

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040721\
 Data File : BP005216.D
 Acq On : 07 Apr 2021 12:32
 Operator : CG/JU
 Sample : M1933-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BENNETT_BH_04_2-2.5

Quant Time: Apr 07 13:09:14 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 06 12:33:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

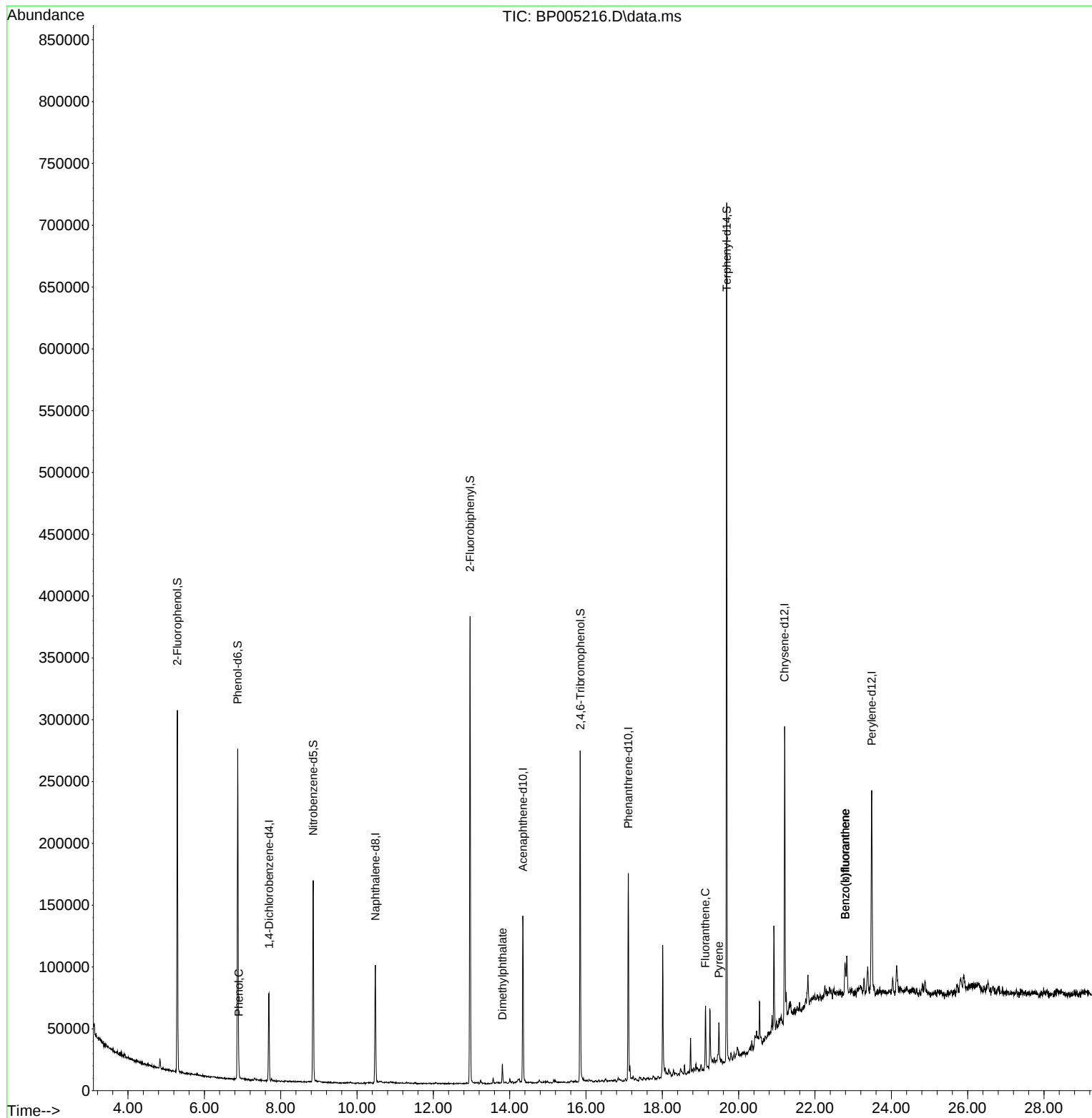
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	19545	20.00	ng	0.00
21) Naphthalene-d8	10.481	136	73790	20.00	ng	# 0.00
39) Acenaphthene-d10	14.345	164	45726	20.00	ng	0.00
64) Phenanthrene-d10	17.110	188	96702	20.00	ng	# 0.00
76) Chrysene-d12	21.204	240	106521	20.00	ng	-0.01
86) Perylene-d12	23.486	264	112365	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	120619	94.97	ng	0.00
7) Phenol-d6	6.875	99	155462	85.46	ng	0.00
23) Nitrobenzene-d5	8.852	82	100116	58.21	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	47604	79.90	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	189640	56.10	ng	0.00
79) Terphenyl-d14	19.686	244	308097	52.65	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.905	94	3996	2.14	ng	78
50) Dimethylphthalate	13.810	163	9606	2.73	ng	# 90
75) Fluoranthene	19.127	202	18023	2.73	ng	94
78) Pyrene	19.480	202	19123	2.61	ng	99
88) Benzo(b)fluoranthene	22.792	252	16275	2.04	ng	# 92
89) Benzo(k)fluoranthene	22.792	252	16275	2.13	ng	# 92

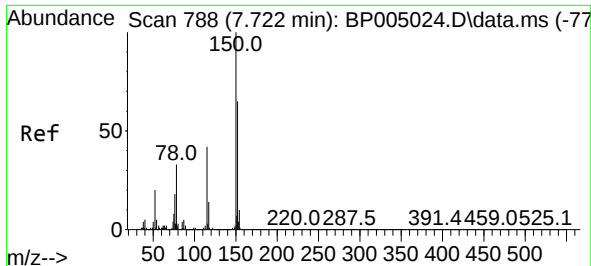
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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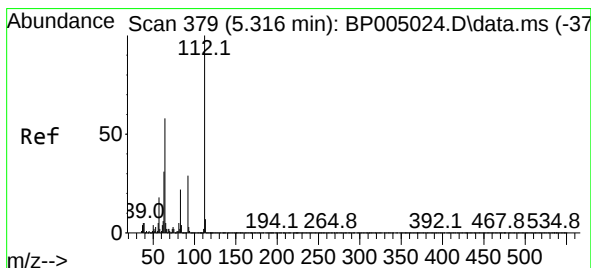
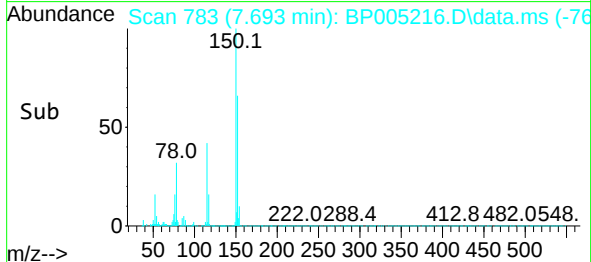
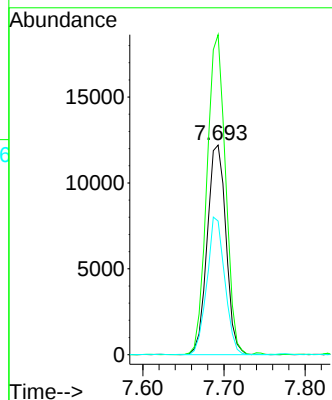
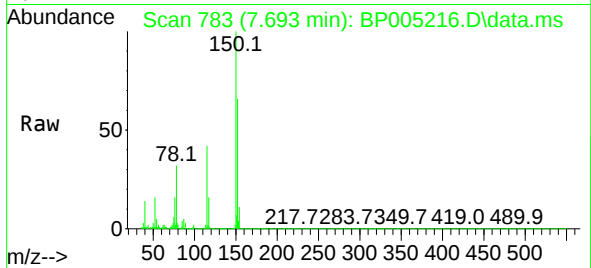




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.000 min
Lab File: BP005216.D
Acq: 07 Apr 2021 12:32

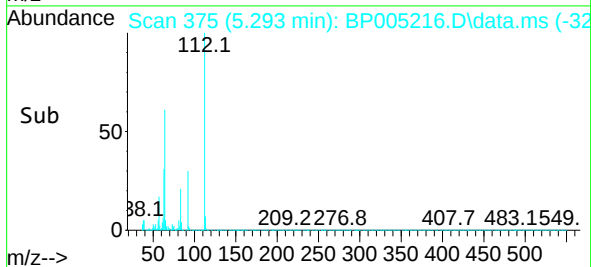
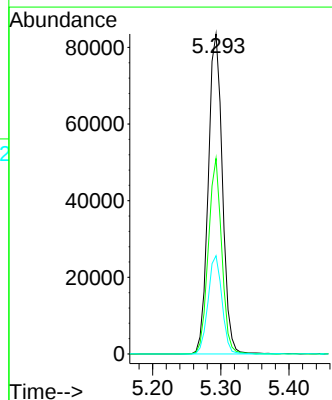
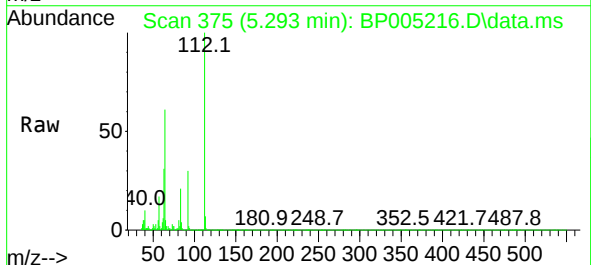
Instrument :
BNA_P
ClientSampleId :
BENNETT_BH_04_2-2.5

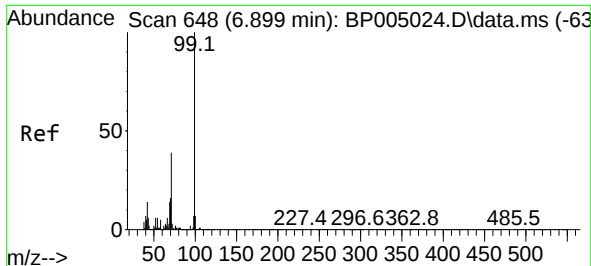
Tgt Ion:152 Resp: 19545
Ion Ratio Lower Upper
152 100
150 152.7 123.8 185.6
115 63.8 43.8 65.6



#5
2-Fluorophenol
Concen: 94.97 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.000 min
Lab File: BP005216.D
Acq: 07 Apr 2021 12:32

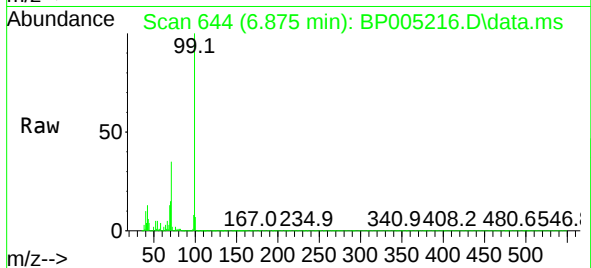
Tgt Ion:112 Resp: 120619
Ion Ratio Lower Upper
112 100
64 61.1 32.8 49.2#
63 30.7 17.0 25.4#



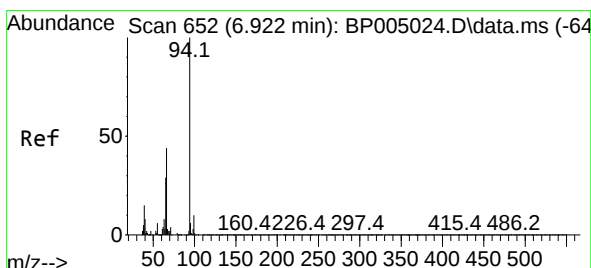
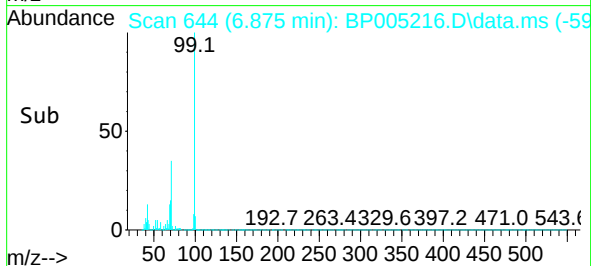
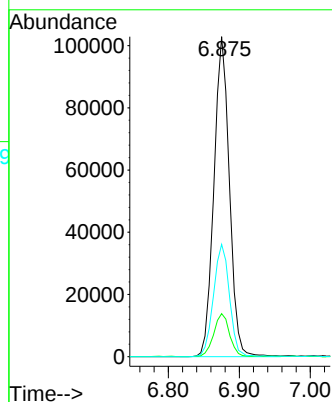


#7
Phenol-d6
Concen: 85.46 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BP005216.D
Acq: 07 Apr 2021 12:32

Instrument :
BNA_P
ClientSampleId :
BENNETT_BH_04_2-2.5

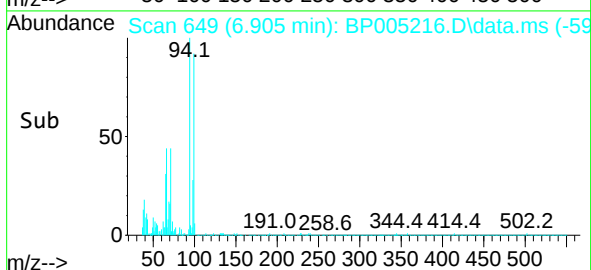
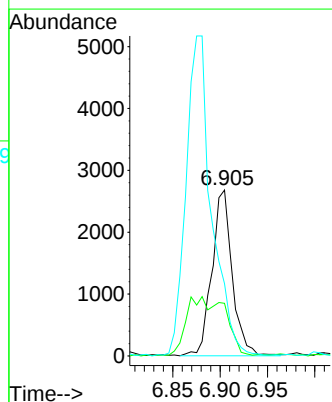
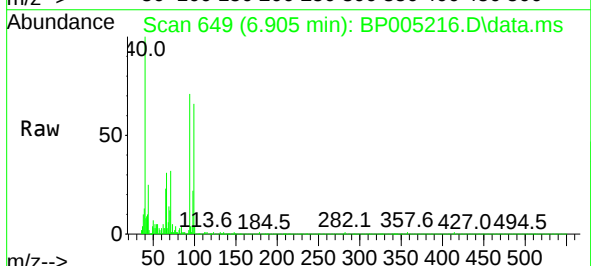


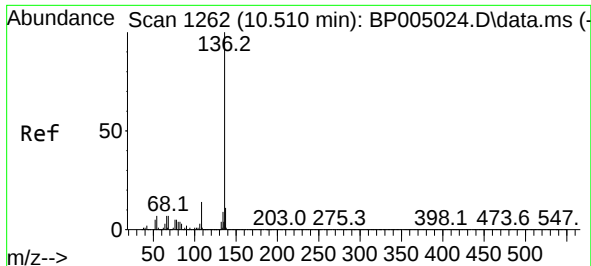
Tgt Ion: 99 Resp: 155462
Ion Ratio Lower Upper
99 100
42 13.5 8.6 13.0#
71 35.1 23.4 35.2



#10
Phenol
Concen: 2.14 ng
RT: 6.905 min Scan# 649
Delta R.T. 0.000 min
Lab File: BP005216.D
Acq: 07 Apr 2021 12:32

Tgt Ion: 94 Resp: 3996
Ion Ratio Lower Upper
94 100
65 31.8 2.3 42.3
66 43.6 10.9 50.9

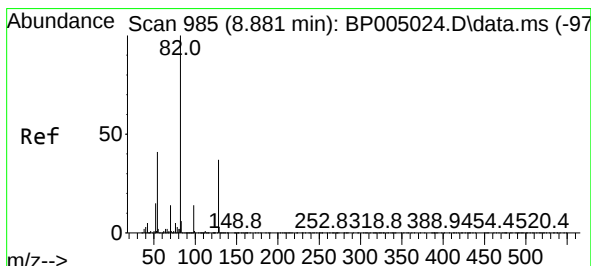
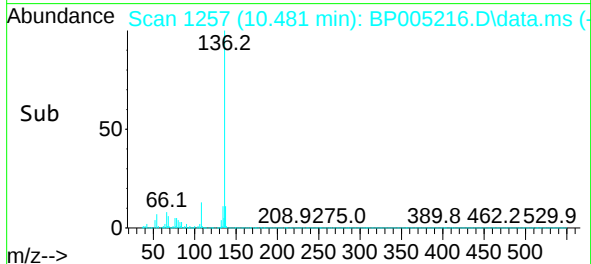
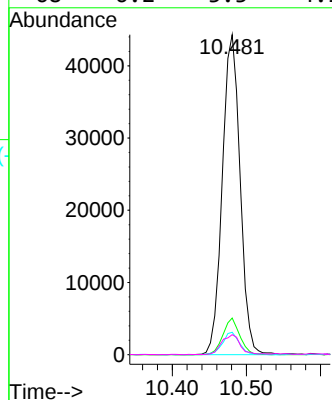
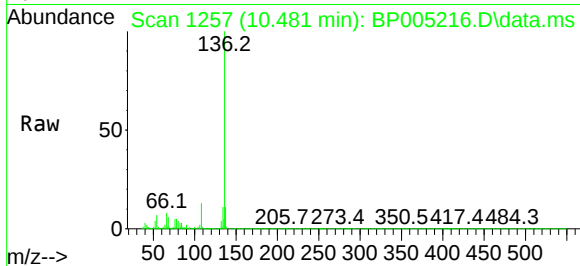




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BP005216.D
Acq: 07 Apr 2021 12:32

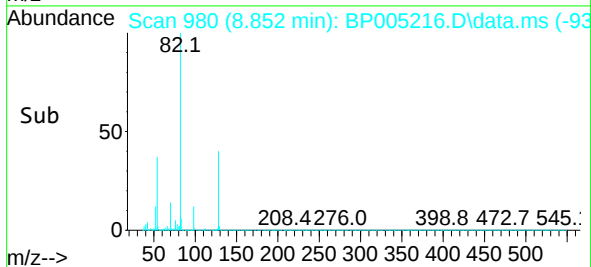
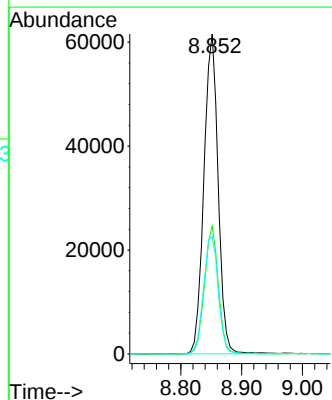
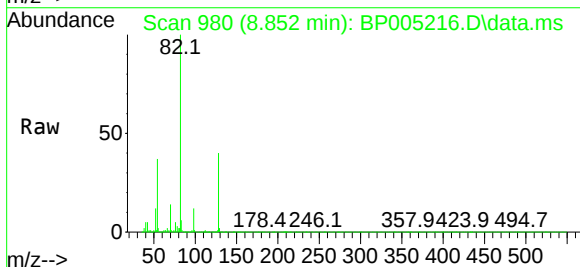
Instrument :
BNA_P
ClientSampleId :
BENNETT_BH_04_2-2.5

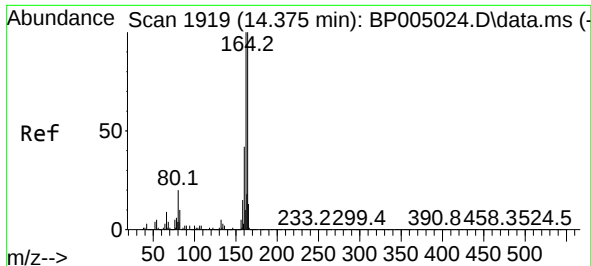
Tgt Ion:	136	Resp:	73790
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.6	13.0
54	7.0	3.6	5.4#
68	6.2	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 58.21 ng
RT: 8.852 min Scan# 980
Delta R.T. -0.006 min
Lab File: BP005216.D
Acq: 07 Apr 2021 12:32

Tgt Ion:	82	Resp:	100116
Ion Ratio	Lower	Upper	
82	100		
128	39.9	45.6	68.4#
54	36.7	30.1	45.1

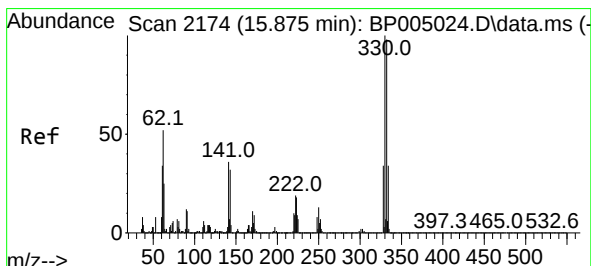
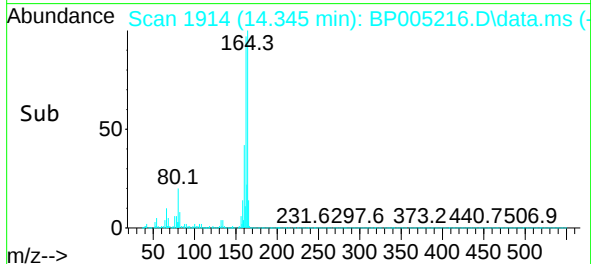
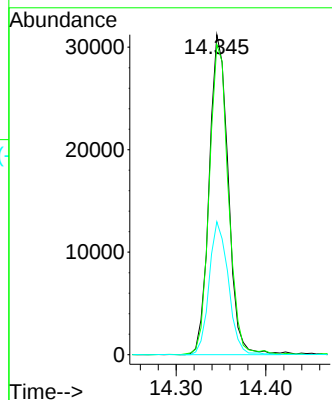
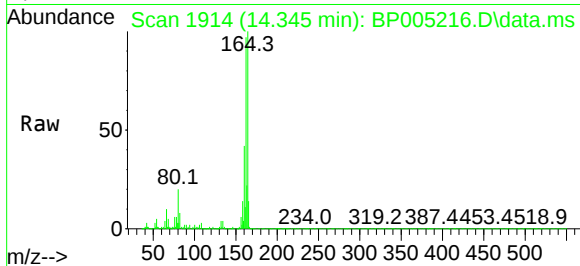




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP005216.D
Acq: 07 Apr 2021 12:32

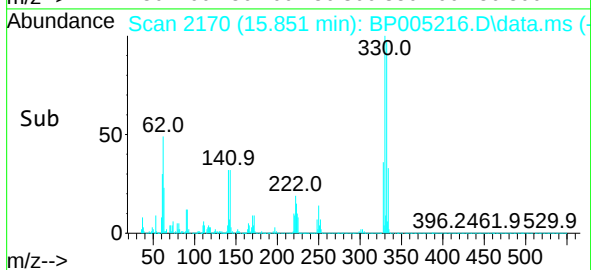
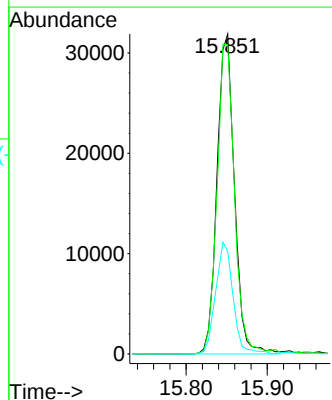
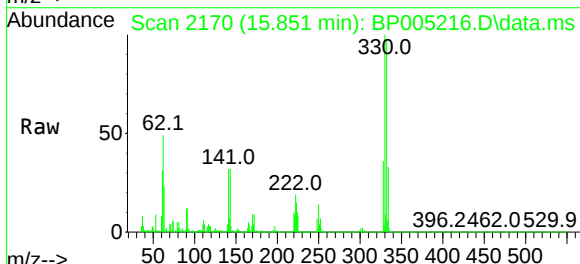
Instrument :
BNA_P
ClientSampleId :
BENNETT_BH_04_2-2.5

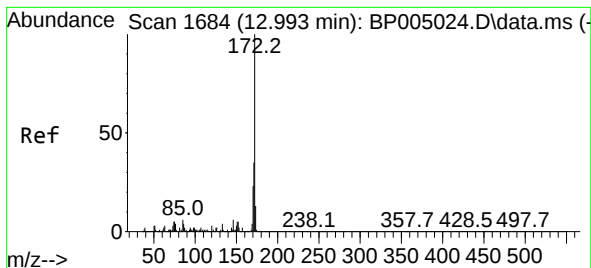
Tgt Ion:164 Resp: 45726
Ion Ratio Lower Upper
164 100
162 96.9 79.4 119.2
160 41.6 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 79.90 ng
RT: 15.851 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BP005216.D
Acq: 07 Apr 2021 12:32

Tgt Ion:330 Resp: 47604
Ion Ratio Lower Upper
330 100
332 98.1 77.1 115.7
141 34.9 23.4 35.2

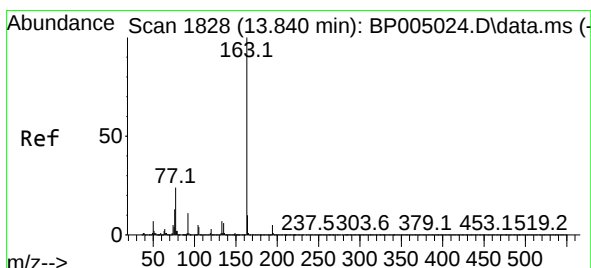
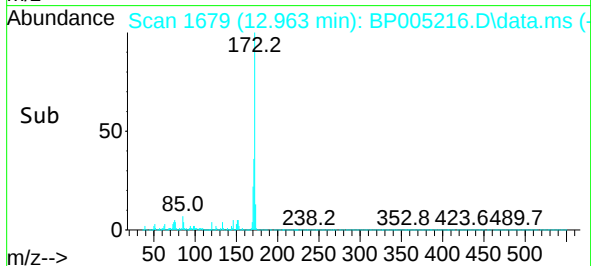
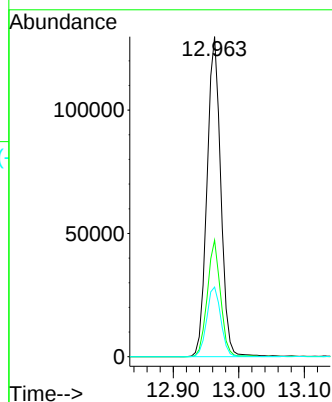
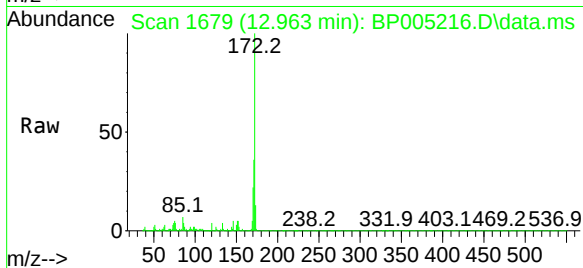




#45
2-Fluorobiphenyl
Concen: 56.10 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005216.D
Acq: 07 Apr 2021 12:32

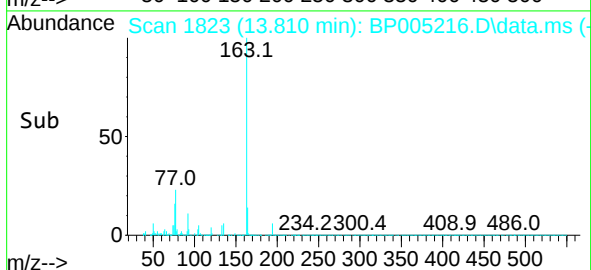
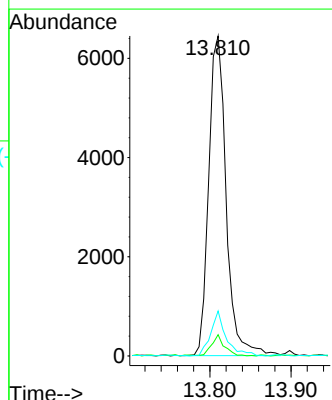
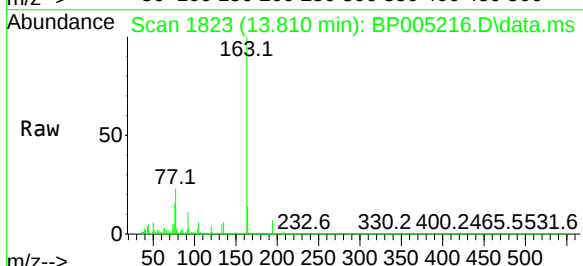
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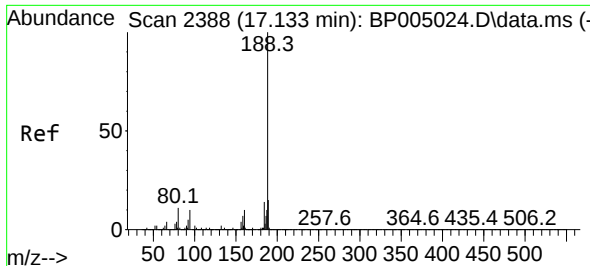
Tgt Ion:172 Resp: 189640
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 21.8 19.2 28.8



#50
Dimethylphthalate
Concen: 2.73 ng
RT: 13.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BP005216.D
Acq: 07 Apr 2021 12:32

Tgt Ion:163 Resp: 9606
Ion Ratio Lower Upper
163 100
194 6.6 3.3 4.9#
164 14.0 8.2 12.2#

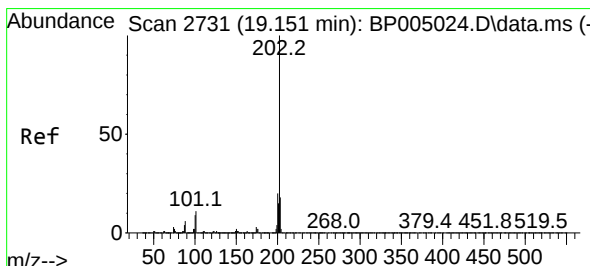
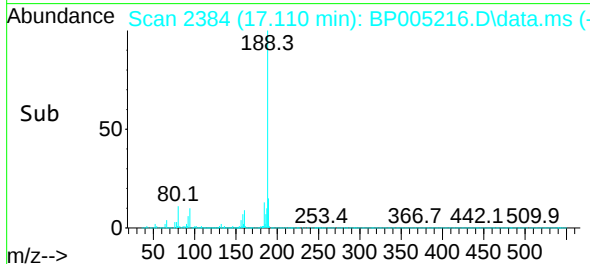
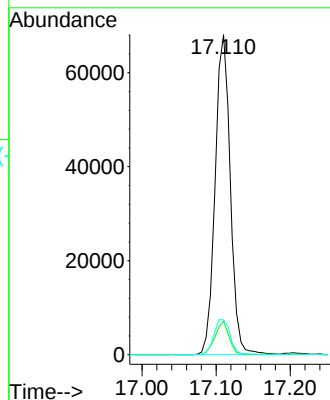
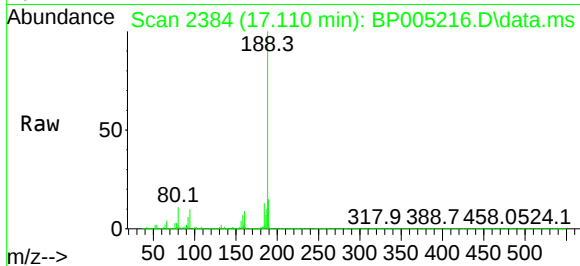




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.110 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BP005216.D
Acq: 07 Apr 2021 12:32

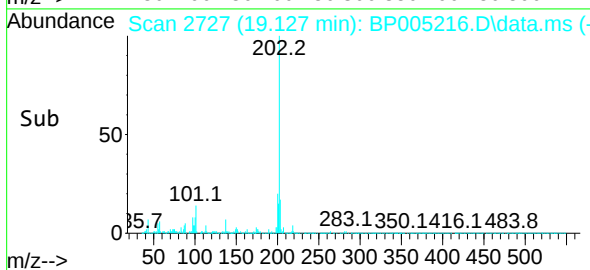
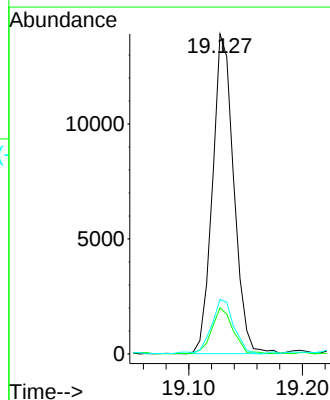
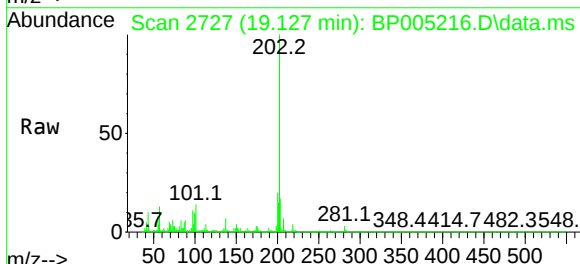
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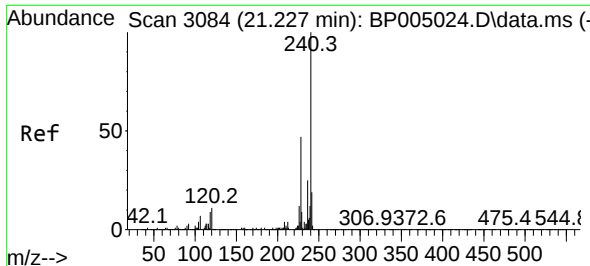
Tgt Ion:188 Resp: 96702
Ion Ratio Lower Upper
188 100
94 10.5 6.2 9.2#
80 10.9 6.2 9.2#



#75
Fluoranthene
Concen: 2.73 ng
RT: 19.127 min Scan# 2727
Delta R.T. -0.006 min
Lab File: BP005216.D
Acq: 07 Apr 2021 12:32

Tgt Ion:202 Resp: 18023
Ion Ratio Lower Upper
202 100
101 14.4 0.0 29.4
203 17.0 0.0 37.8

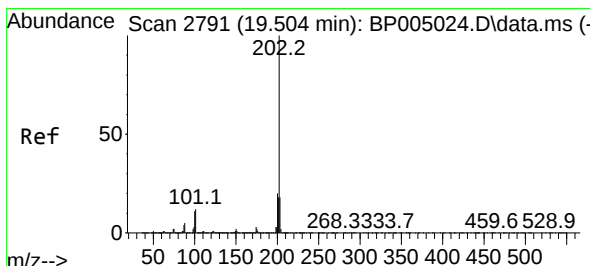
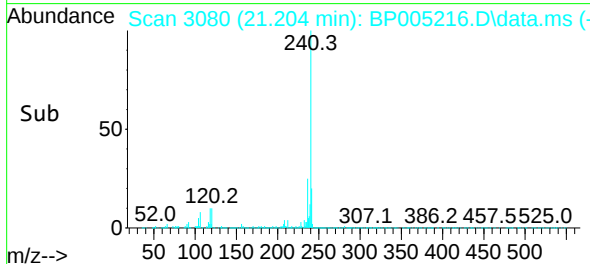
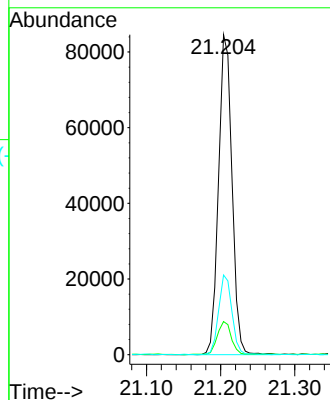
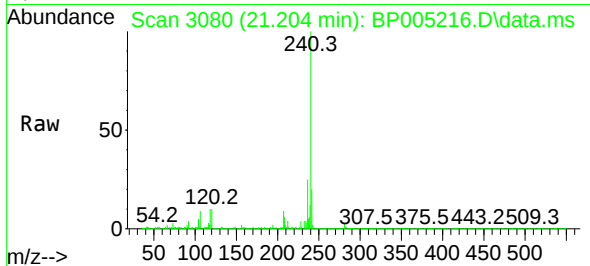




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.012 min
Lab File: BP005216.D
Acq: 07 Apr 2021 12:32

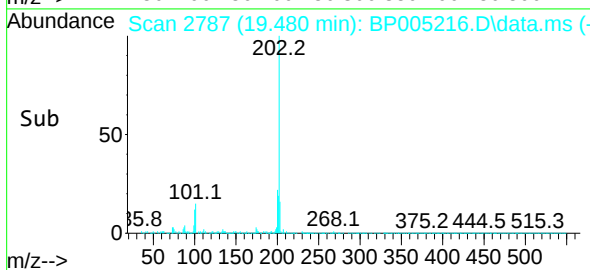
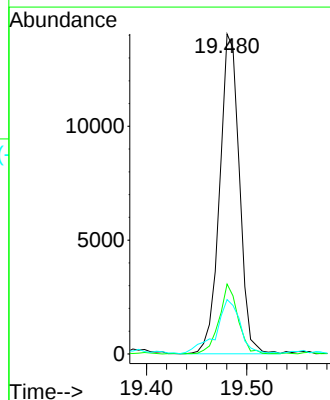
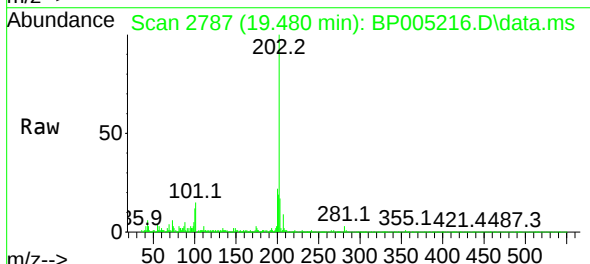
Instrument :
BNA_P
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BENNETT_BH_04_2-2.5

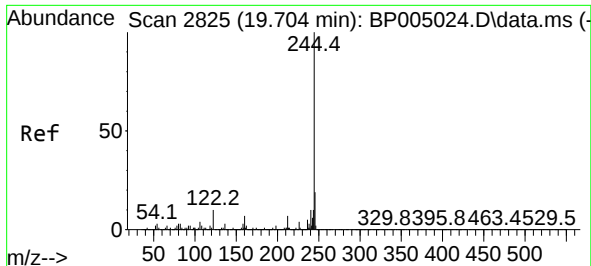
Tgt Ion:240 Resp: 106521
Ion Ratio Lower Upper
240 100
120 10.3 7.8 11.6
236 24.9 20.8 31.2



#78
Pyrene
Concen: 2.61 ng
RT: 19.480 min Scan# 2787
Delta R.T. -0.006 min
Lab File: BP005216.D
Acq: 07 Apr 2021 12:32

Tgt Ion:202 Resp: 19123
Ion Ratio Lower Upper
202 100
200 21.9 17.1 25.7
203 17.0 14.2 21.2

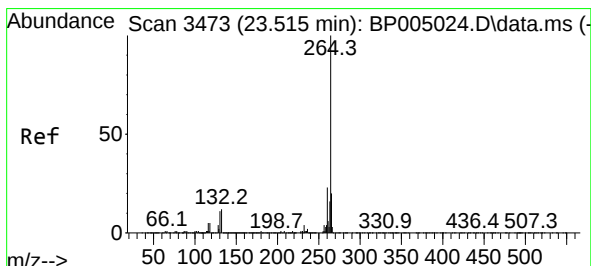
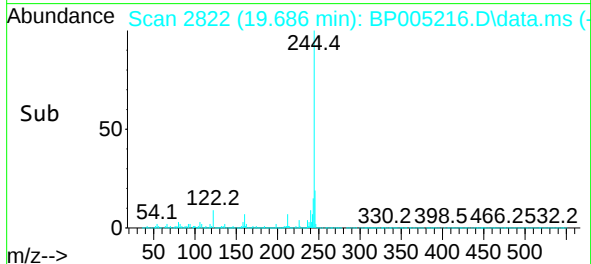
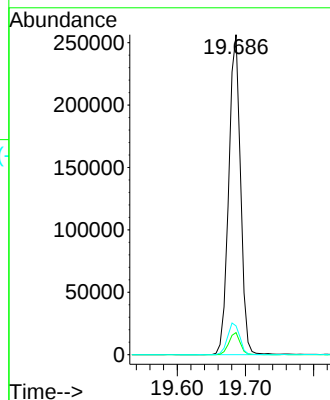
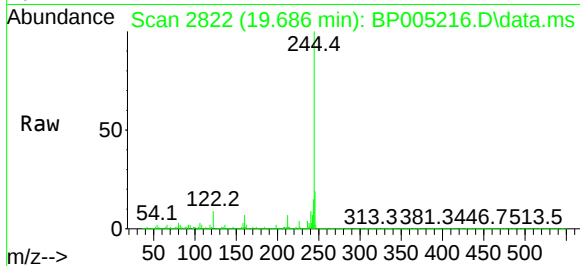




#79
Terphenyl-d14
Concen: 52.65 ng
RT: 19.686 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BP005216.D
Acq: 07 Apr 2021 12:32

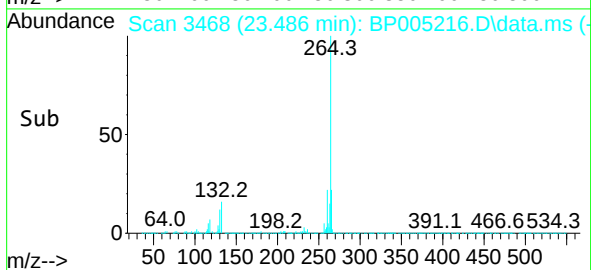
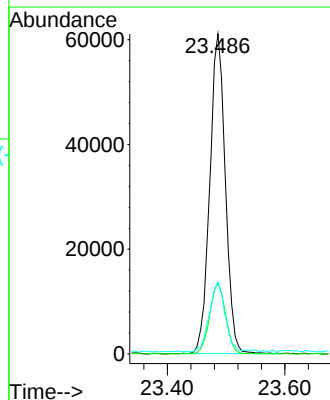
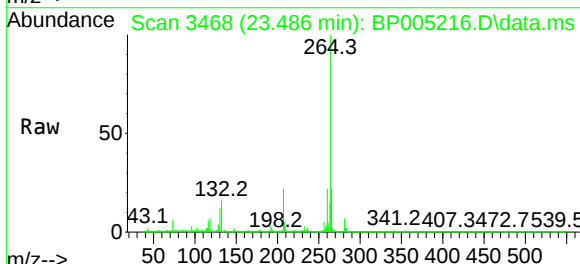
Instrument :
BNA_P
ClientSampleId :
BENNETT_BH_04_2-2.5

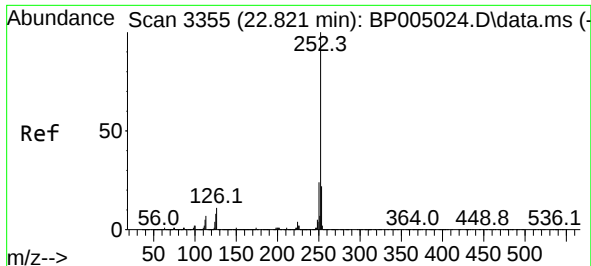
Tgt Ion:244 Resp: 308097
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 9.0 7.8 11.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.486 min Scan# 3468
Delta R.T. -0.006 min
Lab File: BP005216.D
Acq: 07 Apr 2021 12:32

Tgt Ion:264 Resp: 112365
Ion Ratio Lower Upper
264 100
260 22.2 18.8 28.2
265 22.4 17.4 26.2

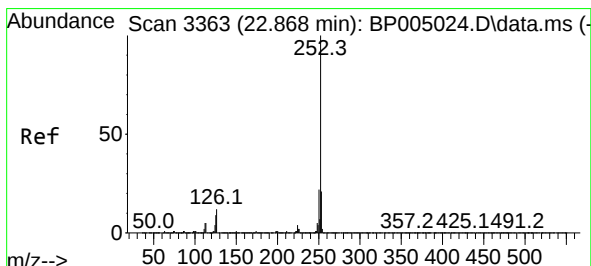
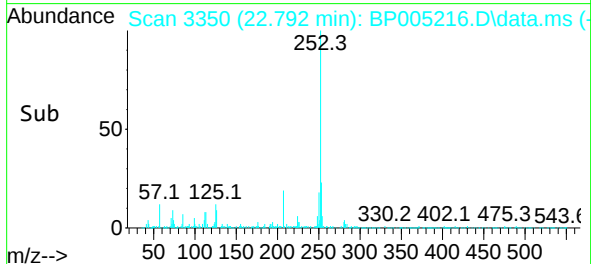
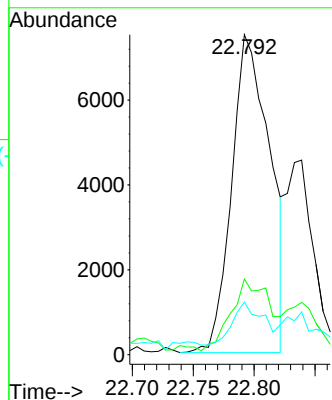
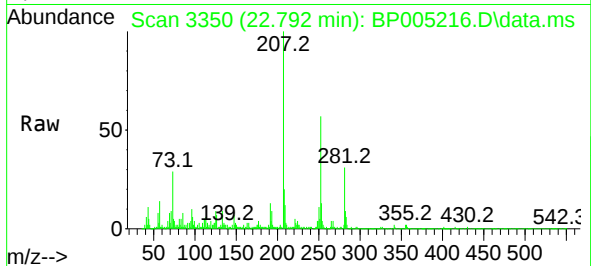




#88
Benzo(b)fluoranthene
Concen: 2.04 ng
RT: 22.792 min Scan# 3350
Delta R.T. -0.012 min
Lab File: BP005216.D
Acq: 07 Apr 2021 12:32

Instrument :
BNA_P
ClientSampleId :
BENNETT_BH_04_2-2.5

Tgt Ion:252 Resp: 16275
Ion Ratio Lower Upper
252 100
253 23.6 17.6 26.4
125 16.5 7.3 10.9#



#89
Benzo(k)fluoranthene
Concen: 2.13 ng
RT: 22.792 min Scan# 3350
Delta R.T. -0.059 min
Lab File: BP005216.D
Acq: 07 Apr 2021 12:32

Tgt Ion:252 Resp: 16275
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.8
125 16.5 7.4 11.2#

