

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041621\
 Data File : BP005321.D
 Acq On : 16 Apr 2021 16:32
 Operator : CG/JU
 Sample : M1947-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FS-SB19B(19-20)X

Quant Time: Apr 16 17:38:25 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 11:02:58 2021
 Response via : Initial Calibration

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

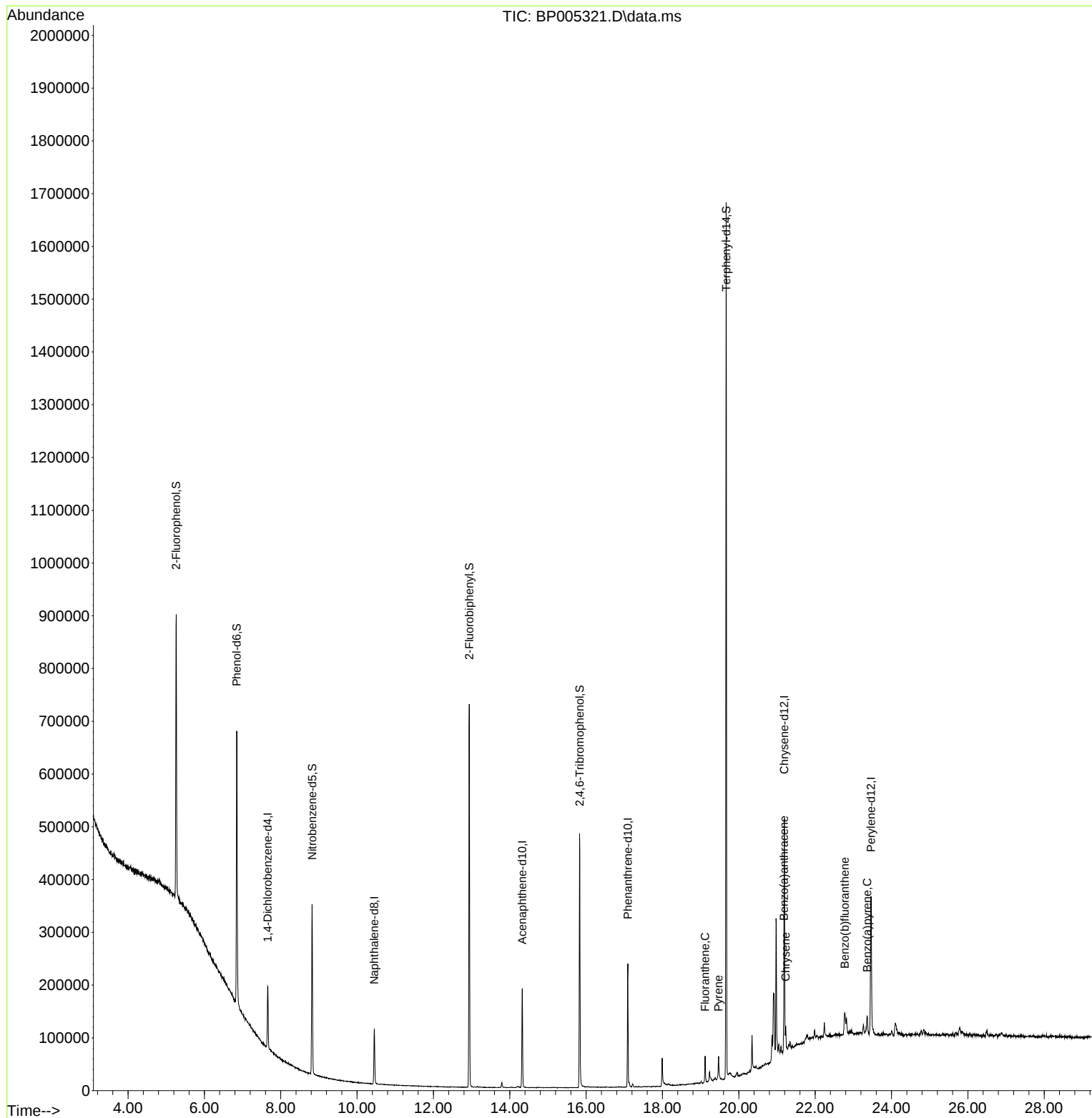
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	30159	20.00	ng	0.00
21) Naphthalene-d8	10.452	136	74125	20.00	ng	0.00
39) Acenaphthene-d10	14.328	164	47864	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	115621	20.00	ng	0.00
76) Chrysene-d12	21.192	240	179160	20.00	ng	0.00
86) Perylene-d12	23.463	264	179492	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.264	112	260318	105.25	ng	0.00
7) Phenol-d6	6.846	99	292636	102.30	ng	0.00
23) Nitrobenzene-d5	8.822	82	186726	77.80	ng	0.00
42) 2,4,6-Tribromophenol	15.834	330	78564	123.48	ng	0.00
45) 2-Fluorobiphenyl	12.940	172	302999	84.08	ng	0.00
79) Terphenyl-d14	19.669	244	648108	71.45	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.116	202	22708	2.79	ng	94
78) Pyrene	19.469	202	24735	2.42	ng	96
81) Benzo(a)anthracene	21.180	228	26828	2.35	ng	99
83) Chrysene	21.228	228	22641	2.00	ng	98
88) Benzo(b)fluoranthene	22.775	252	34073	2.83	ng	98
90) Benzo(a)pyrene	23.363	252	25868	2.35	ng	# 99

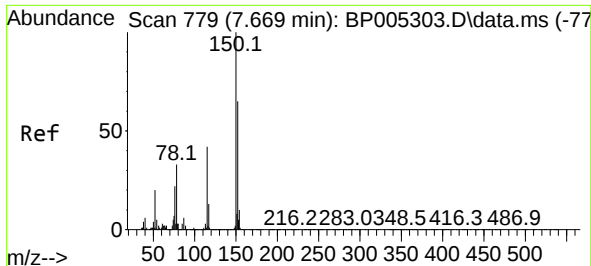
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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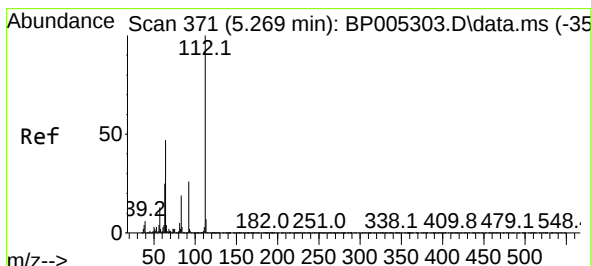
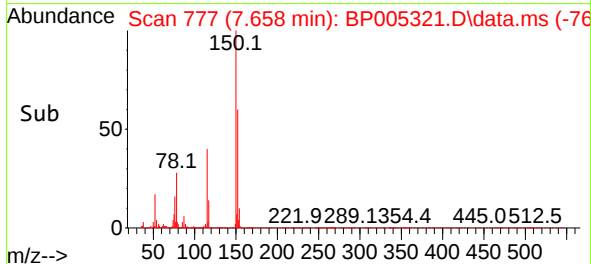
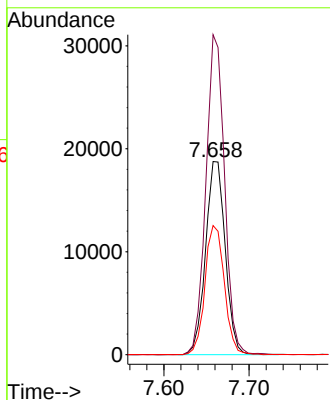
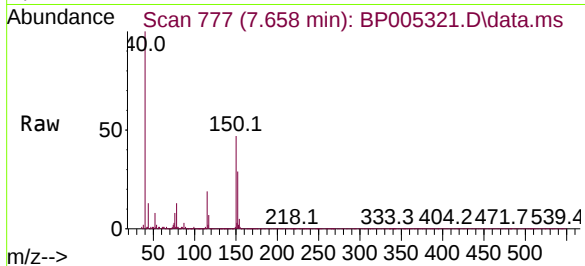




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.658 min Scan# 777
Delta R.T. -0.005 min
Lab File: BP005321.D
Acq: 16 Apr 2021 16:32

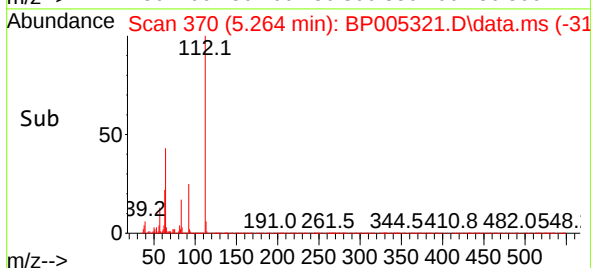
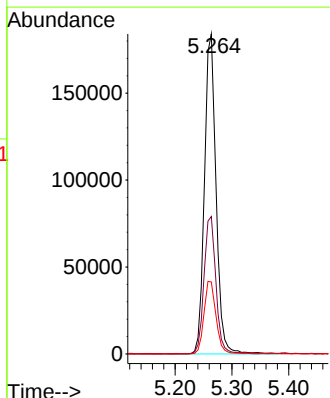
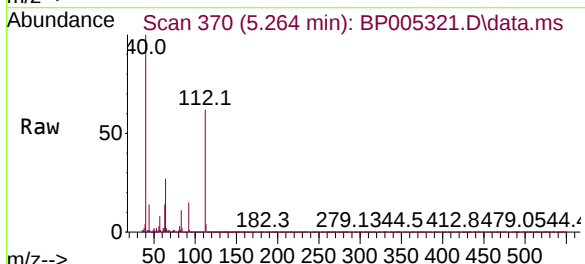
Instrument :
BNA_P
ClientSampleId :
FS-SB19B(19-20)X

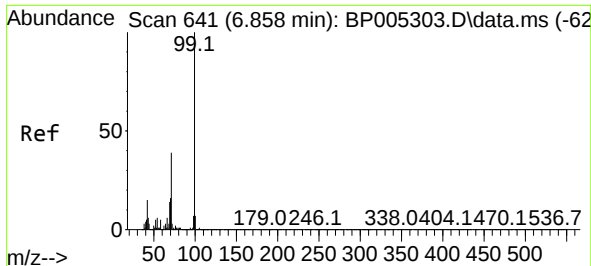
Tgt Ion:152 Resp: 30159
Ion Ratio Lower Upper
152 100
150 165.7 122.9 184.3
115 66.9 52.2 78.2



#5
2-Fluorophenol
Concen: 105.25 ng
RT: 5.264 min Scan# 370
Delta R.T. 0.000 min
Lab File: BP005321.D
Acq: 16 Apr 2021 16:32

Tgt Ion:112 Resp: 260318
Ion Ratio Lower Upper
112 100
64 43.0 37.6 56.4
63 22.5 20.4 30.6

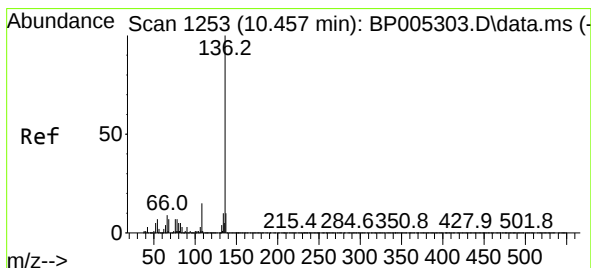
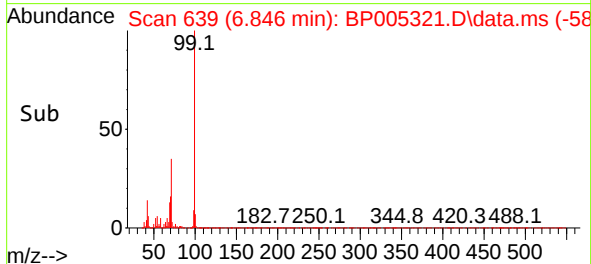
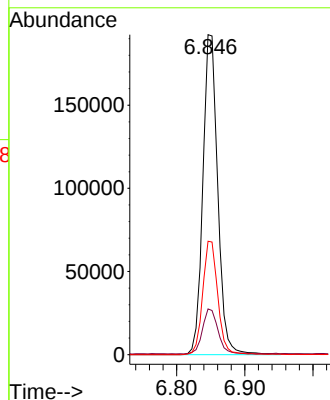
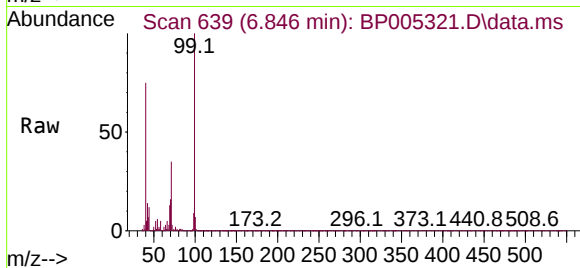




#7
Phenol-d6
Concen: 102.30 ng
RT: 6.846 min Scan# 639
Delta R.T. -0.006 min
Lab File: BP005321.D
Acq: 16 Apr 2021 16:32

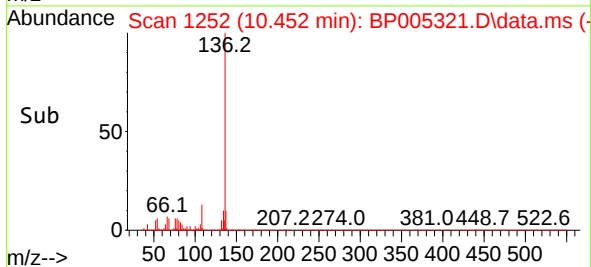
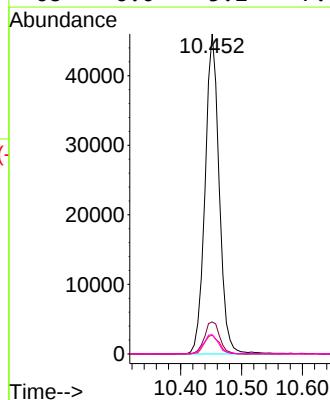
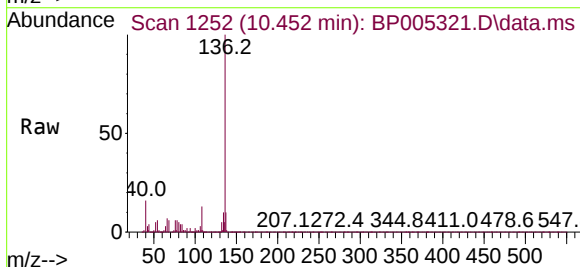
Instrument :
BNA_P
ClientSampleId :
FS-SB19B(19-20)X

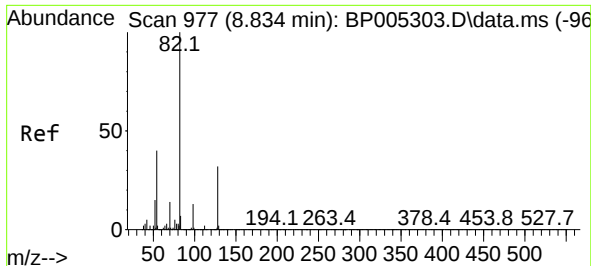
Tgt Ion:	99	Resp:	292636
Ion	Ratio	Lower	Upper
99	100		
42	14.3	12.0	18.0
71	35.5	31.4	47.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.452 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BP005321.D
Acq: 16 Apr 2021 16:32

Tgt Ion:	136	Resp:	74125
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.4	12.6
54	6.0	5.8	8.8
68	6.0	5.2	7.8





#23

Nitrobenzene-d5

Concen: 77.80 ng

RT: 8.822 min Scan# 975

Delta R.T. -0.006 min

Lab File: BP005321.D

Acq: 16 Apr 2021 16:32

Instrument :

BNA_P

ClientSampleId :

FS-SB19B(19-20)X

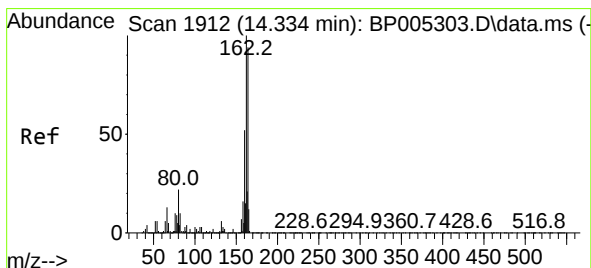
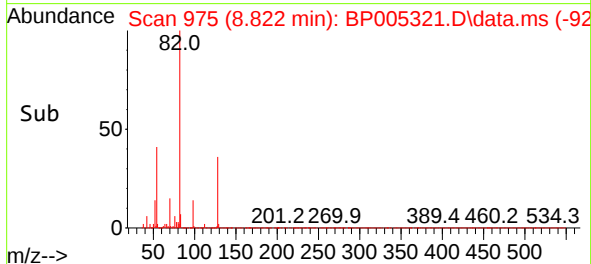
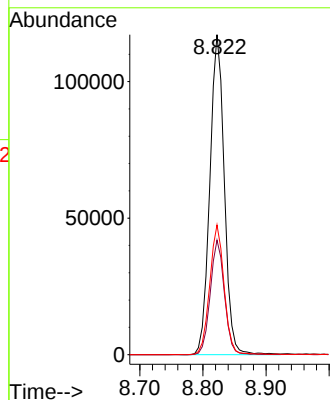
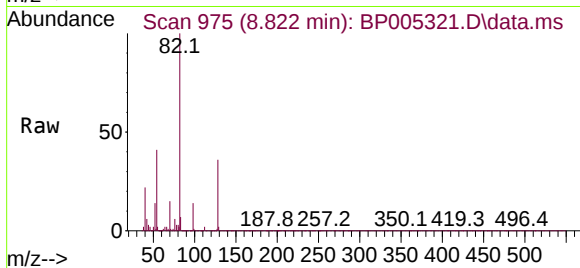
Tgt Ion: 82 Resp: 186726

Ion Ratio Lower Upper

82 100

128 35.8 25.3 37.9

54 40.5 31.7 47.5



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.328 min Scan# 1911

Delta R.T. 0.000 min

Lab File: BP005321.D

Acq: 16 Apr 2021 16:32

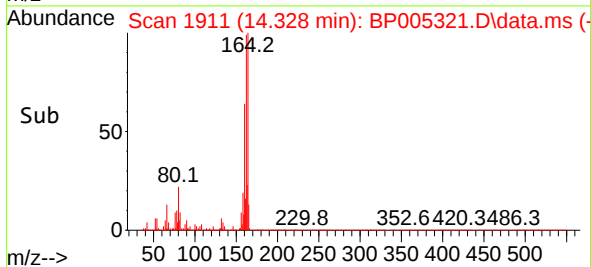
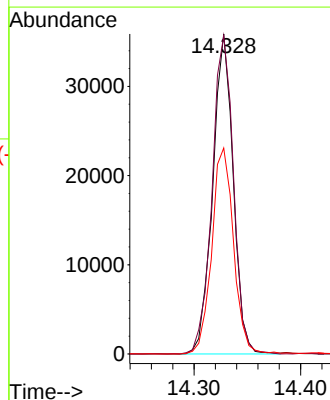
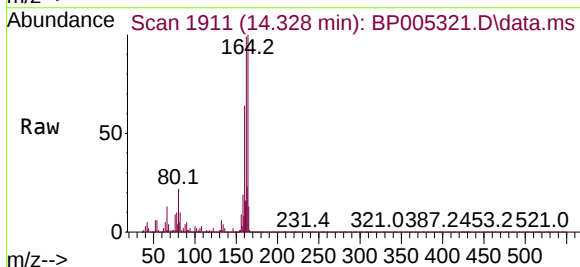
Tgt Ion:164 Resp: 47864

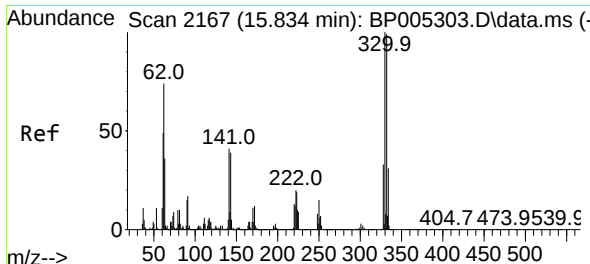
Ion Ratio Lower Upper

164 100

162 99.4 84.8 127.2

160 64.3 44.2 66.4

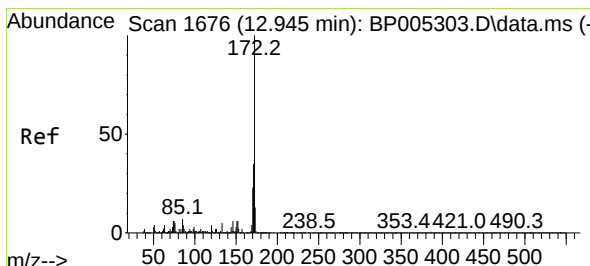
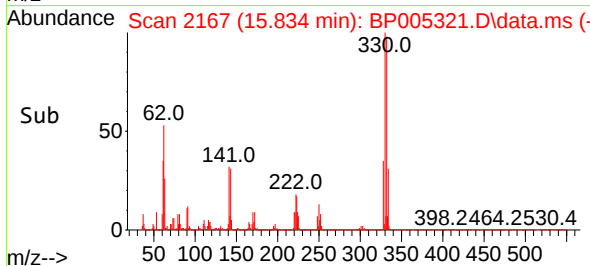
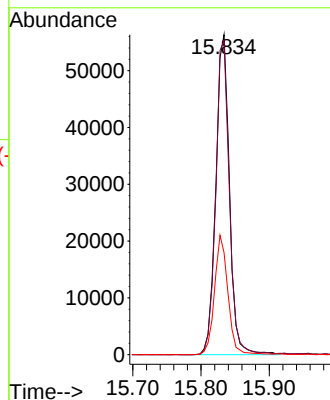
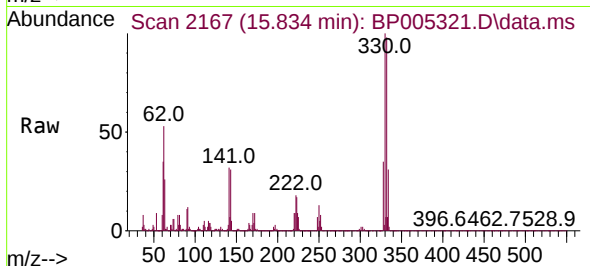




#42
2,4,6-Tribromophenol
Concen: 123.48 ng
RT: 15.834 min Scan# 2167
Delta R.T. 0.000 min
Lab File: BP005321.D
Acq: 16 Apr 2021 16:32

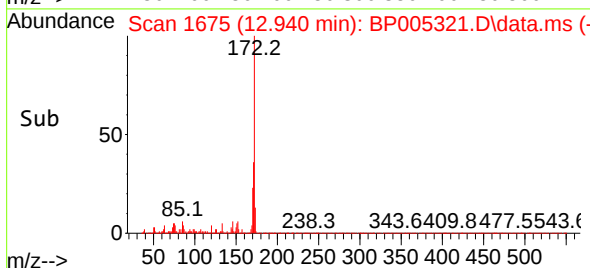
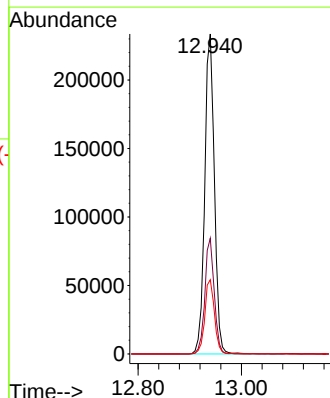
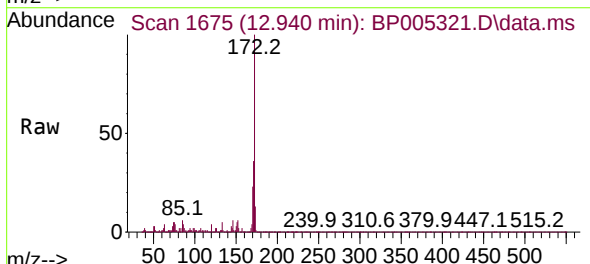
Instrument :
BNA_P
ClientSampleId :
FS-SB19B(19-20)X

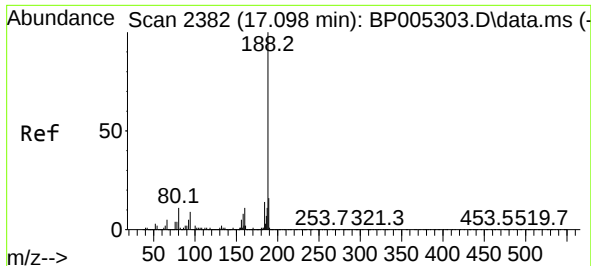
Tgt Ion:	330	Resp:	78564
Ion Ratio	Lower	Upper	
330	100		
332	97.7	78.6	118.0
141	36.6	31.6	47.4



#45
2-Fluorobiphenyl
Concen: 84.08 ng
RT: 12.940 min Scan# 1675
Delta R.T. 0.000 min
Lab File: BP005321.D
Acq: 16 Apr 2021 16:32

Tgt Ion:	172	Resp:	302999
Ion Ratio	Lower	Upper	
172	100		
171	36.2	27.8	41.8
170	23.2	18.7	28.1

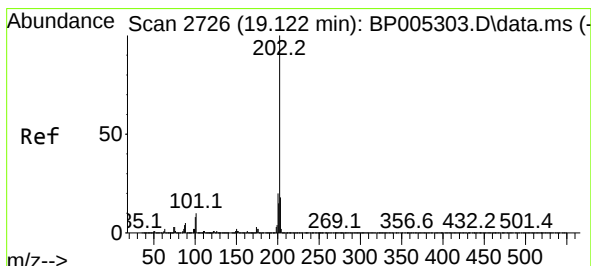
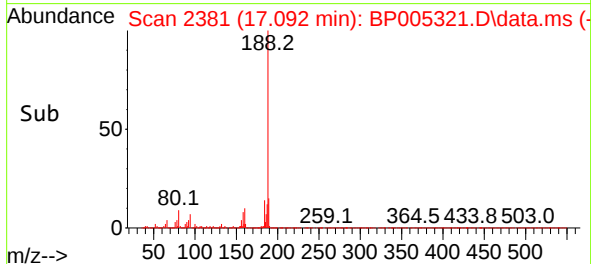
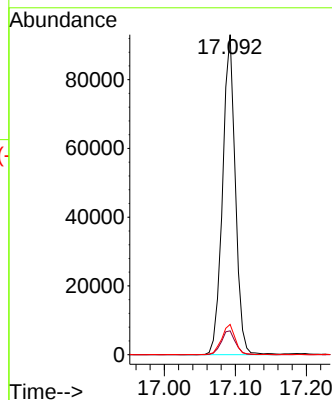
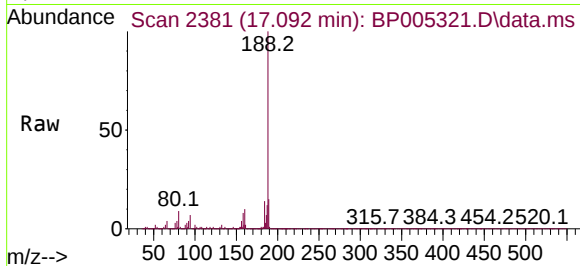




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. 0.000 min
Lab File: BP005321.D
Acq: 16 Apr 2021 16:32

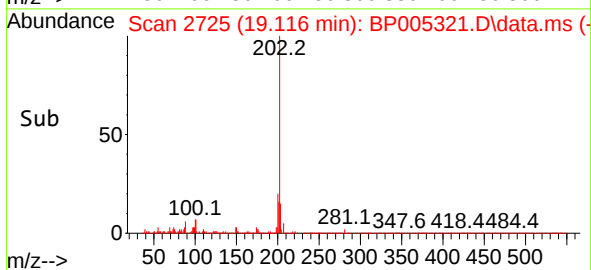
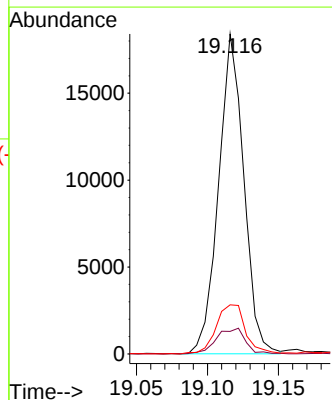
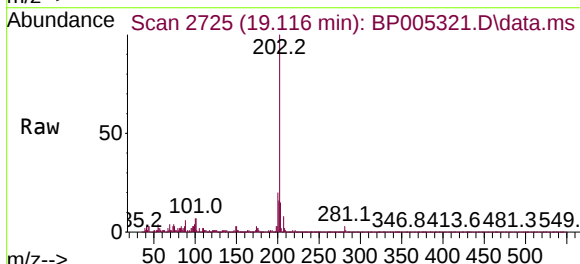
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ClientSampleId :
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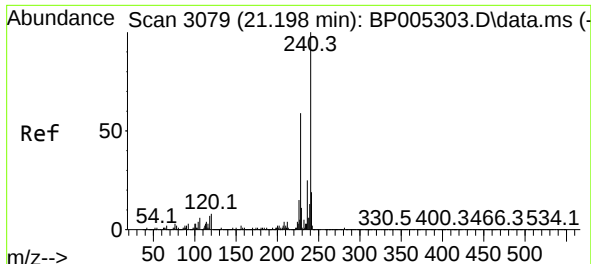
Tgt Ion:188 Resp: 115621
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 9.5 8.4 12.6



#75
Fluoranthene
Concen: 2.79 ng
RT: 19.116 min Scan# 2725
Delta R.T. 0.000 min
Lab File: BP005321.D
Acq: 16 Apr 2021 16:32

Tgt Ion:202 Resp: 22708
Ion Ratio Lower Upper
202 100
101 7.0 0.0 29.6
203 15.4 0.0 37.6

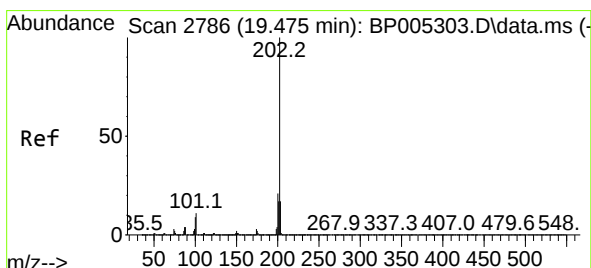
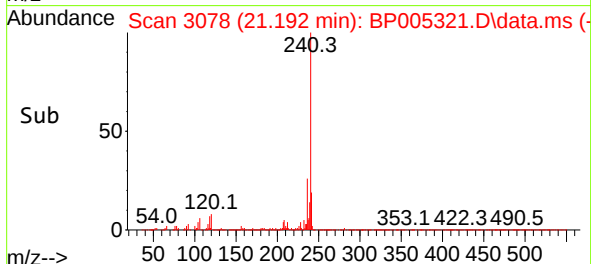
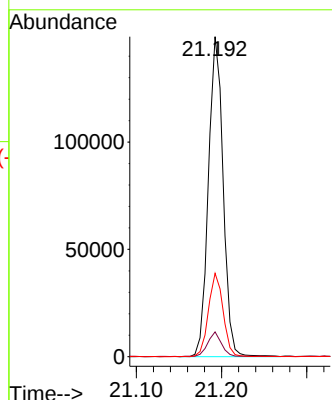
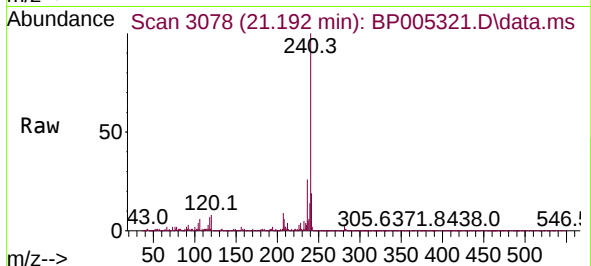




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.192 min Scan# 3078
Delta R.T. -0.006 min
Lab File: BP005321.D
Acq: 16 Apr 2021 16:32

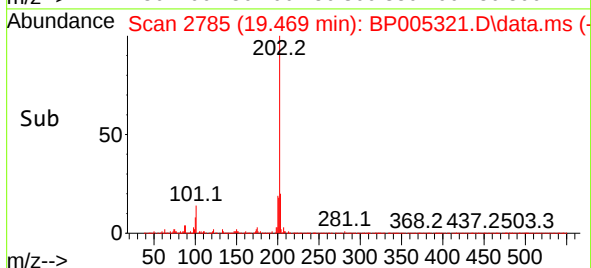
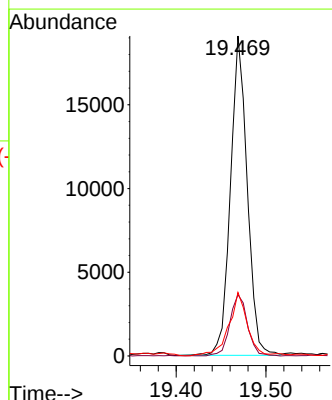
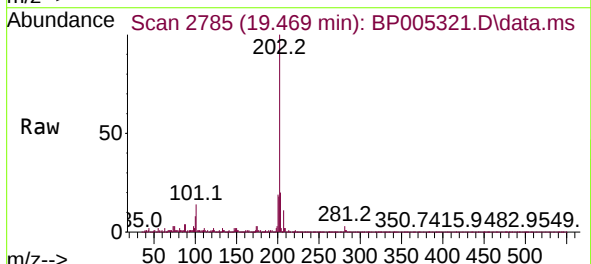
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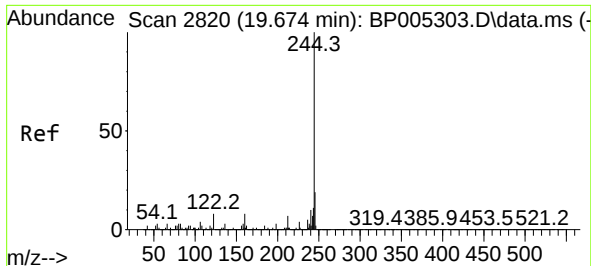
Tgt Ion:240 Resp: 179160
Ion Ratio Lower Upper
240 100
120 7.8 6.5 9.7
236 26.1 19.8 29.6



#78
Pyrene
Concen: 2.42 ng
RT: 19.469 min Scan# 2785
Delta R.T. -0.006 min
Lab File: BP005321.D
Acq: 16 Apr 2021 16:32

Tgt Ion:202 Resp: 24735
Ion Ratio Lower Upper
202 100
200 19.2 16.5 24.7
203 19.8 13.9 20.9

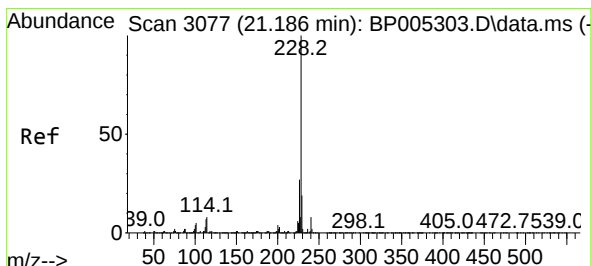
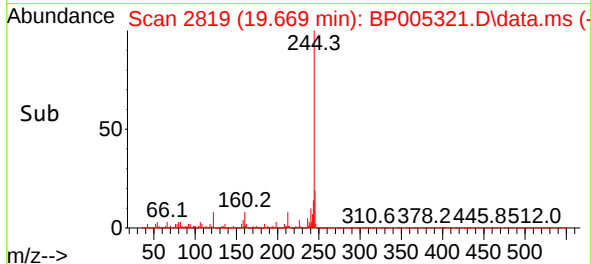
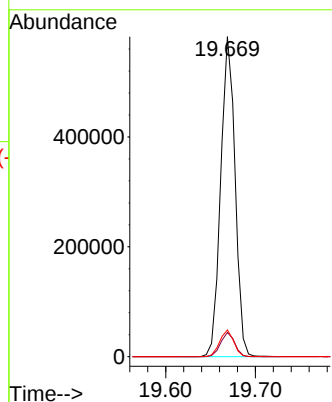
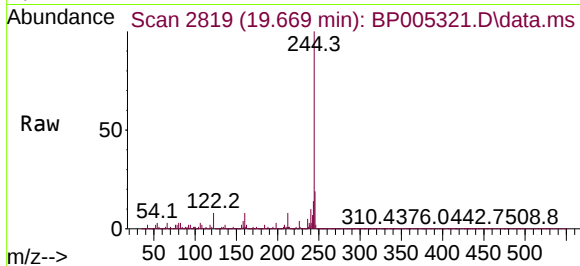




#79
Terphenyl-d14
Concen: 71.45 ng
RT: 19.669 min Scan# 2819
Delta R.T. 0.000 min
Lab File: BP005321.D
Acq: 16 Apr 2021 16:32

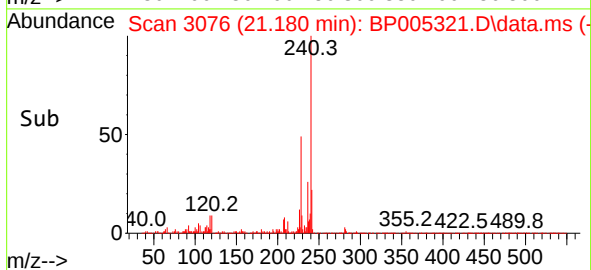
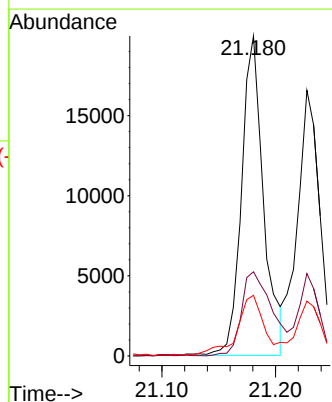
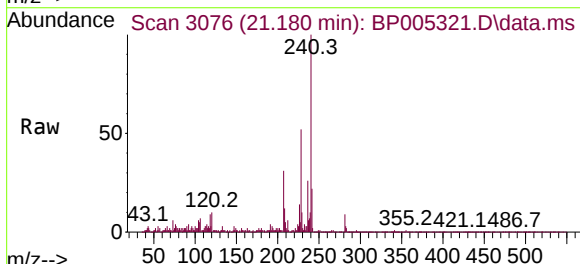
Instrument :
BNA_P
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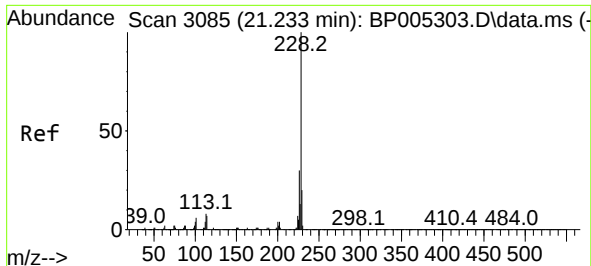
Tgt Ion:244 Resp: 648108
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 8.4 6.7 10.1



#81
Benzo(a)anthracene
Concen: 2.35 ng
RT: 21.180 min Scan# 3076
Delta R.T. 0.000 min
Lab File: BP005321.D
Acq: 16 Apr 2021 16:32

Tgt Ion:228 Resp: 26828
Ion Ratio Lower Upper
228 100
226 26.3 21.5 32.3
229 19.0 15.6 23.4

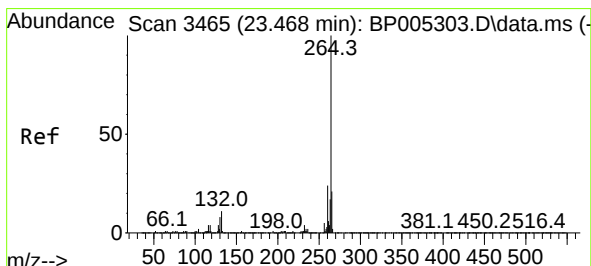
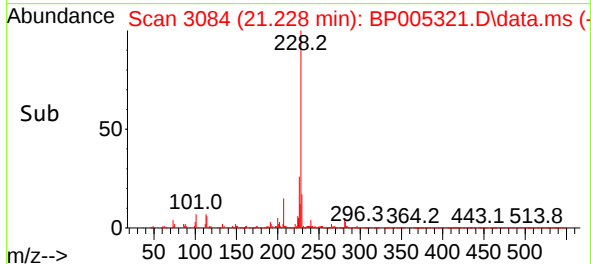
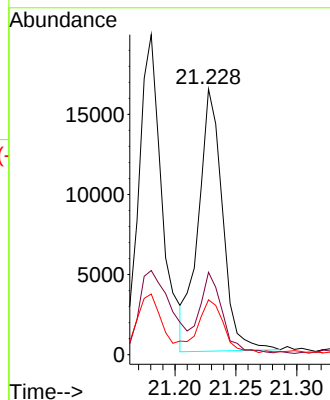
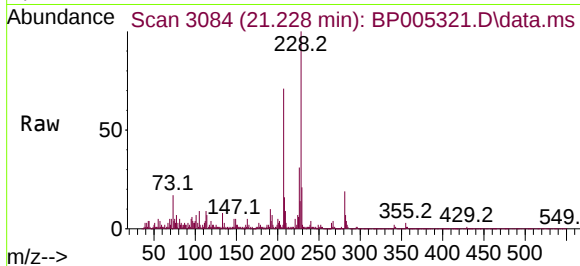




#83
Chrysene
Concen: 2.00 ng
RT: 21.228 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BP005321.D
Acq: 16 Apr 2021 16:32

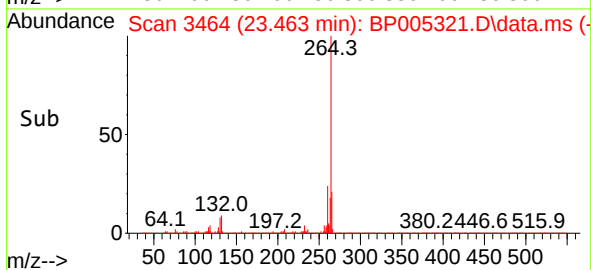
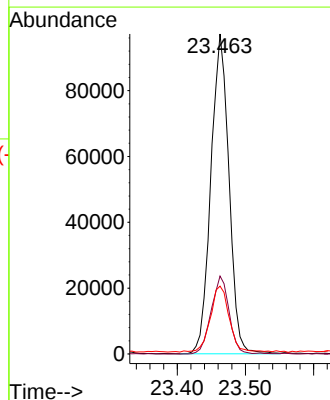
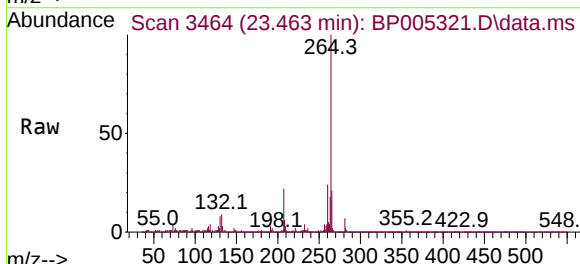
Instrument :
BNA_P
ClientSampleId :
FS-SB19B(19-20)X

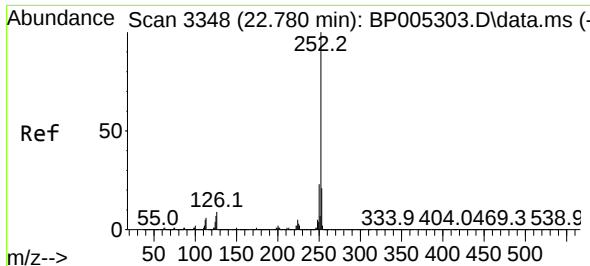
Tgt Ion:	228	Resp:	22641
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.0	36.0
229	20.7	15.6	23.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.463 min Scan# 3464
Delta R.T. 0.000 min
Lab File: BP005321.D
Acq: 16 Apr 2021 16:32

Tgt Ion:	264	Resp:	179492
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.0	28.6
265	21.2	17.0	25.6

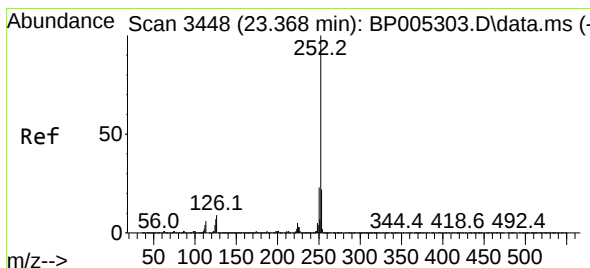
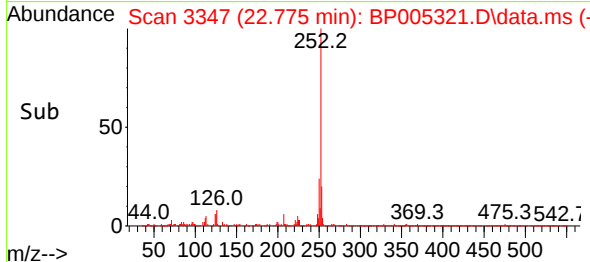
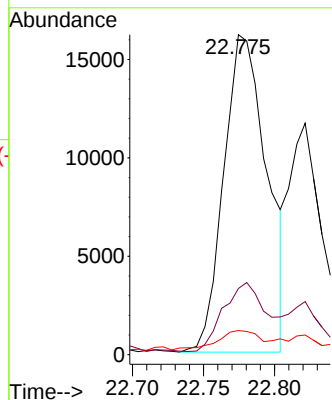
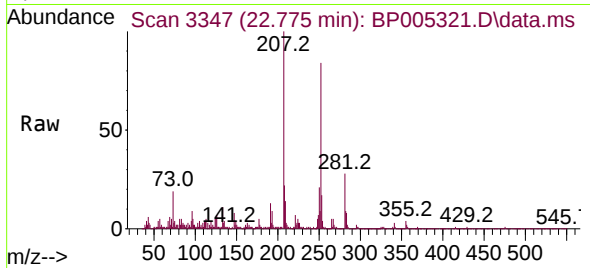




#88
Benzo(b)fluoranthene
Concen: 2.83 ng
RT: 22.775 min Scan# 3347
Delta R.T. -0.006 min
Lab File: BP005321.D
Acq: 16 Apr 2021 16:32

Instrument :
BNA_P
ClientSampleId :
FS-SB19B(19-20)X

Tgt Ion:252 Resp: 34073
Ion Ratio Lower Upper
252 100
253 20.7 17.1 25.7
125 7.5 5.3 7.9



#90
Benzo(a)pyrene
Concen: 2.35 ng
RT: 23.363 min Scan# 3447
Delta R.T. -0.006 min
Lab File: BP005321.D
Acq: 16 Apr 2021 16:32

Tgt Ion:252 Resp: 25868
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 9.1 6.0 9.0#

