

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072020\
 Data File : BP002806.D
 Acq On : 20 Jul 2020 18:20
 Operator : CG/JU
 Sample : L3323-05 50X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 219-220

Quant Time: Jul 21 02:54:38 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

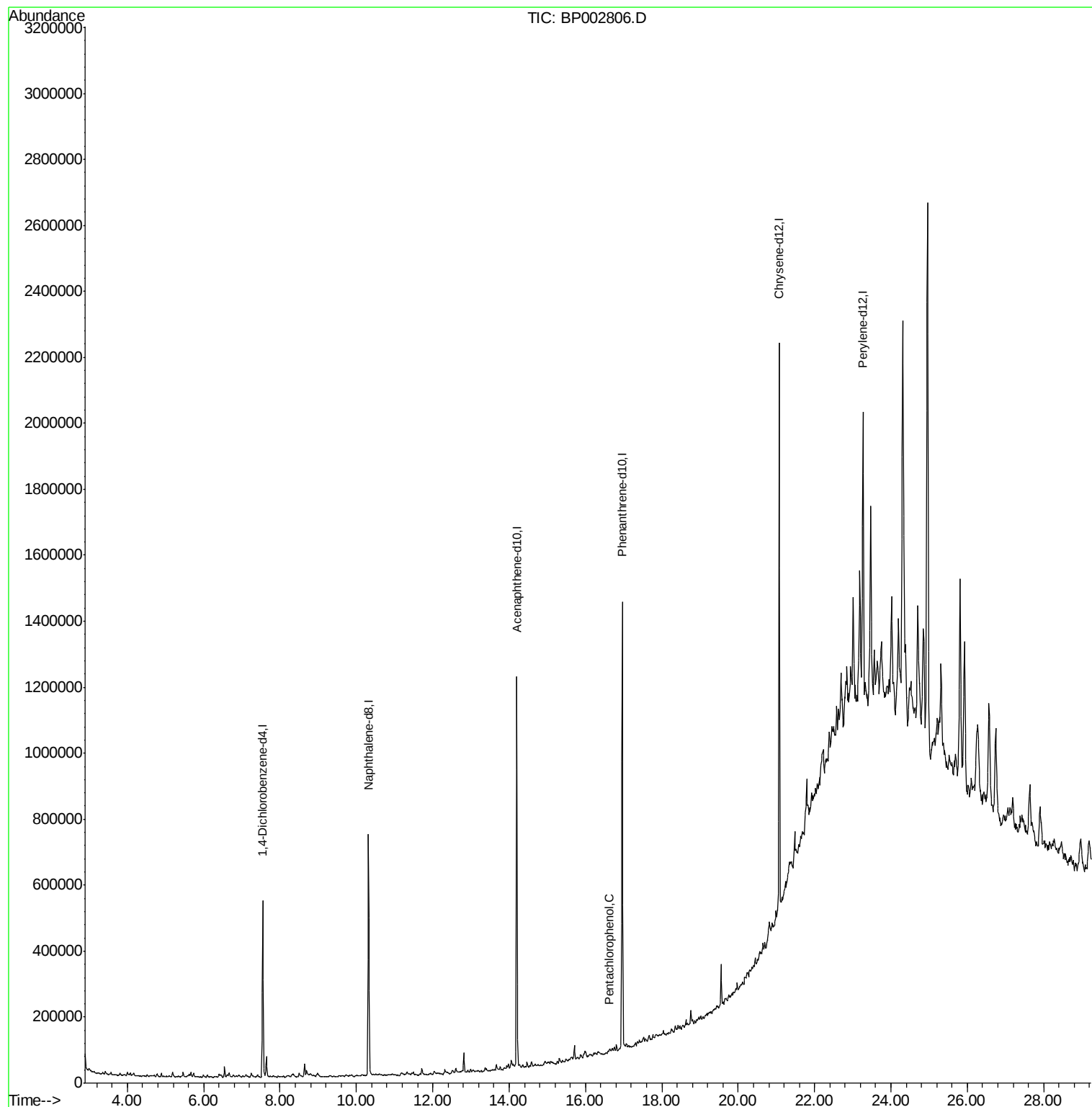
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	141494	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	605553	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	383445	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	817597	20.00	ng	0.00
76) Chrysene-d12	21.07	240	779717	20.00	ng	0.00
86) Perylene-d12	23.26	264	621524	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	6513	0.78	ng	0.00
7) Phenol-d6	6.77	99	5752	0.48	ng	0.01
23) Nitrobenzene-d5	8.70	82	13700	1.21	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	7426	1.86	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	33713	1.36	ng	-0.01
79) Terphenyl-d14	19.55	244	49057	1.44	ng	0.00
Target Compounds						
70) Pentachlorophenol	16.64	266	1003	7.642	ng	Qvalue 93

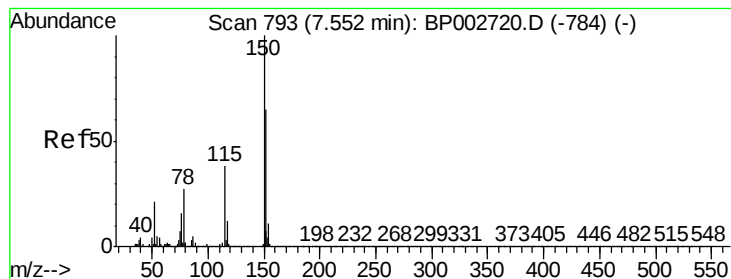
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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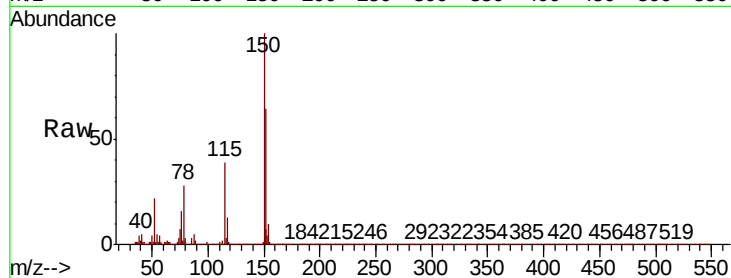


#1

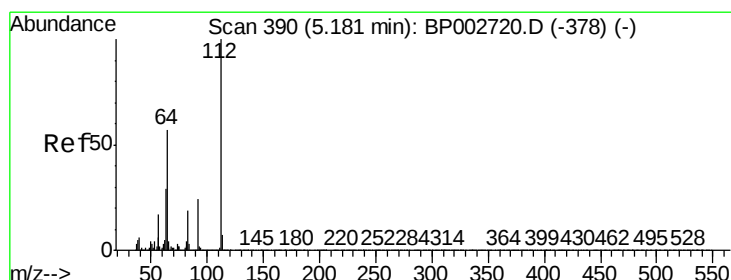
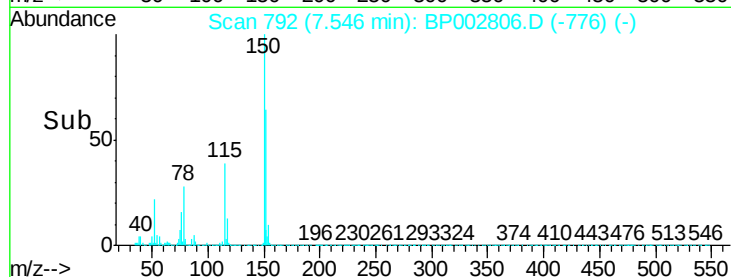
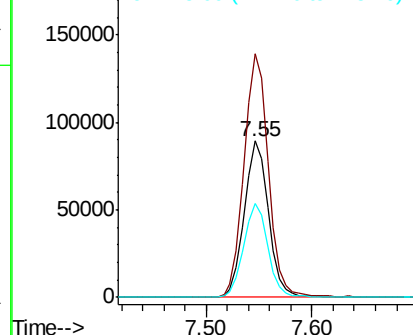
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BP002806.D
Acq: 20 Jul 2020 18:20

Instrument :
BNA_P
ClientSampleId :
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Tot Ion:152 Resp: 141494
Ion Ratio Lower Upper
152 100
150 155.8 123.7 185.5
115 60.4 47.2 70.8



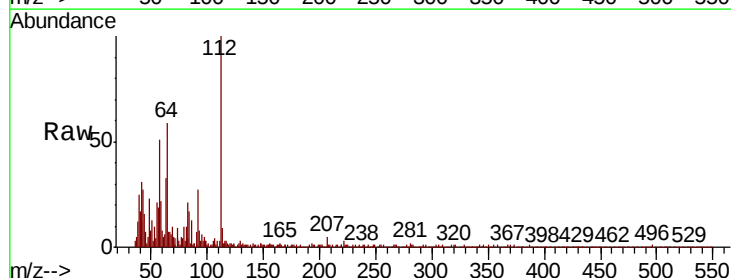
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



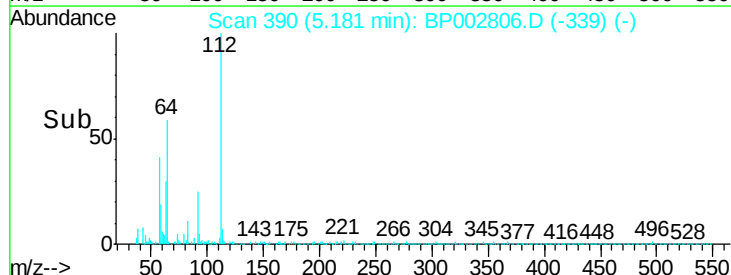
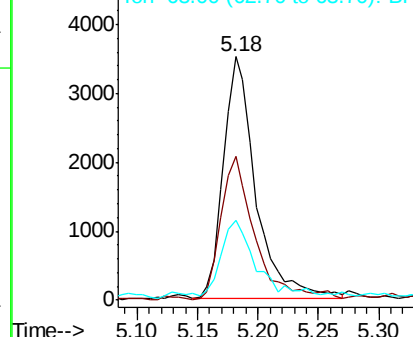
#5

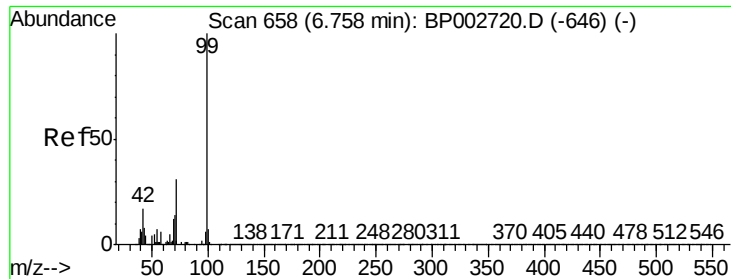
2-Fluorophenol
Concen: 0.777 ng
RT: 5.18 min Scan# 390
Delta R.T. 0.00 min
Lab File: BP002806.D
Acq: 20 Jul 2020 18:20

Tgt Ion:112 Resp: 6513
Ion Ratio Lower Upper
112 100
64 58.8 45.6 68.4
63 32.7 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





#7

Phenol-d6

Concen: 0.481 ng

RT: 6.77 min Scan# 660

Delta R.T. 0.01 min

Lab File: BP002806.D

Acq: 20 Jul 2020 18:20

Instrument :

BNA_P

ClientSampleId :

219-220

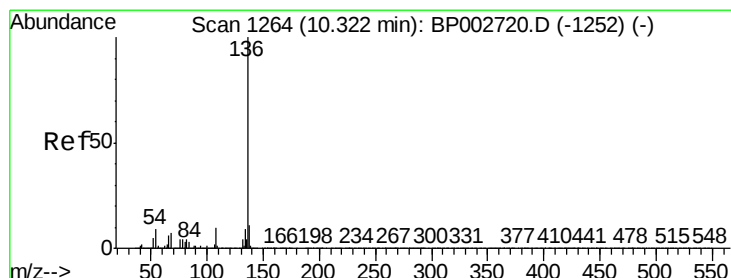
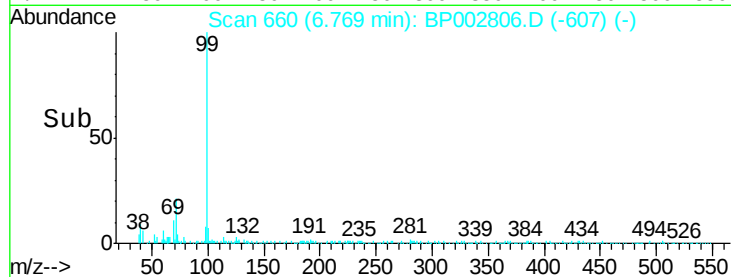
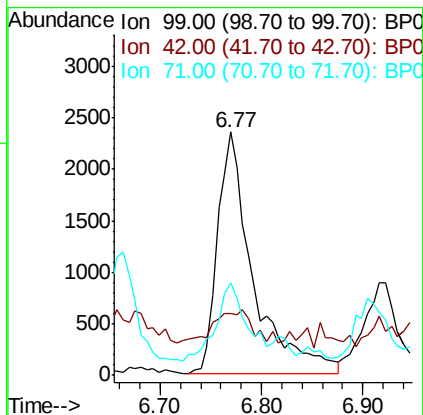
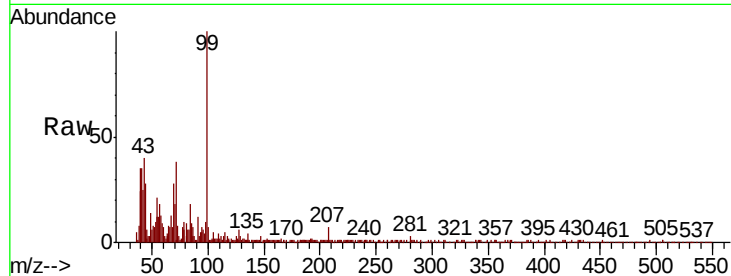
Tot Ion: 99 Resp: 5752

Ion Ratio Lower Upper

99 100

42 25.3 13.4 20.2#

71 37.8 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BP002806.D

Acq: 20 Jul 2020 18:20

Tgt Ion: 136 Resp: 605553

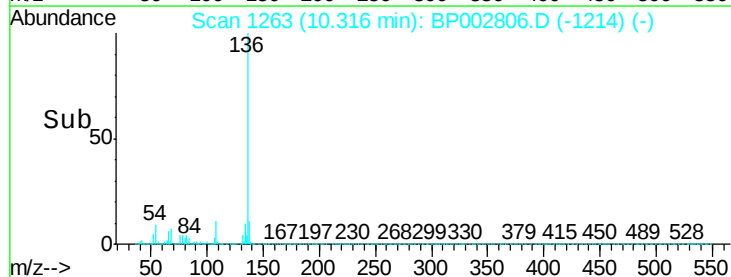
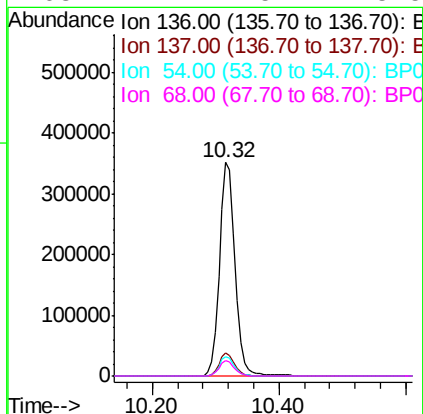
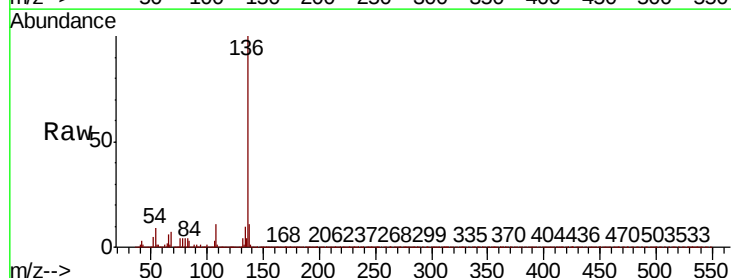
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 8.9 6.9 10.3

68 7.2 5.7 8.5

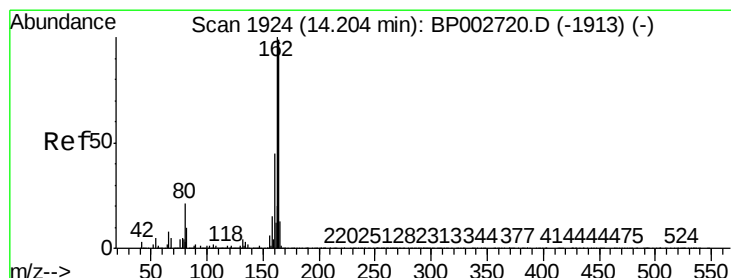
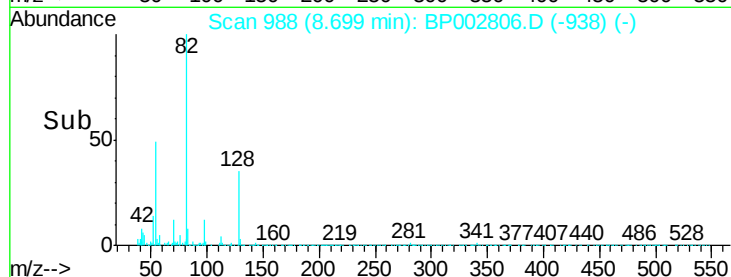
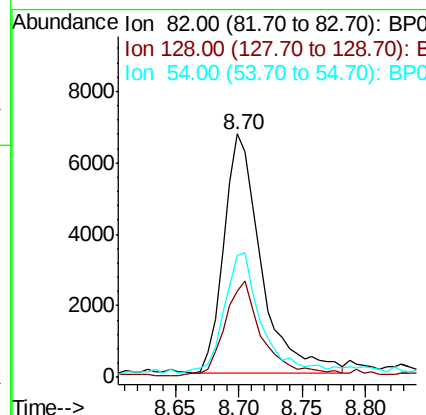
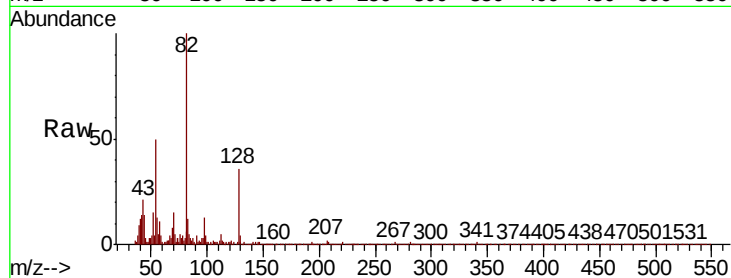




#23
 Nitrobenzene-d5
 Concen: 1.210 ng
 RT: 8.70 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BP002806.D
 Acq: 20 Jul 2020 18:20

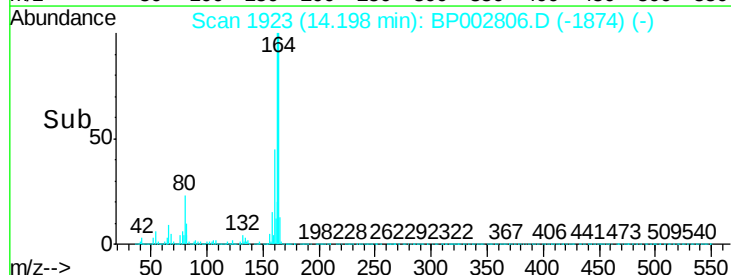
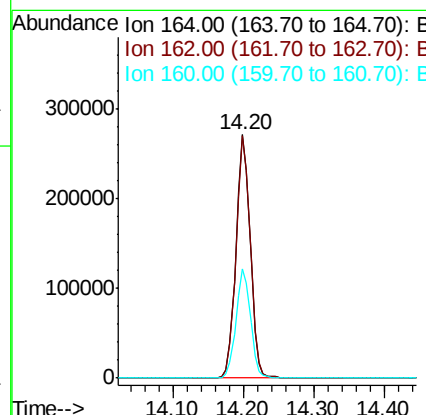
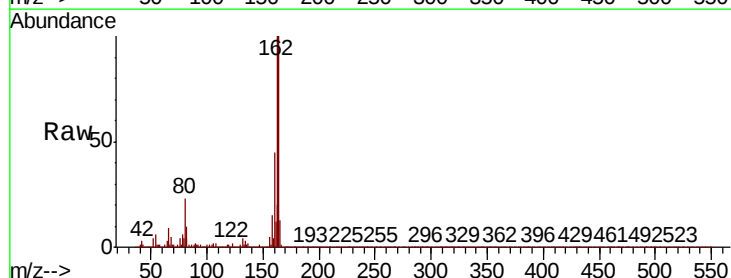
Instrument :
 BNA_P
 ClientSampleId :
 219-220

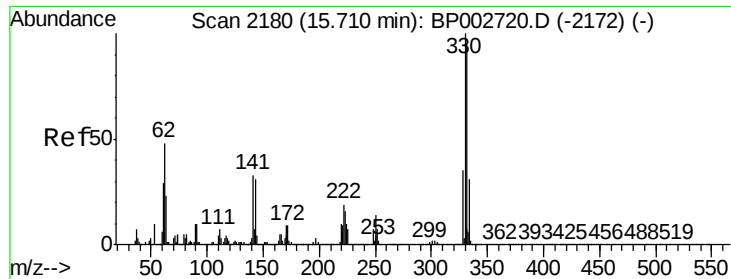
Tot Ion:	82	Resp:	13700
Ion	Ratio	Lower	Upper
82	100		
128	35.6	33.8	50.8
54	50.4	38.8	58.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.20 min Scan# 1923
 Delta R.T. -0.01 min
 Lab File: BP002806.D
 Acq: 20 Jul 2020 18:20

Tgt Ion:	164	Resp:	383445
Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.6	121.0
160	45.0	36.4	54.6

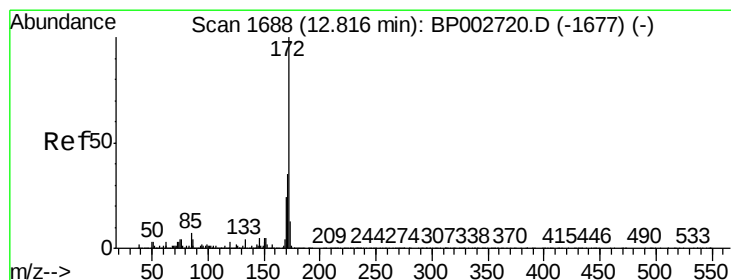
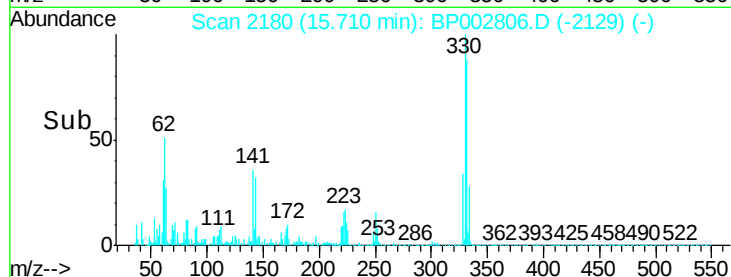
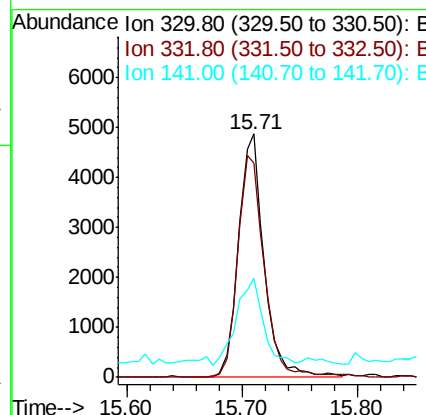
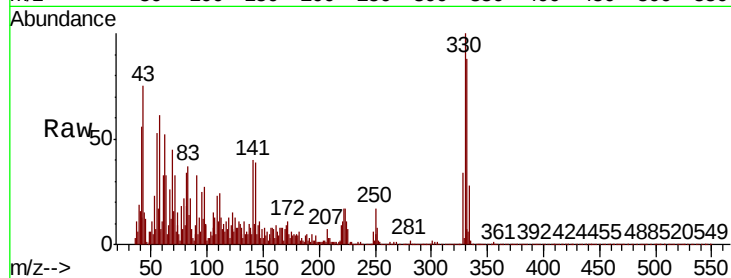




#42
 2,4,6-Tribromophenol
 Concen: 1.855 ng
 RT: 15.71 min Scan# 2180
 Delta R.T. 0.00 min
 Lab File: BP002806.D
 Acq: 20 Jul 2020 18:20

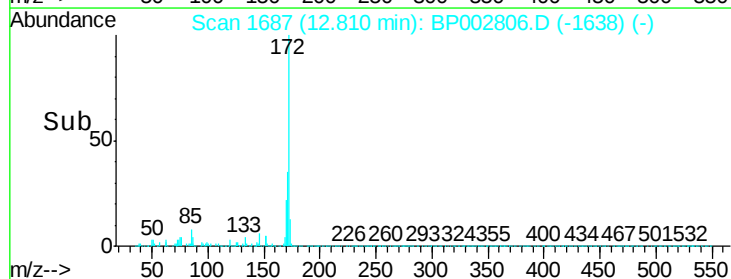
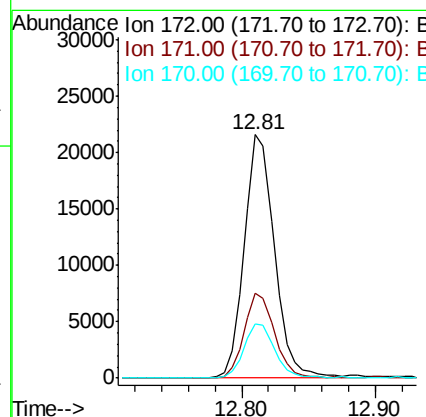
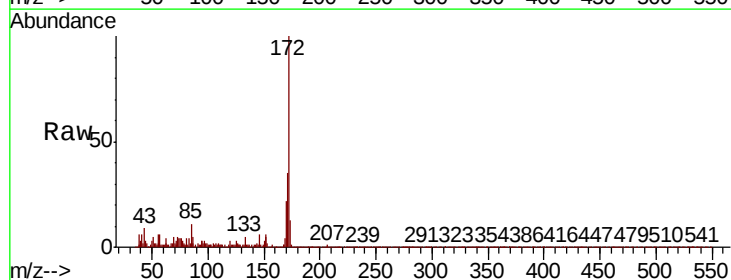
Instrument :
 BNA_P
 ClientSampleId :
 219-220

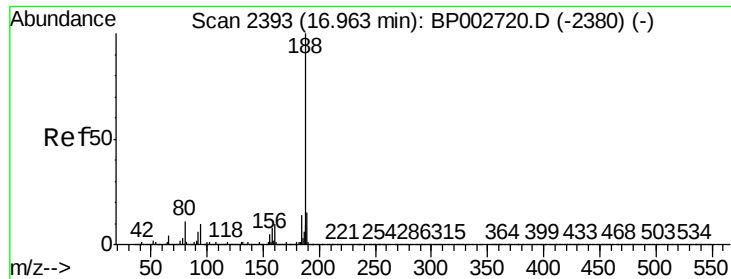
Tot Ion:330 Resp: 7426
 Ion Ratio Lower Upper
 330 100
 332 94.2 76.5 114.7
 141 36.2 28.8 43.2



#45
 2-Fluorobiphenyl
 Concen: 1.360 ng
 RT: 12.81 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BP002806.D
 Acq: 20 Jul 2020 18:20

Tgt Ion:172 Resp: 33713
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.1 42.1
 170 22.1 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.96 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BP002806.D

Acq: 20 Jul 2020 18:20

Instrument :

BNA_P

ClientSampleId :

219-220

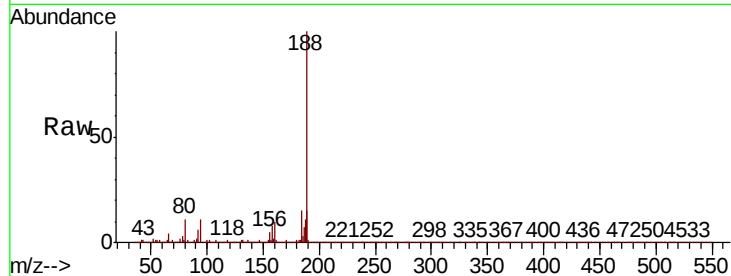
Tot Ion:188 Resp: 817597

Ion Ratio Lower Upper

188 100

94 10.8 8.1 12.1

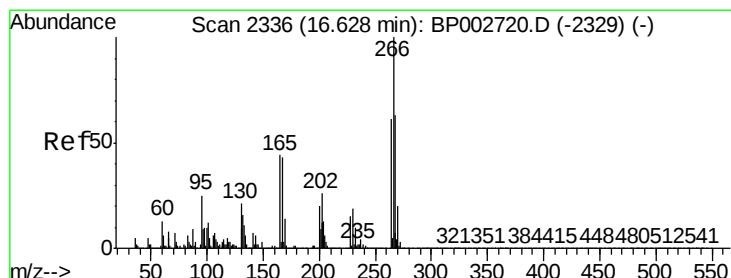
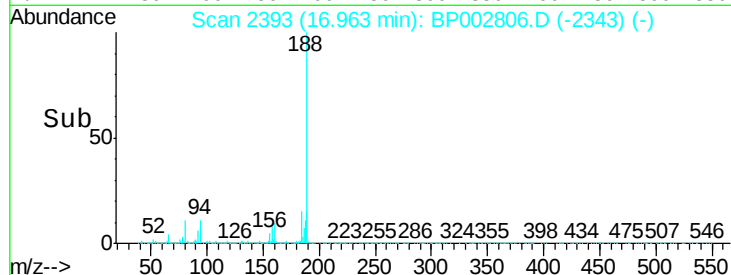
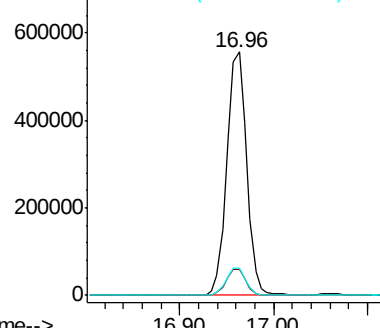
80 11.0 8.9 13.3



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



#70

Pentachlorophenol

Concen: 7.642 ng

RT: 16.64 min Scan# 2338

Delta R.T. 0.01 min

Lab File: BP002806.D

Acq: 20 Jul 2020 18:20

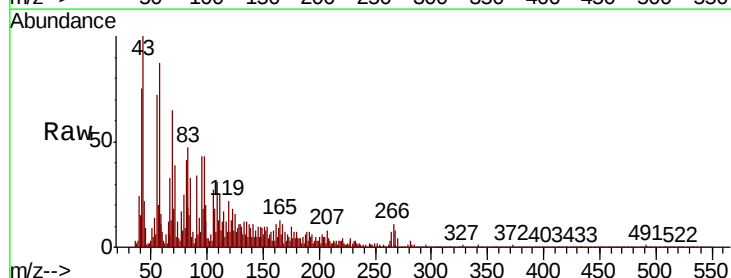
Tgt Ion:266 Resp: 1003

Ion Ratio Lower Upper

266 100

268 72.4 50.6 75.8

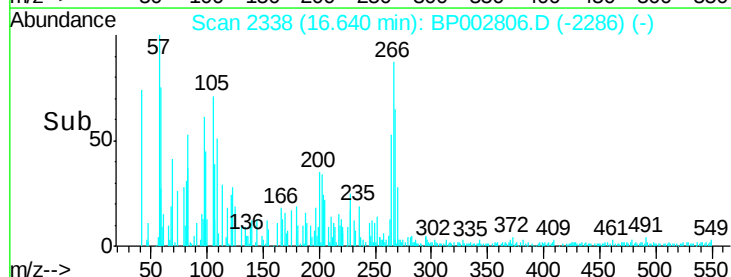
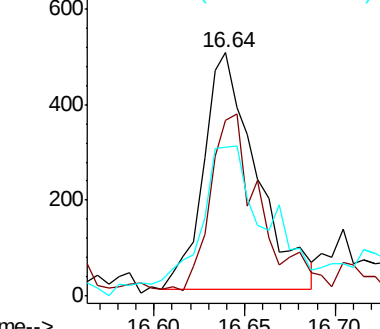
264 61.4 48.6 72.8

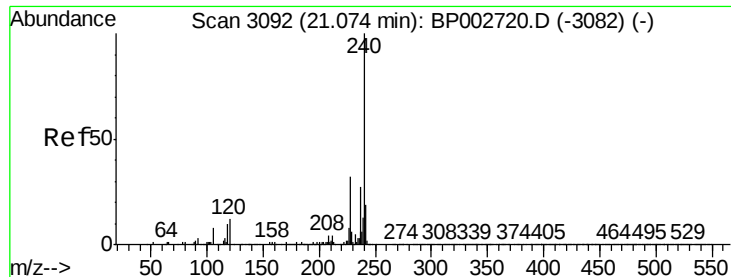


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

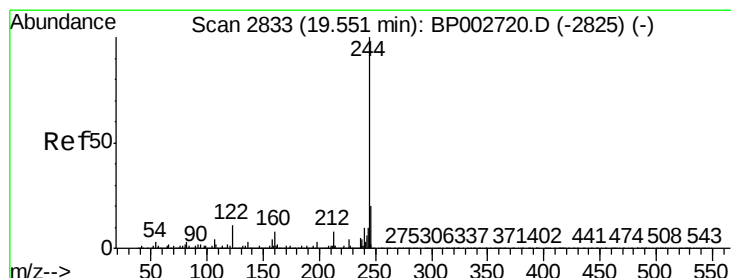
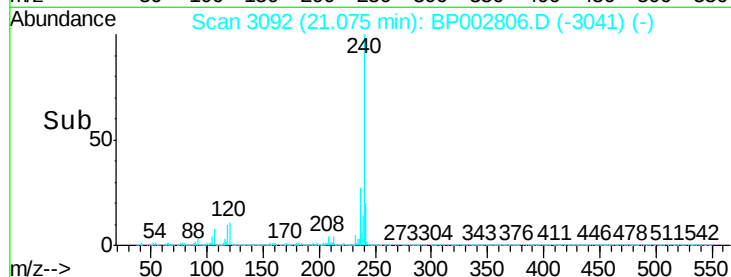
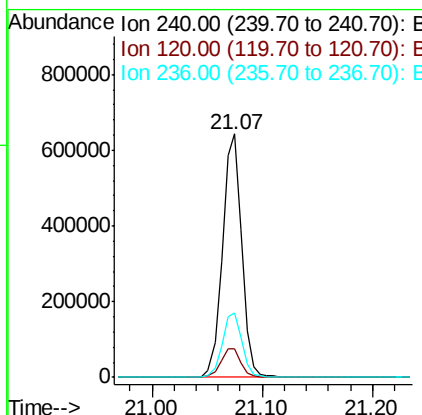
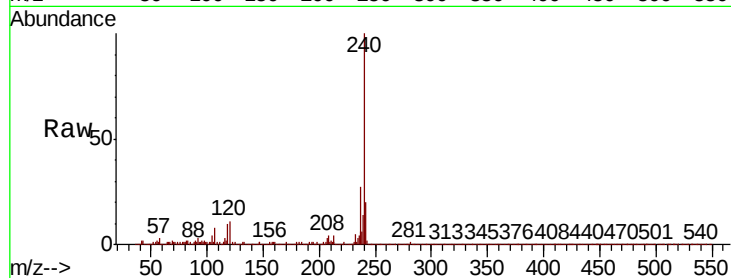




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BP002806.D
Acq: 20 Jul 2020 18:20

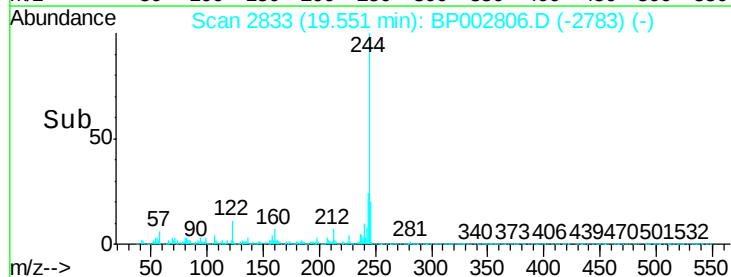
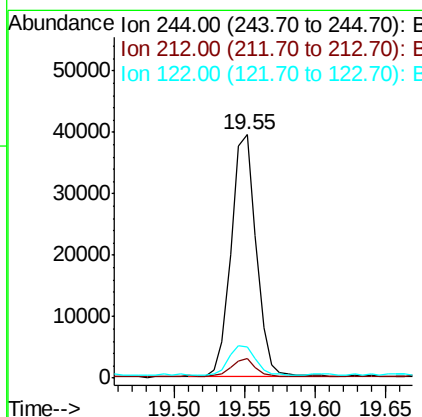
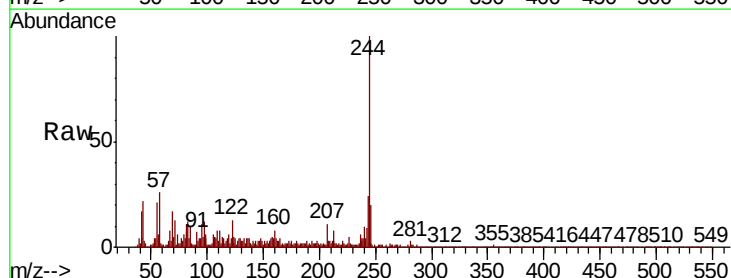
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219-220

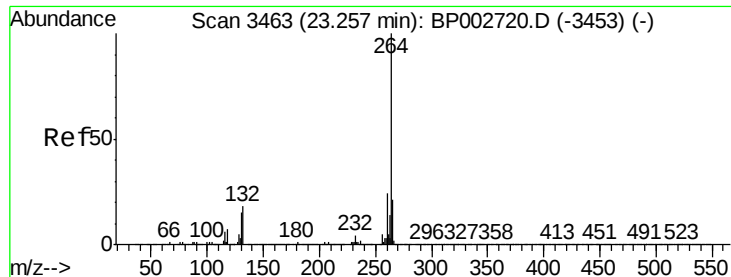
Tot Ion:240 Resp: 779717
Ion Ratio Lower Upper
240 100
120 11.5 9.4 14.2
236 26.6 21.3 31.9



#79
Terphenyl-d14
Concen: 1.442 ng
RT: 19.55 min Scan# 2833
Delta R.T. -0.01 min
Lab File: BP002806.D
Acq: 20 Jul 2020 18:20

Tgt Ion:244 Resp: 49057
Ion Ratio Lower Upper
244 100
212 8.2 6.0 9.0
122 12.7 8.9 13.3

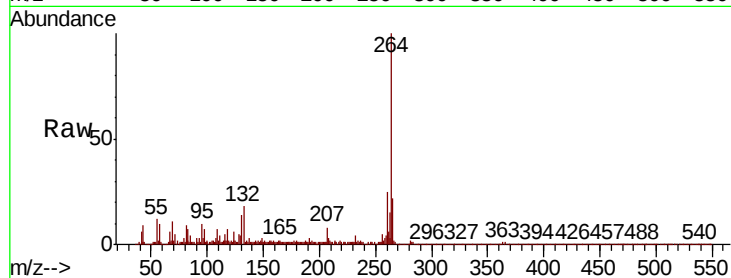




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.26 min Scan# 3464
Delta R.T. 0.00 min
Lab File: BP002806.D
Acq: 20 Jul 2020 18:20

Instrument :
BNA_P
ClientSampleId :
219-220

Tot Ion: 264 Resp: 621524
Ion Ratio Lower Upper
264 100
260 24.7 19.3 28.9
265 21.8 16.8 25.2



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

