

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
 Data File : BP002325.D
 Acq On : 29 May 2020 20:52
 Operator : CG/JU
 Sample : L2745-07 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NM86-COMP-2020-0-6

Quant Time: May 30 02:17:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 15:09:03 2020
 Response via : Initial Calibration

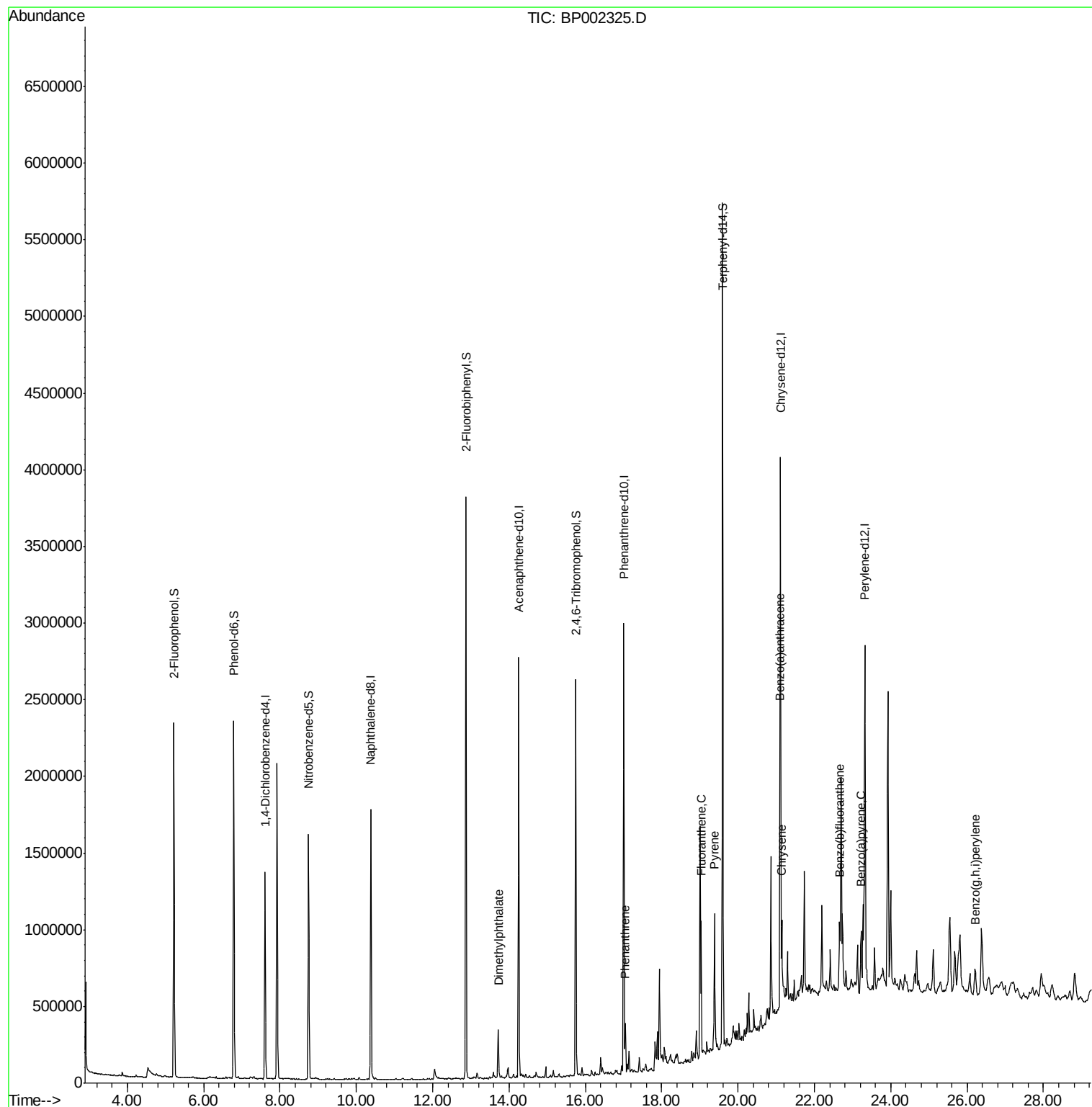
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	353607	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1450669	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	846420	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	1733272	20.00	ng	0.00
76) Chrysene-d12	21.11	240	1527551	20.00	ng	0.00
86) Perylene-d12	23.32	264	1569115	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	985710	52.35	ng	0.00
7) Phenol-d6	6.79	99	1358987	53.06	ng	0.00
23) Nitrobenzene-d5	8.75	82	904313	37.48	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	429482	53.54	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	1937568	40.39	ng	0.00
79) Terphenyl-d14	19.59	244	2567611	40.71	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.71	163	192426	3.359	ng	100
71) Phenanthrene	17.05	178	188414	2.295	ng	99
75) Fluoranthene	19.03	202	501636	5.305	ng	98
78) Pyrene	19.38	202	517084	5.436	ng	98
81) Benzo(a)anthracene	21.09	228	286781	3.280	ng	100
83) Chrysene	21.14	228	266424	3.175	ng	97
88) Benzo(b)fluoranthene	22.66	252	378855	4.429	ng	# 95
90) Benzo(a)pyrene	23.22	252	278625	3.511	ng	# 97
92) Benzo(g,h,i)perylene	26.21	276	197564	2.446	ng	# 88

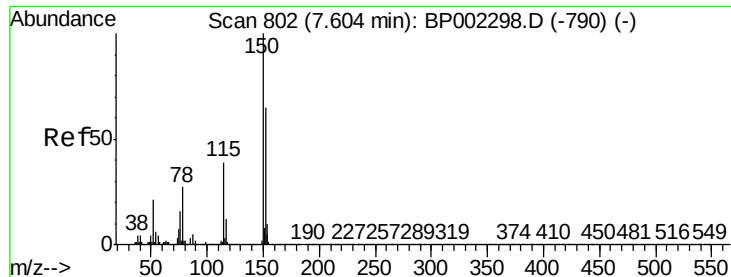
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
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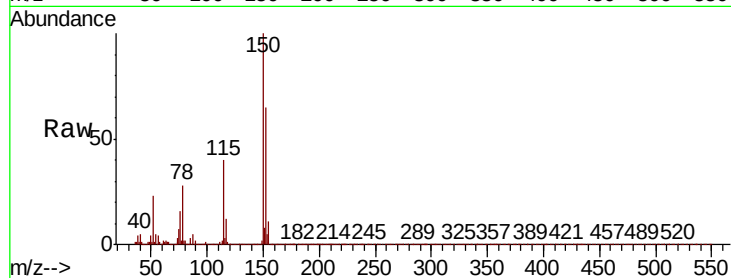


#1

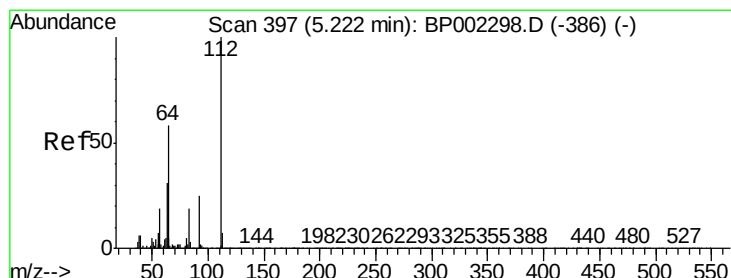
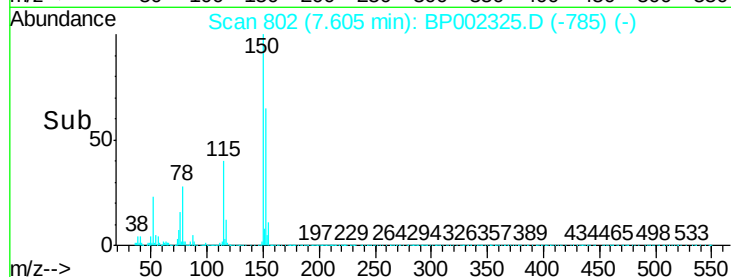
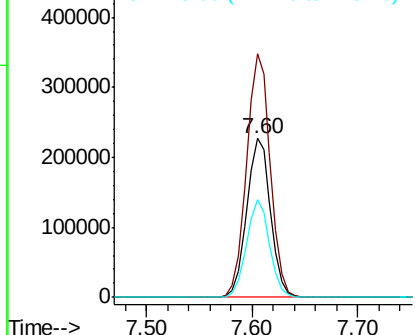
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 802
Delta R.T. -0.00 min
Lab File: BP002325.D
Acq: 29 May 2020 20:52

Instrument :
BNA_P
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.7	187.1
115	61.8	49.4	74.2



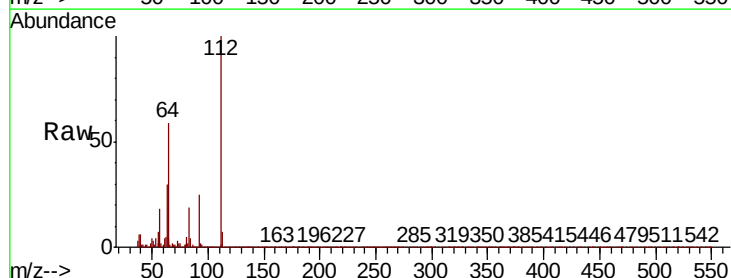
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



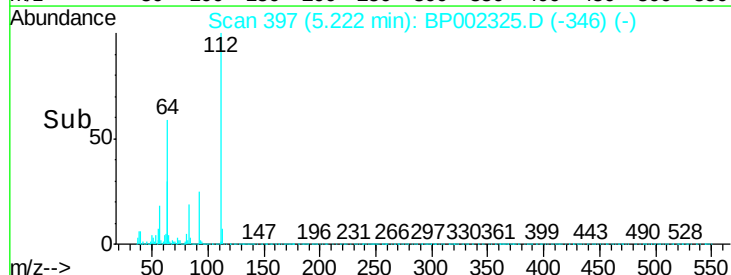
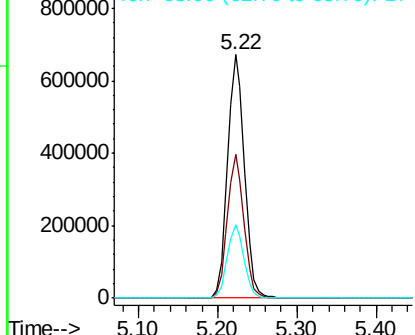
#5

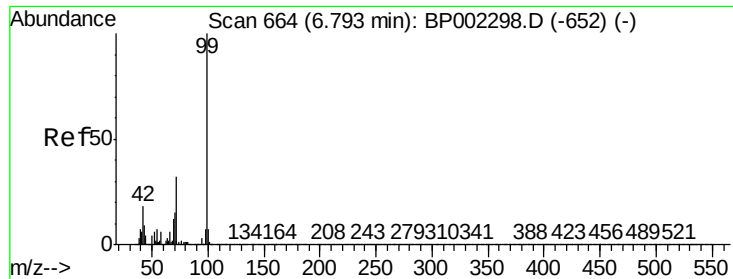
2-Fluorophenol
Concen: 52.355 ng
RT: 5.22 min Scan# 397
Delta R.T. -0.00 min
Lab File: BP002325.D
Acq: 29 May 2020 20:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.0	70.4
63	30.1	24.0	36.0



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: 53.061 ng

RT: 6.79 min Scan# 664

Delta R.T. -0.00 min

Lab File: BP002325.D

Acq: 29 May 2020 20:52

Instrument :

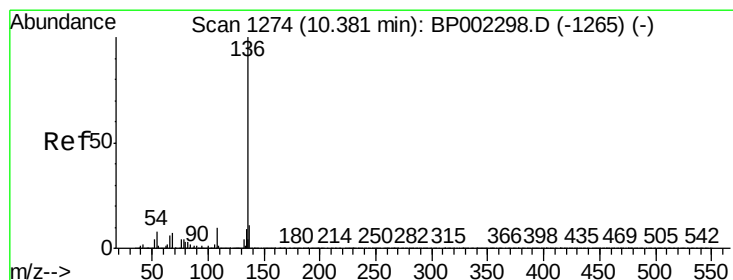
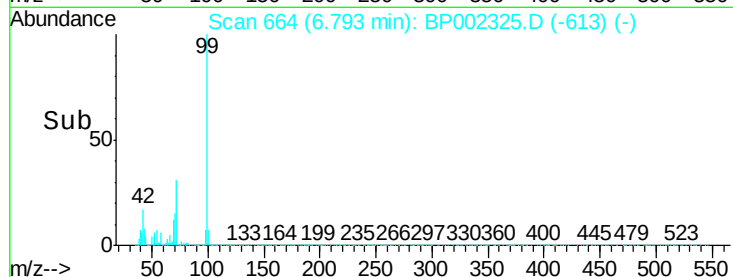
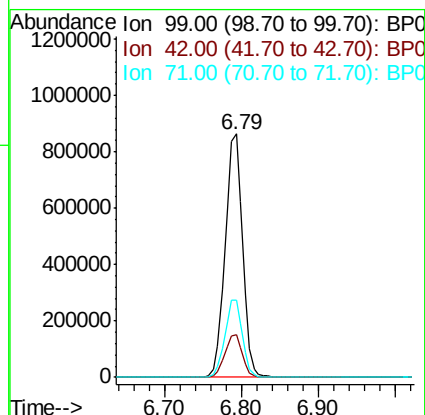
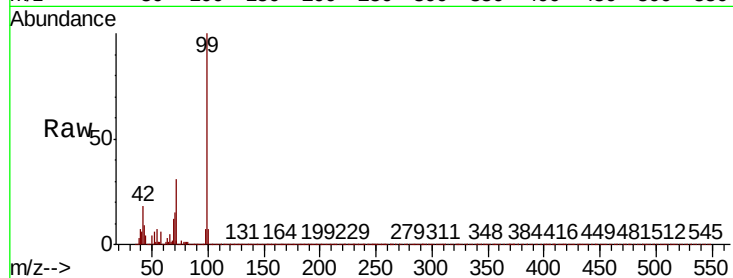
BNA_P

ClientSampleId :

NM86-COMP-2020-0-6

Tot Ion: 99 Resp: 1358987

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.9	20.9
71	31.5	25.8	38.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.38 min Scan# 1274

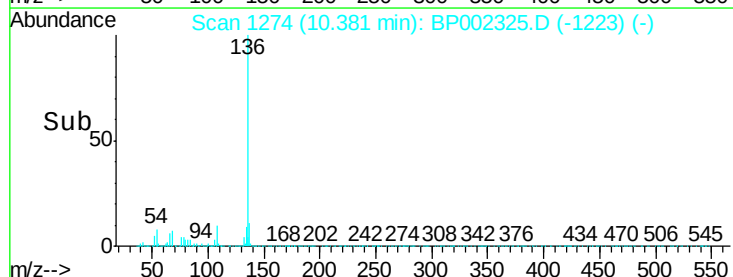
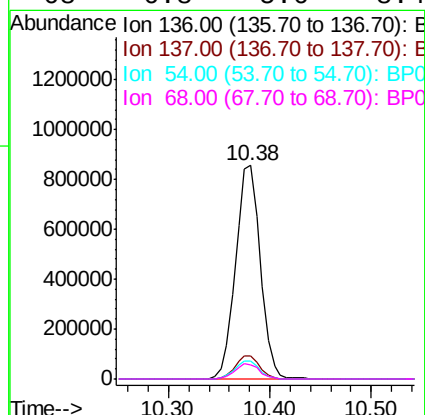
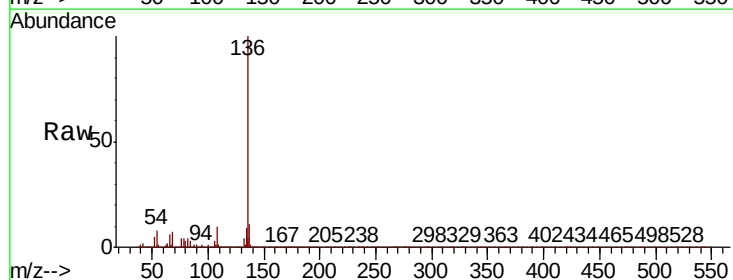
Delta R.T. -0.00 min

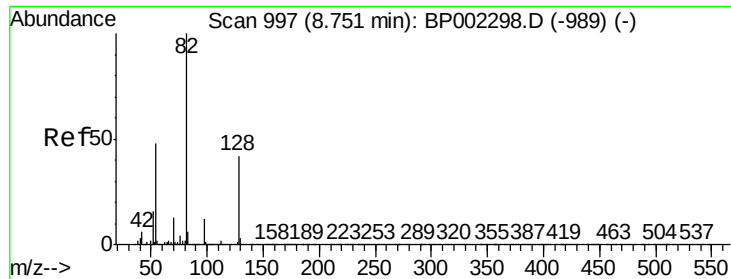
Lab File: BP002325.D

Acq: 29 May 2020 20:52

Tgt Ion: 136 Resp: 1450669

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.3	6.9	10.3
68	6.8	5.6	8.4

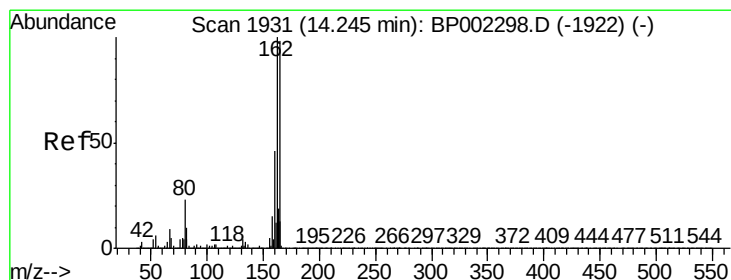
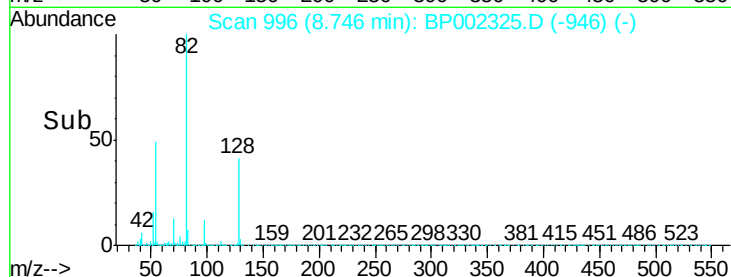
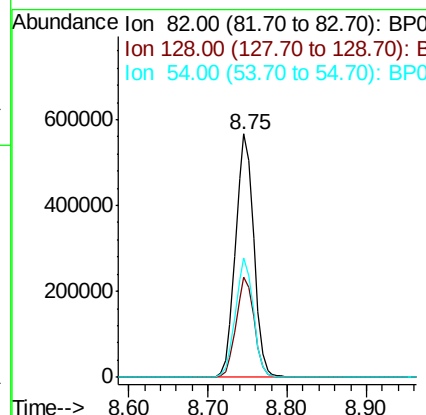
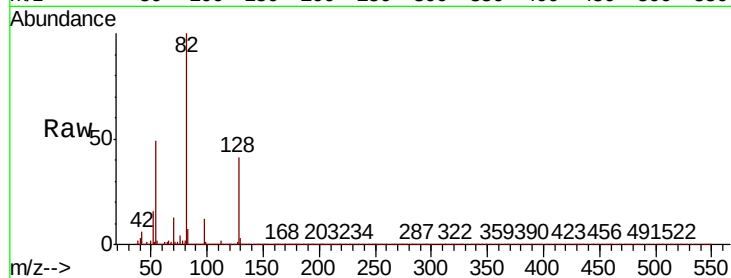




#23
 Nitrobenzene-d5
 Concen: 37.479 ng
 RT: 8.75 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BP002325.D
 Acq: 29 May 2020 20:52

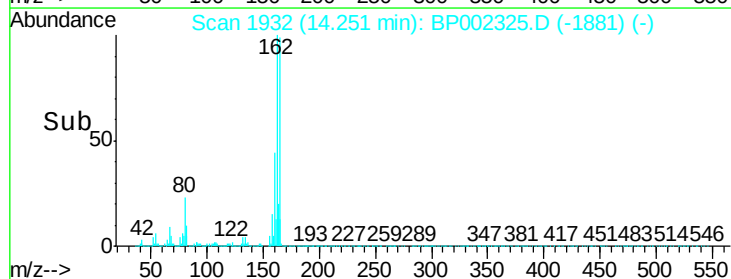
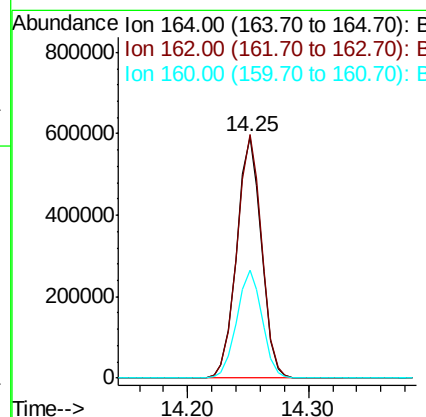
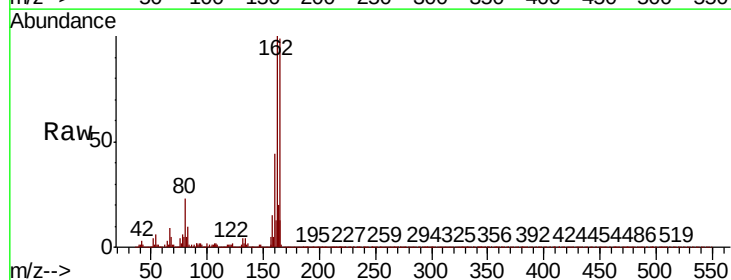
Instrument :
 BNA_P
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 NM86-COMP-2020-0-6

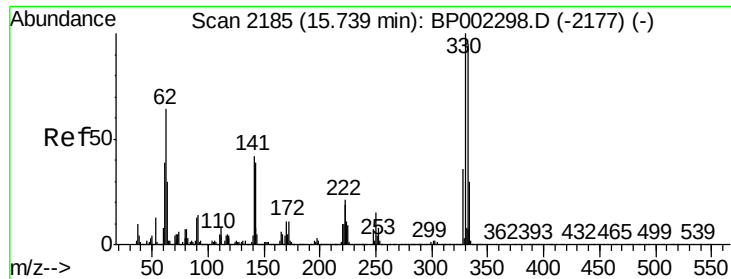
Tot Ion	82	Resp	904313
Ion Ratio	Lower	Upper	
82	100		
128	40.9	33.4	50.0
54	49.0	38.3	57.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.25 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: BP002325.D
 Acq: 29 May 2020 20:52

Tgt Ion	164	Resp	846420
Ion Ratio	Lower	Upper	
164	100		
162	100.8	81.3	121.9
160	44.8	37.2	55.8

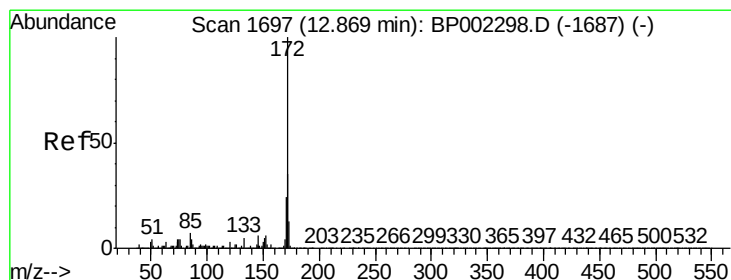
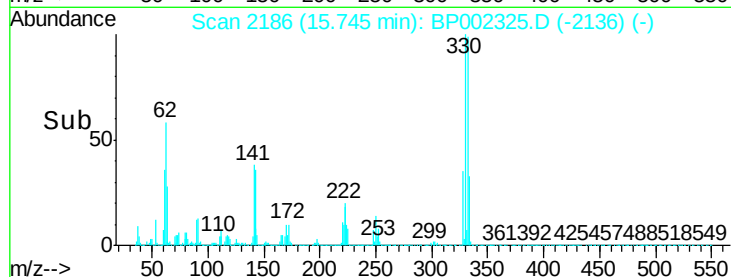
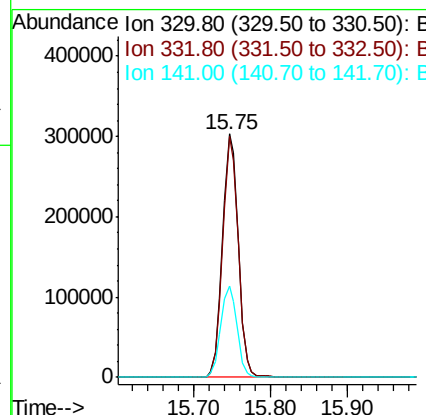
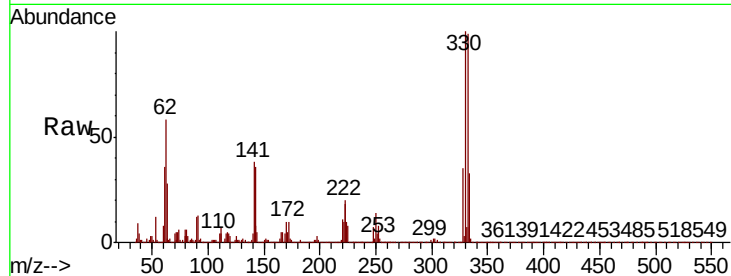




#42
2,4,6-Tribromophenol
Concen: 53.538 ng
RT: 15.75 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BP002325.D
Acq: 29 May 2020 20:52

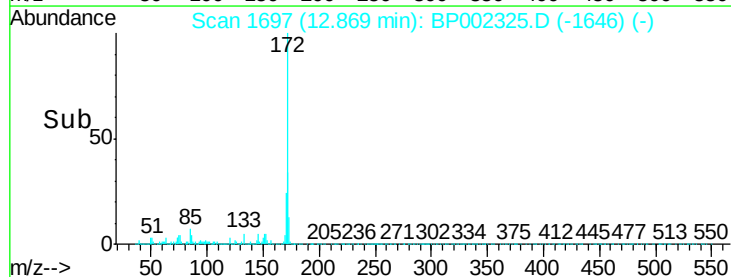
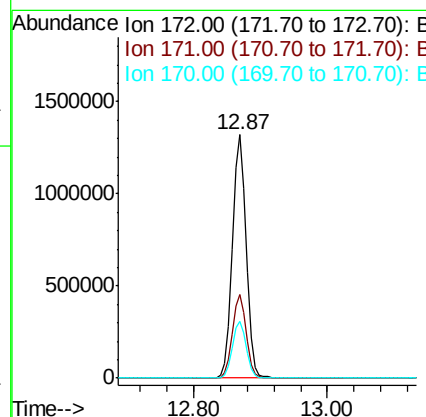
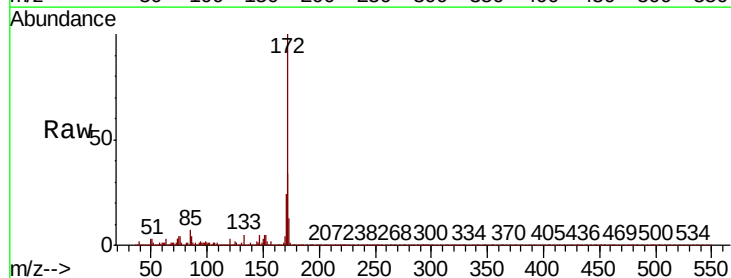
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BNA_P
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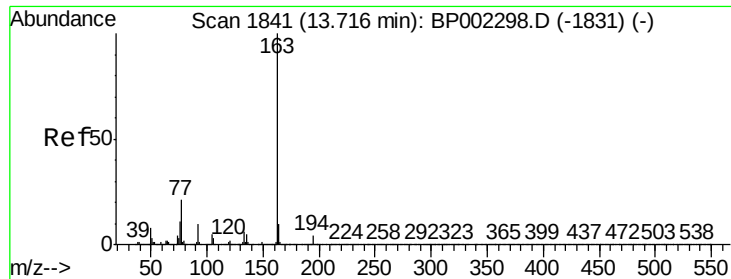
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.9	115.3
141	38.2	31.4	47.2



#45
2-Fluorobiphenyl
Concen: 40.393 ng
RT: 12.87 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BP002325.D
Acq: 29 May 2020 20:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.6	41.4
170	23.5	18.9	28.3

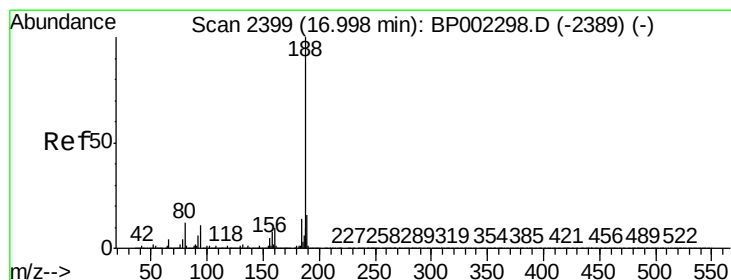
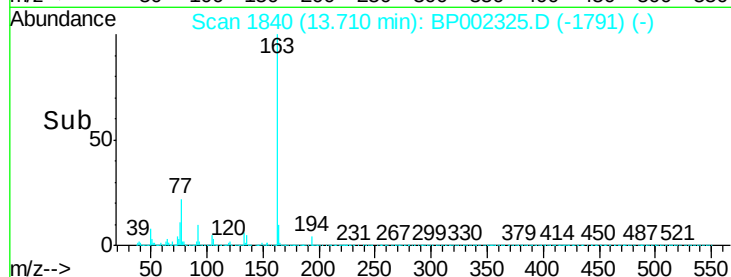
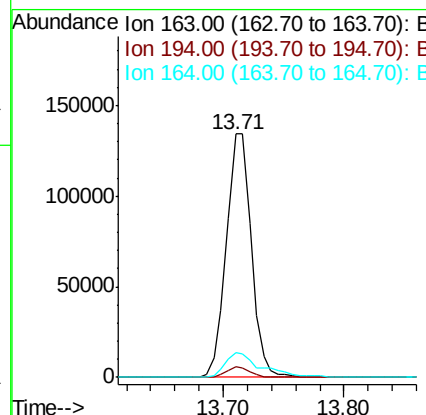
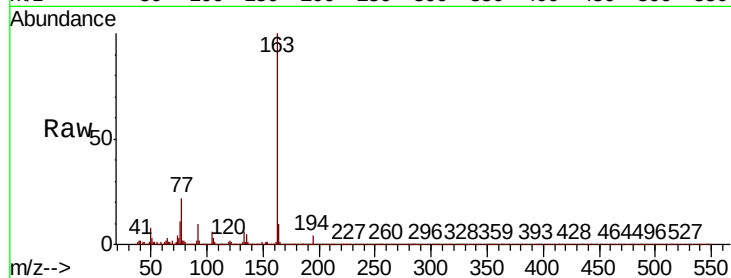




#50
Dimethylphthalate
Concen: 3.359 ng
RT: 13.71 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BP002325.D
Acq: 29 May 2020 20:52

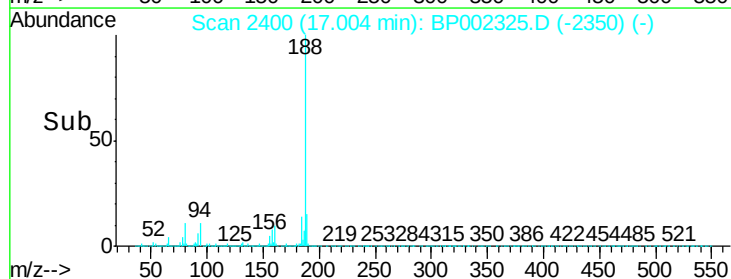
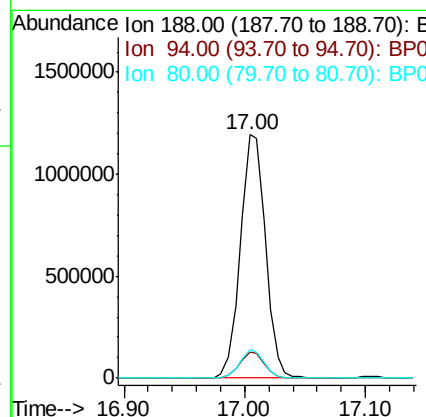
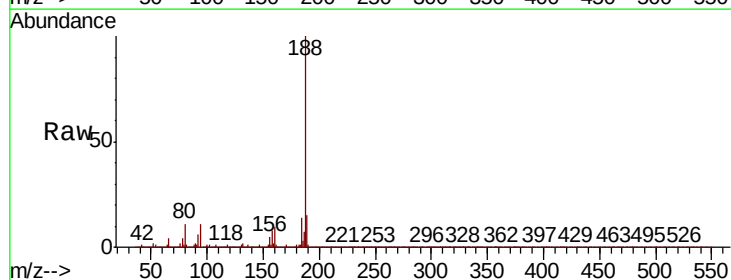
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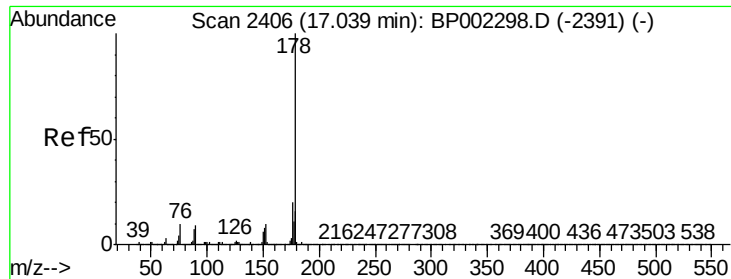
Tot Ion:163 Resp: 192426
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.2 8.1 12.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.00 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BP002325.D
Acq: 29 May 2020 20:52

Tgt Ion:188 Resp: 1733272
Ion Ratio Lower Upper
188 100
94 10.9 8.7 13.1
80 11.5 9.3 13.9





#71

Phenanthrene

Concen: 2.295 ng

RT: 17.05 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BP002325.D

Acq: 29 May 2020 20:52

Instrument :

BNA_P

ClientSampleId :

NM86-COMP-2020-0-6

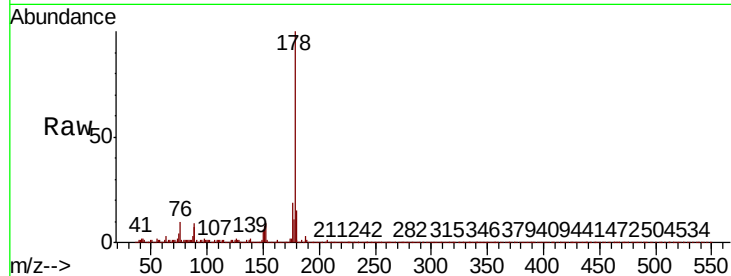
Tot Ion:178 Resp: 188414

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

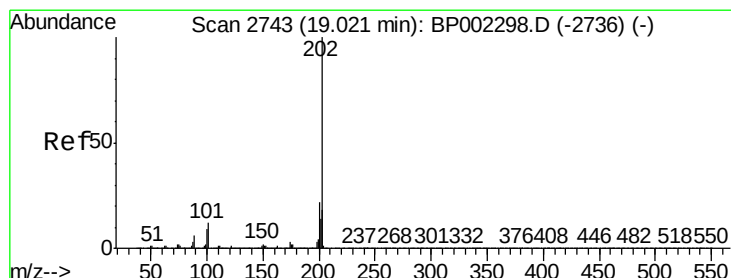
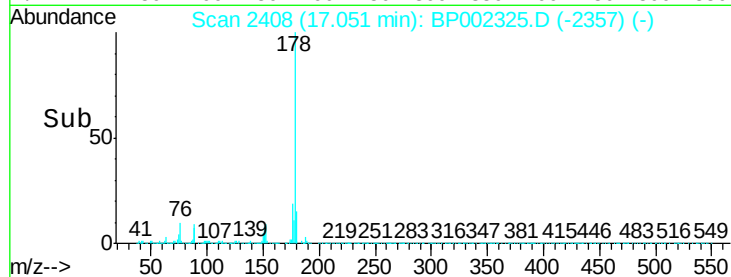
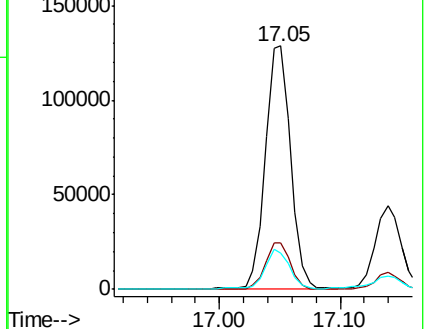
179 15.0 12.6 18.8



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



#75

Fluoranthene

Concen: 5.305 ng

RT: 19.03 min Scan# 2745

Delta R.T. -0.00 min

Lab File: BP002325.D

Acq: 29 May 2020 20:52

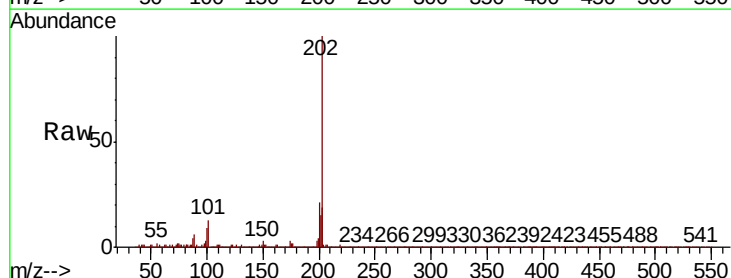
Tgt Ion:202 Resp: 501636

Ion Ratio Lower Upper

202 100

101 13.2 0.0 32.1

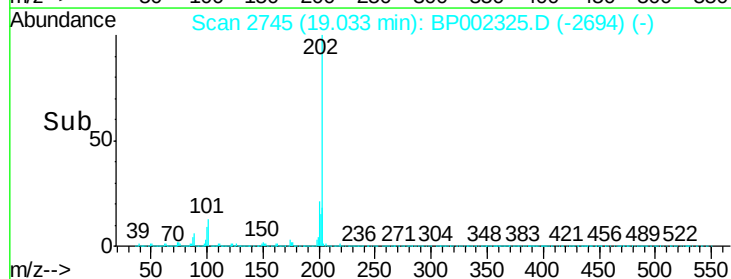
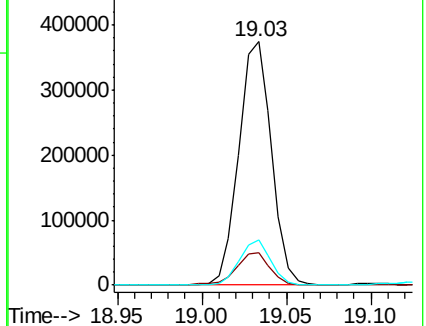
203 18.5 0.0 37.6

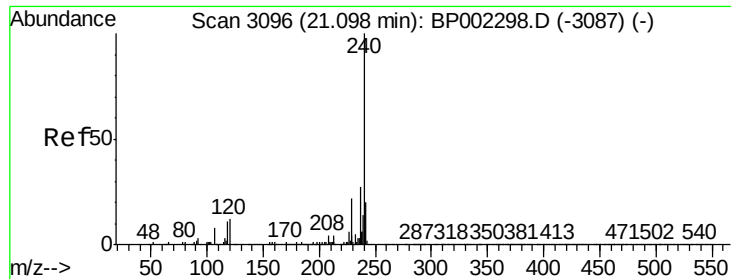


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

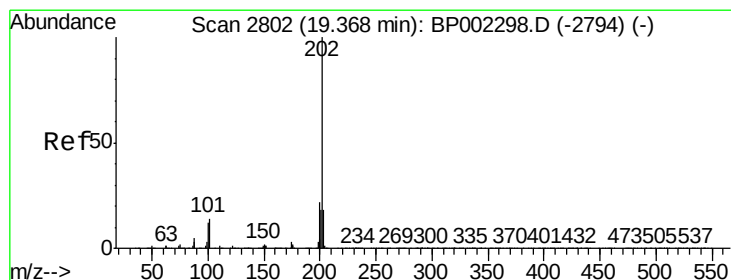
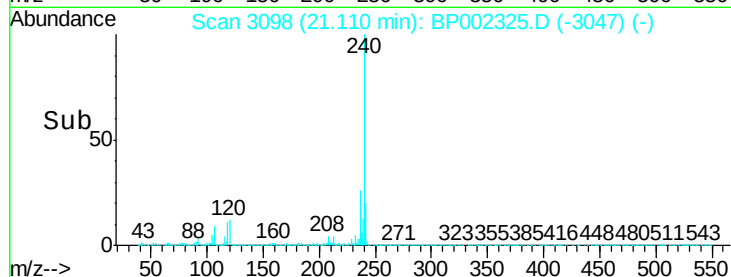
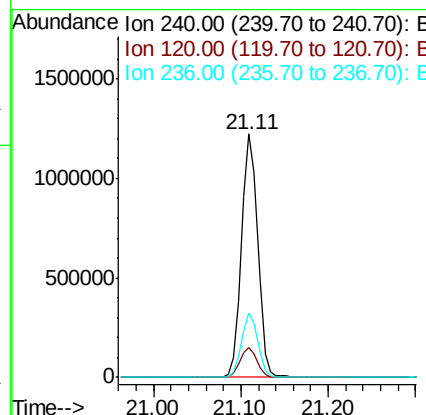
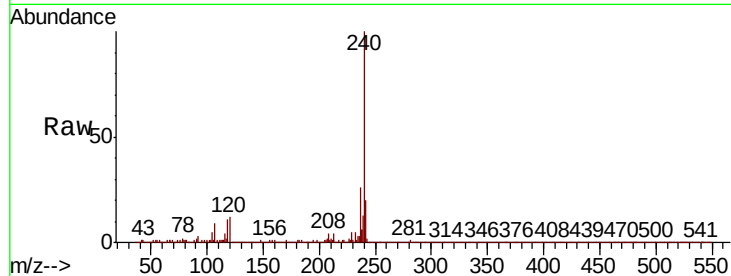




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.11 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BP002325.D
Acq: 29 May 2020 20:52

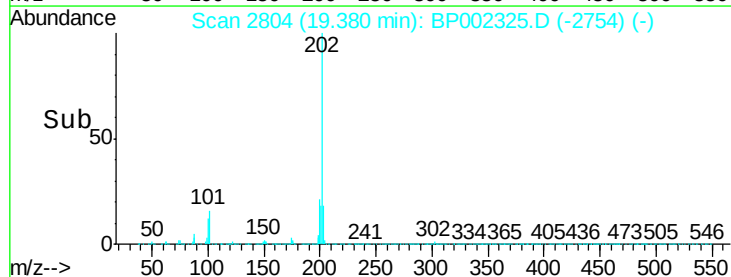
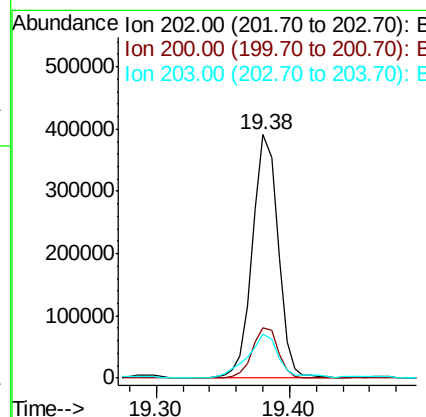
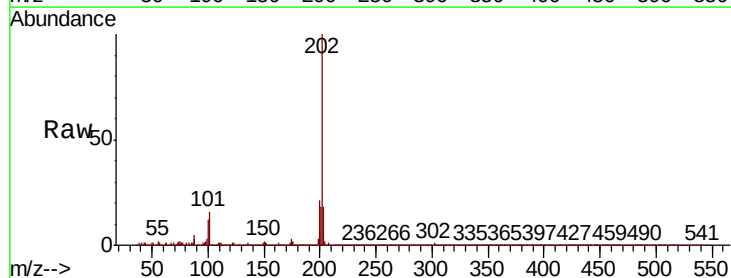
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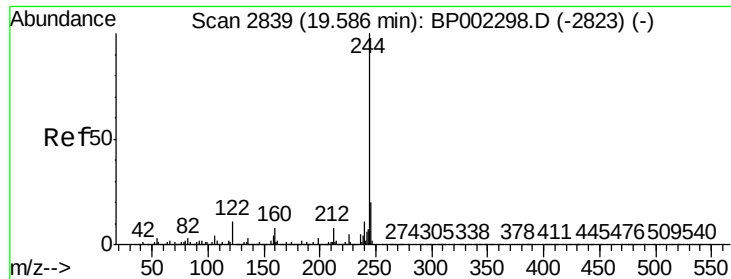
Tot Ion:240 Resp: 1527551
Ion Ratio Lower Upper
240 100
120 12.5 8.7 13.1
236 26.3 21.0 31.4



#78
Pyrene
Concen: 5.436 ng
RT: 19.38 min Scan# 2804
Delta R.T. -0.01 min
Lab File: BP002325.D
Acq: 29 May 2020 20:52

Tgt Ion:202 Resp: 517084
Ion Ratio Lower Upper
202 100
200 20.7 17.3 25.9
203 18.2 13.8 20.6





#79

Terphenyl-d14

Concen: 40.706 ng

RT: 19.59 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BP002325.D

Acq: 29 May 2020 20:52

Instrument :

BNA_P

ClientSampleId :

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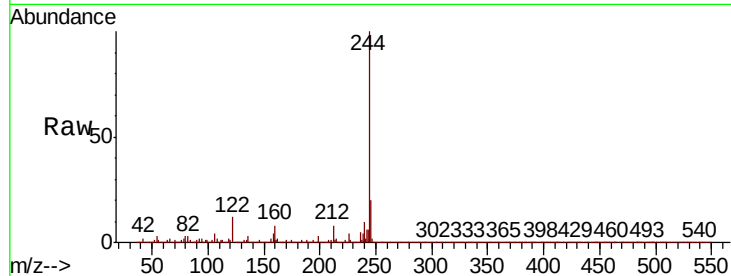
Tot Ion:244 Resp: 2567611

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

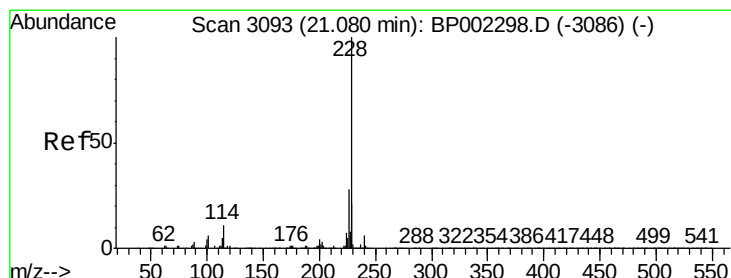
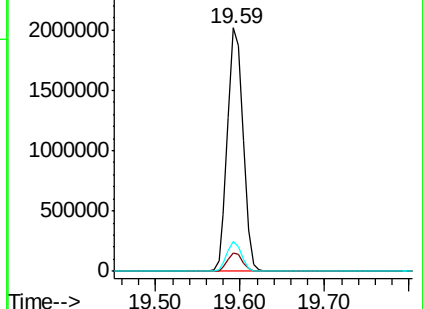
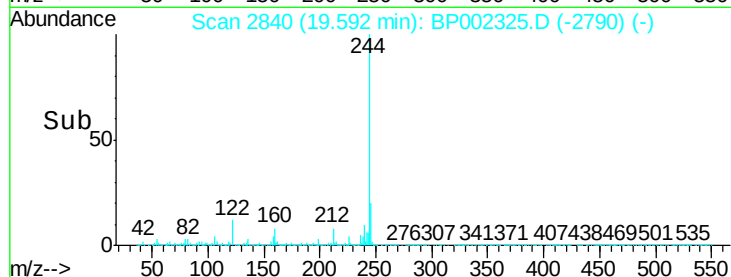
122 12.2 9.4 14.0



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



#81

Benzo(a)anthracene

Concen: 3.280 ng

RT: 21.09 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BP002325.D

Acq: 29 May 2020 20:52

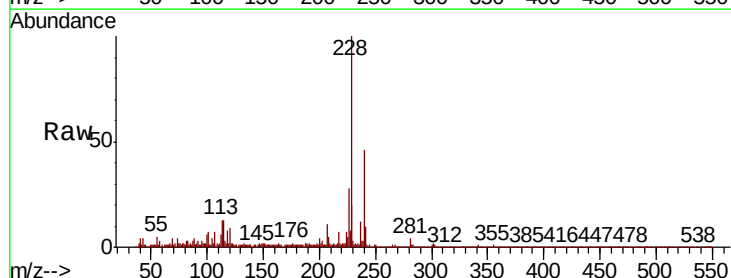
Tgt Ion:228 Resp: 286781

Ion Ratio Lower Upper

228 100

226 28.2 22.7 34.1

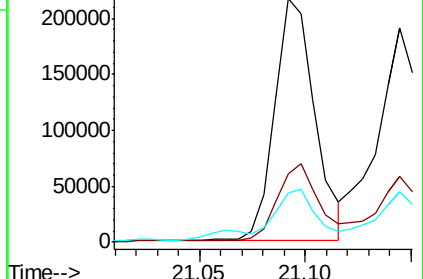
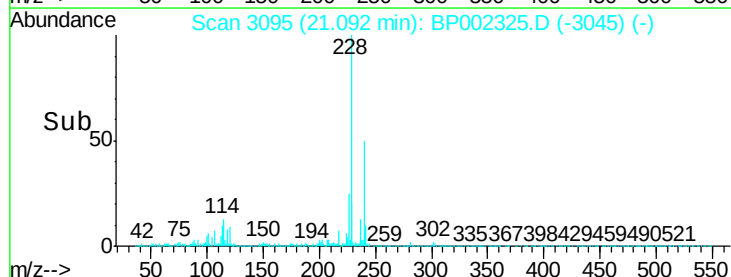
229 20.3 16.3 24.5

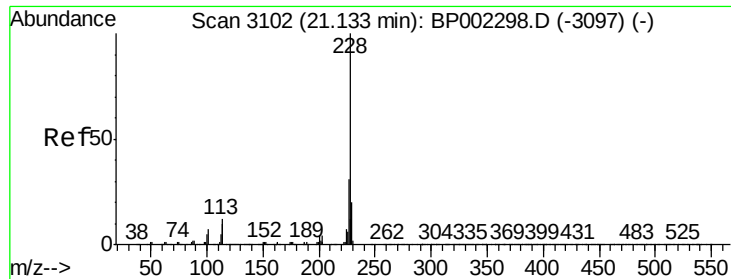


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

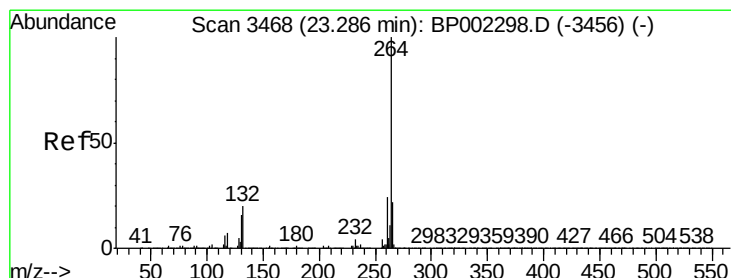
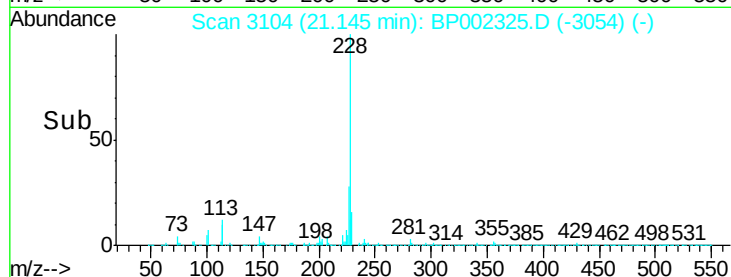
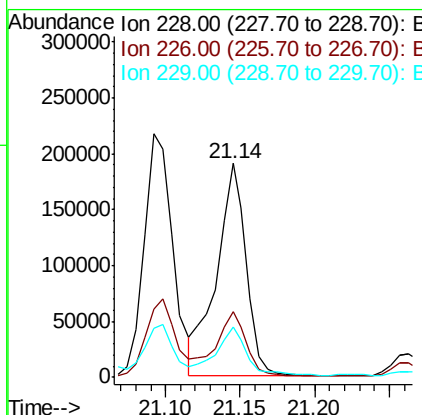
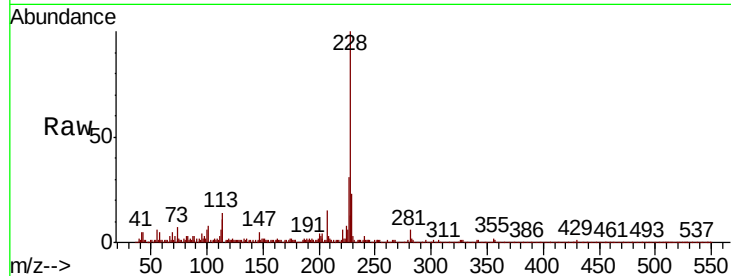




#83
Chrysene
Concen: 3.175 ng
RT: 21.14 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BP002325.D
Acq: 29 May 2020 20:52

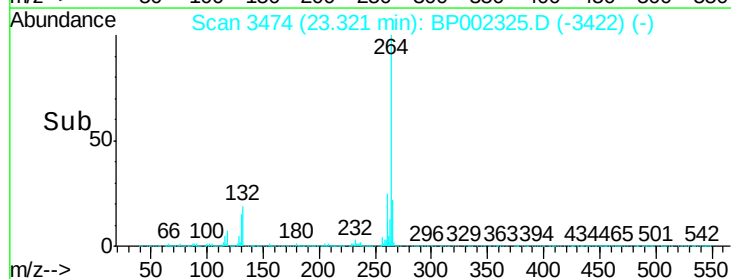
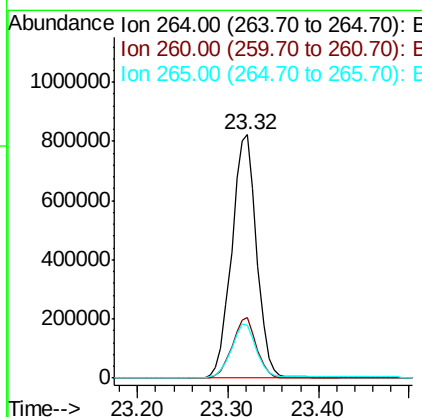
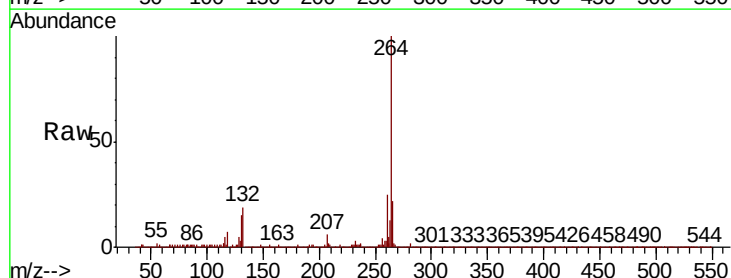
Instrument :
BNA_P
ClientSampleId :
NM86-COMP-2020-0-6

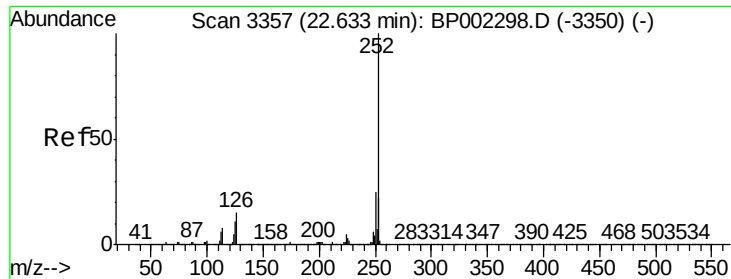
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	23.2	16.2	24.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.32 min Scan# 3474
Delta R.T. 0.01 min
Lab File: BP002325.D
Acq: 29 May 2020 20:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.2
265	21.7	17.8	26.6

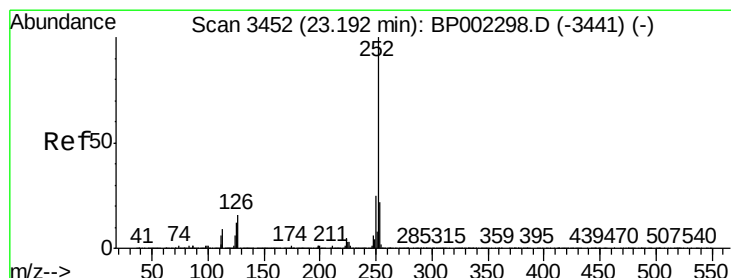
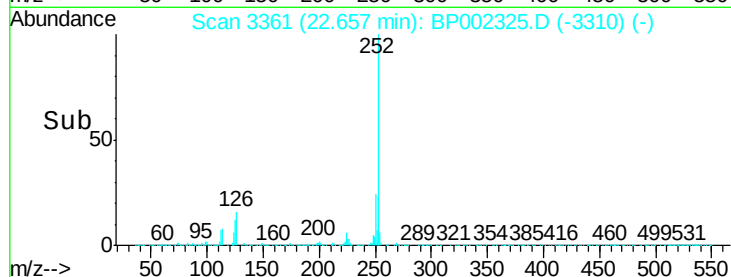
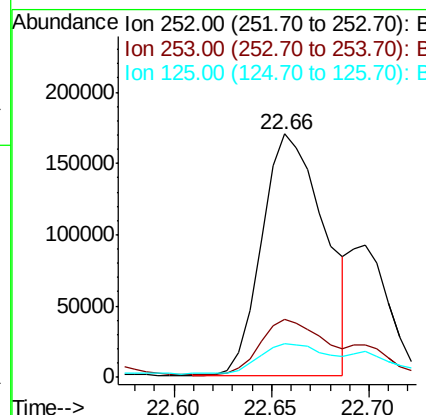
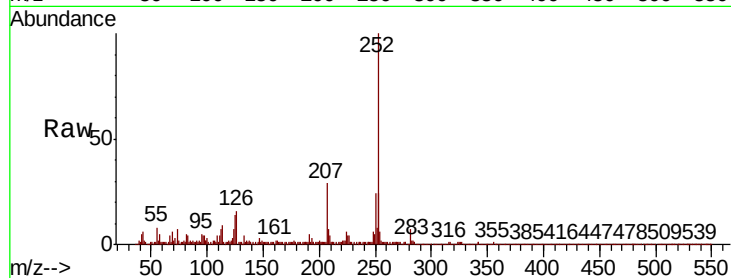




#88
Benzo(b)fluoranthene
Concen: 4.429 ng
RT: 22.66 min Scan# 3361
Delta R.T. -0.00 min
Lab File: BP002325.D
Acq: 29 May 2020 20:52

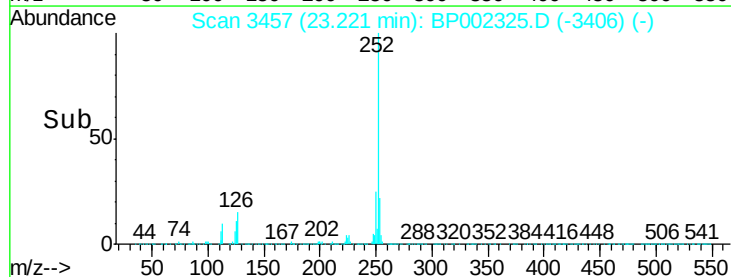
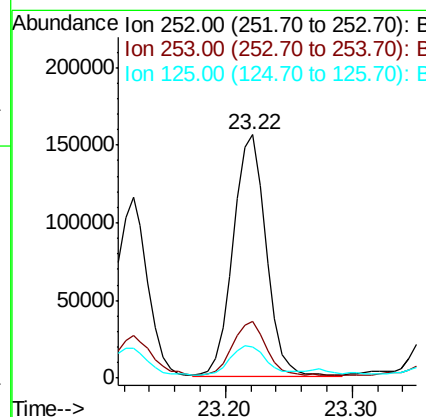
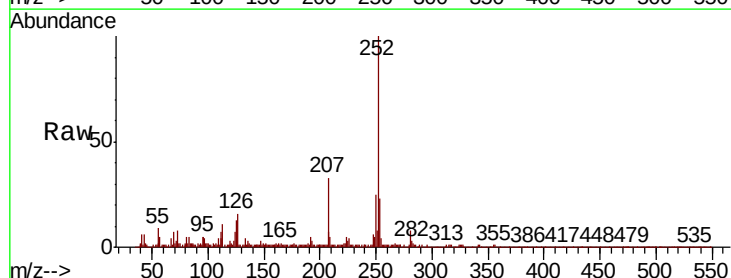
Instrument :
BNA_P
ClientSampleId :
NM86-COMP-2020-0-6

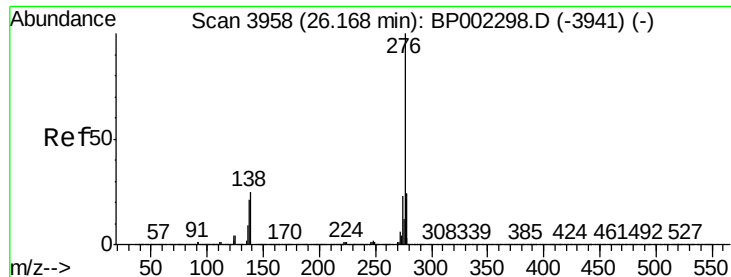
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	13.7	7.2	10.8



#90
Benzo(a)pyrene
Concen: 3.511 ng
RT: 23.22 min Scan# 3457
Delta R.T. -0.00 min
Lab File: BP002325.D
Acq: 29 May 2020 20:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	12.6	8.4	12.6





#92

Benzo(a,h,i)perylene

Concen: 2.446 ng

RT: 26.21 min Scan# 3965

Delta R.T. -0.01 min

Lab File: BP002325.D

Acq: 29 May 2020 20:52

Instrument :

BNA_P

ClientSampleId :

NM86-COMP-2020-0-6

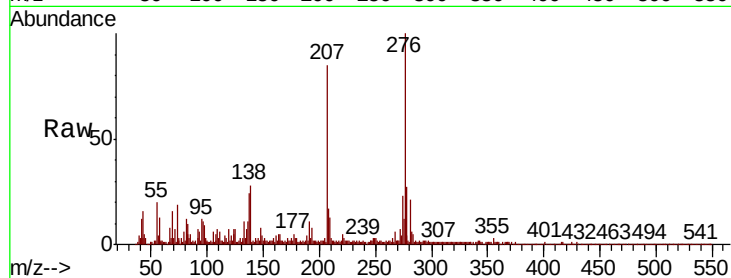
Tot Ion: 276 Resp: 197564

Ion Ratio Lower Upper

276 100

277 27.2 18.6 28.0

138 27.8 16.0 24.0#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

