

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090920\
 Data File : BP003242.D
 Acq On : 09 Sep 2020 15:54
 Operator : CG/JU
 Sample : L3931-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-1-1

Quant Time: Sep 09 16:50:22 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

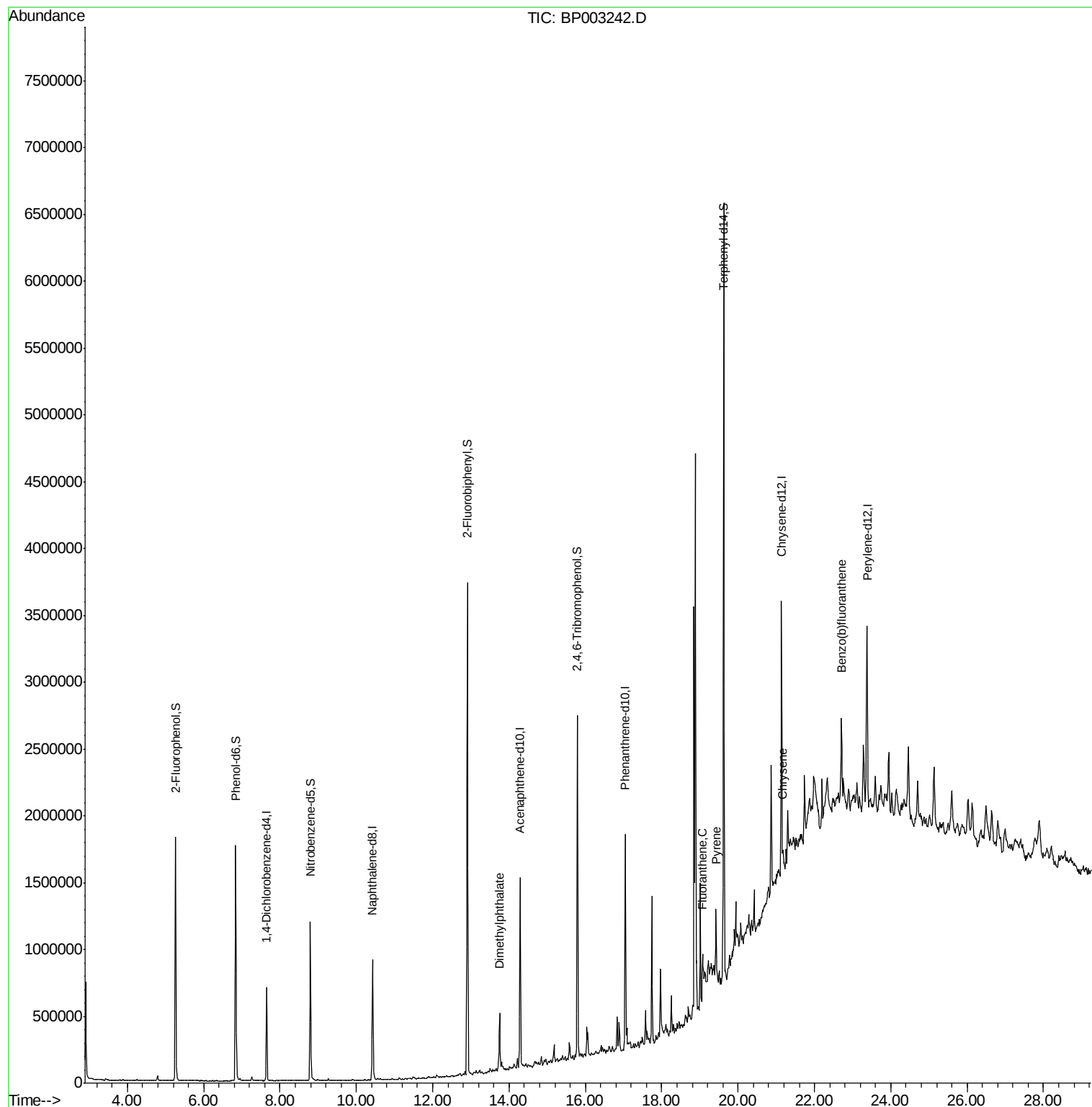
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	211091	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	853349	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	511260	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1024874	20.00	ng	0.00
76) Chrysene-d12	21.14	240	945581	20.00	ng	0.00
86) Perylene-d12	23.38	264	1003350	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	983846	82.40	ng	0.00
7) Phenol-d6	6.84	99	1201006	80.24	ng	0.00
23) Nitrobenzene-d5	8.79	82	734240	62.03	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	594971	86.04	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	2086148	59.76	ng	0.00
79) Terphenyl-d14	19.62	244	2539720	59.10	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.75	163	330035	8.465	ng	99
75) Fluoranthene	19.07	202	181827	2.833	ng	97
78) Pyrene	19.42	202	188998	3.080	ng	98
83) Chrysene	21.17	228	113492	2.001	ng	# 83
88) Benzo(b)fluoranthene	22.70	252	126928	2.035	ng	# 36

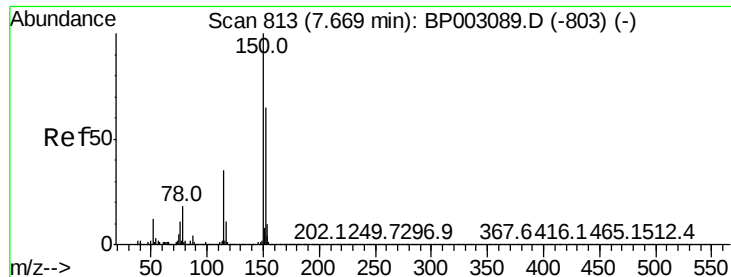
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
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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: BP003242.D

Acq: 09 Sep 2020 15:54

Instrument :

BNA_P

ClientSampled :

SP-1-1

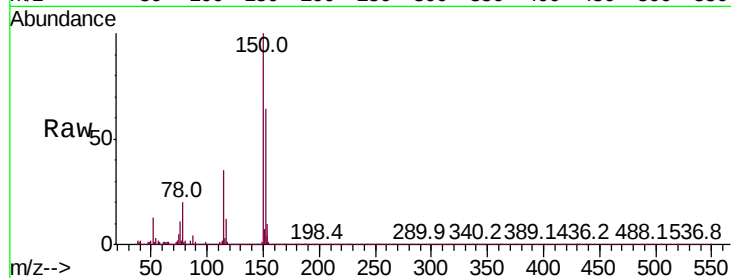
Tot Ion:152 Resp: 211091

Ion Ratio Lower Upper

152 100

150 155.5 123.8 185.6

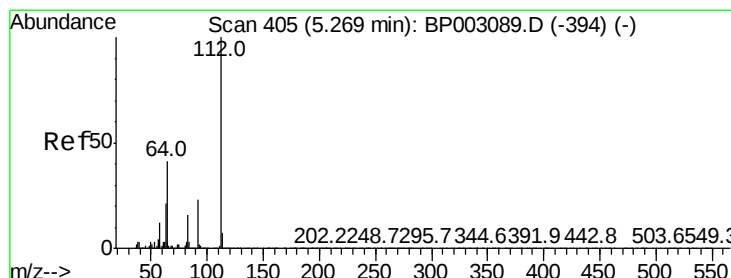
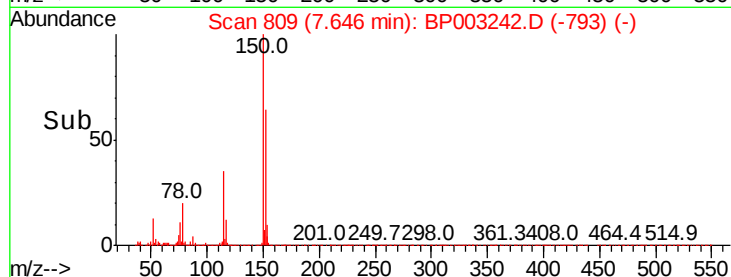
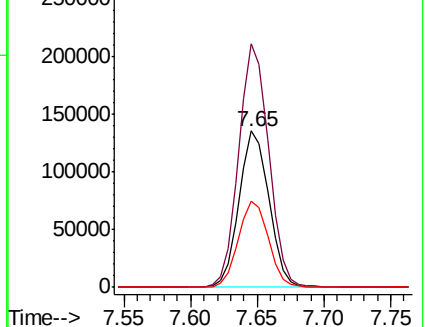
115 55.0 43.8 65.6



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: 82.404 ng

RT: 5.26 min Scan# 404

Delta R.T. -0.00 min

Lab File: BP003242.D

Acq: 09 Sep 2020 15:54

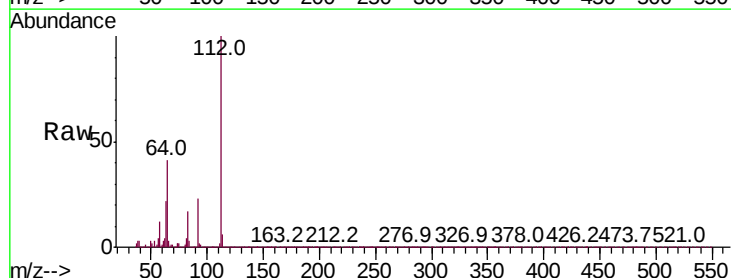
Tgt Ion:112 Resp: 983846

Ion Ratio Lower Upper

112 100

64 41.5 32.8 49.2

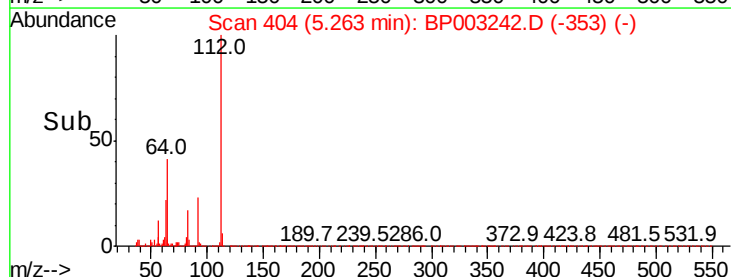
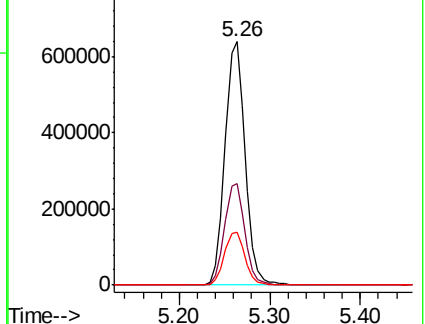
63 21.8 17.0 25.4

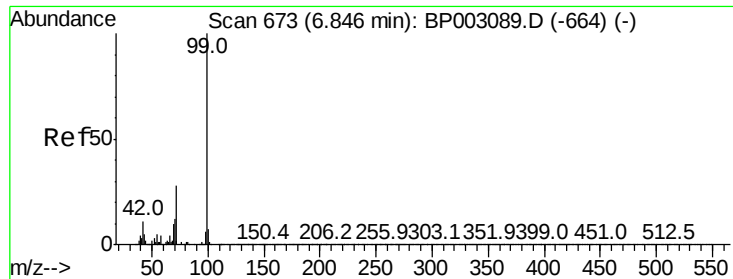


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 80.245 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003242.D

Acq: 09 Sep 2020 15:54

Instrument :

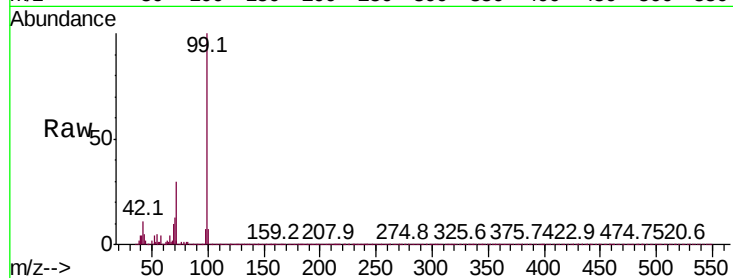
BNA_P

ClientSampled :

SP-1-1

Tot Ion: 99 Resp: 1201006

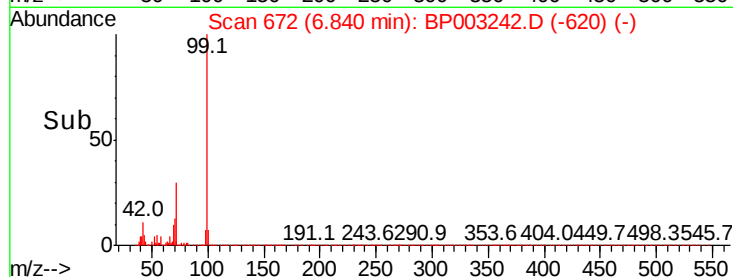
Ion	Ratio	Lower	Upper
99	100		
42	11.1	8.6	13.0
71	30.2	23.4	35.2



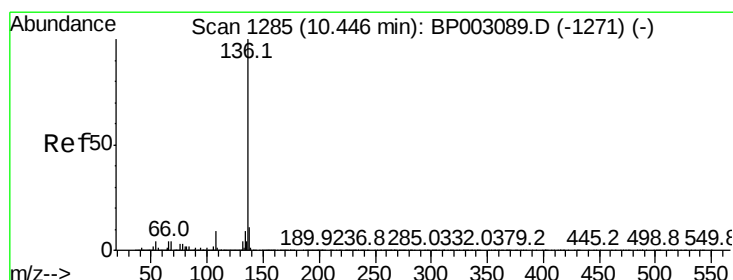
Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1282

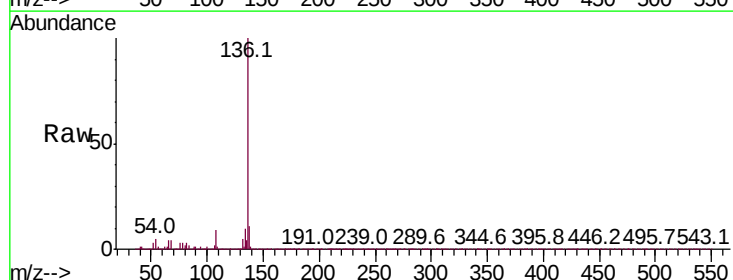
Delta R.T. -0.01 min

Lab File: BP003242.D

Acq: 09 Sep 2020 15:54

Tgt Ion: 136 Resp: 853349

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	4.8	3.6	5.4
68	4.1	3.3	4.9

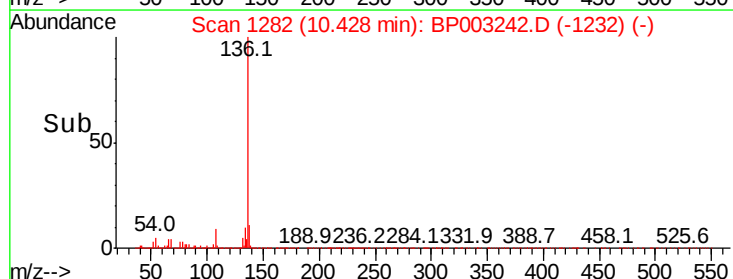


Abundance Ion 136.00 (135.70 to 136.70): E

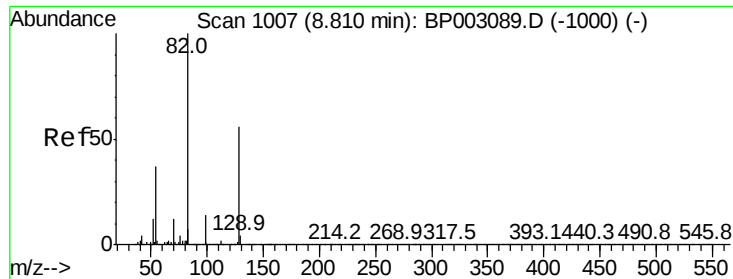
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



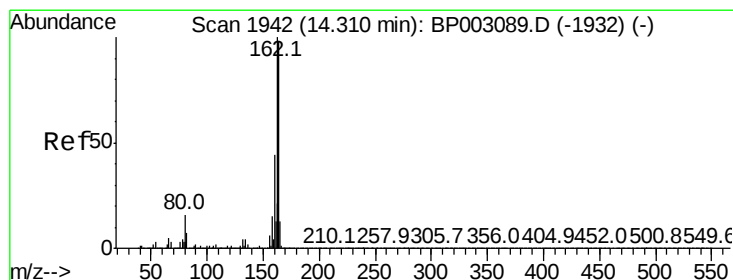
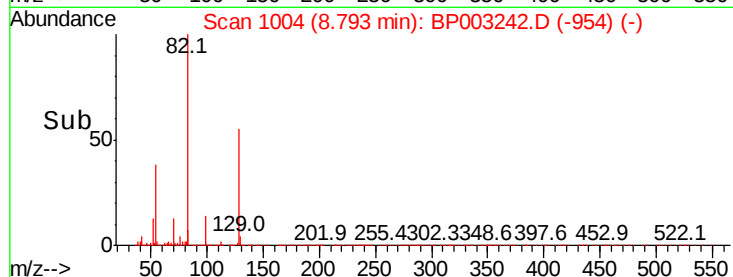
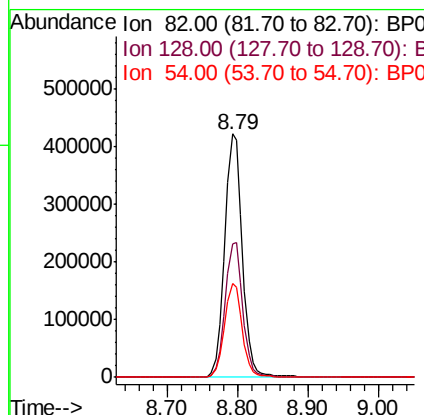
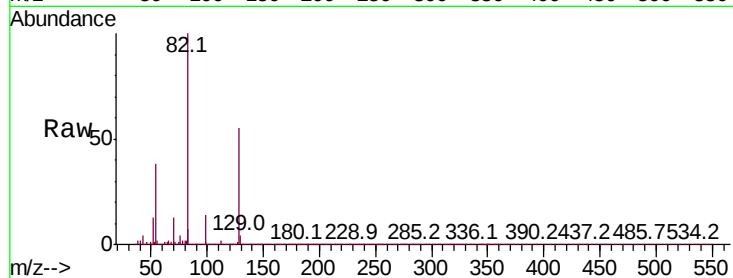
Time-->



#23
Nitrobenzene-d5
Concen: 62.028 ng
RT: 8.79 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BP003242.D
Acq: 09 Sep 2020 15:54

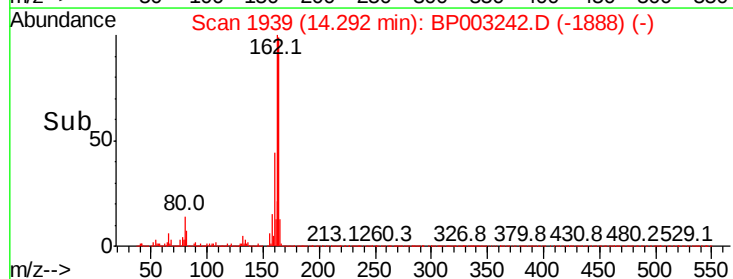
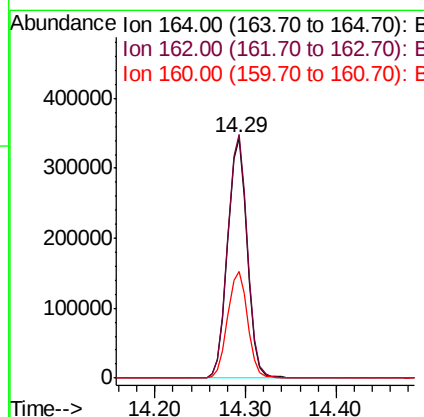
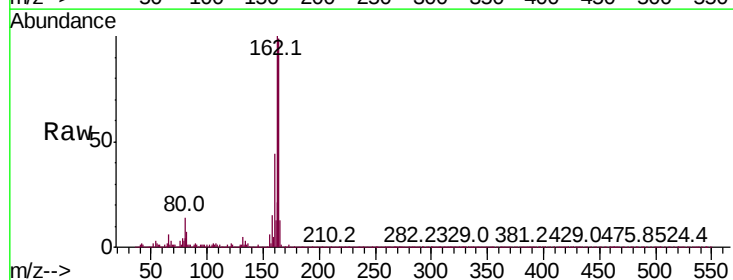
Instrument :
BNA_P
ClientSampled :
SP-1-1

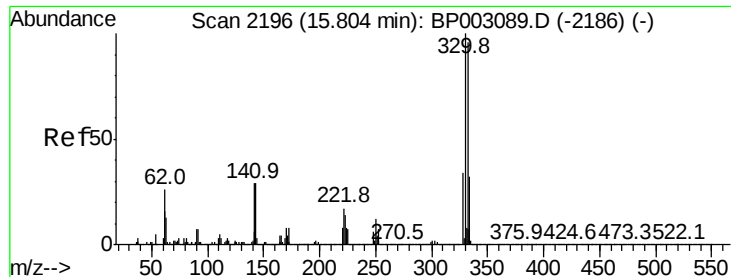
Tot Ion	82	Resp	734240
Ion Ratio	100	Lower	Upper
128	54.8	45.6	68.4
54	38.3	30.1	45.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BP003242.D
Acq: 09 Sep 2020 15:54

Tgt Ion	164	Resp	511260
Ion Ratio	100	Lower	Upper
162	101.4	79.4	119.2
160	44.2	36.1	54.1

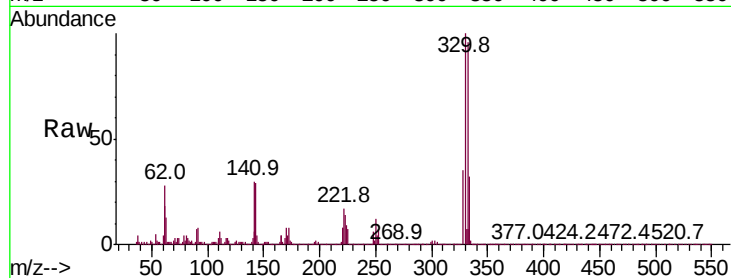




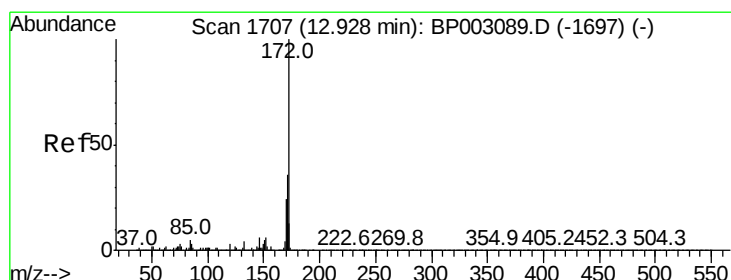
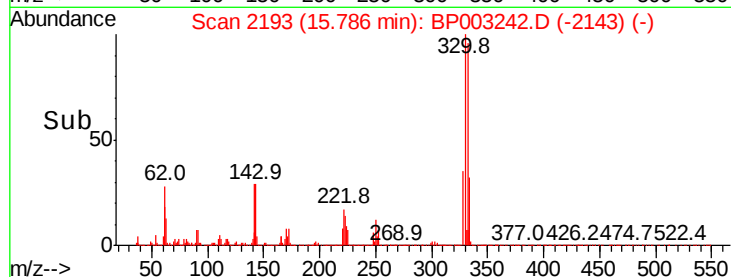
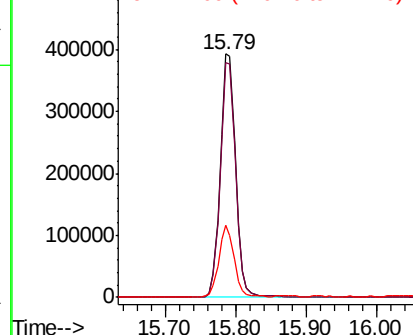
#42
2,4,6-Tribromophenol
Concen: 86.045 ng
RT: 15.79 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BP003242.D
Acq: 09 Sep 2020 15:54

Instrument :
BNA_P
ClientSampleId :
SP-1-1

Tot Ion:330 Resp: 594971
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 28.2 23.4 35.2

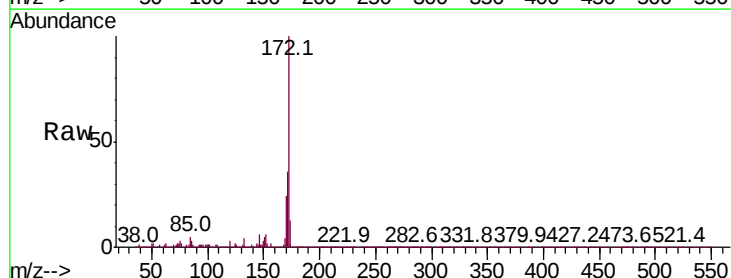


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

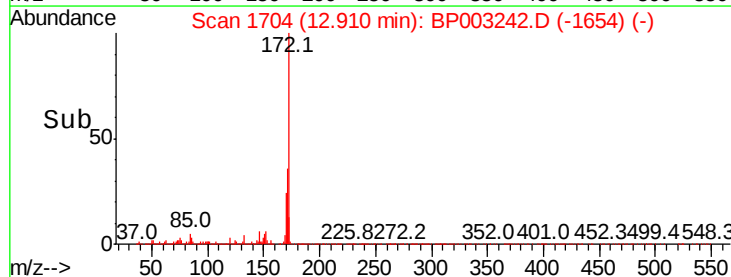
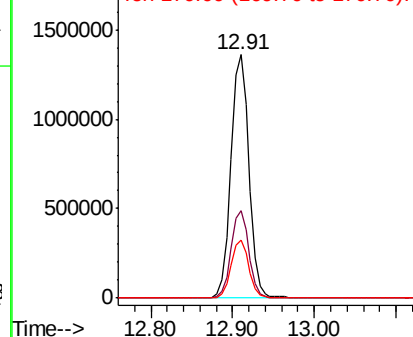


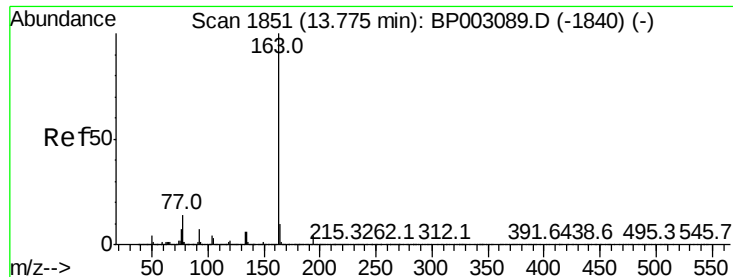
#45
2-Fluorobiphenyl
Concen: 59.756 ng
RT: 12.91 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BP003242.D
Acq: 09 Sep 2020 15:54

Tgt Ion:172 Resp: 2086148
Ion Ratio Lower Upper
172 100
171 36.1 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

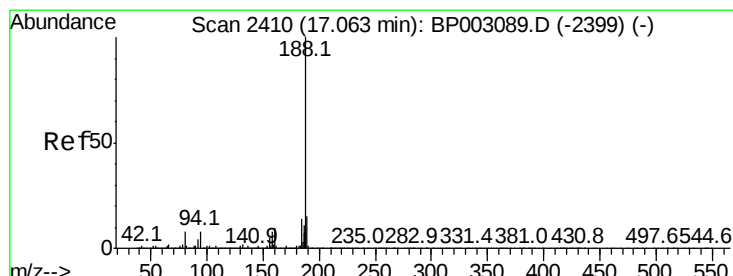
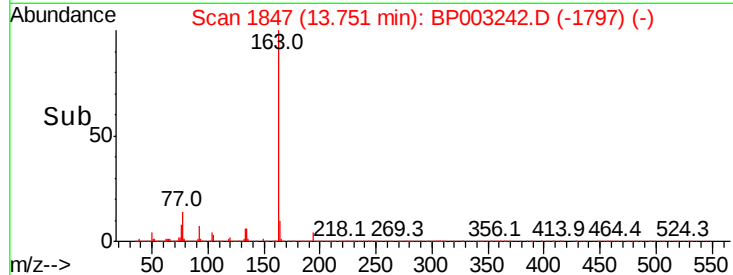
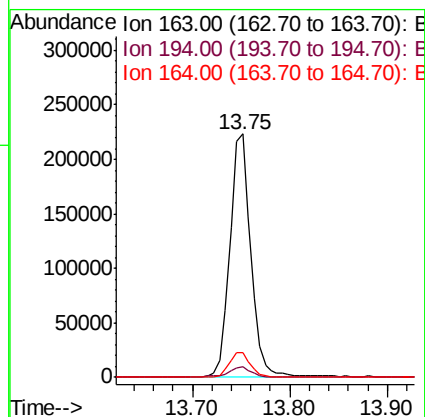
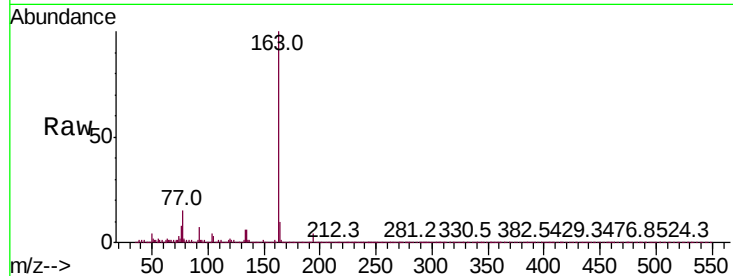




#50
Dimethylphthalate
Concen: 8.465 ng
RT: 13.75 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BP003242.D
Acq: 09 Sep 2020 15:54

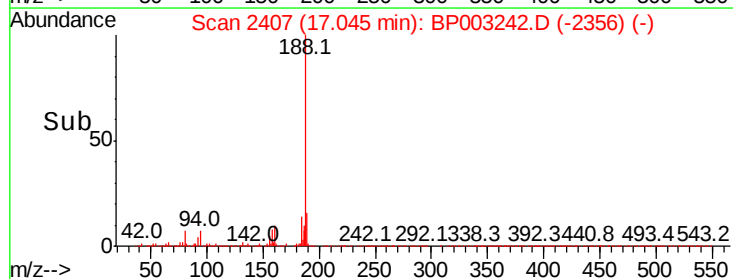
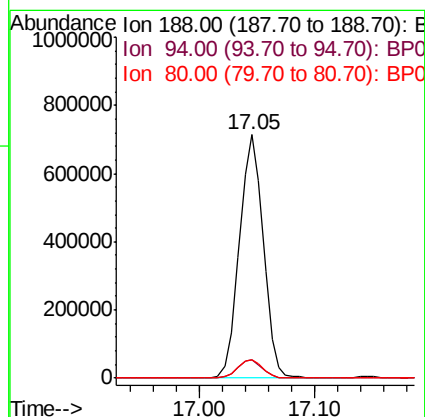
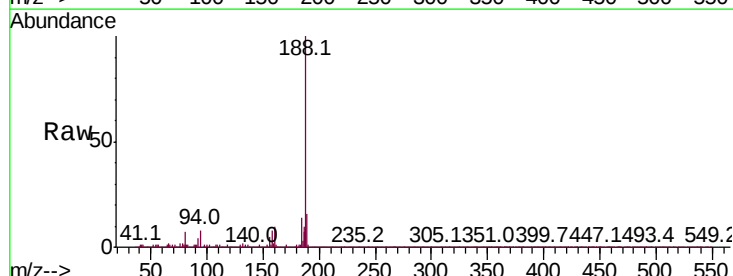
Instrument :
BNA_P
ClientSampleId :
SP-1-1

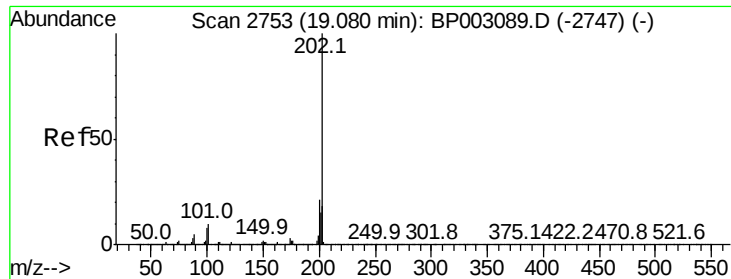
Tot Ion:	163	Resp:	330035
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	9.9	8.2	12.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BP003242.D
Acq: 09 Sep 2020 15:54

Tgt Ion:	188	Resp:	1024874
Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.2	9.2
80	7.3	6.2	9.2





#75

Fluoranthene

Concen: 2.833 ng

RT: 19.07 min Scan# 2751

Delta R.T. -0.00 min

Lab File: BP003242.D

Acq: 09 Sep 2020 15:54

Instrument :

BNA_P

ClientSampleId :

SP-1-1

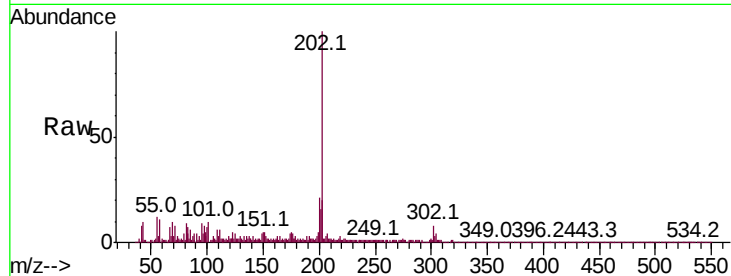
Tot Ion:202 Resp: 181827

Ion Ratio Lower Upper

202 100

101 9.7 0.0 29.4

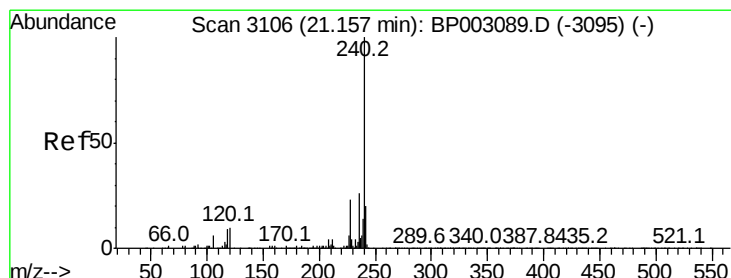
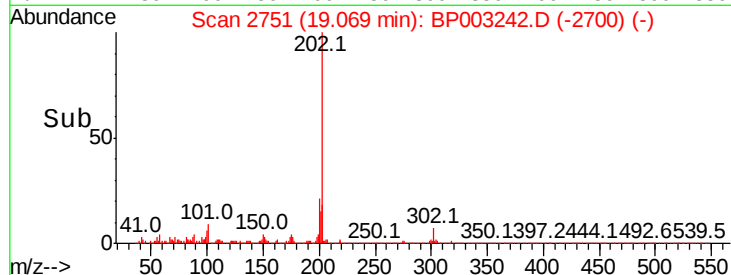
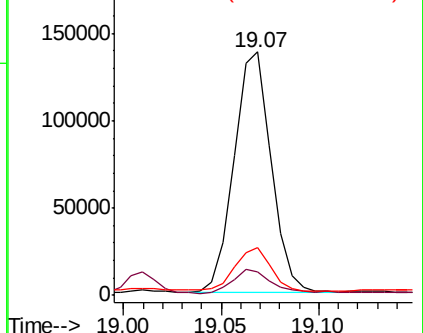
203 19.5 0.0 37.8



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: 21.14 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BP003242.D

Acq: 09 Sep 2020 15:54

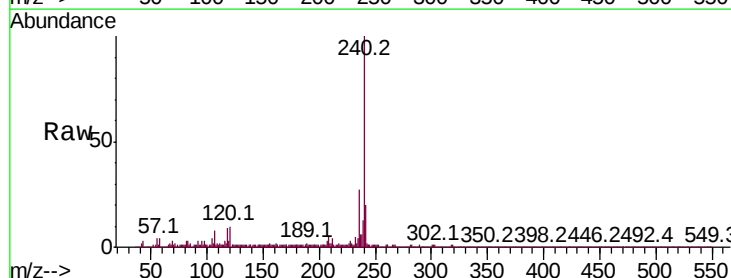
Tgt Ion:240 Resp: 945581

Ion Ratio Lower Upper

240 100

120 10.3 7.8 11.6

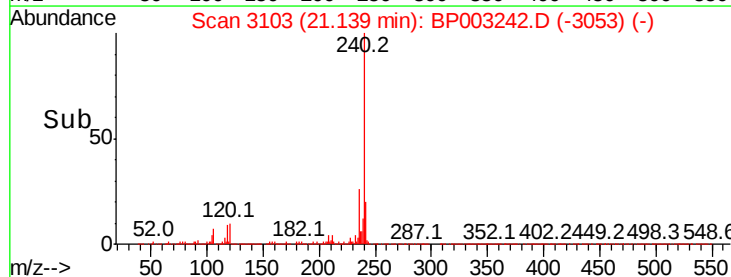
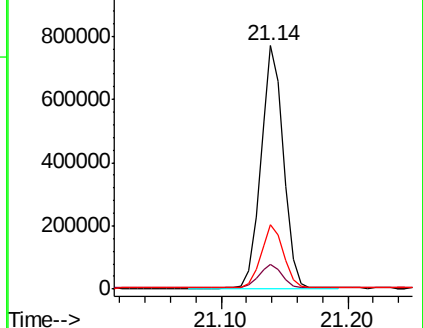
236 26.5 20.8 31.2

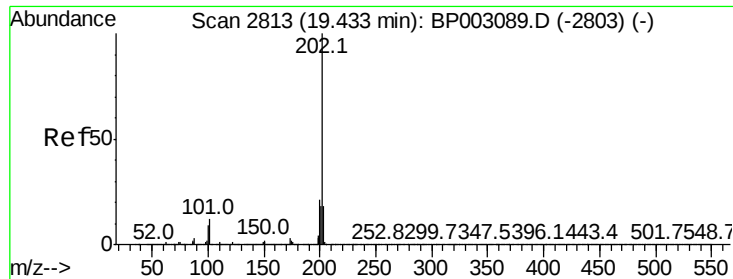


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 3.080 ng

RT: 19.42 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BP003242.D

Acq: 09 Sep 2020 15:54

Instrument :

BNA_P

ClientSampleId :

SP-1-1

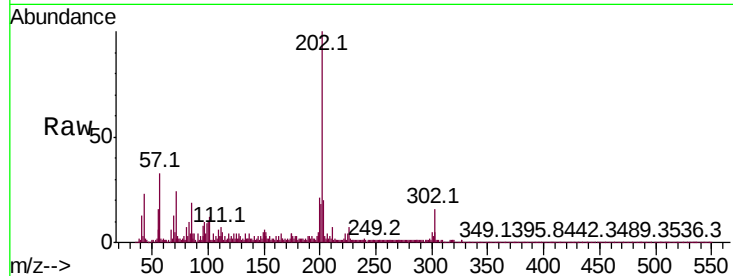
Tot Ion:202 Resp: 188998

Ion Ratio Lower Upper

202 100

200 21.0 17.1 25.7

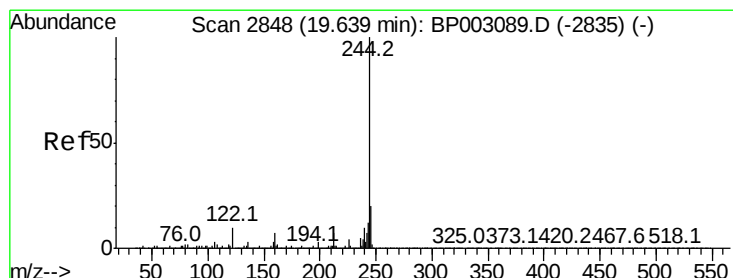
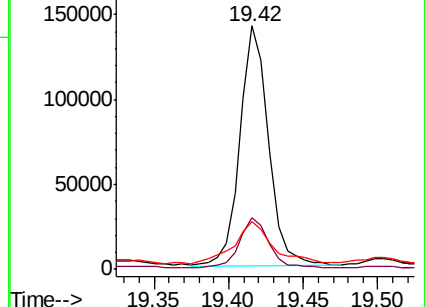
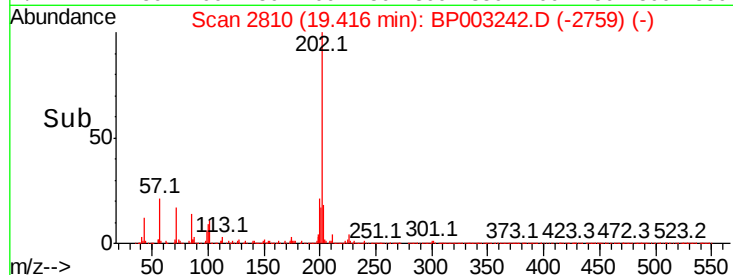
203 19.6 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 59.101 ng

RT: 19.62 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BP003242.D

Acq: 09 Sep 2020 15:54

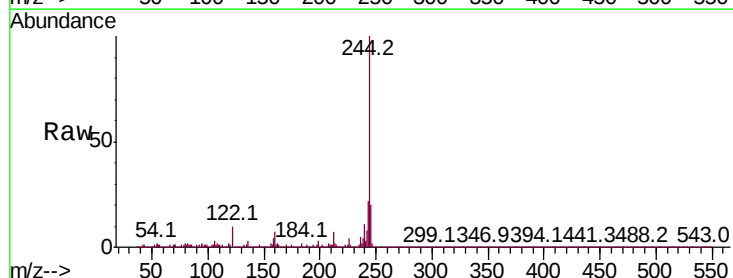
Tgt Ion:244 Resp: 2539720

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

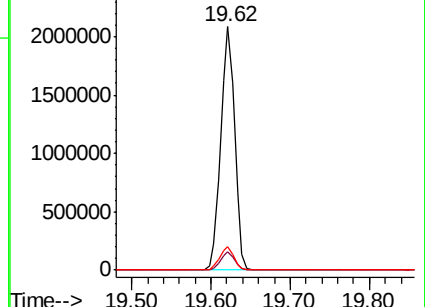
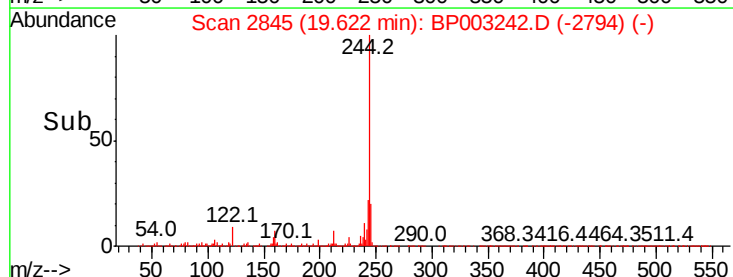
122 9.5 7.8 11.8

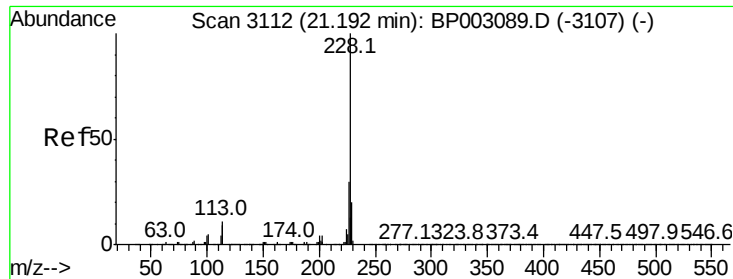


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

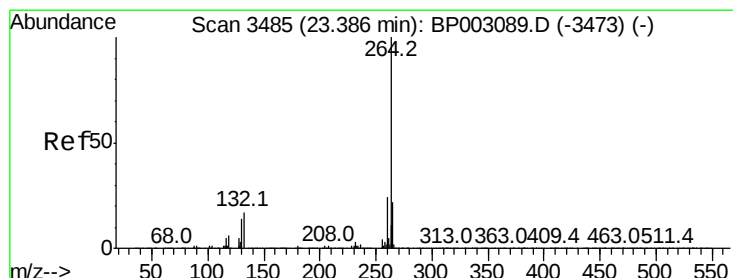
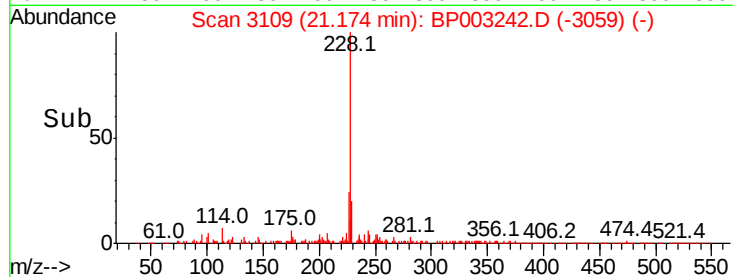
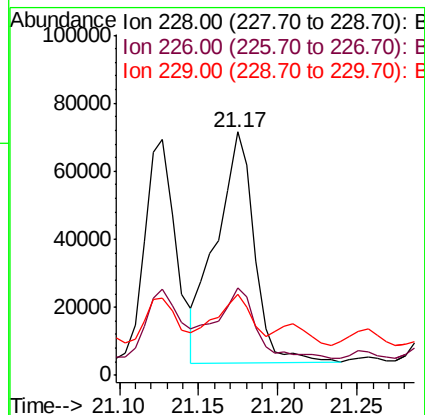
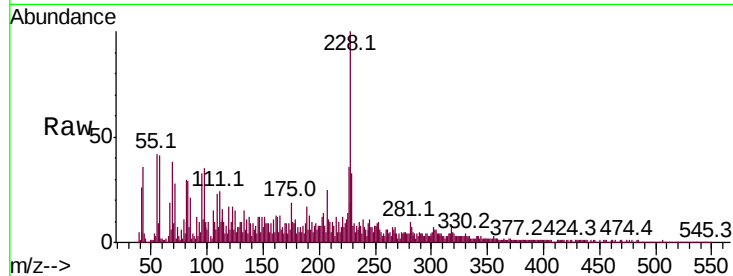




#83
 Chrysene
 Concen: 2.001 ng
 RT: 21.17 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BP003242.D
 Acq: 09 Sep 2020 15:54

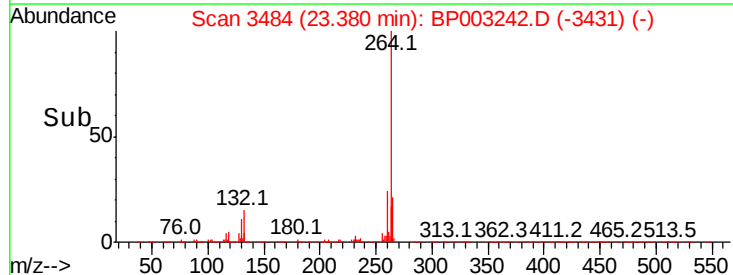
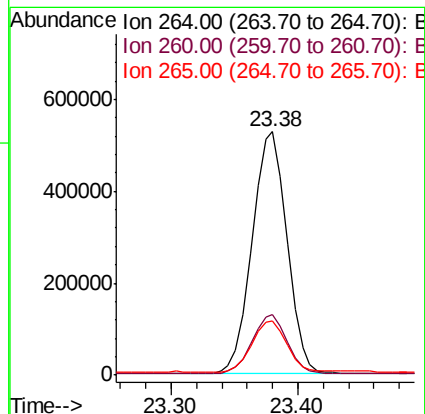
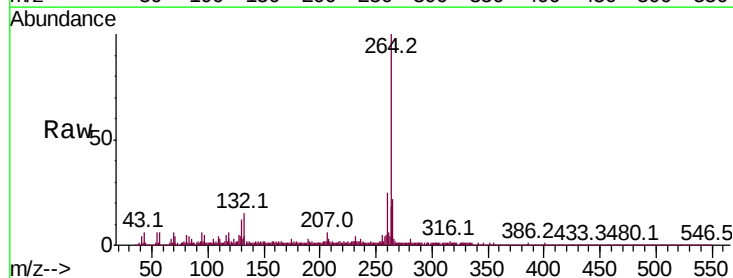
Instrument :
 BNA_P
 ClientSampled :
 SP-1-1

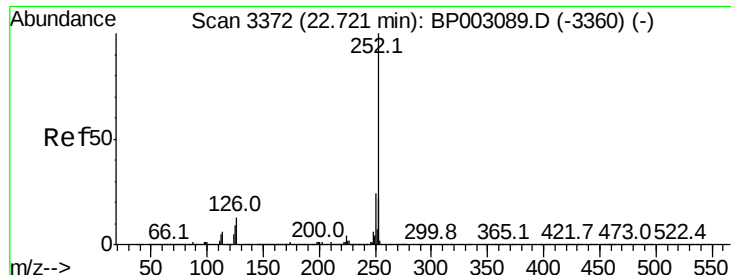
Tot Ion:228 Resp: 113492
 Ion Ratio Lower Upper
 228 100
 226 35.7 24.4 36.6
 229 33.1 15.8 23.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.38 min Scan# 3484
 Delta R.T. 0.01 min
 Lab File: BP003242.D
 Acq: 09 Sep 2020 15:54

Tgt Ion:264 Resp: 1003350
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.8 28.2
 265 22.2 17.4 26.2





#88

Benzo(b)fluoranthene

Concen: 2.035 ng

RT: 22.70 min Scan# 3369

Delta R.T. -0.00 min

Lab File: BP003242.D

Acq: 09 Sep 2020 15:54

Instrument :

BNA_P

ClientSampleId :

SP-1-1

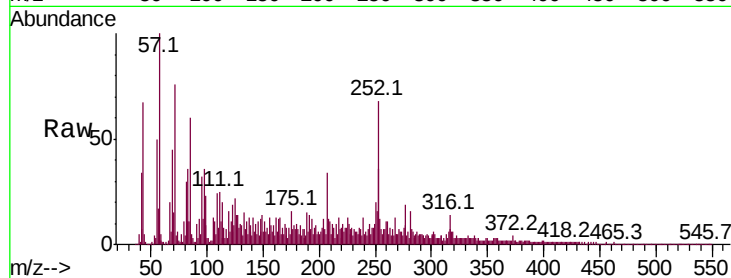
Tot Ion:252 Resp: 126928

Ion Ratio Lower Upper

252 100

253 52.7 17.6 26.4#

125 32.4 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

