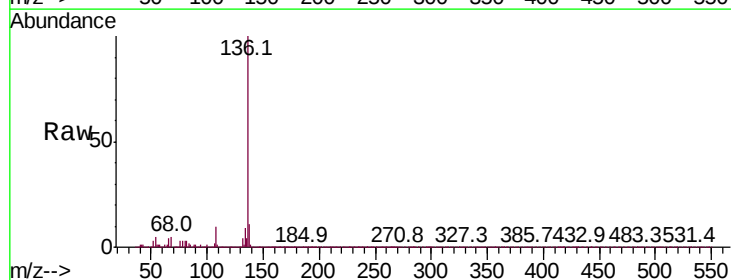
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 4.7 3.6 5.4

68 4.6 3.3 4.9

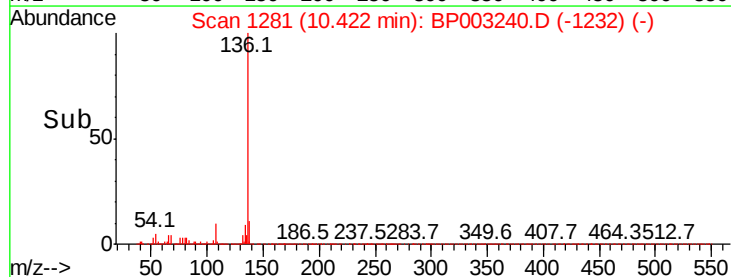
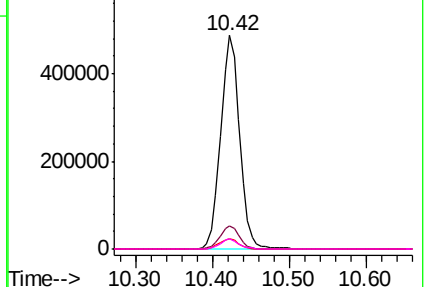


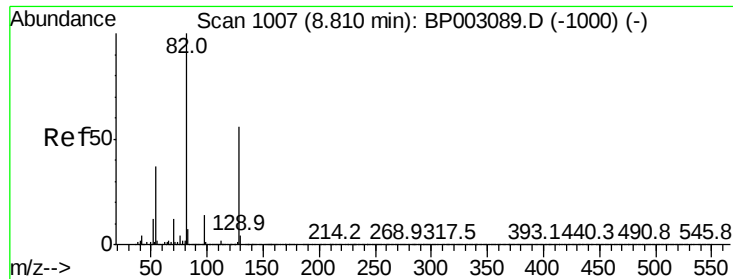
Abundance Ion 136.00 (135.70 to 136.70): E

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

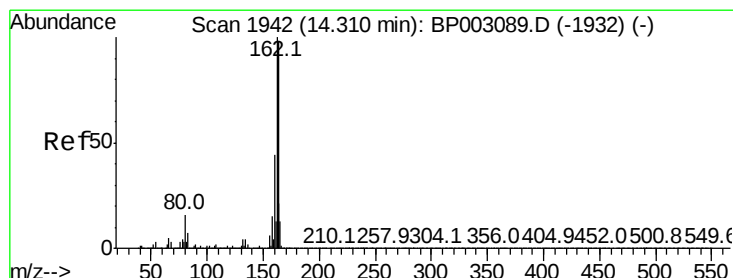
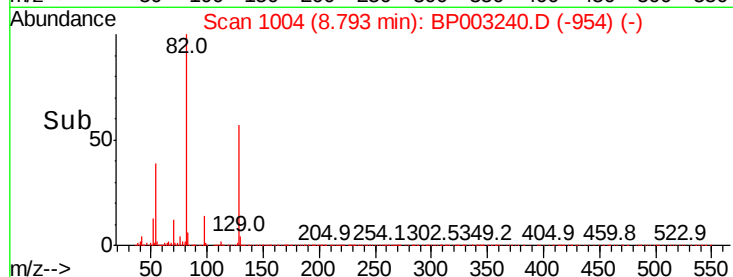
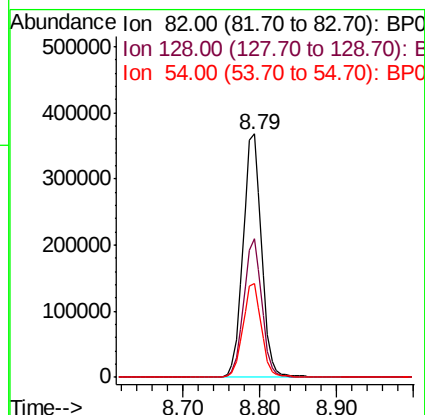
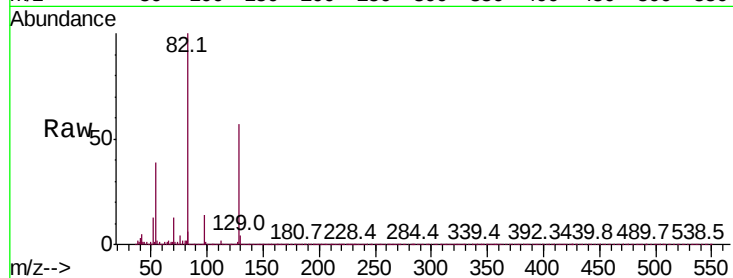




#23
Nitrobenzene-d5
Concen: 54.075 ng
RT: 8.79 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BP003240.D
Acq: 09 Sep 2020 14:46

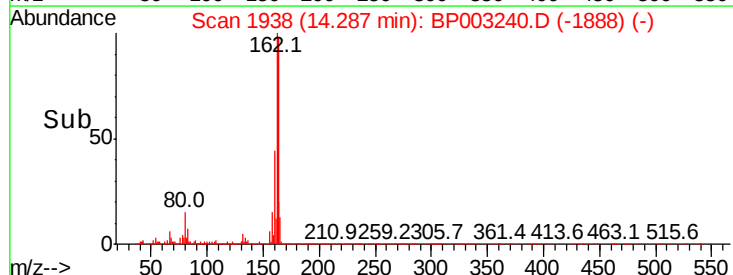
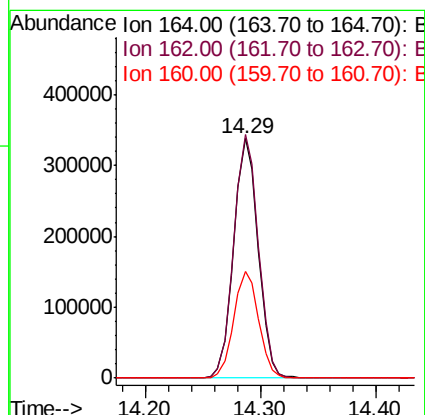
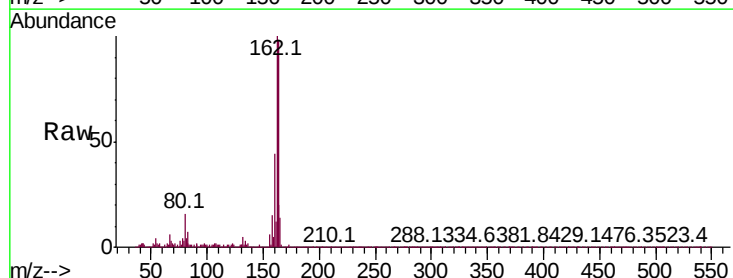
Instrument :
BNA_P
ClientSampleId :
SP-1-2

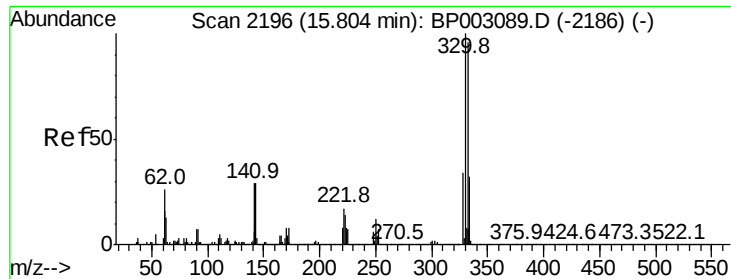
Tot Ion	82	Resp	622384
Ion Ratio	100	Lower	Upper
128	56.9	45.6	68.4
54	38.6	30.1	45.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BP003240.D
Acq: 09 Sep 2020 14:46

Tgt Ion	164	Resp	495439
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	101.6	79.4	119.2
160	44.4	36.1	54.1

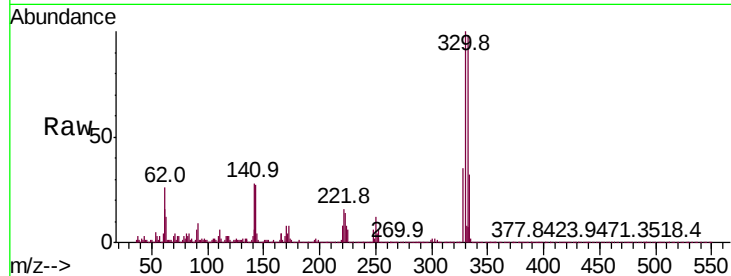




#42
2,4,6-Tribromophenol
Concen: 75.444 ng
RT: 15.79 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BP003240.D
Acq: 09 Sep 2020 14:46

Instrument :
BNA_P
ClientSampleId :
SP-1-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	28.7	23.4	35.2

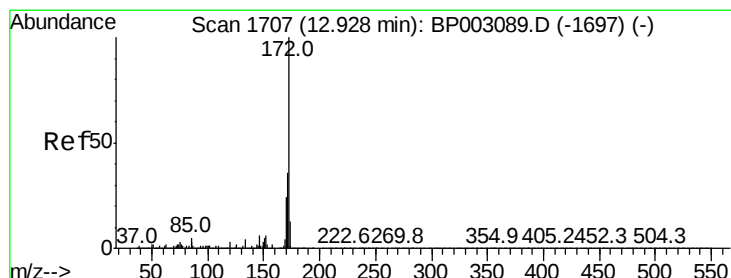
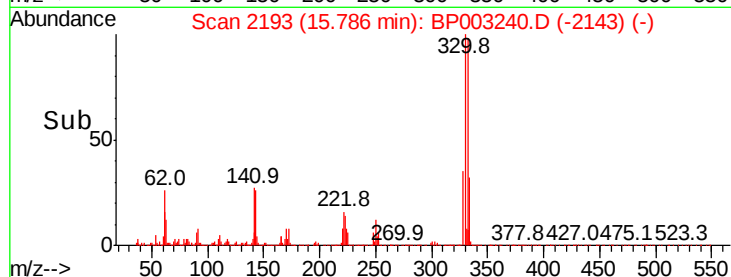
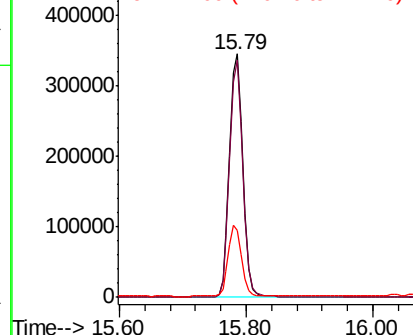


Abundance

Ion 329.80 (329.50 to 330.50): E

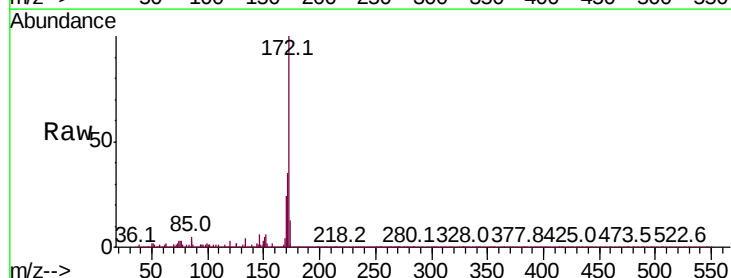
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 52.144 ng
RT: 12.90 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BP003240.D
Acq: 09 Sep 2020 14:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	23.6	19.2	28.8

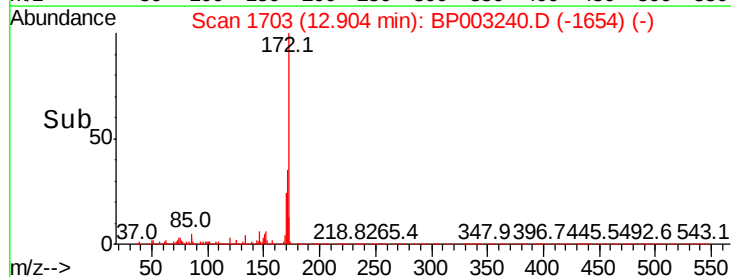
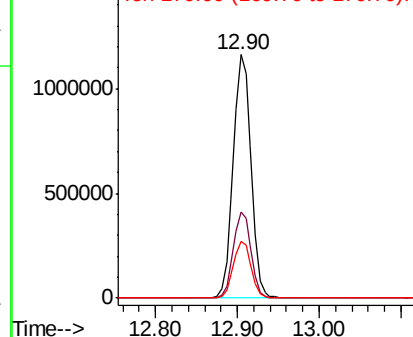


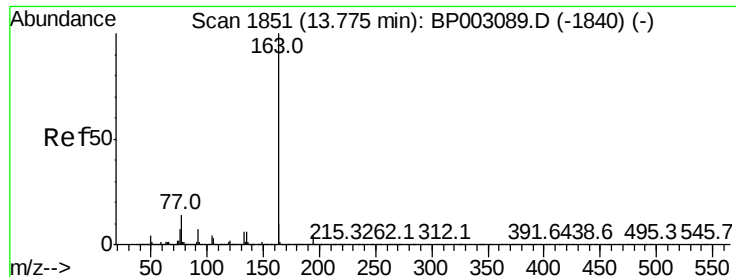
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

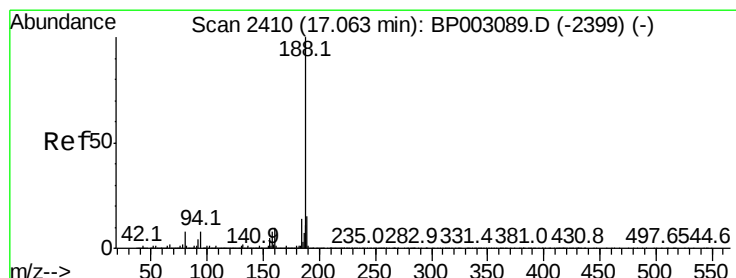
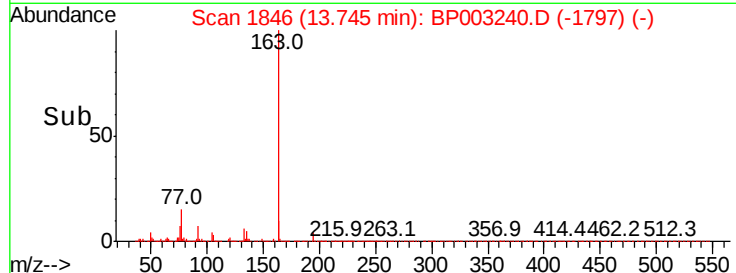
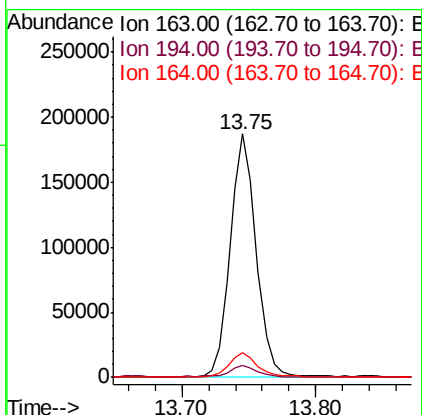
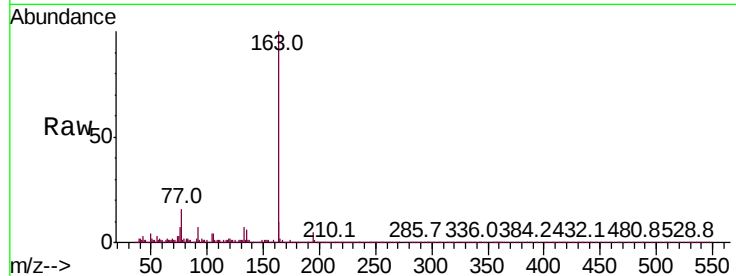




#50
Dimethylphthalate
Concen: 6.660 ng
RT: 13.75 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BP003240.D
Acq: 09 Sep 2020 14:46

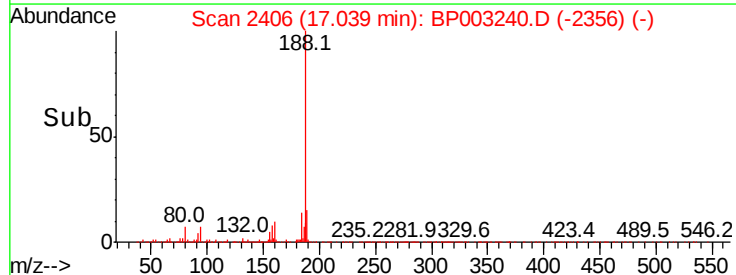
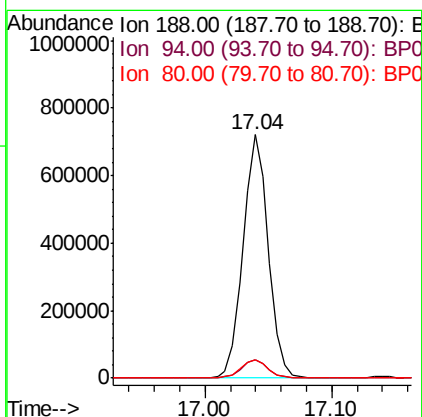
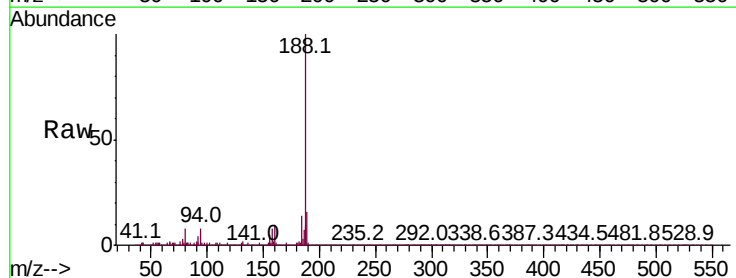
Instrument :
BNA_P
ClientSampled :
SP-1-2

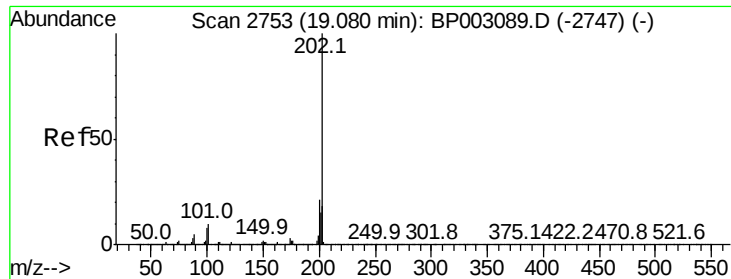
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.3	4.9
164	10.4	8.2	12.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BP003240.D
Acq: 09 Sep 2020 14:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.2	9.2
80	7.5	6.2	9.2





#75

Fluoranthene

Concen: 2.064 ng

RT: 19.06 min Scan# 2750

Delta R.T. -0.01 min

Lab File: BP003240.D

Acq: 09 Sep 2020 14:46

Instrument :

BNA_P

ClientSampleId :

SP-1-2

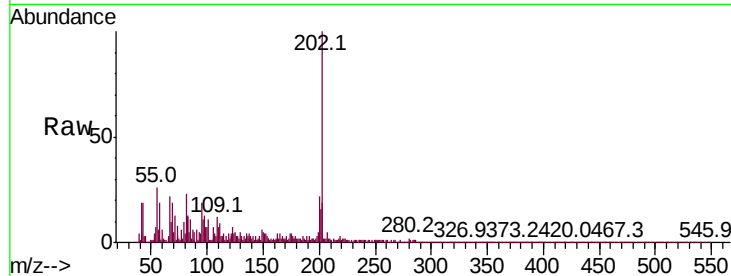
Tot Ion:202 Resp: 127810

Ion Ratio Lower Upper

202 100

101 10.8 0.0 29.4

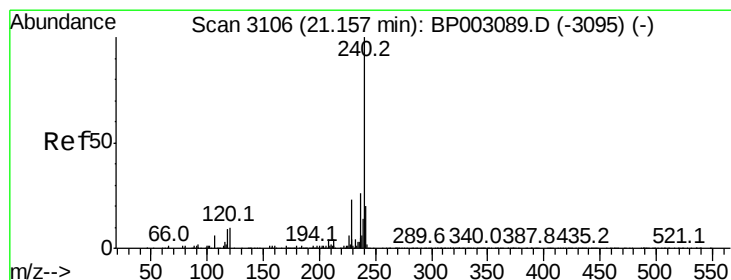
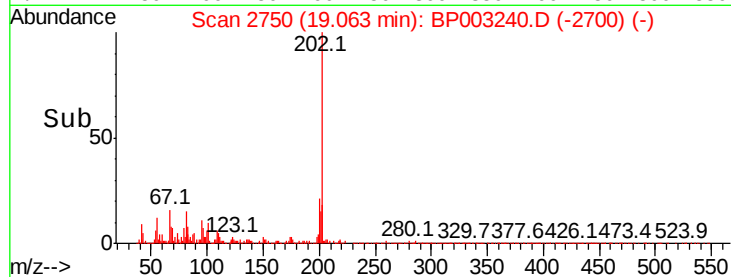
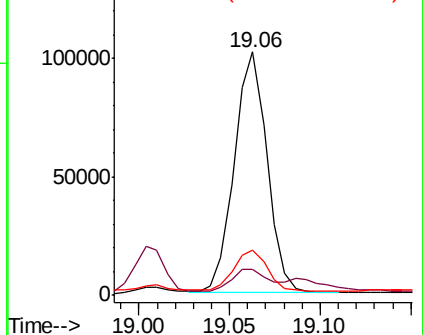
203 18.8 0.0 37.8



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.13 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BP003240.D

Acq: 09 Sep 2020 14:46

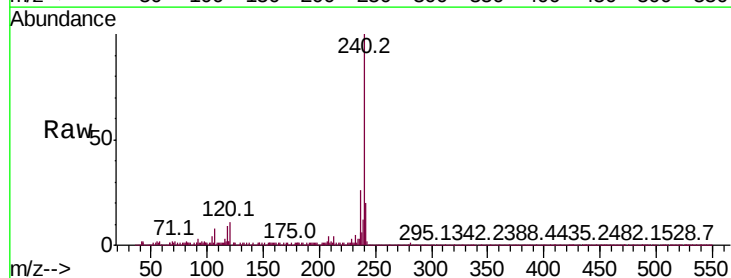
Tgt Ion:240 Resp: 971753

Ion Ratio Lower Upper

240 100

120 10.7 7.8 11.6

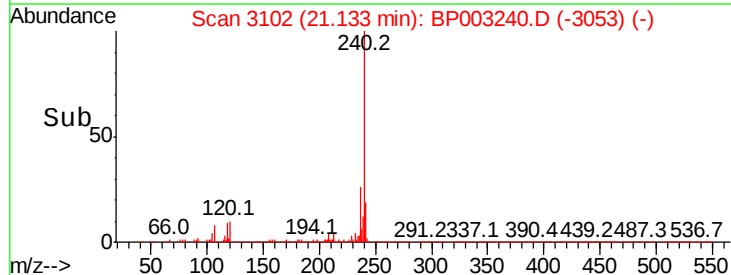
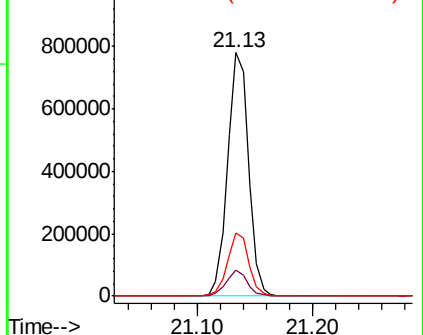
236 25.9 20.8 31.2

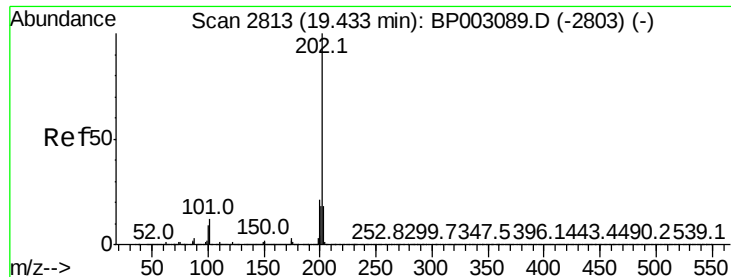


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

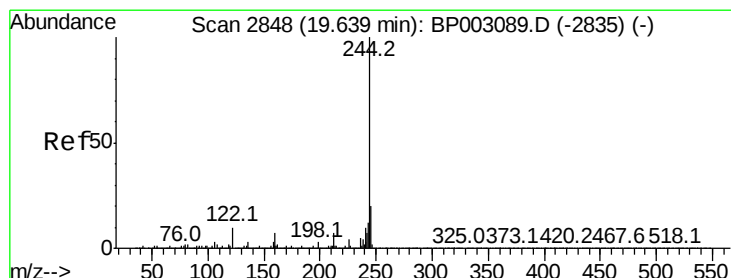
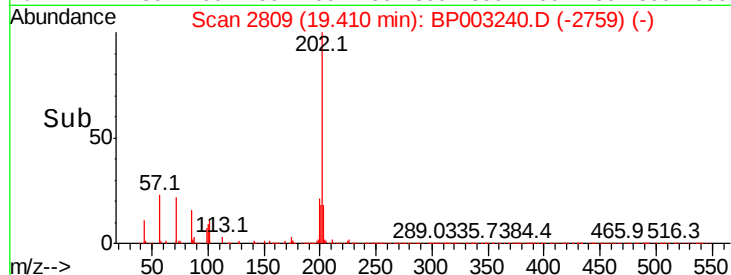
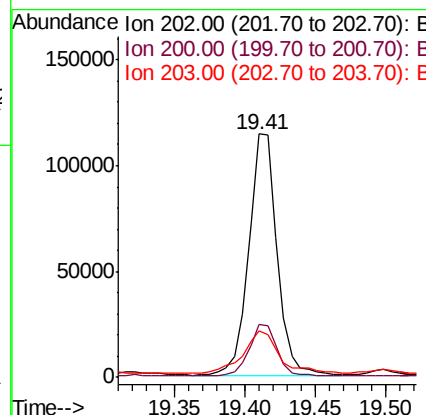
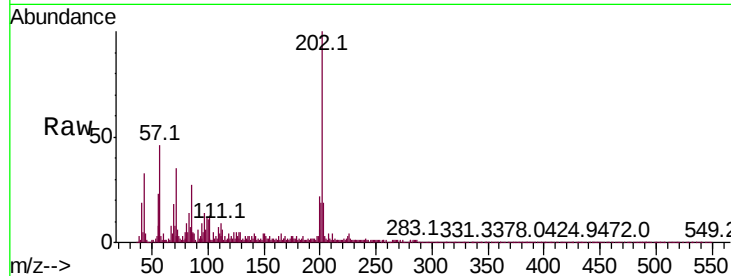




#78
Pvrene
Concen: 2.542 ng
RT: 19.41 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BP003240.D
Acq: 09 Sep 2020 14:46

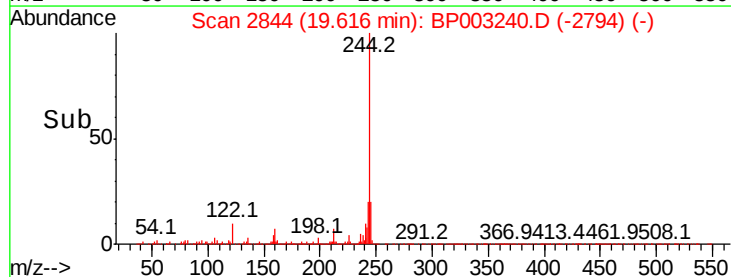
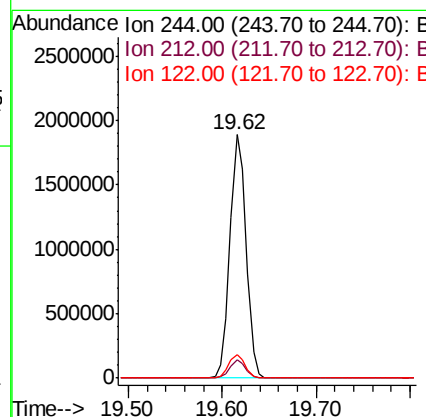
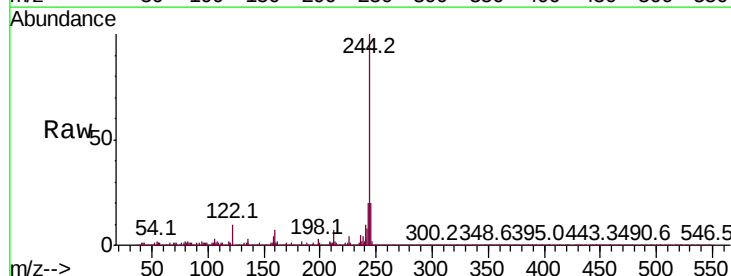
Instrument :
BNA_P
ClientSampleId :
SP-1-2

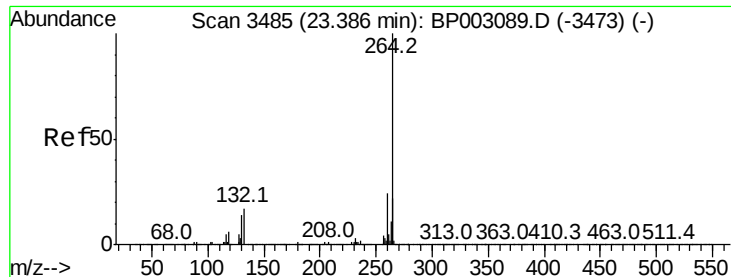
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.1	25.7
203	18.9	14.2	21.2



#79
Terphenyl-d14
Concen: 51.192 ng
RT: 19.62 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BP003240.D
Acq: 09 Sep 2020 14:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	9.7	7.8	11.8



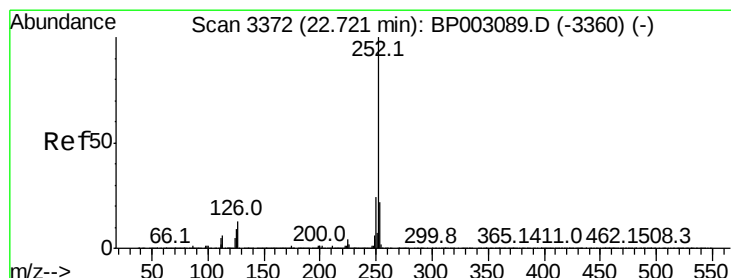
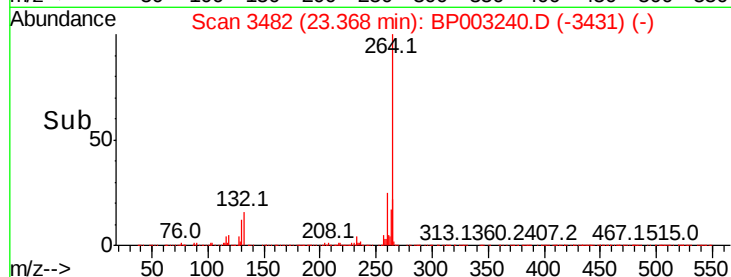
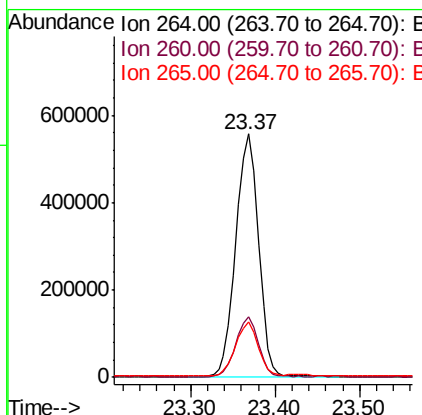
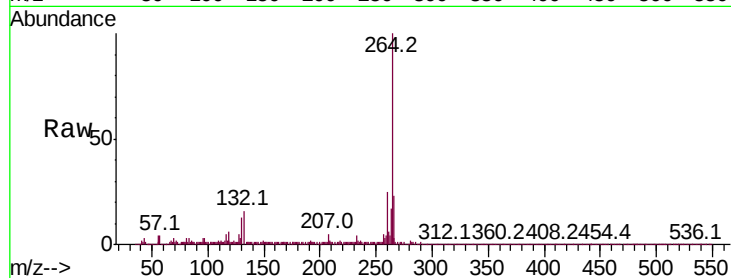


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3482
Delta R.T. -0.00 min
Lab File: BP003240.D
Acq: 09 Sep 2020 14:46

Instrument :
BNA_P
ClientSampleId :
SP-1-2

Tot Ion:264 Resp: 1026936

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.8	28.2
265	22.5	17.4	26.2



#88
Benzo(b)fluoranthene
Concen: 2.141 ng
RT: 22.70 min Scan# 3368
Delta R.T. -0.01 min
Lab File: BP003240.D
Acq: 09 Sep 2020 14:46

Tgt Ion:252 Resp: 136673

Ion	Ratio	Lower	Upper
252	100		
253	39.1	17.6	26.4#
125	22.2	7.3	10.9#

