

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
 Data File : BP002993.D
 Acq On : 14 Aug 2020 19:54
 Operator : CG/JU
 Sample : L3501-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NB-08-081220

Quant Time: Aug 17 03:33:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 11 17:14:14 2020
 Response via : Initial Calibration

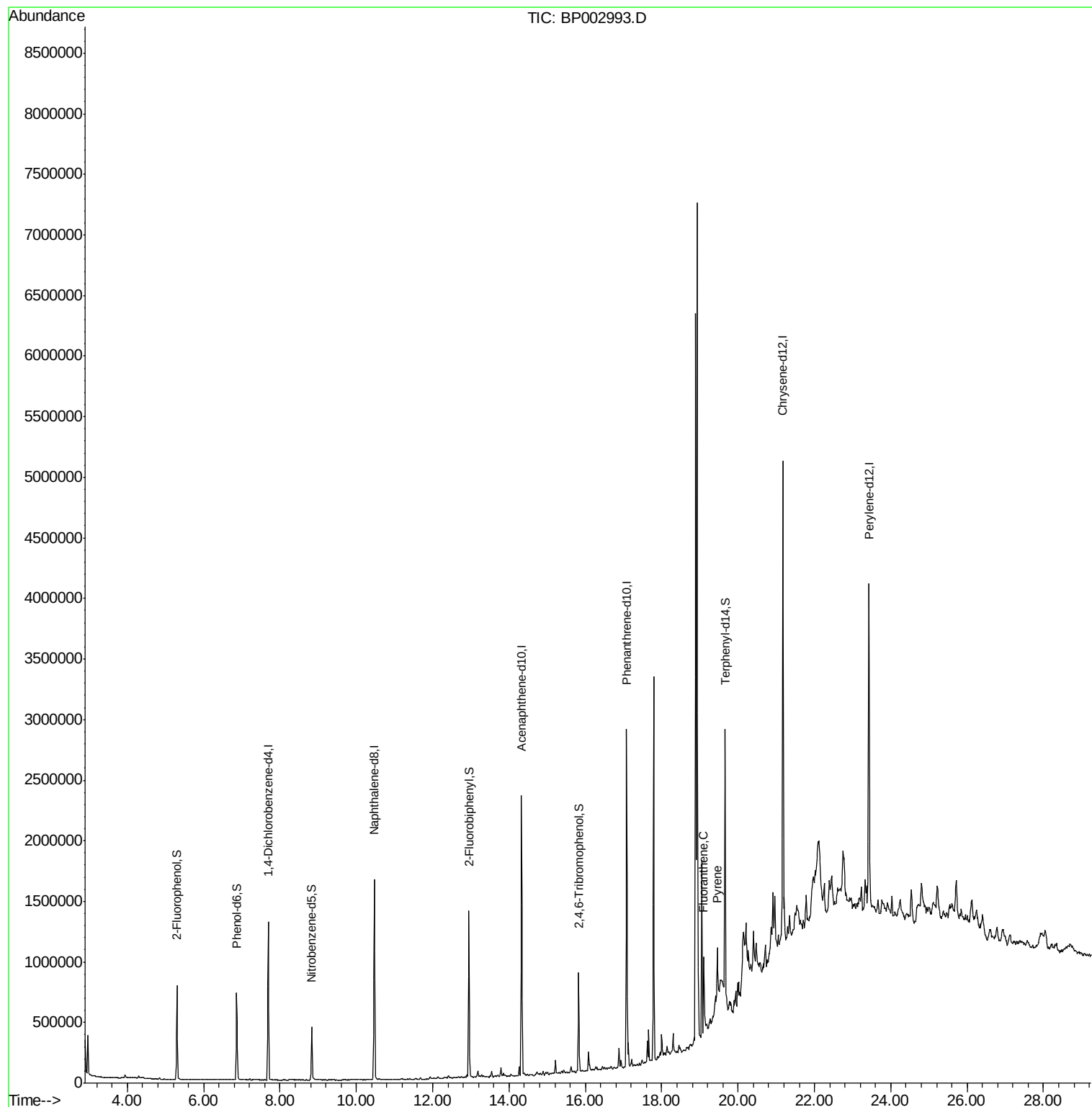
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	393189	20.00	ng	-0.01
21) Naphthalene-d8	10.47	136	1496914	20.00	ng	-0.01
39) Acenaphthene-d10	14.33	164	818776	20.00	ng	-0.01
64) Phenanthrene-d10	17.08	188	1711133	20.00	ng	-0.01
76) Chrysene-d12	21.17	240	1750434	20.00	ng	0.00
86) Perylene-d12	23.43	264	1845903	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	390887	15.22	ng	0.00
7) Phenol-d6	6.86	99	498580	13.98	ng	-0.02
23) Nitrobenzene-d5	8.83	82	256913	9.30	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	165299	16.24	ng	-0.01
45) 2-Fluorobiphenyl	12.95	172	771561	12.88	ng	-0.01
79) Terphenyl-d14	19.66	244	900609	10.30	ng	-0.01
Target Compounds						
75) Fluoranthene	19.10	202	333611	2.886	ng	99
78) Pyrene	19.45	202	301975	2.468	ng	98

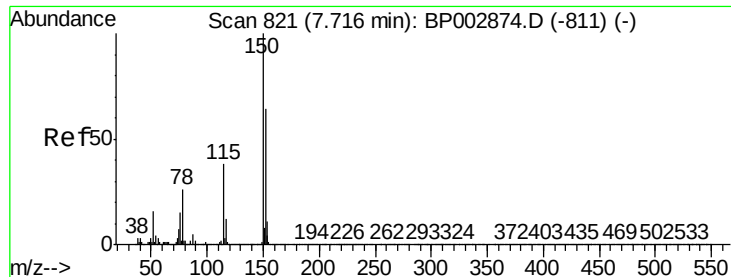
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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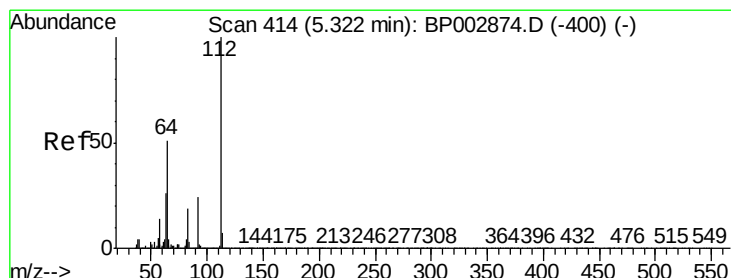
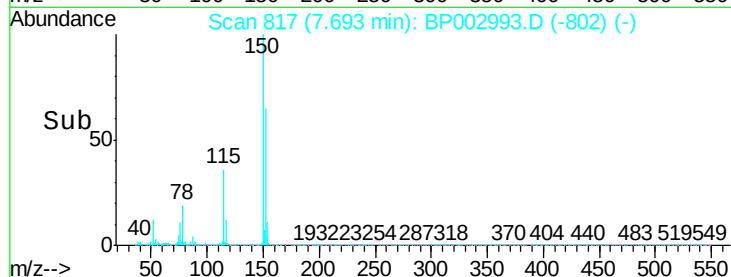
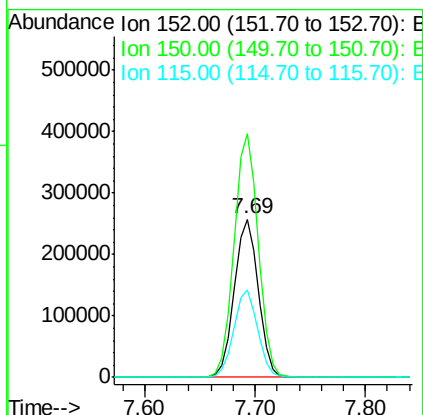
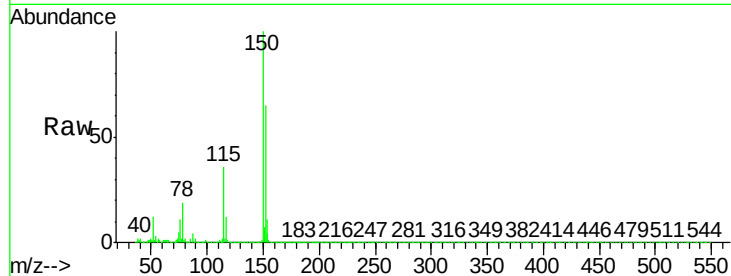


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP002993.D
Acq: 14 Aug 2020 19:54

Instrument :
BNA_P
ClientSampleId :
NB-08-081220

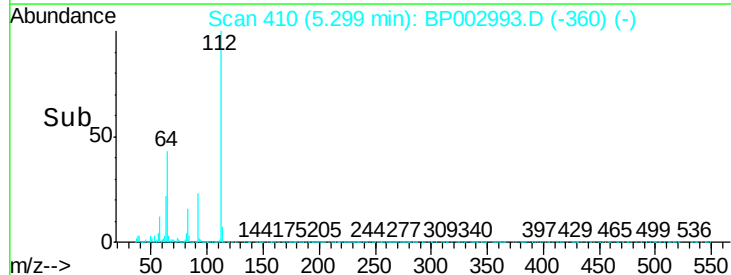
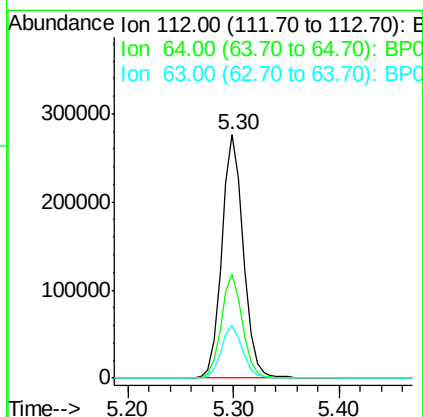
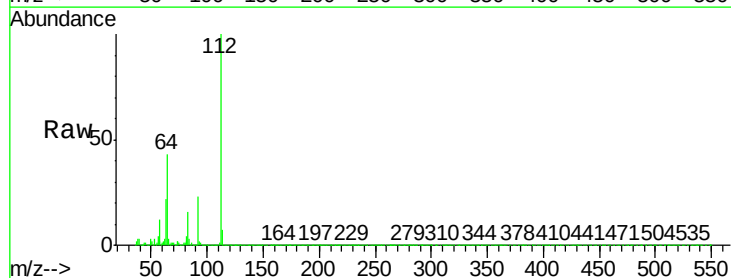
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.2	186.4
115	55.2	42.1	63.1

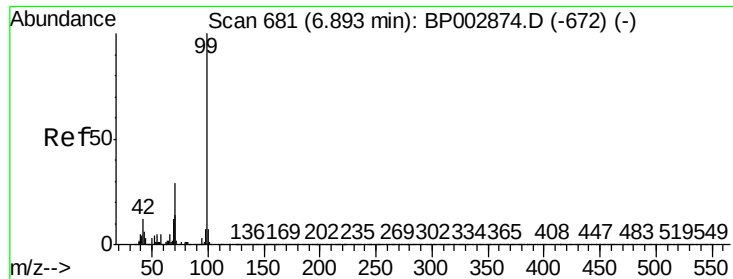


#5

2-Fluorophenol
Concen: 15.215 ng
RT: 5.30 min Scan# 410
Delta R.T. -0.01 min
Lab File: BP002993.D
Acq: 14 Aug 2020 19:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.7	33.8	50.8
63	21.8	17.2	25.8





#7

Phenol-d6

Concen: 13.978 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.02 min

Lab File: BP002993.D

Acq: 14 Aug 2020 19:54

Instrument :

BNA_P

ClientSampleId :

NB-08-081220

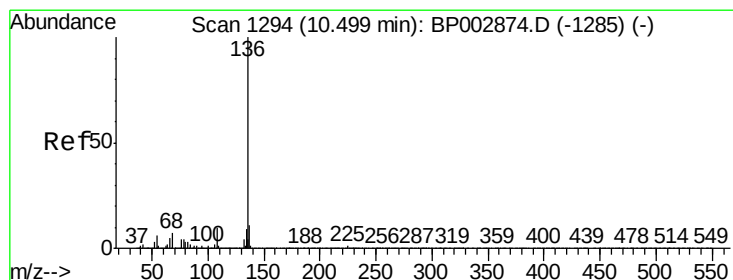
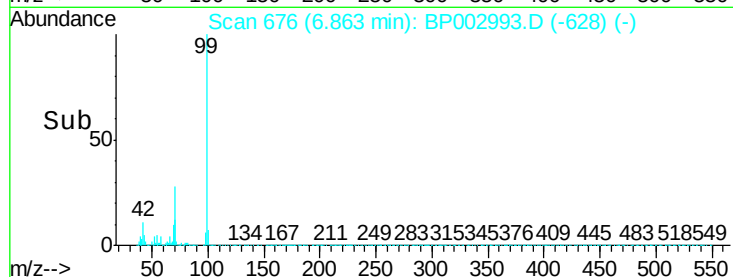
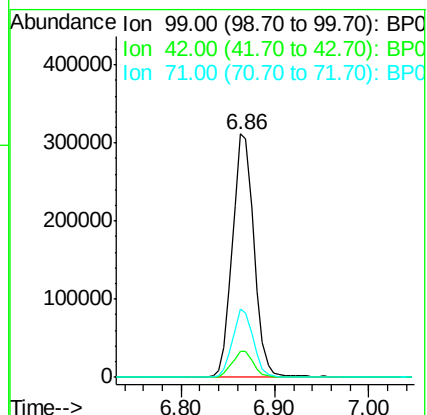
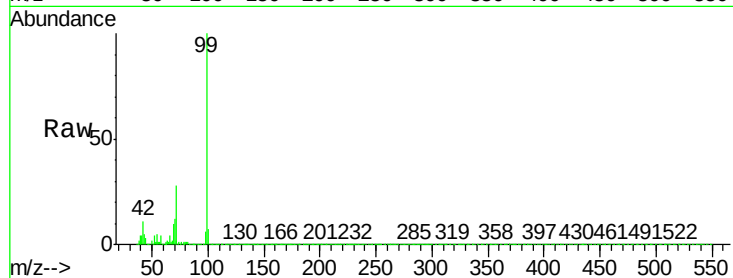
Tot Ion: 99 Resp: 498580

Ion Ratio Lower Upper

99 100

42 10.7 8.1 12.1

71 27.9 21.0 31.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.47 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BP002993.D

Acq: 14 Aug 2020 19:54

Tgt Ion: 136 Resp: 1496914

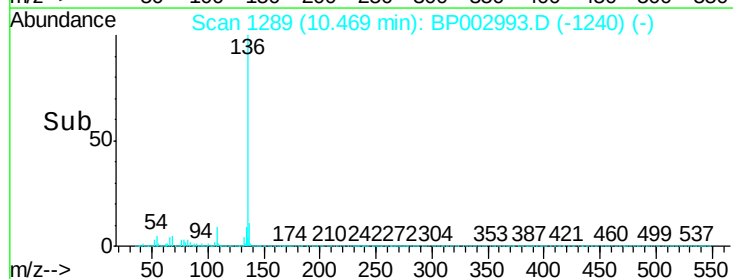
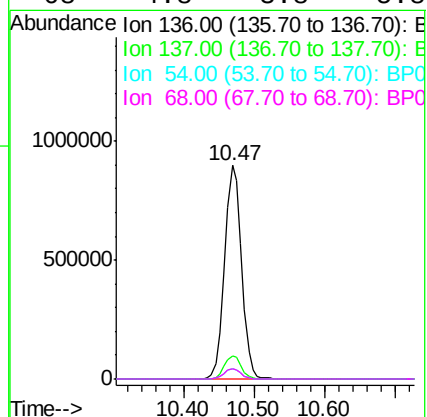
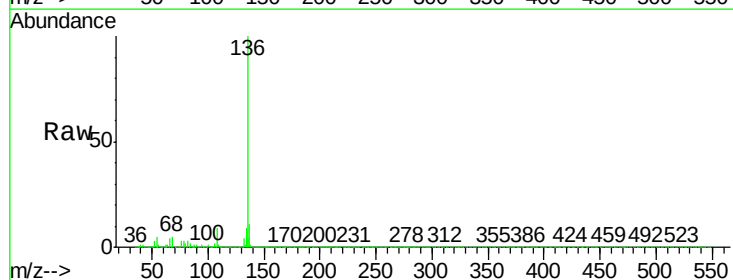
Ion Ratio Lower Upper

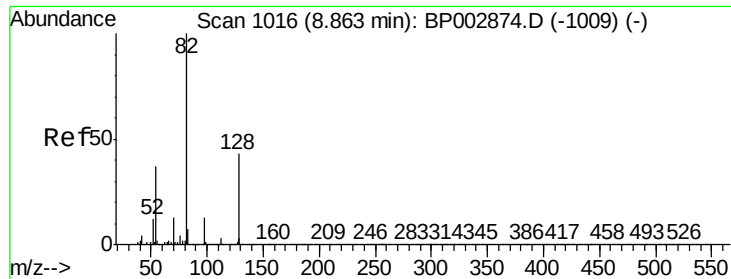
136 100

137 10.9 9.0 13.4

54 4.8 3.9 5.9

68 4.8 3.8 5.8

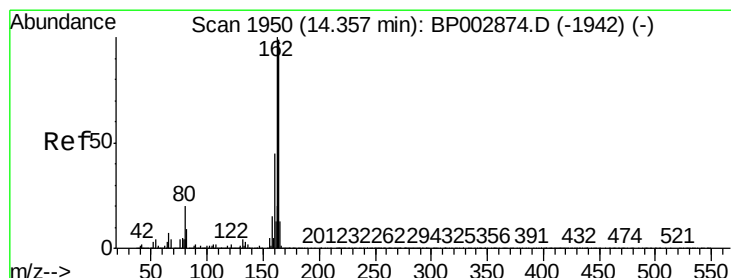
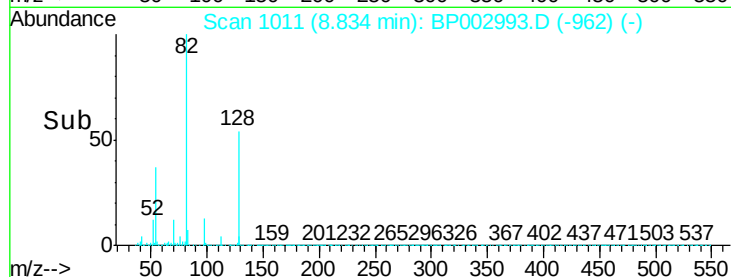
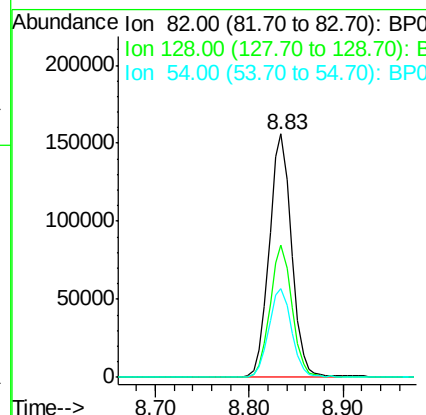
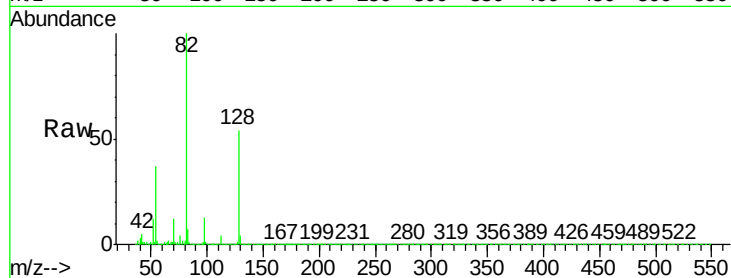




#23
 Nitrobenzene-d5
 Concen: 9.296 ng
 RT: 8.83 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BP002993.D
 Acq: 14 Aug 2020 19:54

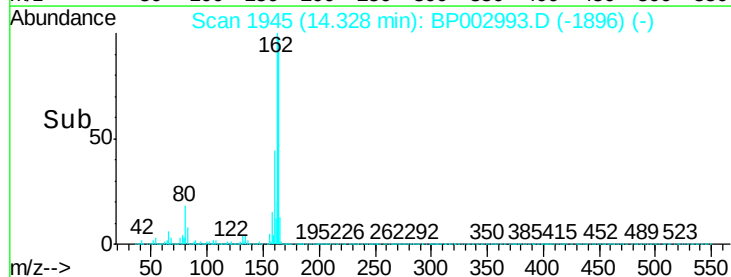
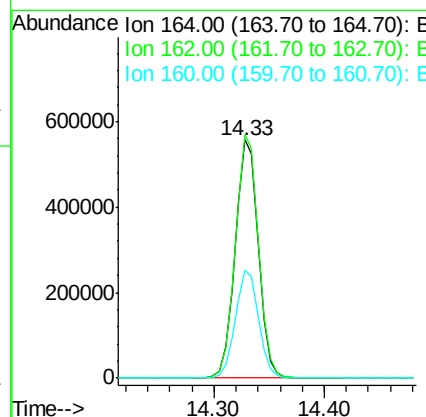
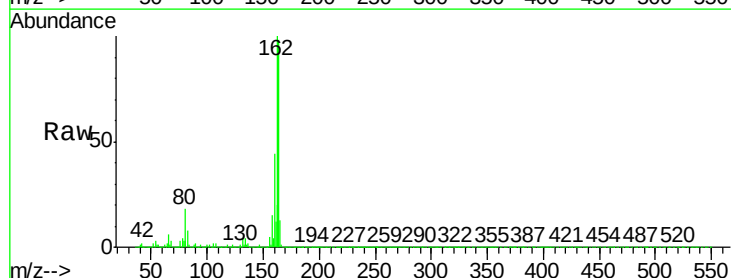
Instrument :
 BNA_P
 ClientSampleId :
 NB-08-081220

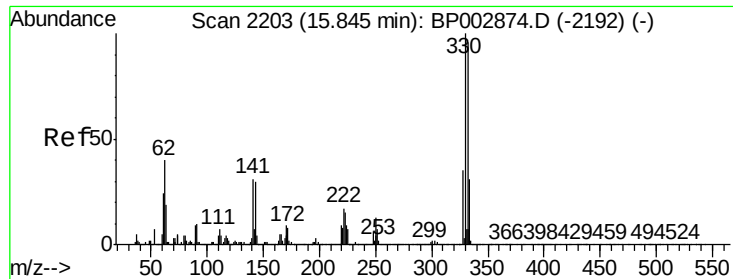
Tot Ion	82	Resp	256913
Ion Ratio	Lower	Upper	
82	100		
128	54.2	44.6	66.8
54	36.7	29.2	43.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.33 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BP002993.D
 Acq: 14 Aug 2020 19:54

Tgt Ion	164	Resp	818776
Ion Ratio	Lower	Upper	
164	100		
162	102.3	81.0	121.4
160	45.2	36.2	54.4

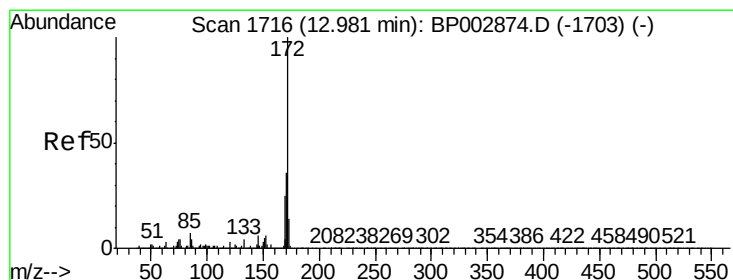
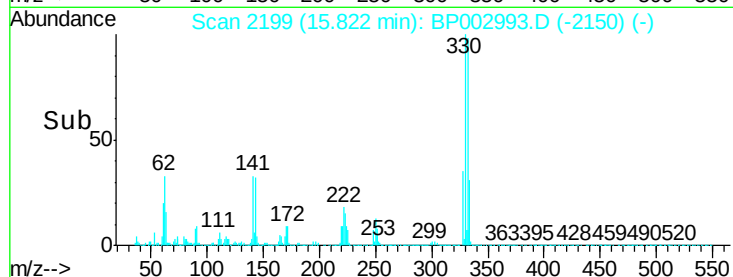
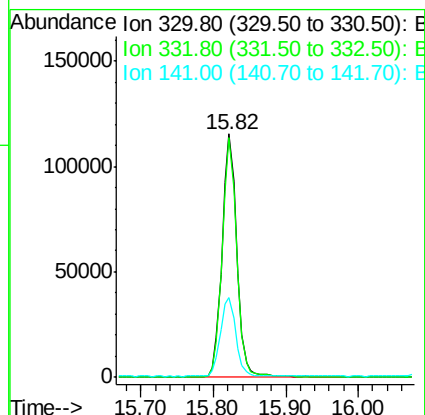
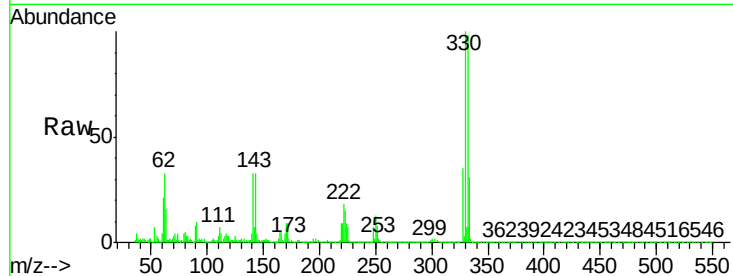




#42
2,4,6-Tribromophenol
Concen: 16.243 ng
RT: 15.82 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BP002993.D
Acq: 14 Aug 2020 19:54

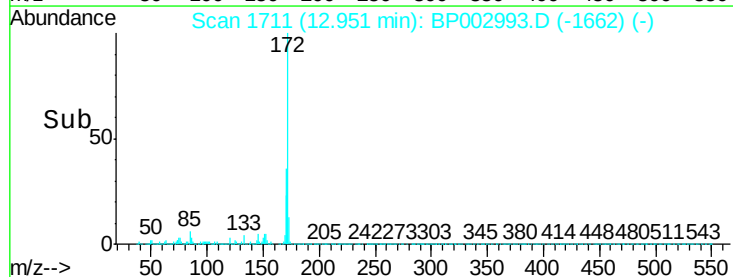
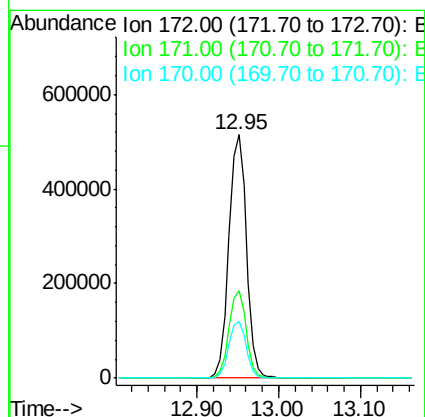
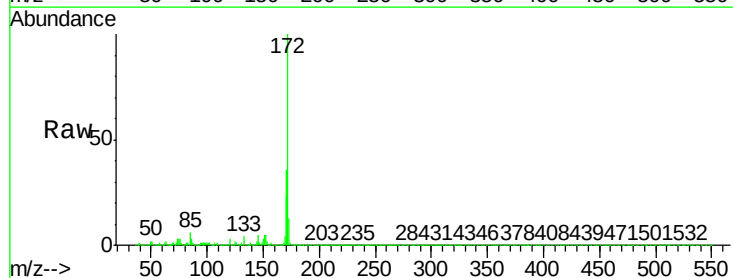
Instrument :
BNA_P
ClientSampleId :
NB-08-081220

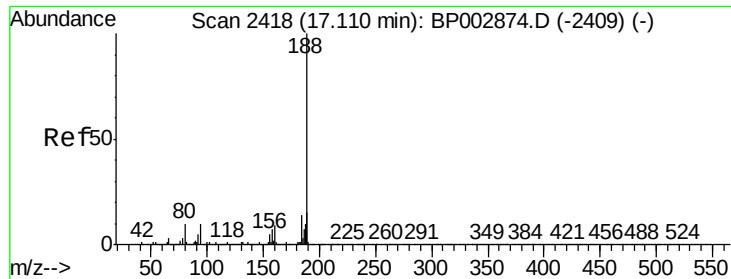
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.4
141	34.4	28.6	43.0



#45
2-Fluorobiphenyl
Concen: 12.875 ng
RT: 12.95 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BP002993.D
Acq: 14 Aug 2020 19:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.2	19.6	29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.08 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BP002993.D

Acq: 14 Aug 2020 19:54

Instrument :

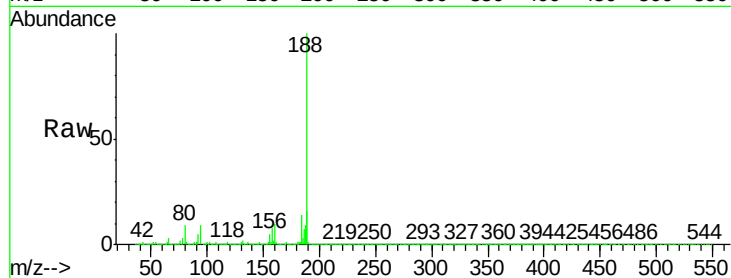
BNA_P

ClientSampleId :

NB-08-081220

Tot Ion:188 Resp: 1711133

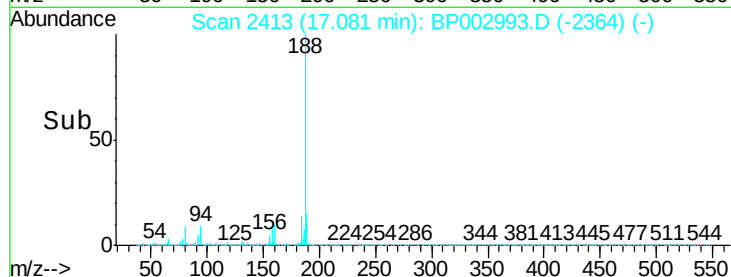
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.6
80	9.0	7.0	10.6



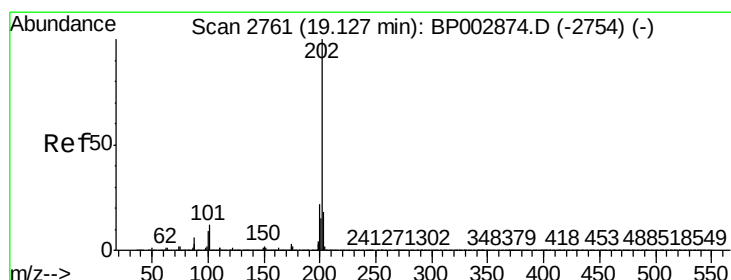
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



Time-->



#75

Fluoranthene

Concen: 2.886 ng

RT: 19.10 min Scan# 2756

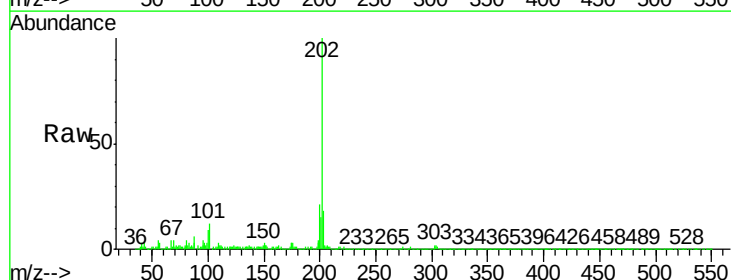
Delta R.T. -0.01 min

Lab File: BP002993.D

Acq: 14 Aug 2020 19:54

Tgt Ion:202 Resp: 333611

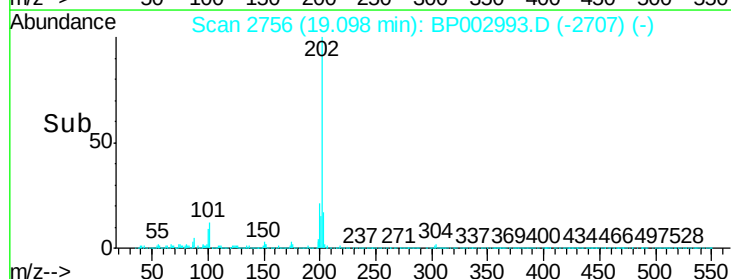
Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.0
203	17.9	0.0	38.5



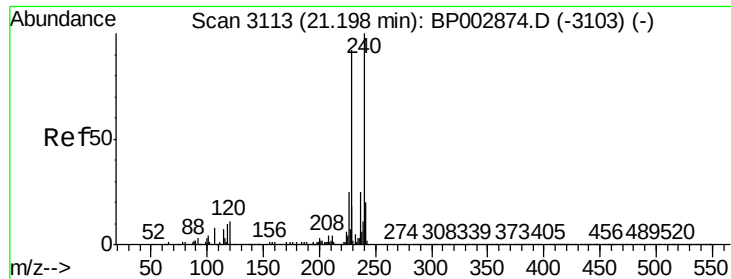
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



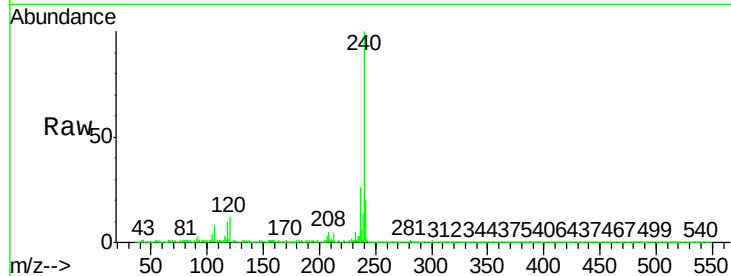
Time-->



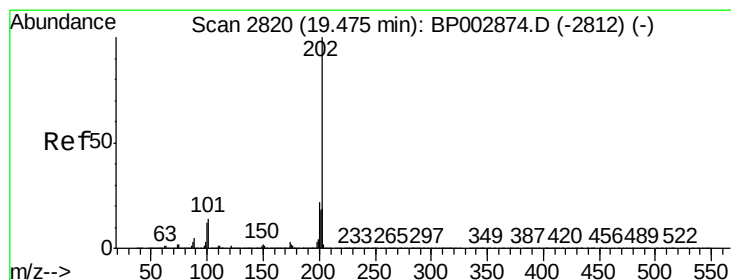
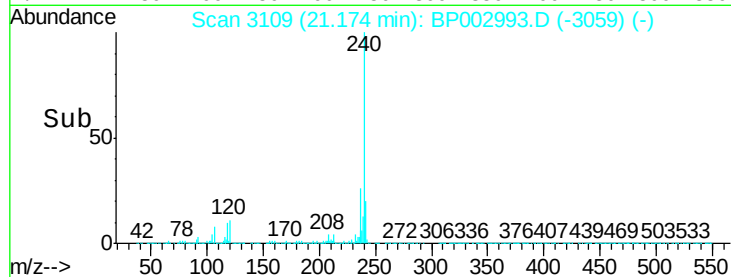
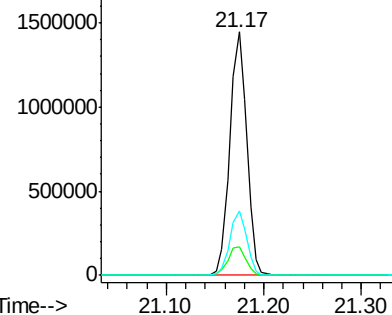
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BP002993.D
Acq: 14 Aug 2020 19:54

Instrument :
BNA_P
ClientSampleId :
NB-08-081220

Tot Ion:240 Resp: 1750434
Ion Ratio Lower Upper
240 100
120 11.5 10.6 16.0
236 26.3 20.7 31.1

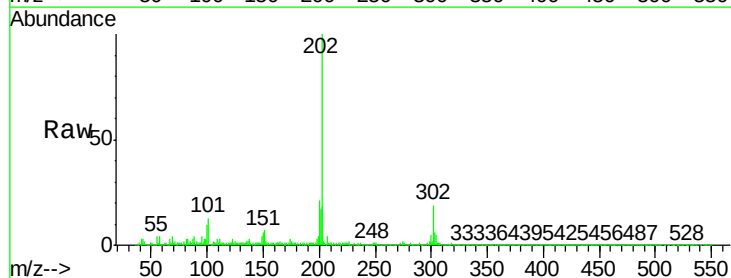


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

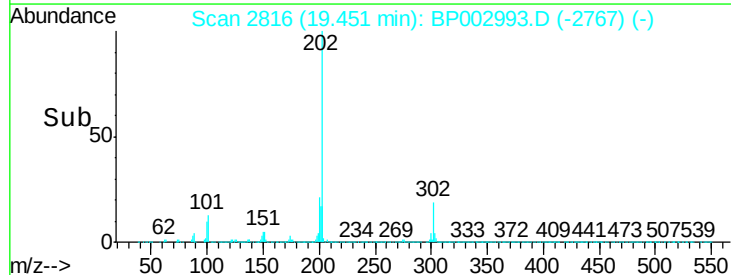
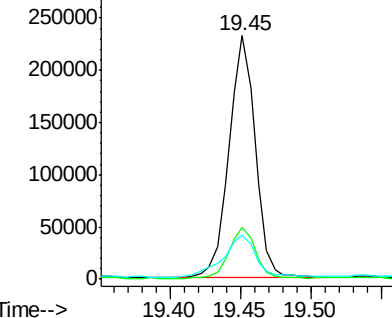


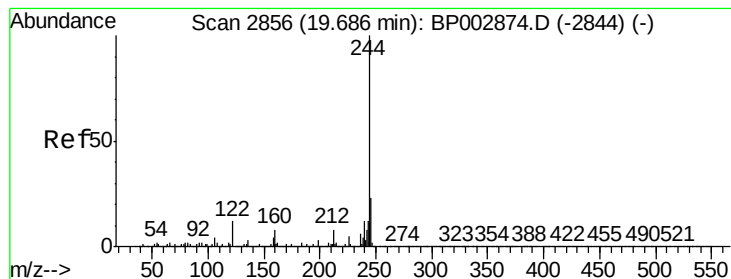
#78
Pyrene
Concen: 2.468 ng
RT: 19.45 min Scan# 2816
Delta R.T. -0.01 min
Lab File: BP002993.D
Acq: 14 Aug 2020 19:54

Tgt Ion:202 Resp: 301975
Ion Ratio Lower Upper
202 100
200 21.0 17.9 26.9
203 17.9 14.8 22.2



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: 10.300 ng

RT: 19.66 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BP002993.D

Acq: 14 Aug 2020 19:54

Instrument :

BNA_P

ClientSampleId :

NB-08-081220

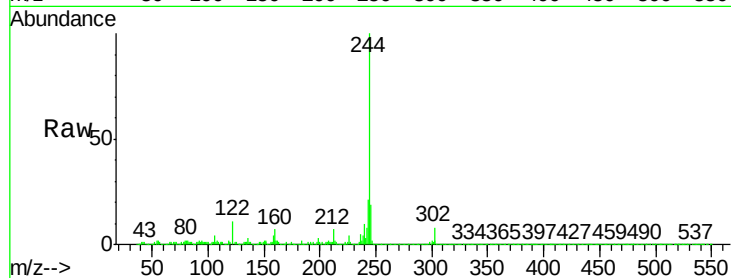
Tot Ion:244 Resp: 900609

Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

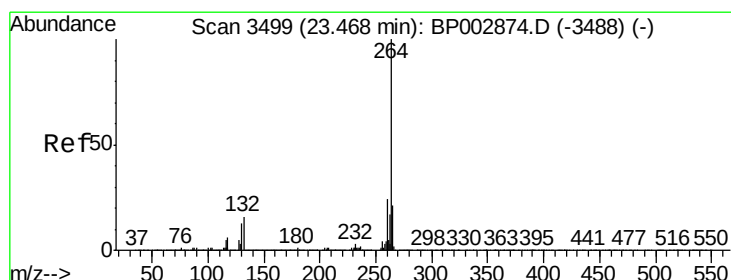
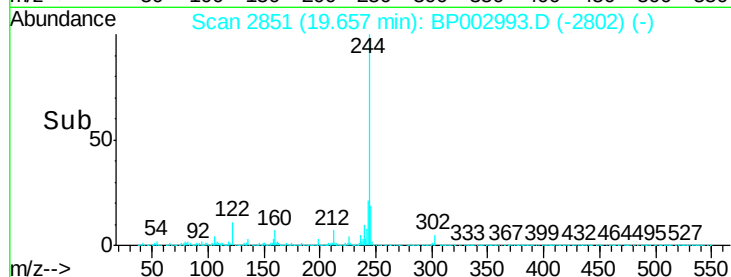
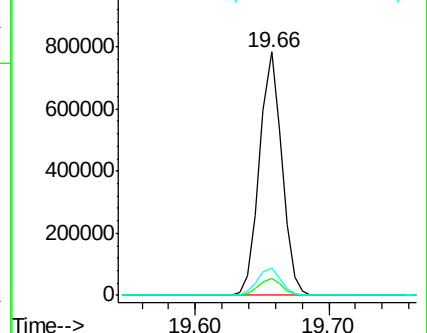
122 11.3 9.9 14.9



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: 23.43 min Scan# 3492

Delta R.T. -0.01 min

Lab File: BP002993.D

Acq: 14 Aug 2020 19:54

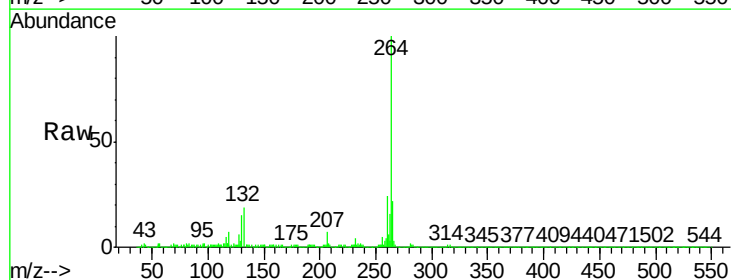
Tgt Ion:264 Resp: 1845903

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 21.8 17.6 26.4



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

