

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072020\
 Data File : BP002804.D
 Acq On : 20 Jul 2020 17:11
 Operator : CG/JU
 Sample : L3325-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 200715091-01

Quant Time: Jul 21 01:58:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	175642	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	721785	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	394677	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	704887	20.00	ng	0.00
76) Chrysene-d12	21.07	240	569521	20.00	ng	0.00
86) Perylene-d12	23.26	264	555891	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	930300	89.36	ng	0.00
7) Phenol-d6	6.76	99	1356135	91.28	ng	0.00
23) Nitrobenzene-d5	8.70	82	1063469	78.80	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	495825	120.35	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1891873	74.15	ng	0.00
79) Terphenyl-d14	19.56	244	2189503	88.14	ng	0.00

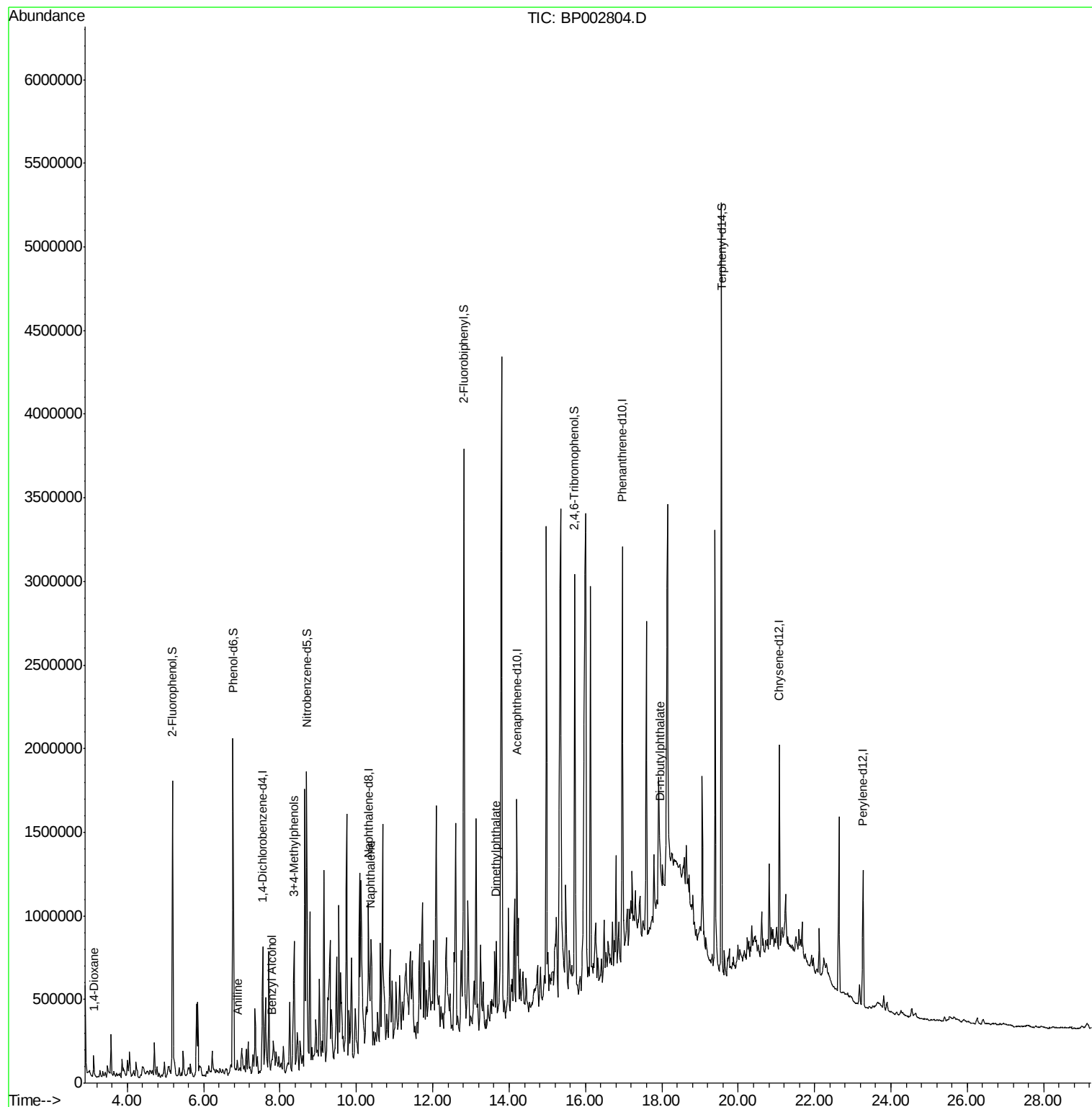
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.12	88	60938	13.426	ng	# 95
6) Aniline	6.88	93	60425	3.213	ng	99
15) Benzyl Alcohol	7.80	79	22917	2.305	ng	95
20) 3+4-Methylphenols	8.36	107	162464	11.332	ng	88
31) Naphthalene	10.37	128	127587	3.348	ng	97
50) Dimethylphthalate	13.67	163	308534	10.250	ng	100
74) Di-n-butylphthalate	17.95	149	108939	2.733	ng	# 94

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

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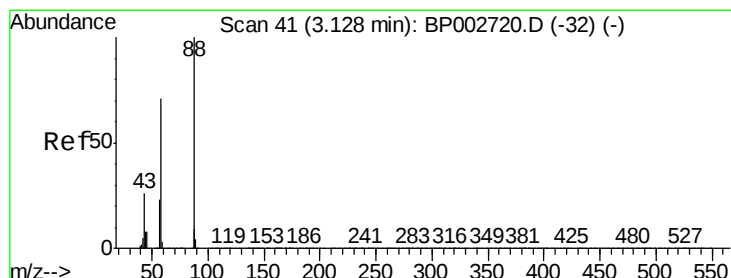
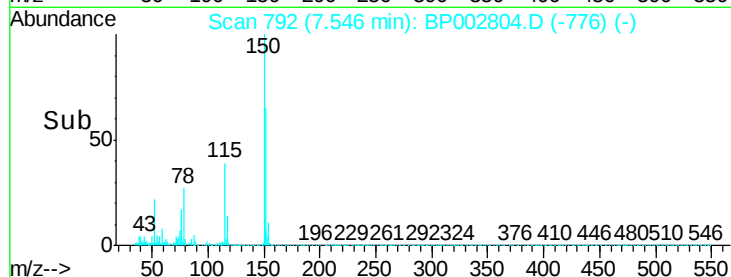
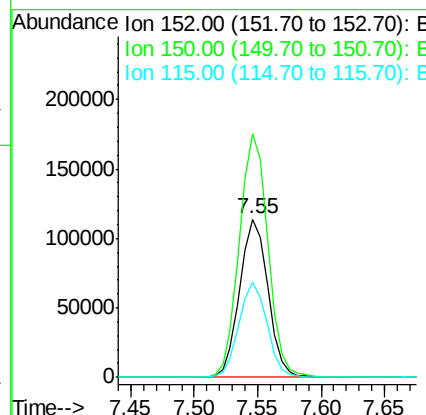
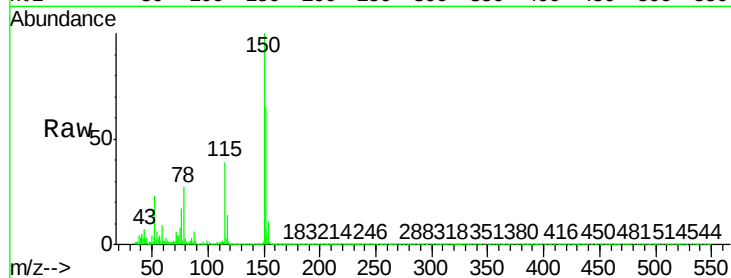


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BP002804.D
Acq: 20 Jul 2020 17:11

Instrument :
BNA_P
ClientSampleId :
200715091-01

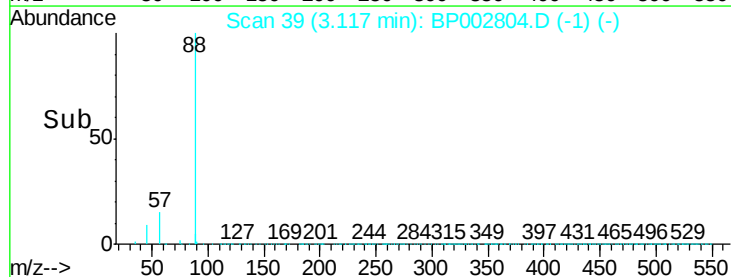
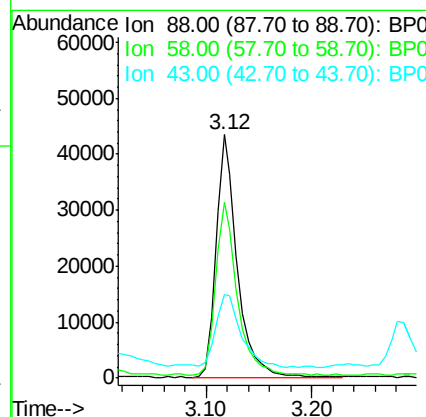
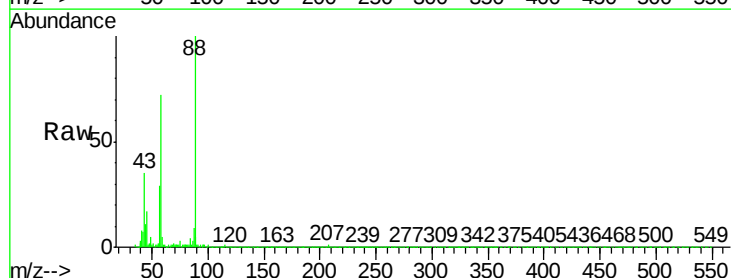
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.7	185.5
115	60.0	47.2	70.8

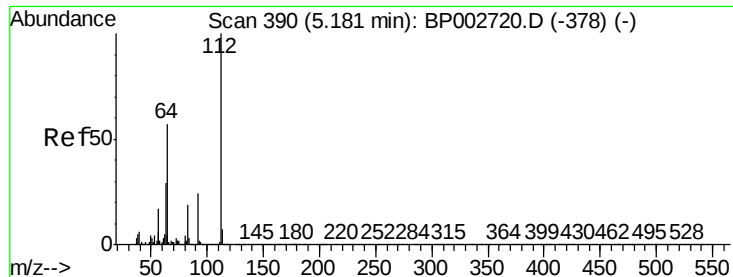


#2

1,4-Dioxane
Concen: 13.426 ng
RT: 3.12 min Scan# 39
Delta R.T. -0.01 min
Lab File: BP002804.D
Acq: 20 Jul 2020 17:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.2	58.2	87.4
43	36.1	21.5	32.3





#5

2-Fluorophenol

Concen: 89.363 ng

RT: 5.19 min Scan# 391

Delta R.T. 0.01 min

Lab File: BP002804.D

Acq: 20 Jul 2020 17:11

Instrument :

BNA_P

ClientSampleId :

200715091-01

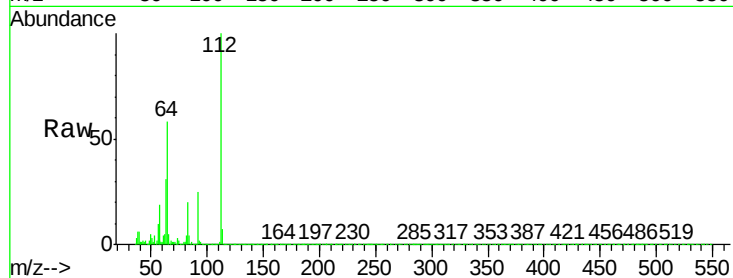
Tot Ion:112 Resp: 930300

Ion Ratio Lower Upper

112 100

64 58.4 45.6 68.4

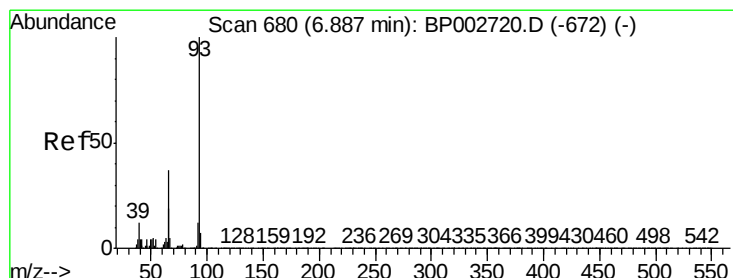
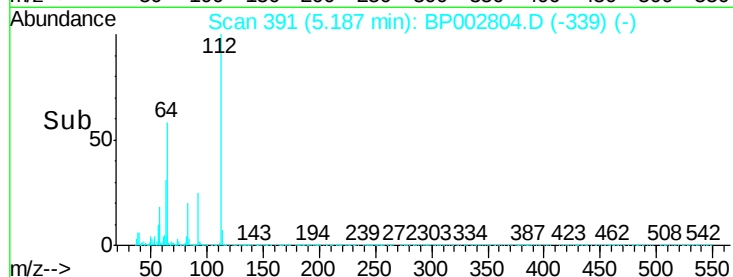
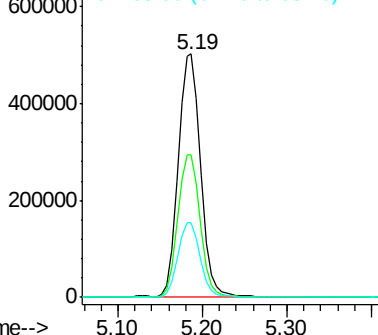
63 30.5 23.5 35.3



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



#6

Aniline

Concen: 3.213 ng

RT: 6.88 min Scan# 679

Delta R.T. -0.01 min

Lab File: BP002804.D

Acq: 20 Jul 2020 17:11

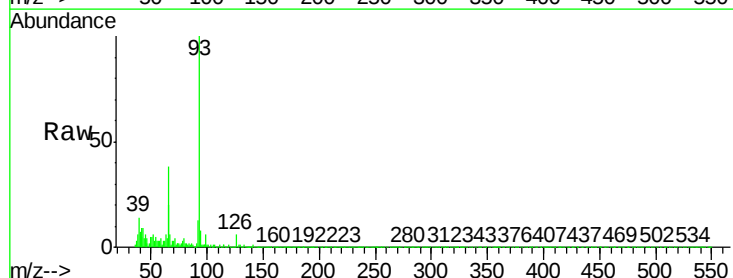
Tgt Ion: 93 Resp: 60425

Ion Ratio Lower Upper

93 100

66 38.2 30.1 45.1

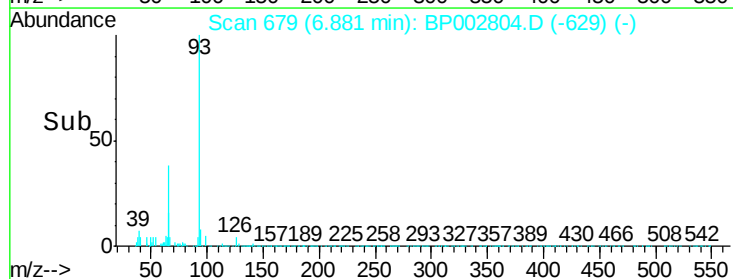
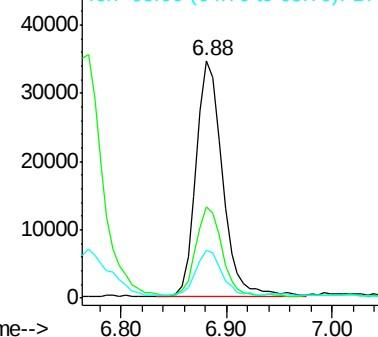
65 19.9 15.4 23.2

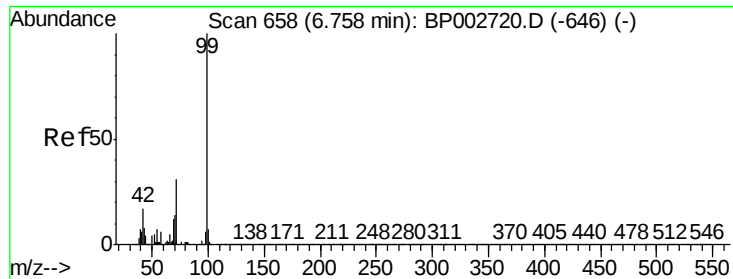


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 91.277 ng

RT: 6.76 min Scan# 659

Delta R.T. 0.01 min

Lab File: BP002804.D

Acq: 20 Jul 2020 17:11

Instrument :

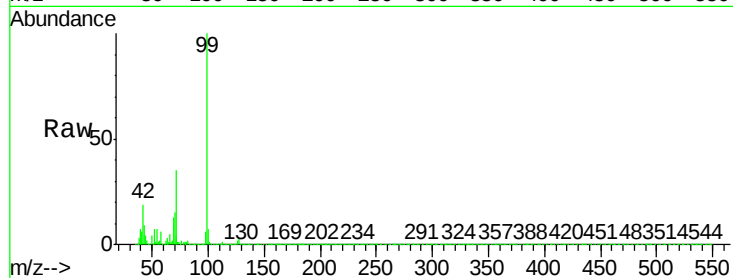
BNA_P

ClientSampleId :

200715091-01

Tot Ion: 99 Resp: 1356135

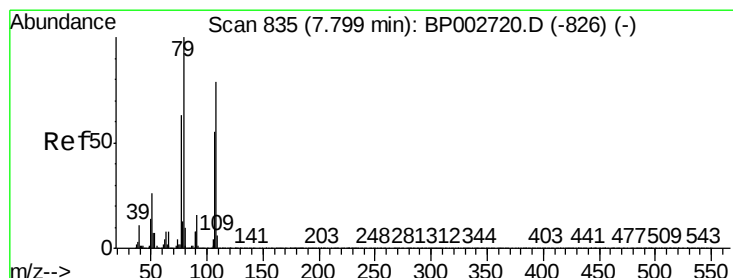
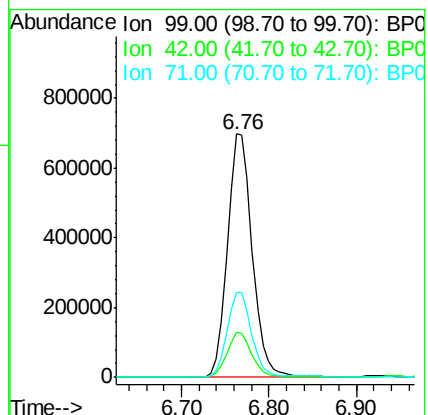
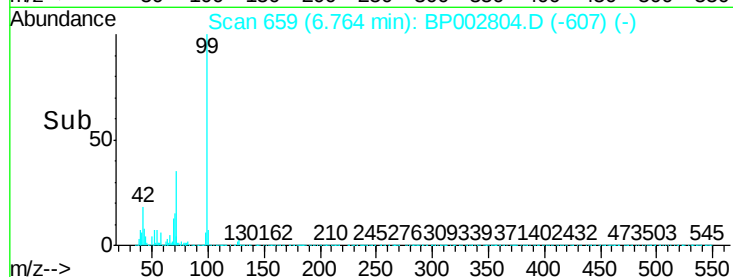
Ion	Ratio	Lower	Upper
99	100		
42	18.5	13.4	20.2
71	34.8	24.6	36.8



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



#15

Benzyl Alcohol

Concen: 2.305 ng

RT: 7.80 min Scan# 835

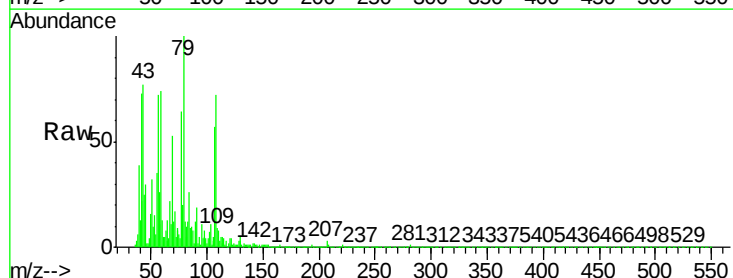
Delta R.T. 0.00 min

Lab File: BP002804.D

Acq: 20 Jul 2020 17:11

Tgt Ion: 79 Resp: 22917

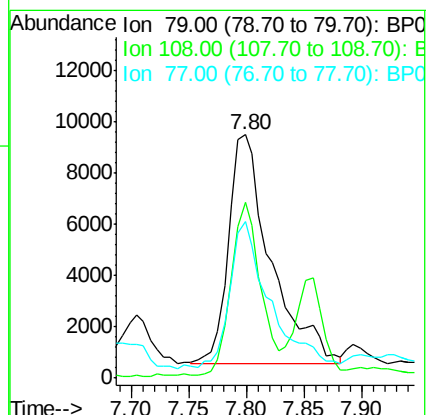
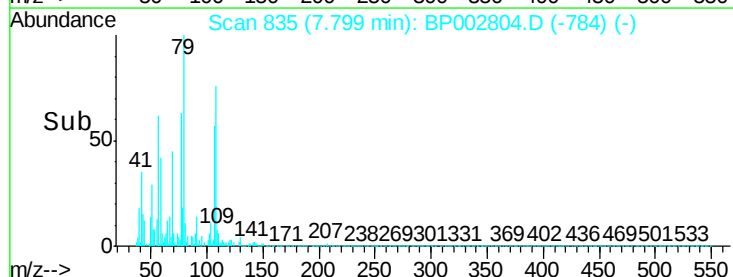
Ion	Ratio	Lower	Upper
79	100		
108	72.4	63.1	94.7
77	64.4	50.8	76.2

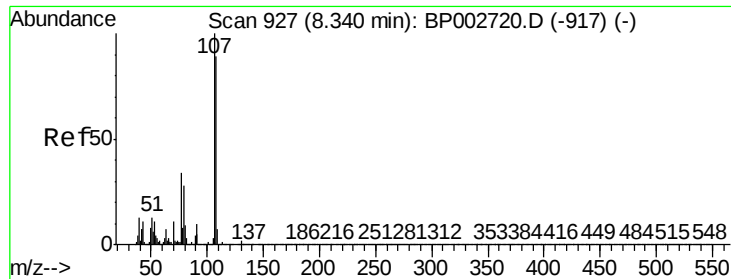


Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): B

Ion 77.00 (76.70 to 77.70): BP0

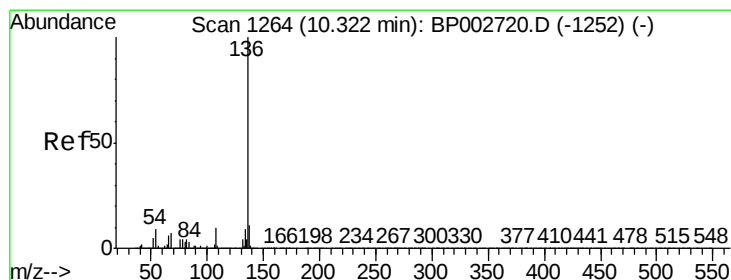
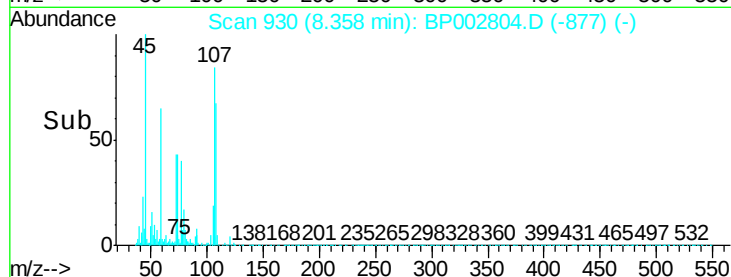
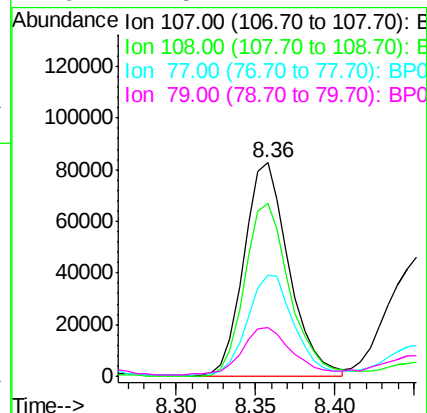
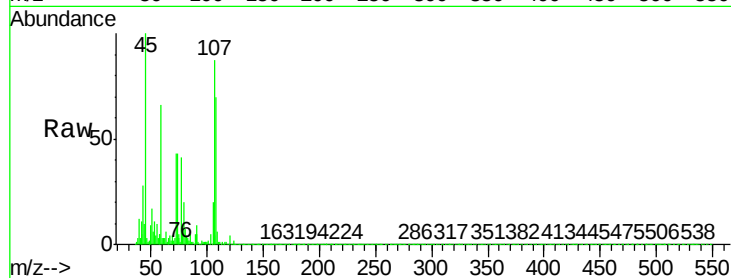




#20
3+4-Methylphenols
Concen: 11.332 ng
RT: 8.36 min Scan# 930
Delta R.T. 0.01 min
Lab File: BP002804.D
Acq: 20 Jul 2020 17:11

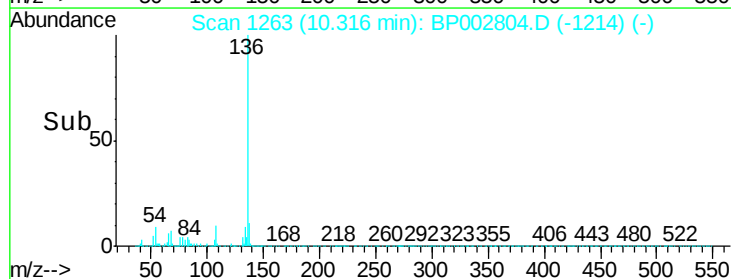
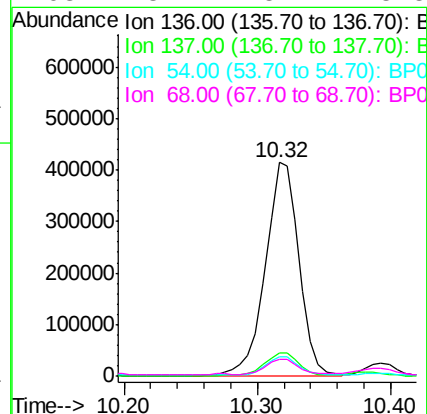
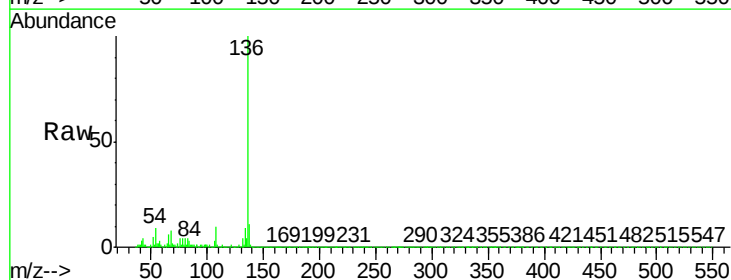
Instrument :
BNA_P
ClientSampleId :
200715091-01

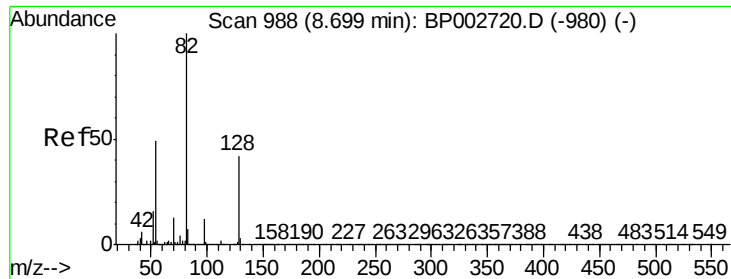
Tot Ion:	107	Resp:	162464
Ion	Ratio	Lower	Upper
107	100		
108	81.0	69.5	109.5
77	47.5	14.3	54.3
79	22.5	7.7	47.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BP002804.D
Acq: 20 Jul 2020 17:11

Tgt Ion:	136	Resp:	721785
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.1	6.9	10.3
68	8.1	5.7	8.5

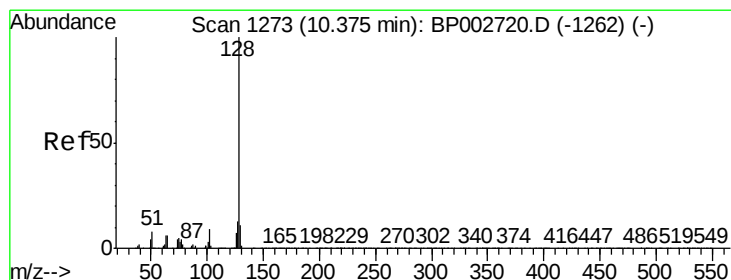
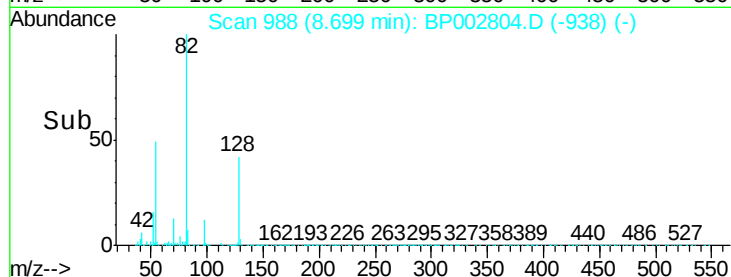
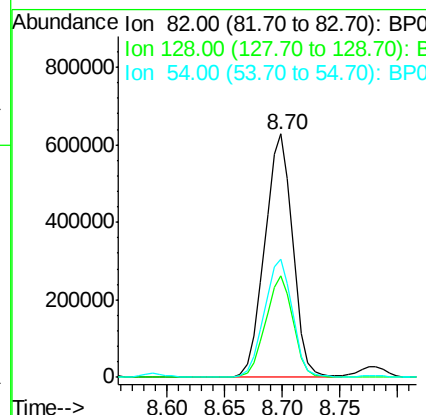
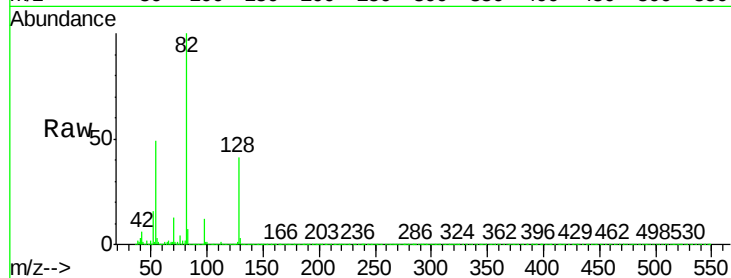




#23
Nitrobenzene-d5
Concen: 78.802 ng
RT: 8.70 min Scan# 988
Delta R.T. -0.01 min
Lab File: BP002804.D
Acq: 20 Jul 2020 17:11

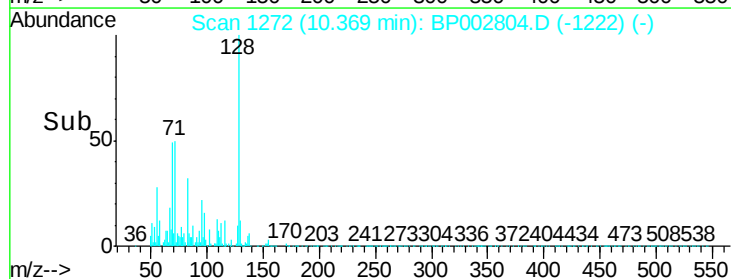
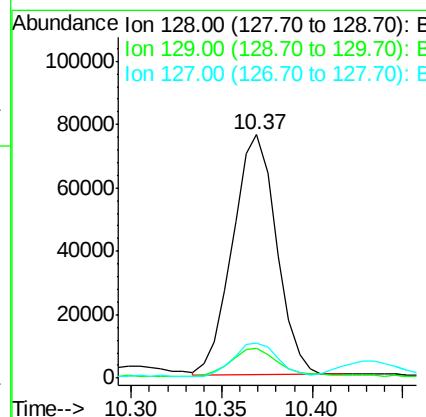
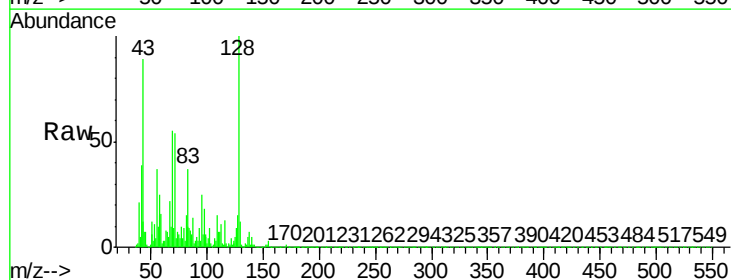
Instrument :
BNA_P
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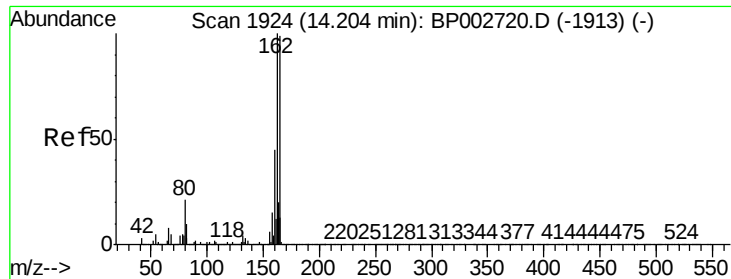
Tot Ion: 82 Resp: 1063469
Ion Ratio Lower Upper
82 100
128 41.5 33.8 50.8
54 48.7 38.8 58.2



#31
Naphthalene
Concen: 3.348 ng
RT: 10.37 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BP002804.D
Acq: 20 Jul 2020 17:11

Tgt Ion: 128 Resp: 127587
Ion Ratio Lower Upper
128 100
129 12.2 8.6 13.0
127 14.5 10.6 15.8

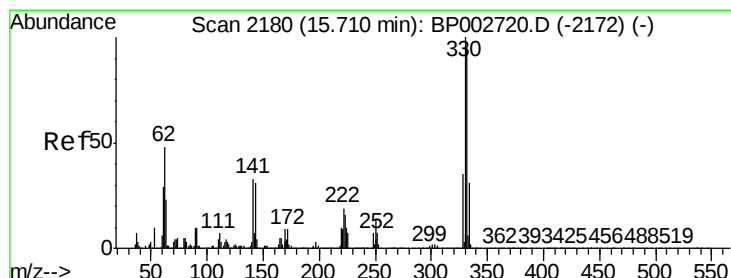
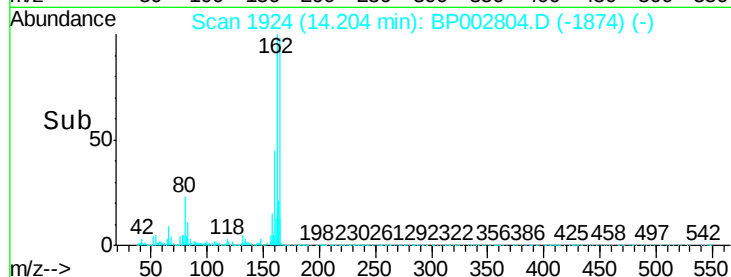
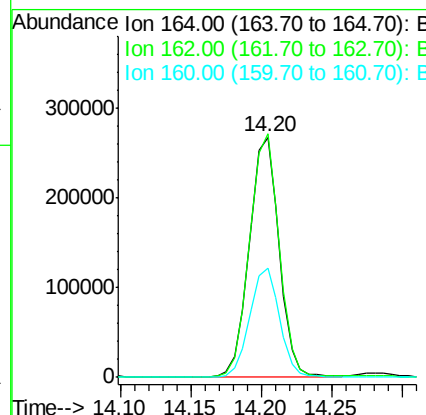
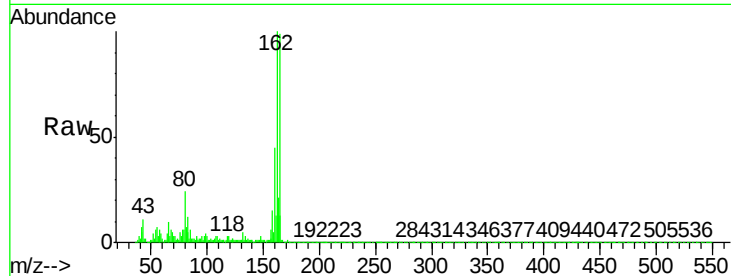




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BP002804.D
Acq: 20 Jul 2020 17:11

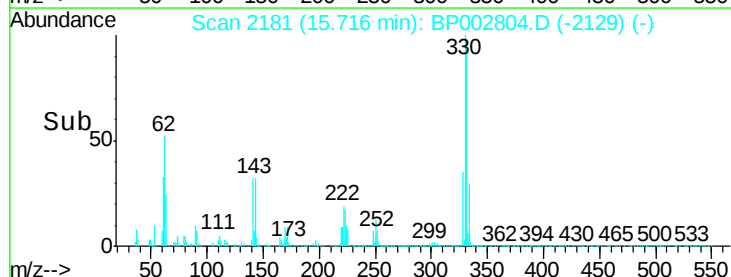
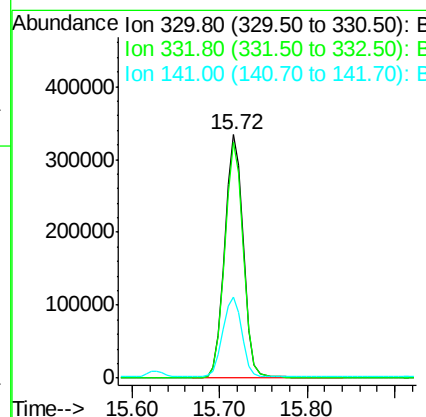
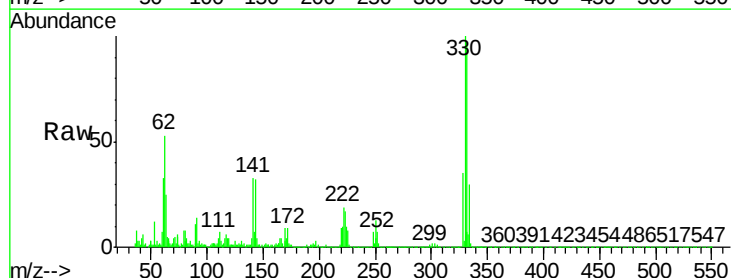
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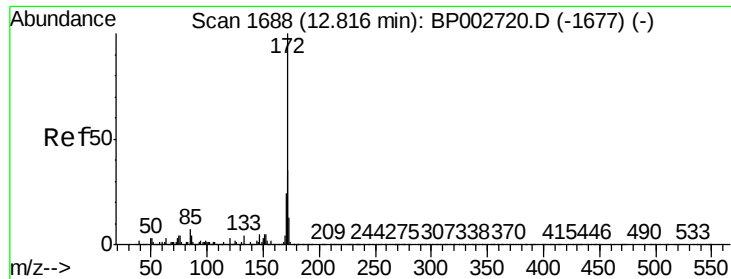
Tot Ion:164 Resp: 394677
Ion Ratio Lower Upper
164 100
162 101.5 80.6 121.0
160 45.4 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 120.352 ng
RT: 15.72 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BP002804.D
Acq: 20 Jul 2020 17:11

Tgt Ion:330 Resp: 495825
Ion Ratio Lower Upper
330 100
332 96.5 76.5 114.7
141 33.7 28.8 43.2

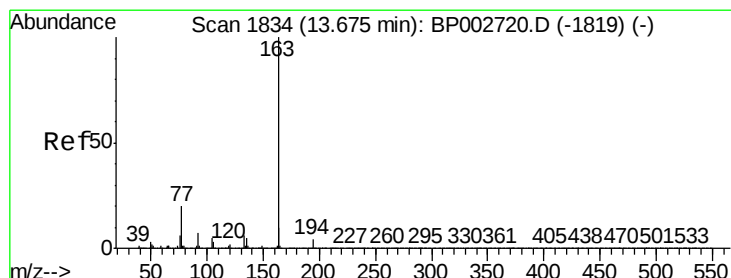
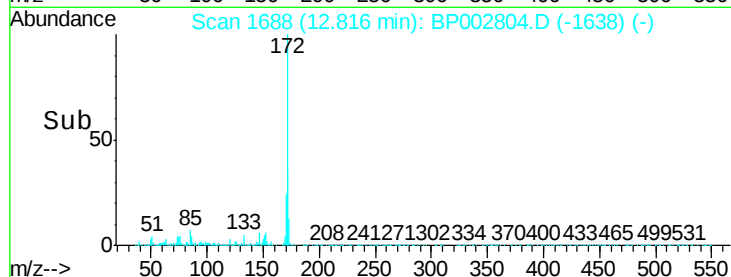
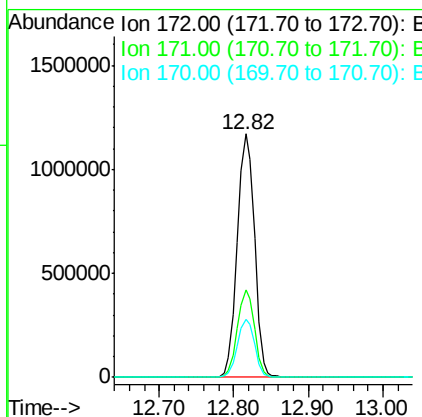
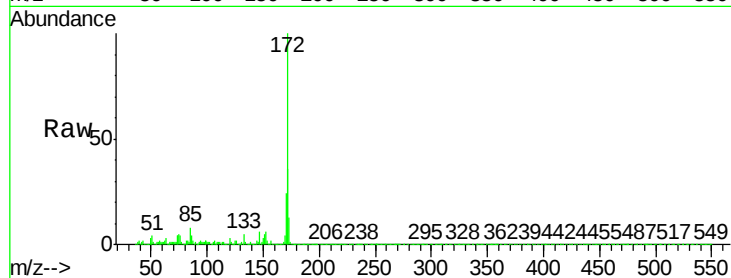




#45
2-Fluorobiphenyl
Concen: 74.154 ng
RT: 12.82 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BP002804.D
Acq: 20 Jul 2020 17:11

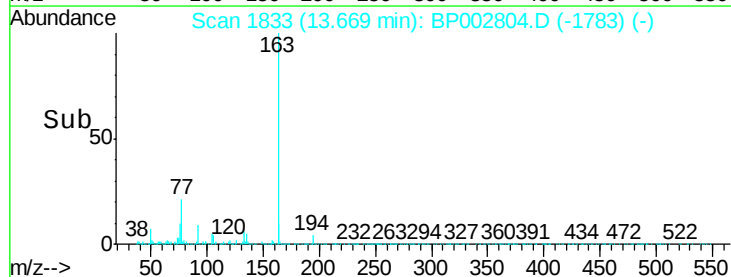
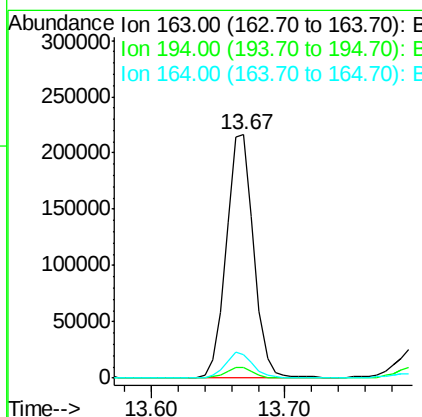
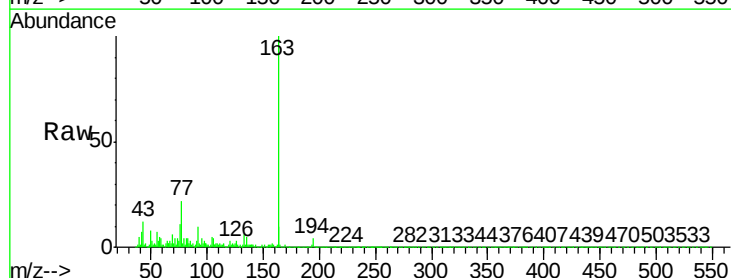
Instrument :
BNA_P
ClientSampleId :
200715091-01

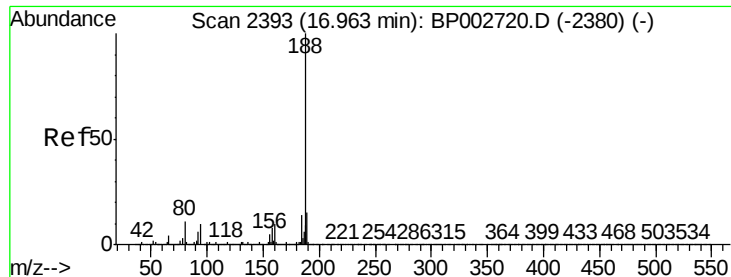
Tot Ion:172 Resp: 1891873
Ion Ratio Lower Upper
172 100
171 35.9 28.1 42.1
170 24.0 19.3 28.9



#50
Dimethylphthalate
Concen: 10.250 ng
RT: 13.67 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BP002804.D
Acq: 20 Jul 2020 17:11

Tgt Ion:163 Resp: 308534
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 9.8 7.8 11.8

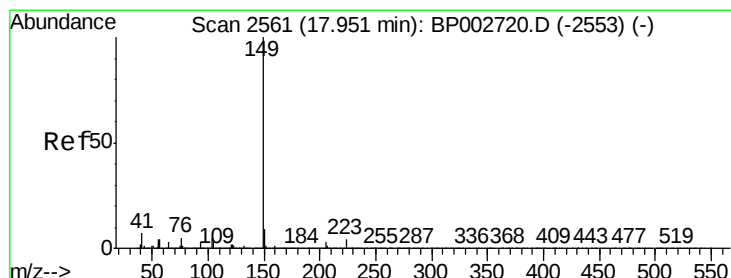
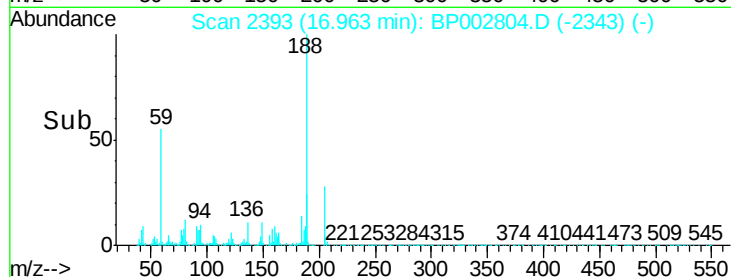
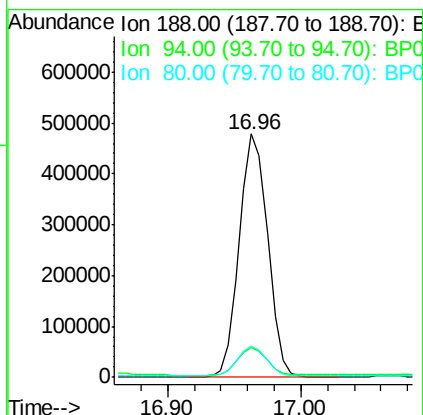
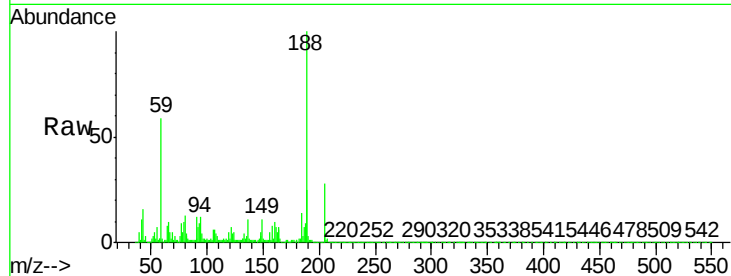




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.96 min Scan# 2393
 Delta R.T. -0.01 min
 Lab File: BP002804.D
 Acq: 20 Jul 2020 17:11

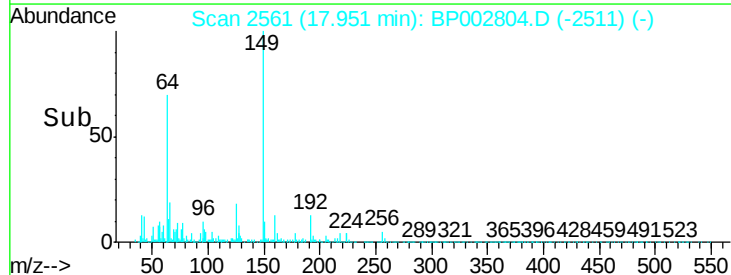
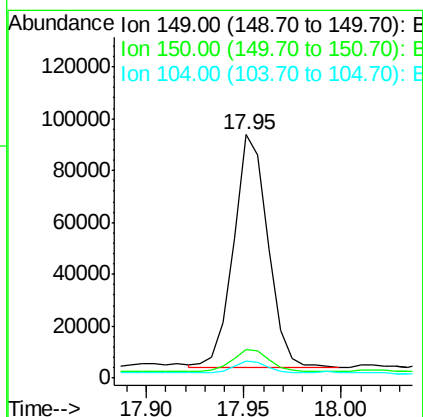
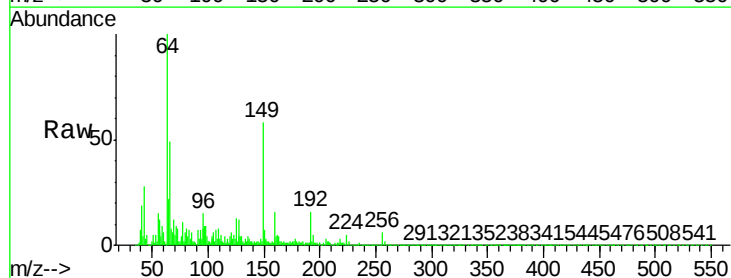
Instrument :
 BNA_P
 ClientSampleId :
 200715091-01

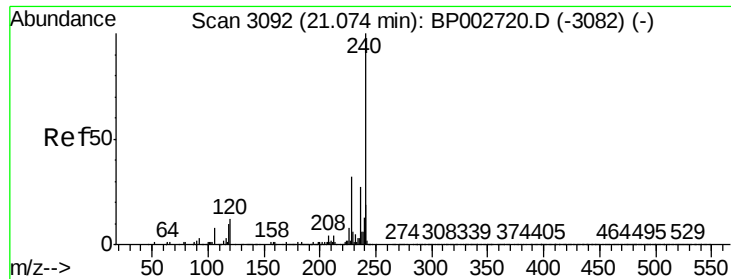
Tot Ion:188 Resp: 704887
 Ion Ratio Lower Upper
 188 100
 94 12.5 8.1 12.1#
 80 12.8 8.9 13.3



#74
 Di-n-butylphthalate
 Concen: 2.733 ng
 RT: 17.95 min Scan# 2561
 Delta R.T. -0.01 min
 Lab File: BP002804.D
 Acq: 20 Jul 2020 17:11

Tgt Ion:149 Resp: 108939
 Ion Ratio Lower Upper
 149 100
 150 11.9 7.5 11.3#
 104 6.9 4.0 6.0#

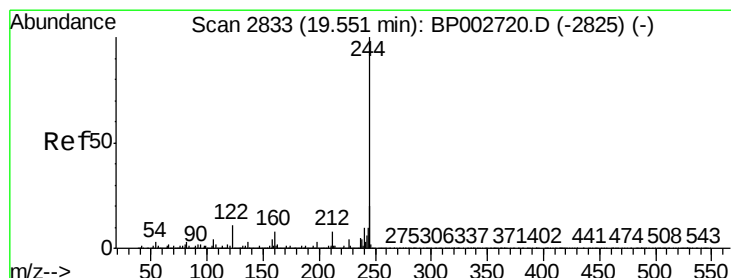
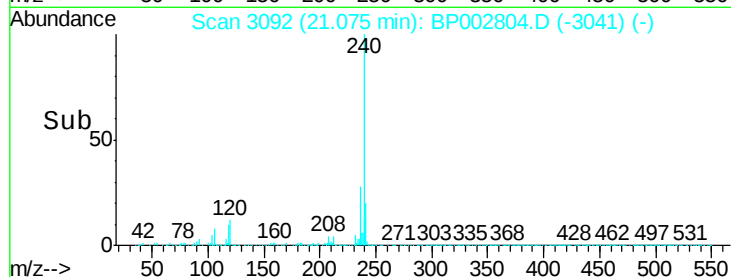
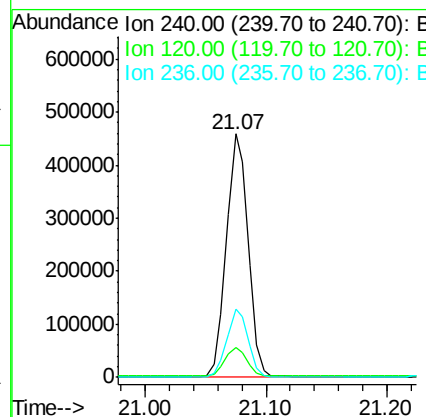
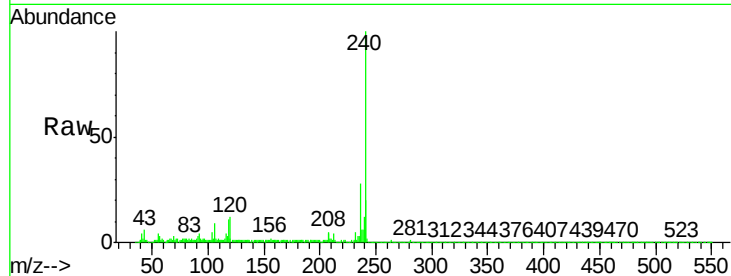




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BP002804.D
Acq: 20 Jul 2020 17:11

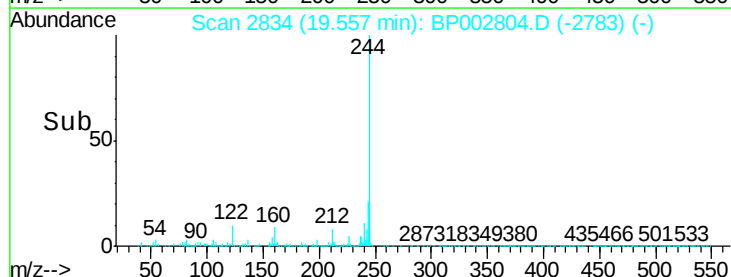
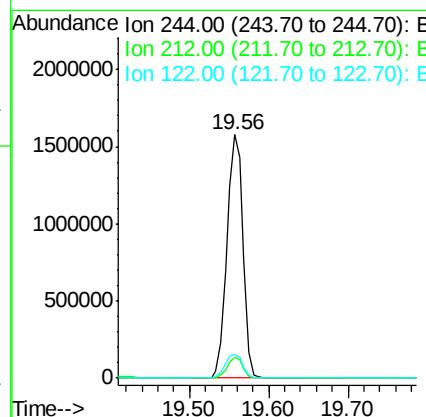
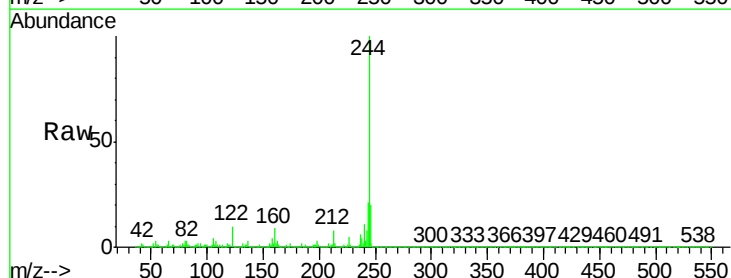
Instrument :
BNA_P
ClientSampleId :
200715091-01

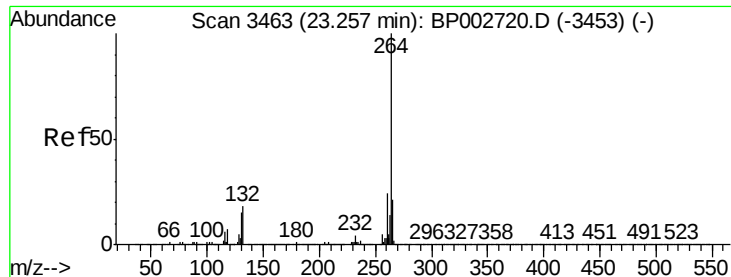
Tot Ion:240 Resp: 569521
Ion Ratio Lower Upper
240 100
120 12.4 9.4 14.2
236 27.9 21.3 31.9



#79
Terphenyl-d14
Concen: 88.143 ng
RT: 19.56 min Scan# 2834
Delta R.T. 0.00 min
Lab File: BP002804.D
Acq: 20 Jul 2020 17:11

Tgt Ion:244 Resp: 2189503
Ion Ratio Lower Upper
244 100
212 8.4 6.0 9.0
122 9.7 8.9 13.3





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.26 min Scan# 3464
Delta R.T. 0.00 min
Lab File: BP002804.D
Acq: 20 Jul 2020 17:11

Instrument :
BNA_P
ClientSampleId :
200715091-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.3	28.9
265	21.8	16.8	25.2

