

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
 Data File : BP002866.D
 Acq On : 24 Jul 2020 22:13
 Operator : CG/JU
 Sample : L3383-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CRT-009

Quant Time: Jul 25 00:32:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 24 15:50:46 2020
 Response via : Initial Calibration

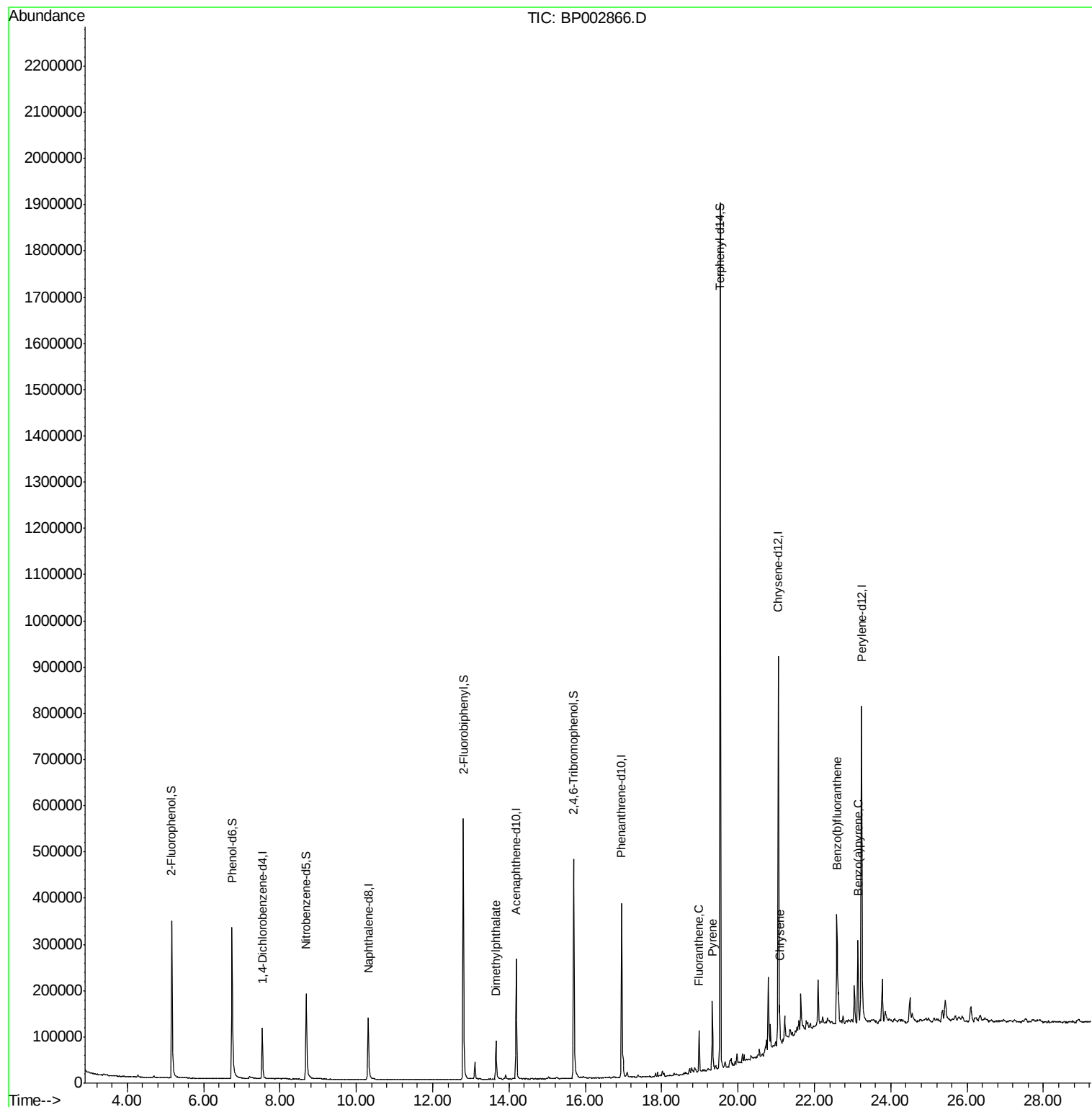
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	31416	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	131639	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	89710	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	239314	20.00	ng	0.00
76) Chrysene-d12	21.05	240	365720	20.00	ng	0.00
86) Perylene-d12	23.23	264	450719	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	185606	99.68	ng	0.00
7) Phenol-d6	6.74	99	251159	94.51	ng	0.00
23) Nitrobenzene-d5	8.69	82	141282	57.40	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	97324	103.93	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	322672	55.64	ng	0.00
79) Terphenyl-d14	19.53	244	761988	47.77	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.66	163	66492	9.719	ng	99
75) Fluoranthene	18.97	202	52571	3.501	ng	99
78) Pyrene	19.33	202	83360	3.301	ng	99
83) Chrysene	21.09	228	57659	2.559	ng	96
88) Benzo(b)fluoranthene	22.59	252	107212	3.831	ng	# 97
90) Benzo(a)pyrene	23.14	252	58283	2.198	ng	95

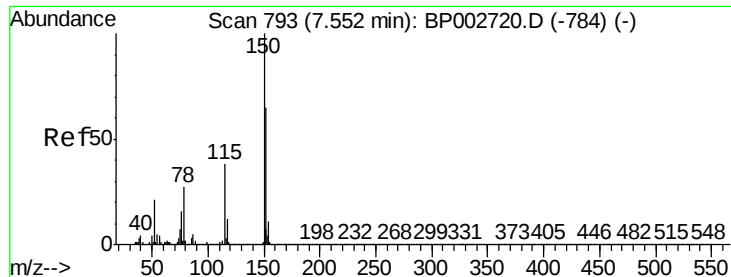
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 24 Jul 2020 22:13
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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Quant Time: Jul 25 00:32:48 2020
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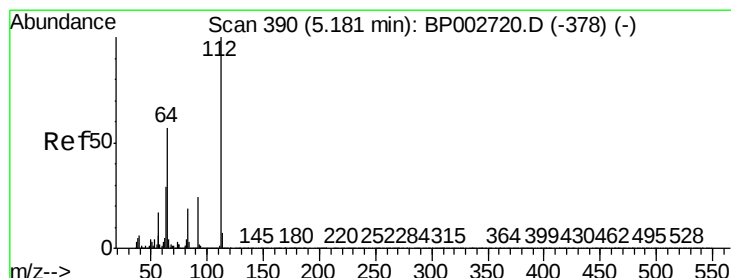
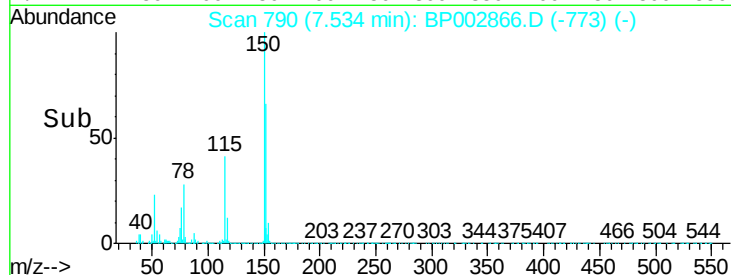
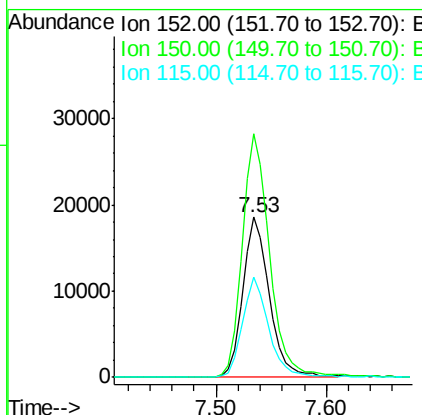
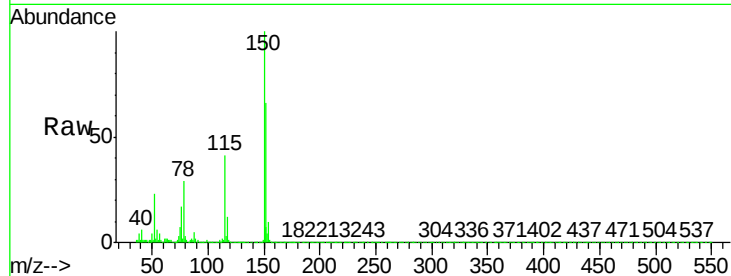


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 790
Delta R.T. 0.00 min
Lab File: BP002866.D
Acq: 24 Jul 2020 22:13

Instrument :
BNA_P
ClientSampleId :
CRT-009

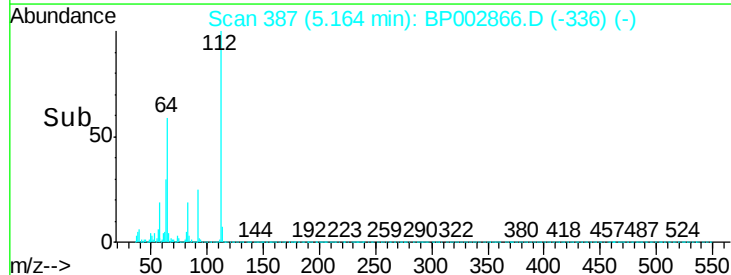
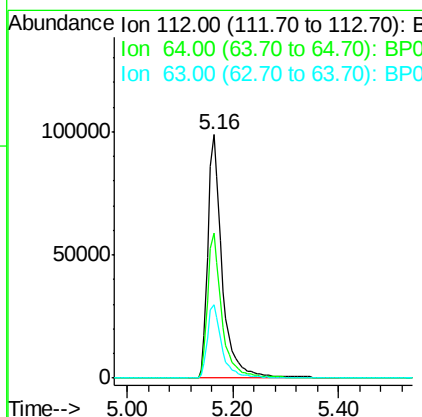
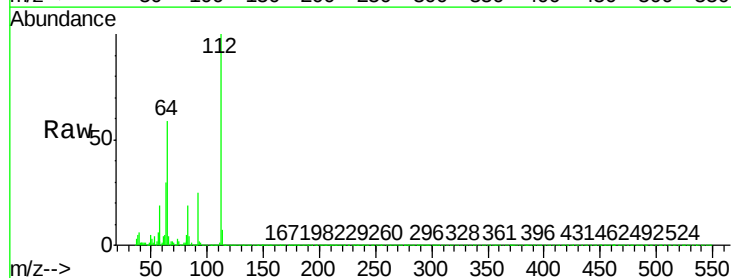
Tot Ion:152 Resp: 31416
Ion Ratio Lower Upper
152 100
150 151.9 122.5 183.7
115 62.4 48.5 72.7

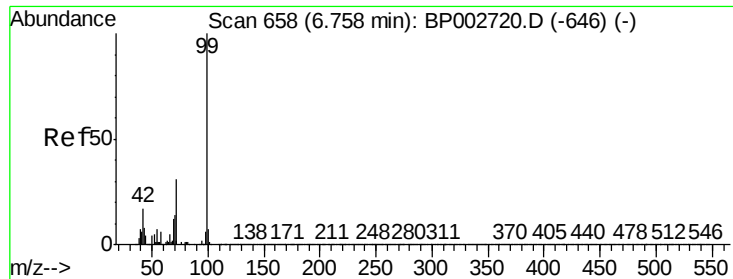


#5

2-Fluorophenol
Concen: 99.679 ng
RT: 5.16 min Scan# 387
Delta R.T. 0.00 min
Lab File: BP002866.D
Acq: 24 Jul 2020 22:13

Tgt Ion:112 Resp: 185606
Ion Ratio Lower Upper
112 100
64 59.3 48.1 72.1
63 30.3 24.9 37.3





#7

Phenol-d6

Concen: 94.512 ng

RT: 6.74 min Scan# 655

Delta R.T. 0.00 min

Lab File: BP002866.D

Acq: 24 Jul 2020 22:13

Instrument :

BNA_P

ClientSampleId :

CRT-009

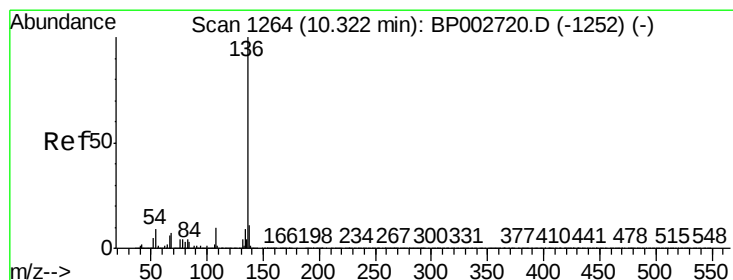
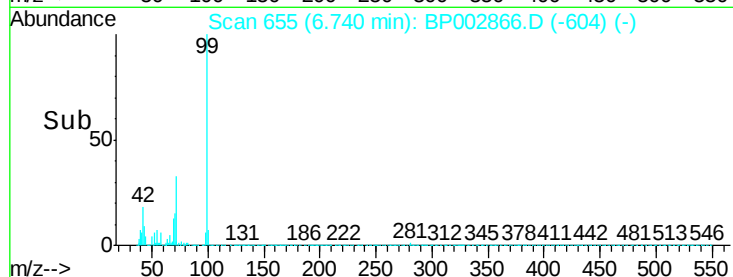
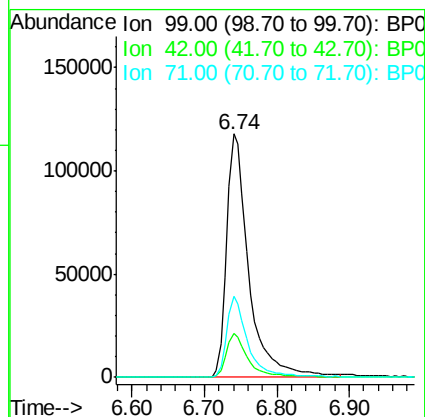
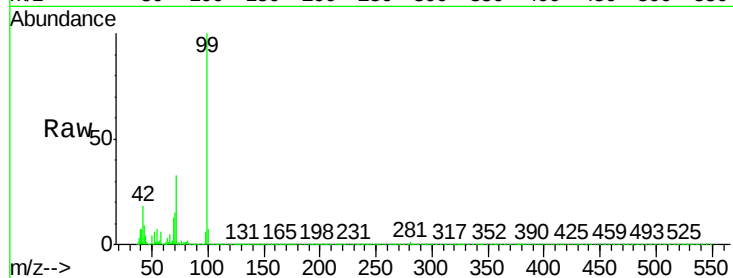
Tot Ion: 99 Resp: 251159

Ion Ratio Lower Upper

99 100

42 17.8 14.2 21.4

71 33.0 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.31 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BP002866.D

Acq: 24 Jul 2020 22:13

Tgt Ion: 136 Resp: 131639

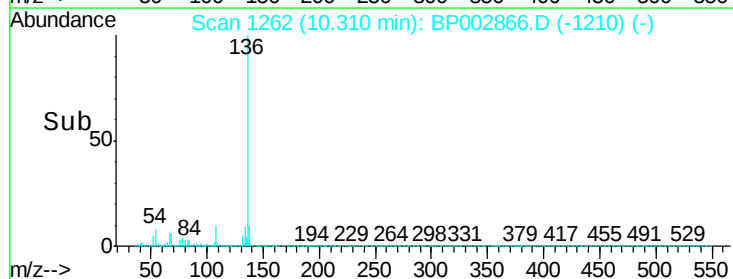
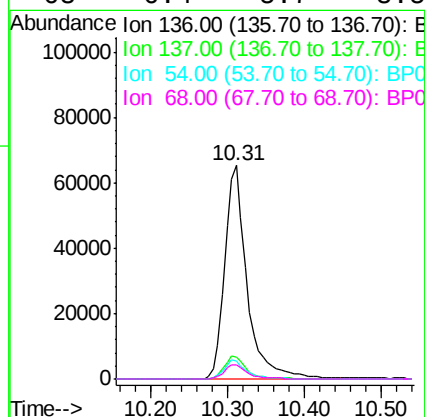
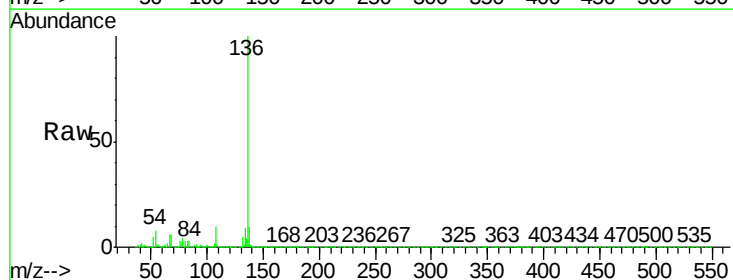
Ion Ratio Lower Upper

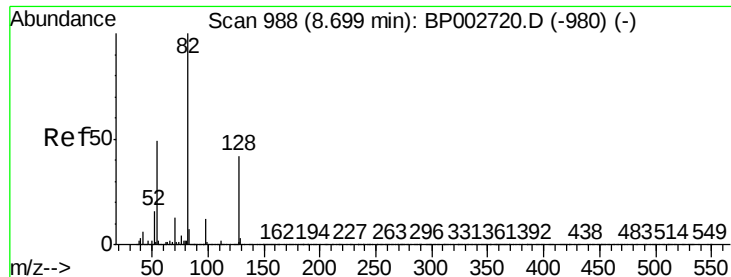
136 100

137 10.1 8.8 13.2

54 8.2 7.3 10.9

68 6.4 5.7 8.5

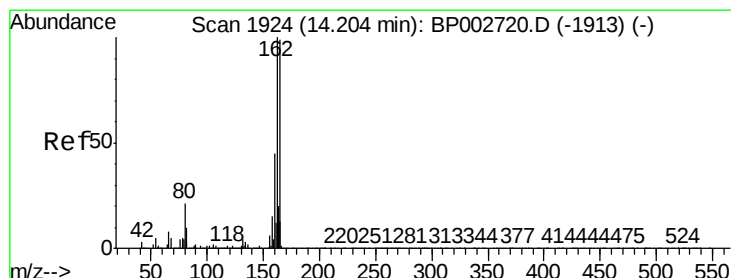
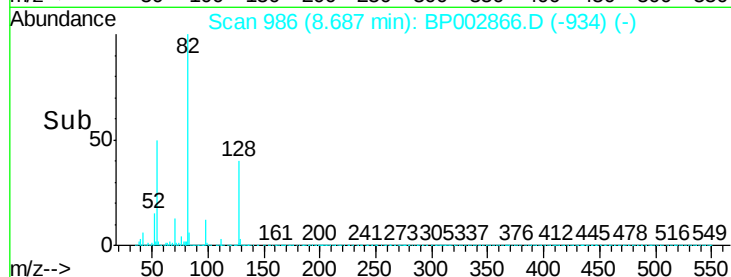
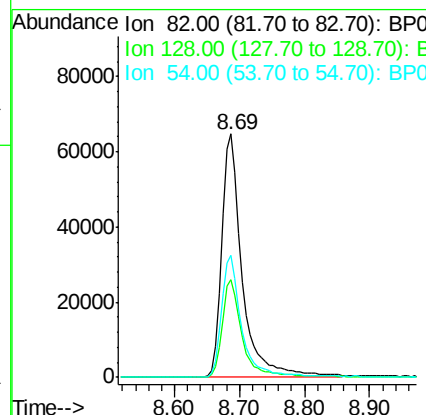
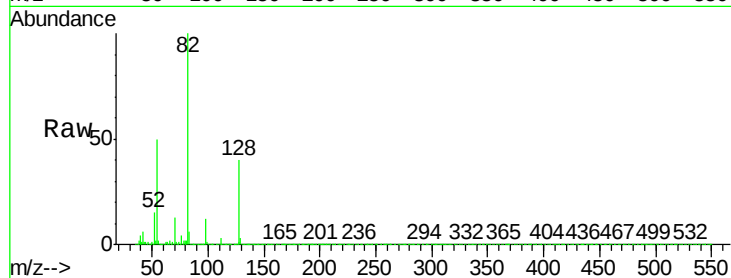




#23
Nitrobenzene-d5
Concen: 57.401 ng
RT: 8.69 min Scan# 986
Delta R.T. 0.01 min
Lab File: BP002866.D
Acq: 24 Jul 2020 22:13

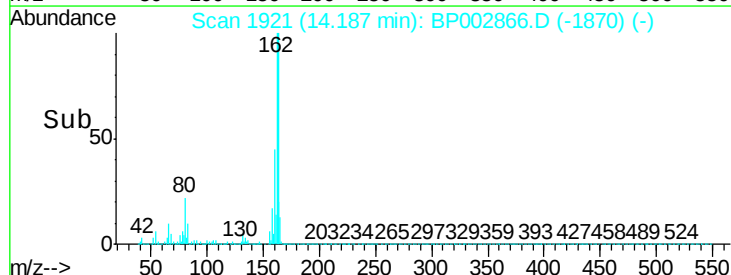
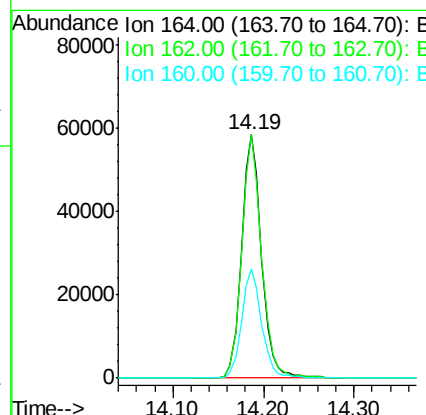
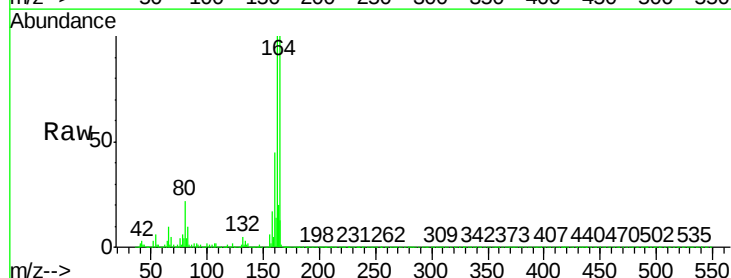
Instrument :
BNA_P
ClientSampleId :
CRT-009

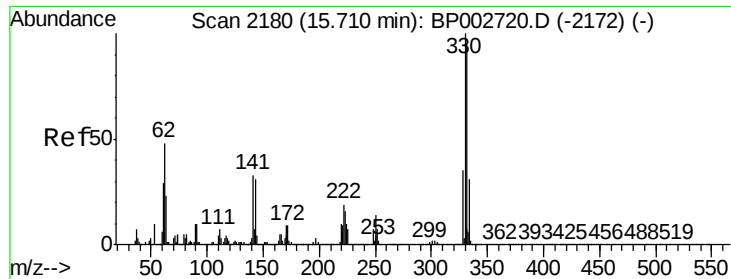
Tot Ion	82	Resp	141282
Ion Ratio	Lower	Upper	
82	100		
128	40.1	32.6	49.0
54	50.2	38.9	58.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.19 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BP002866.D
Acq: 24 Jul 2020 22:13

Tgt Ion	164	Resp	89710
Ion Ratio	Lower	Upper	
164	100		
162	100.1	78.4	117.6
160	45.0	36.1	54.1

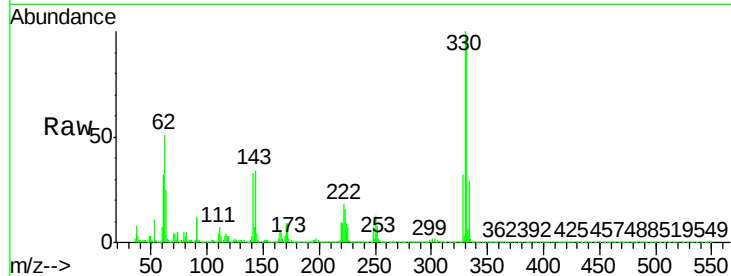




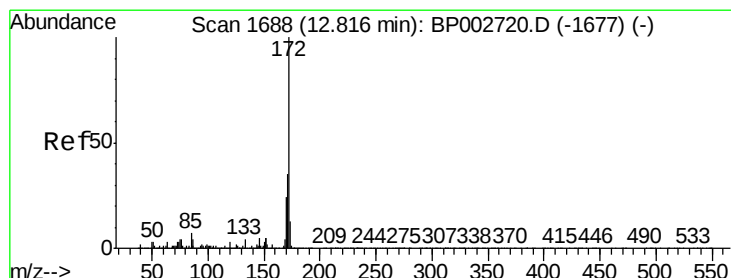
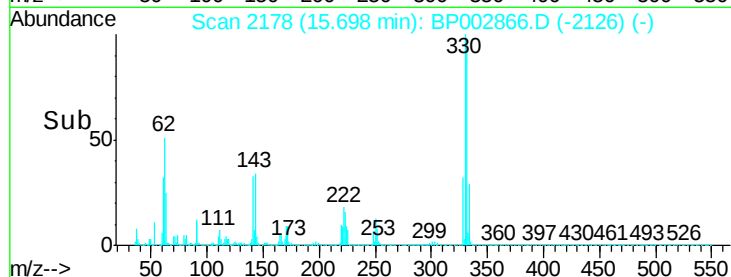
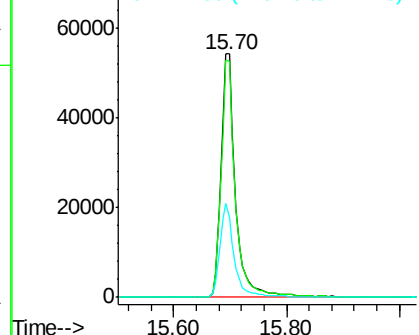
#42
2,4,6-Tribromophenol
Concen: 103.931 ng
RT: 15.70 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BP002866.D
Acq: 24 Jul 2020 22:13

Instrument :
BNA_P
ClientSampleId :
CRT-009

Tot Ion:330 Resp: 97324
Ion Ratio Lower Upper
330 100
332 96.1 77.6 116.4
141 37.5 29.0 43.6

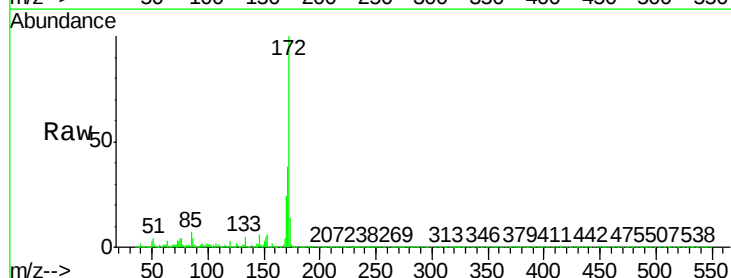


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

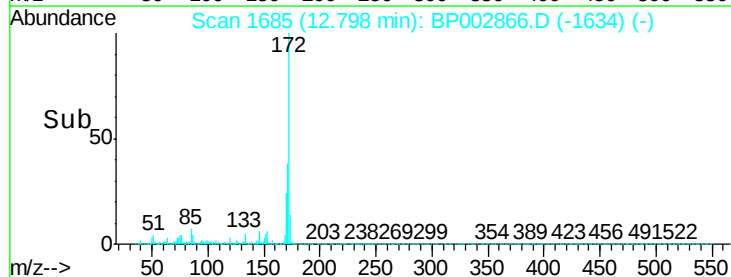
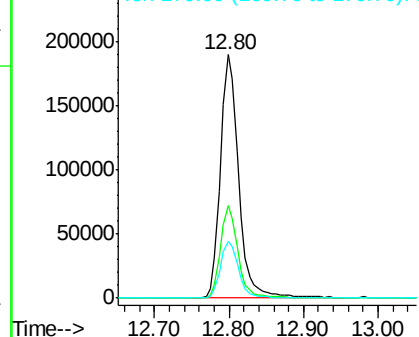


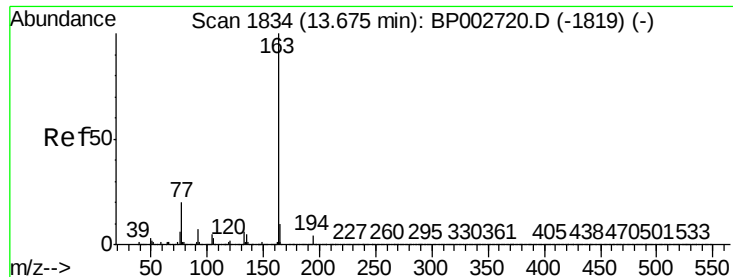
#45
2-Fluorobiphenyl
Concen: 55.642 ng
RT: 12.80 min Scan# 1685
Delta R.T. 0.00 min
Lab File: BP002866.D
Acq: 24 Jul 2020 22:13

Tgt Ion:172 Resp: 322672
Ion Ratio Lower Upper
172 100
171 37.8 27.0 40.4
170 23.5 19.4 29.2



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

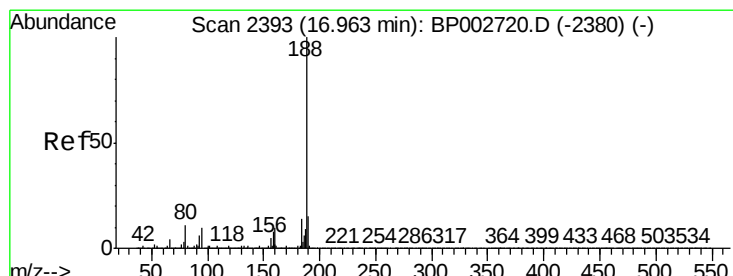
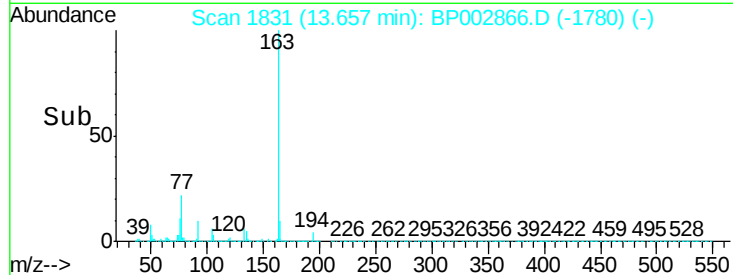
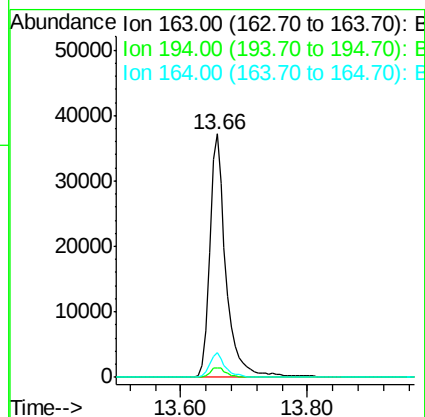
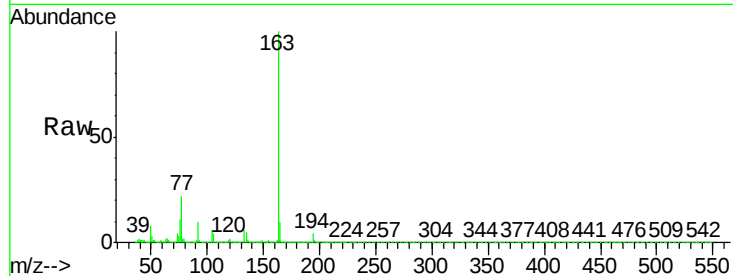




#50
Dimethylphthalate
Concen: 9.719 ng
RT: 13.66 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BP002866.D
Acq: 24 Jul 2020 22:13

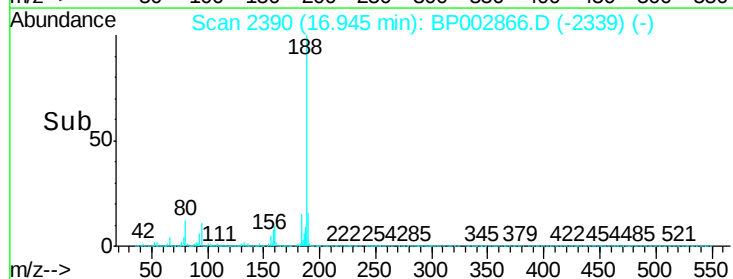
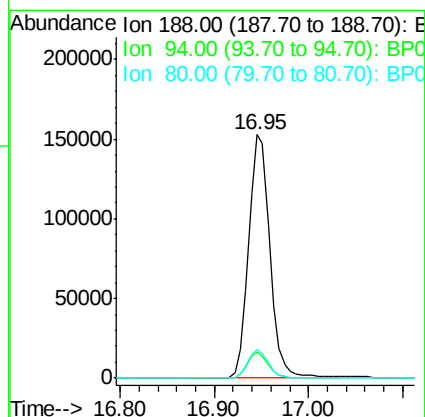
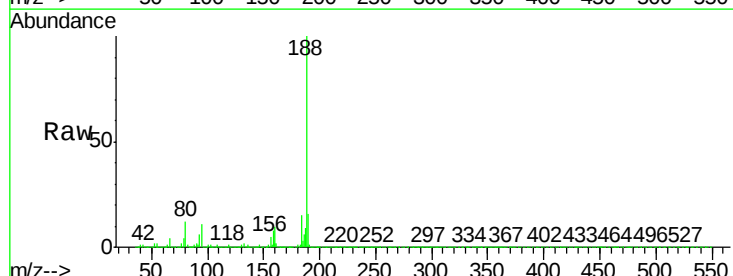
Instrument :
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ClientSampleId :
CRT-009

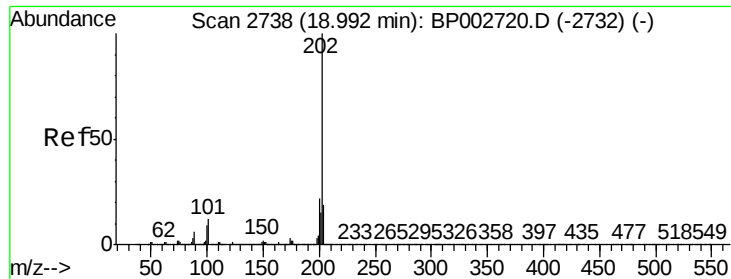
Tot Ion:163 Resp: 66492
Ion Ratio Lower Upper
163 100
194 3.9 3.5 5.3
164 10.2 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BP002866.D
Acq: 24 Jul 2020 22:13

Tgt Ion:188 Resp: 239314
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 12.0 9.0 13.4





#75

Fluoranthene

Concen: 3.501 ng

RT: 18.97 min Scan# 2735

Delta R.T. 0.00 min

Lab File: BP002866.D

Acq: 24 Jul 2020 22:13

Instrument :

BNA_P

ClientSampleId :

CRT-009

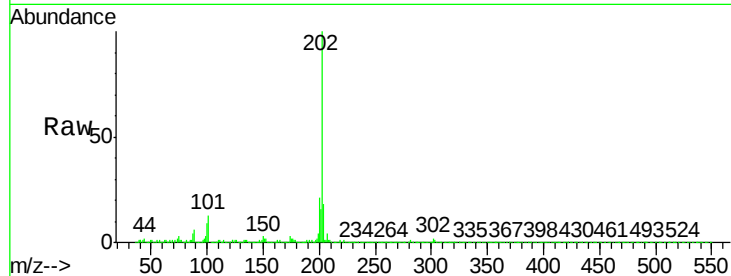
Tot Ion:202 Resp: 52571

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.0

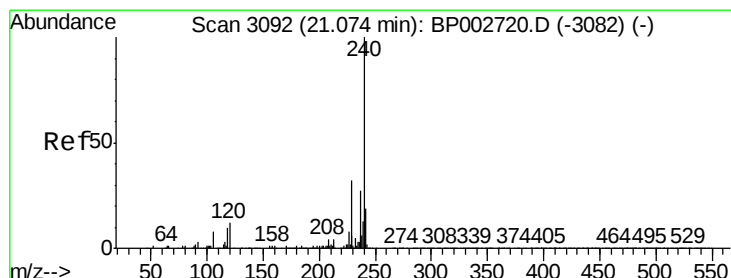
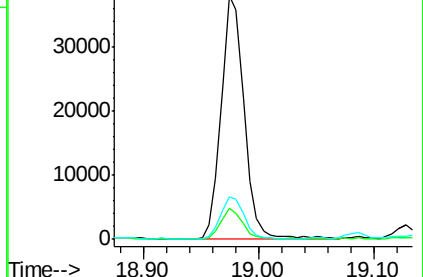
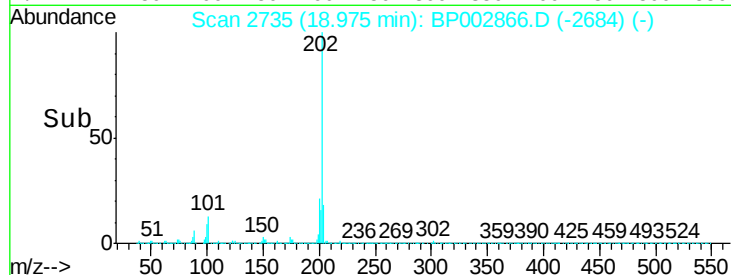
203 17.7 0.0 38.1



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: 21.05 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BP002866.D

Acq: 24 Jul 2020 22:13

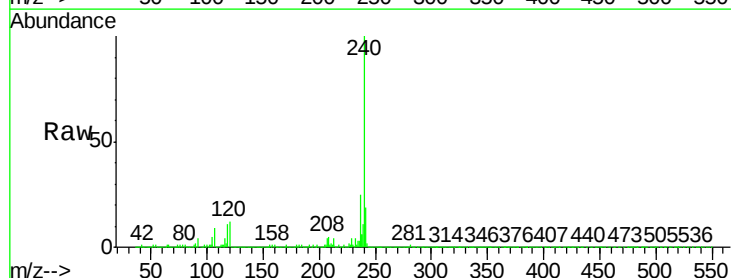
Tgt Ion:240 Resp: 365720

Ion Ratio Lower Upper

240 100

120 12.3 9.2 13.8

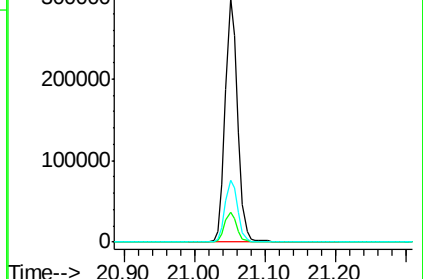
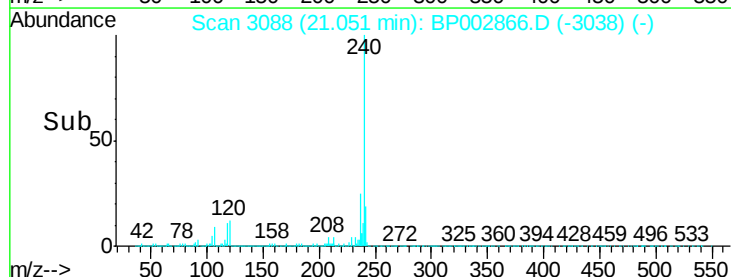
236 25.3 20.3 30.5

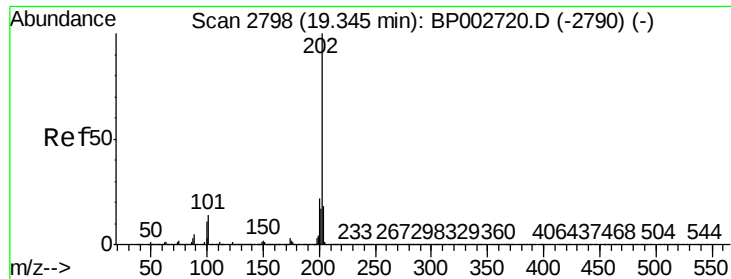


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

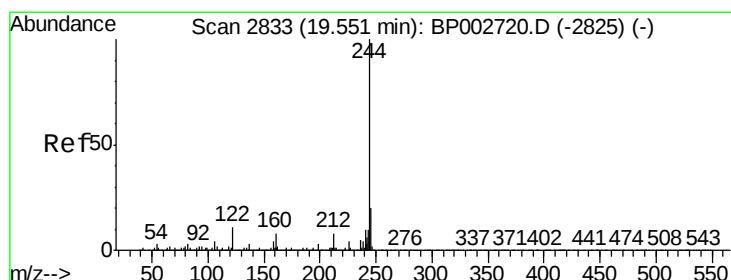
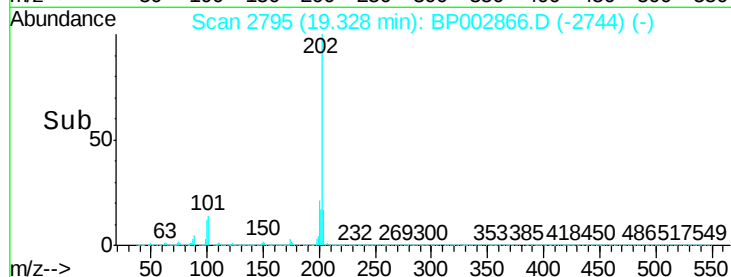
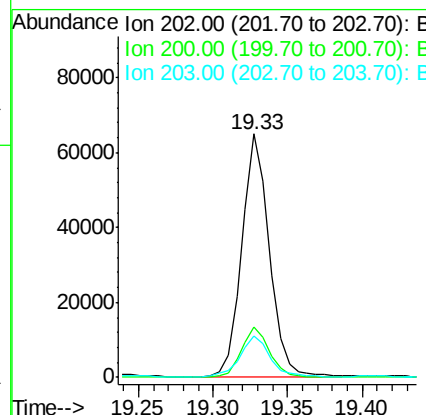
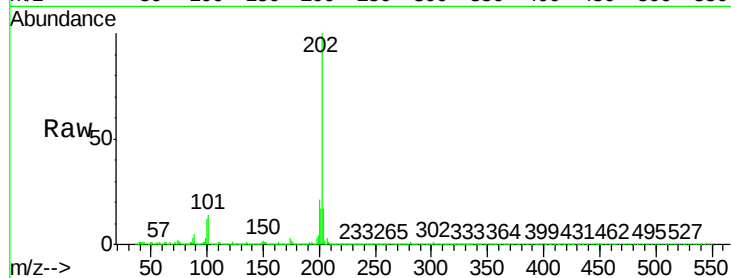




#78
Pvrene
Concen: 3.301 ng
RT: 19.33 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BP002866.D
Acq: 24 Jul 2020 22:13

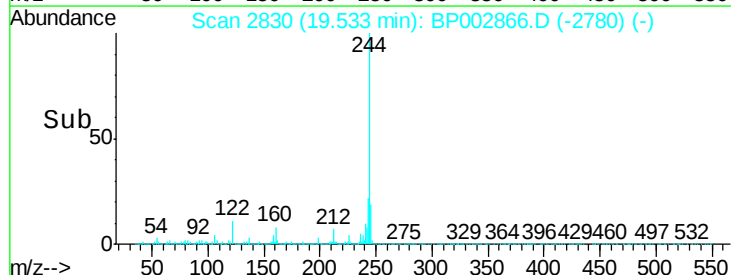
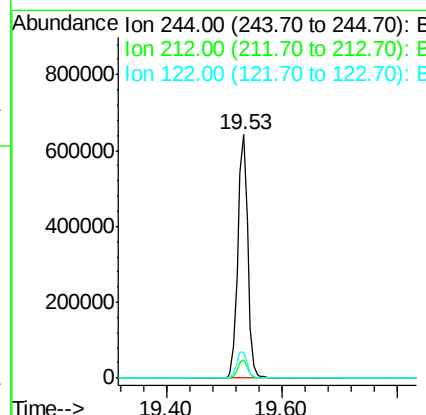
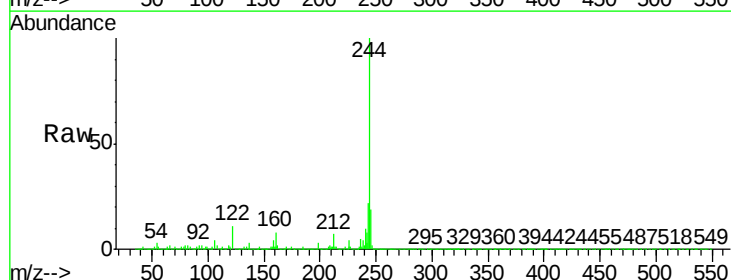
Instrument :
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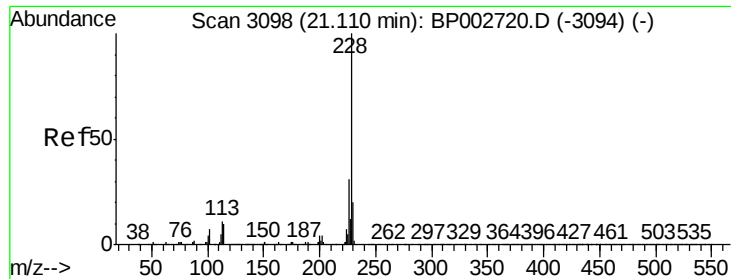
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	16.9	13.8	20.8



#79
Terphenyl-d14
Concen: 47.769 ng
RT: 19.53 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BP002866.D
Acq: 24 Jul 2020 22:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	10.9	7.9	11.9





#83

Chrysene

Concen: 2.559 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BP002866.D

Acq: 24 Jul 2020 22:13

Instrument :

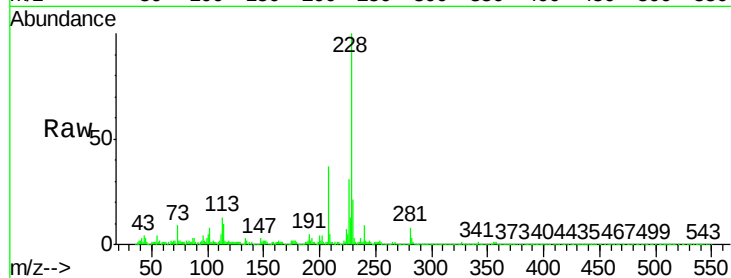
BNA_P

ClientSampled :

CRT-009

Tot Ion:228 Resp: 57659

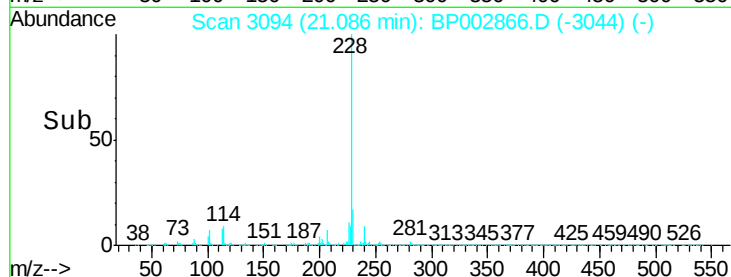
Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.4	35.2
229	21.1	15.2	22.8



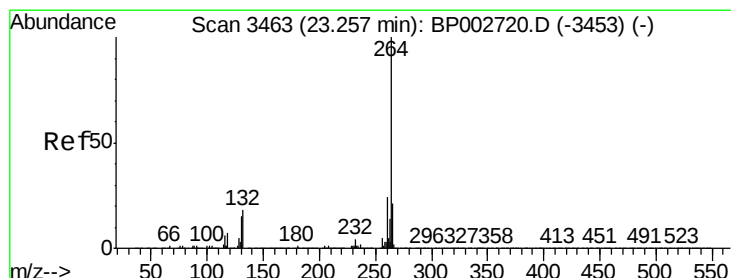
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.23 min Scan# 3459

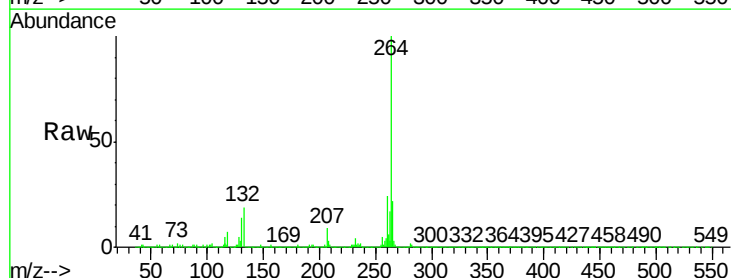
Delta R.T. 0.00 min

Lab File: BP002866.D

Acq: 24 Jul 2020 22:13

Tgt Ion:264 Resp: 450719

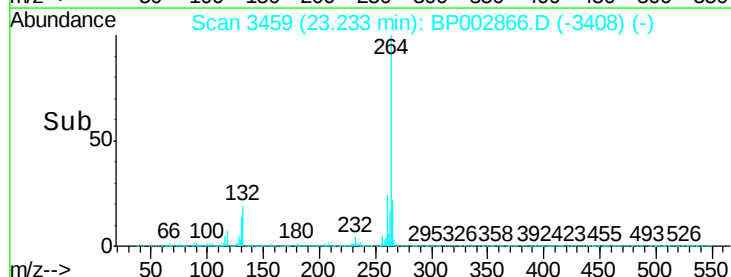
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	22.3	16.7	25.1



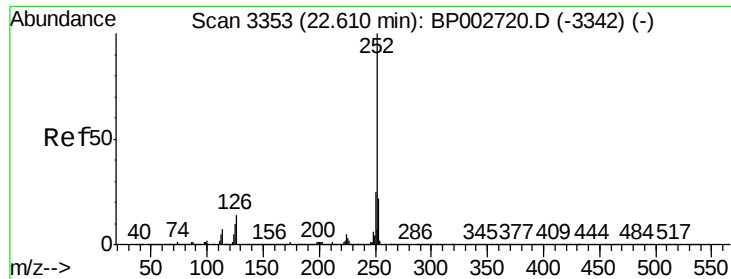
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 3.831 ng

RT: 22.59 min Scan# 3349

Delta R.T. 0.00 min

Lab File: BP002866.D

Acq: 24 Jul 2020 22:13

Instrument :

BNA_P

ClientSampleId :

CRT-009

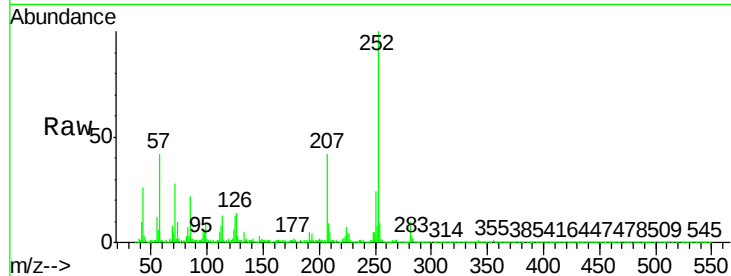
Tot Ion:252 Resp: 107212

Ion Ratio Lower Upper

252 100

253 22.3 18.5 27.7

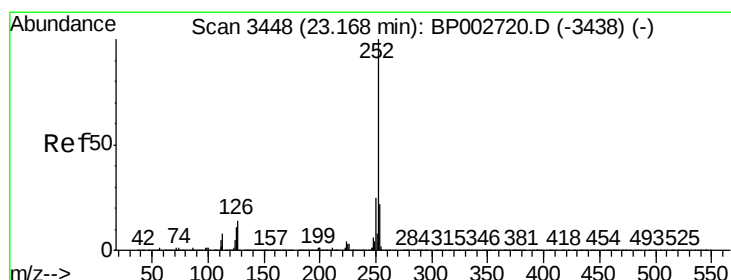
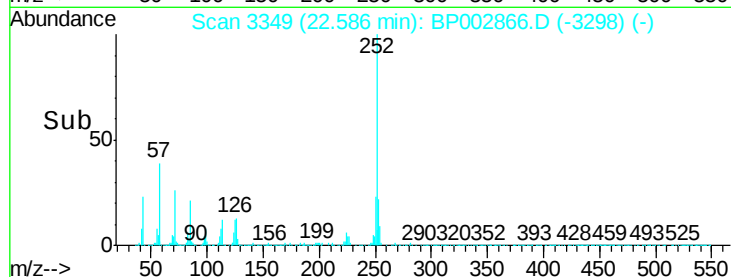
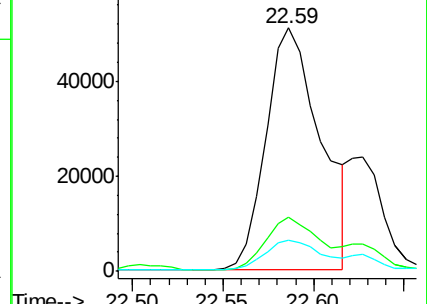
125 12.6 8.3 12.5#



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



#90

Benzo(a)pyrene

Concen: 2.198 ng

RT: 23.14 min Scan# 3443

Delta R.T. -0.01 min

Lab File: BP002866.D

Acq: 24 Jul 2020 22:13

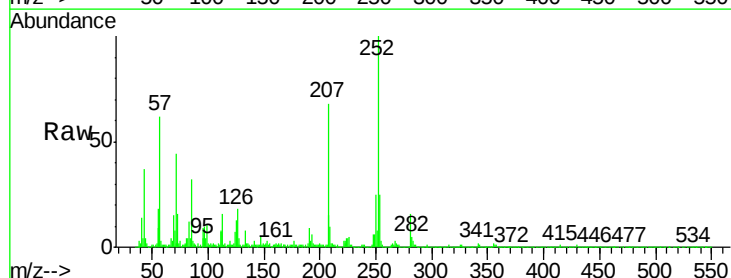
Tgt Ion:252 Resp: 58283

Ion Ratio Lower Upper

252 100

253 24.6 18.1 27.1

125 13.1 8.9 13.3



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

