

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
 Data File : BP005287.D
 Acq On : 13 Apr 2021 15:10
 Operator : CG/JU
 Sample : M1967-04RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SED-1BRE

Quant Time: Apr 14 02:42:02 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 09 18:44:11 2021
 Response via : Initial Calibration

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

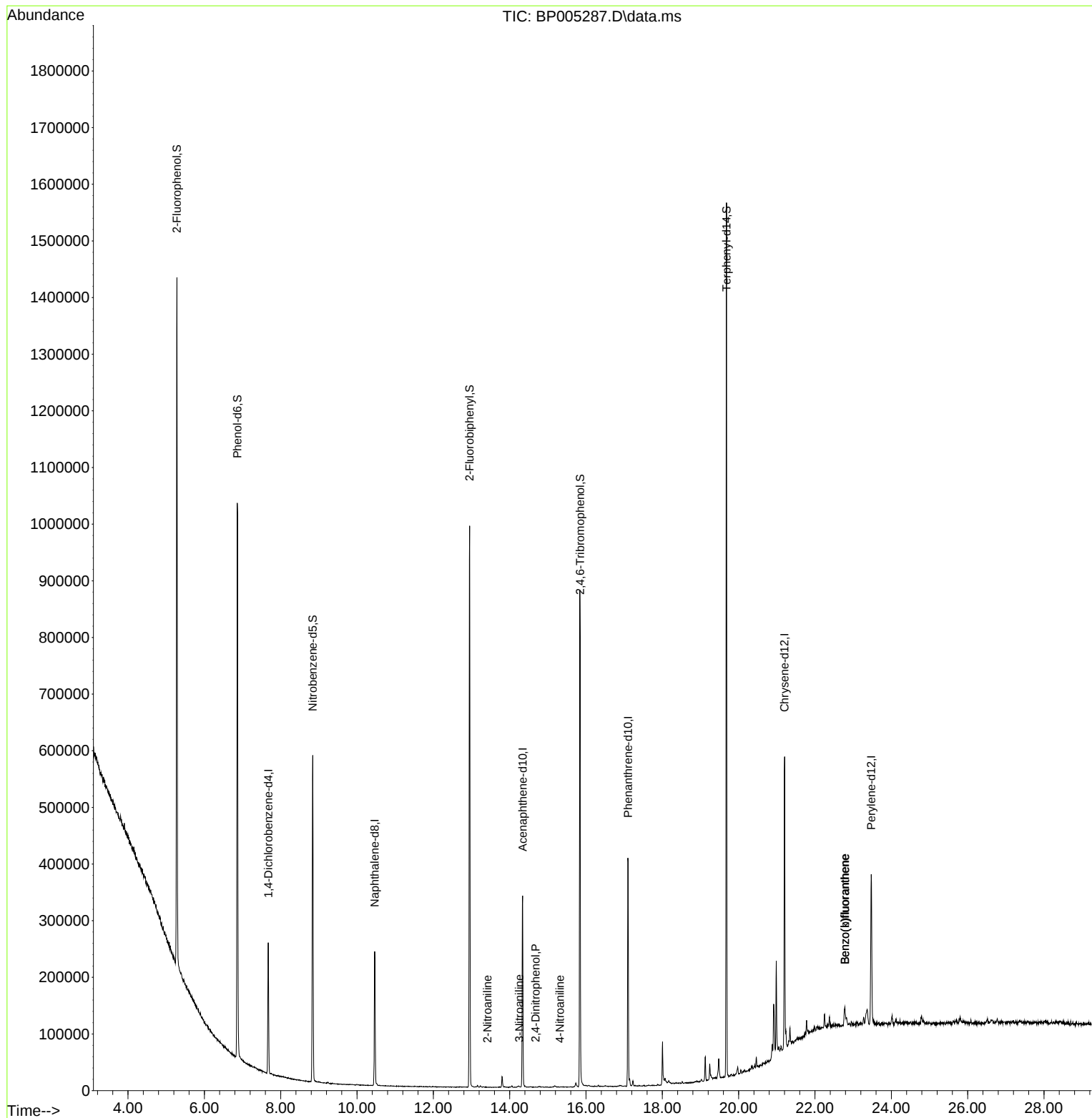
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	50798	20.00	ng	# 0.00
21) Naphthalene-d8	10.463	136	156977	20.00	ng	# 0.00
39) Acenaphthene-d10	14.339	164	93619	20.00	ng	0.00
64) Phenanthrene-d10	17.104	188	210327	20.00	ng	# 0.00
76) Chrysene-d12	21.204	240	221692	20.00	ng	# 0.00
86) Perylene-d12	23.474	264	184997	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	517306	106.87	ng	0.00
7) Phenol-d6	6.863	99	531781	96.29	ng	0.00
23) Nitrobenzene-d5	8.840	82	343530	69.01	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	123186	104.24	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	424087	61.16	ng	0.00
79) Terphenyl-d14	19.680	244	608874	53.95	ng	0.00
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.416	65	33	3.53	ng	# 34
53) 3-Nitroaniline	14.257	138	13	2.48	ng	# 1
54) 2,4-Dinitrophenol	14.680	184	22	6.17	ng	88
62) 4-Nitroaniline	15.316	138	22	2.09	ng	91
88) Benzo(b)fluoranthene	22.786	252	28354	2.34	ng	97
89) Benzo(k)fluoranthene	22.786	252	28354	2.44	ng	96

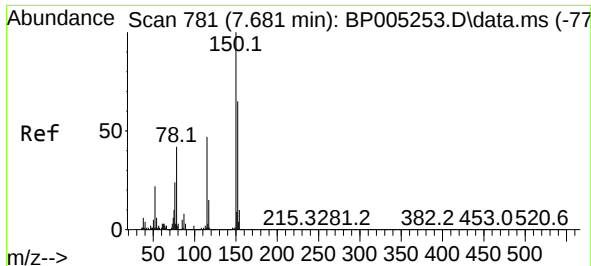
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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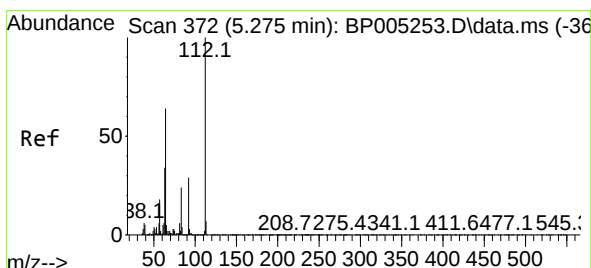
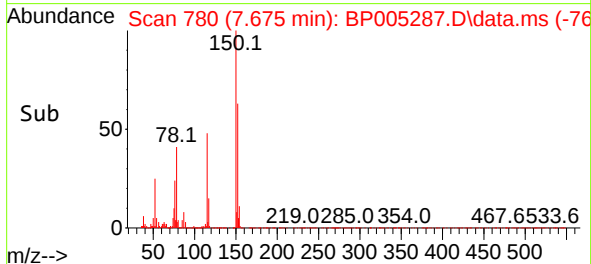
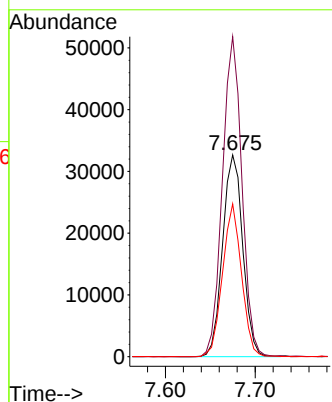
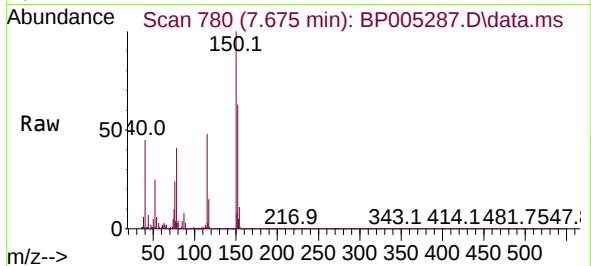




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP005287.D
Acq: 13 Apr 2021 15:10

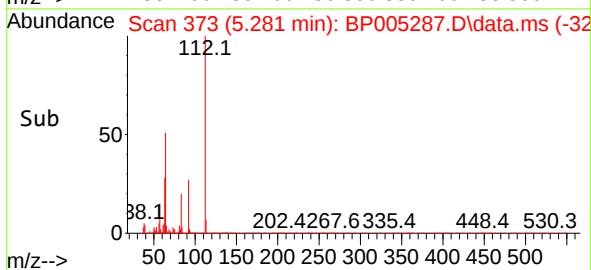
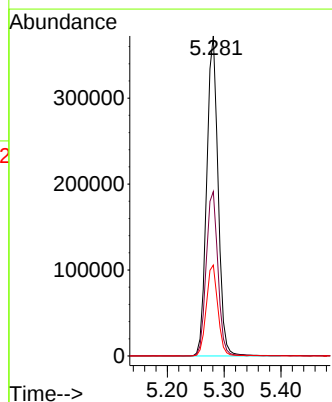
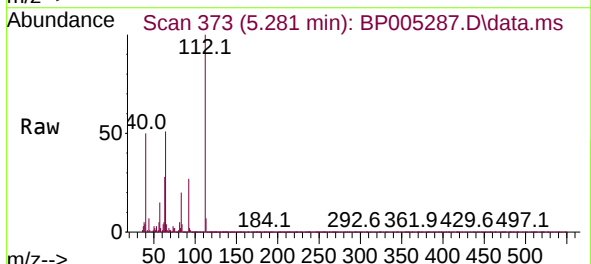
Instrument :
BNA_P
ClientSampleId :
SED-1BRE

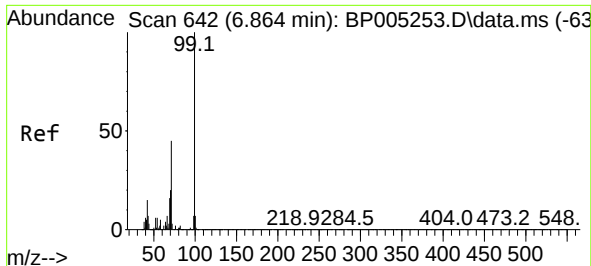
Tgt Ion:152 Resp: 50798
Ion Ratio Lower Upper
152 100
150 158.5 123.8 185.6
115 75.7 43.8 65.6#



#5
2-Fluorophenol
Concen: 106.87 ng
RT: 5.281 min Scan# 373
Delta R.T. 0.006 min
Lab File: BP005287.D
Acq: 13 Apr 2021 15:10

Tgt Ion:112 Resp: 517306
Ion Ratio Lower Upper
112 100
64 51.4 32.8 49.2#
63 28.4 17.0 25.4#

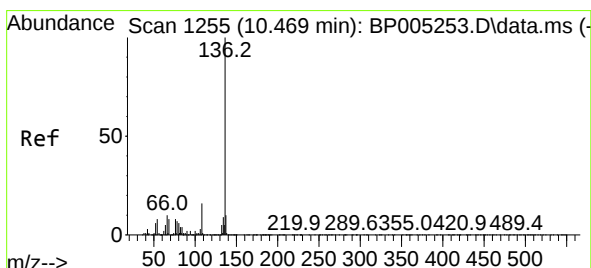
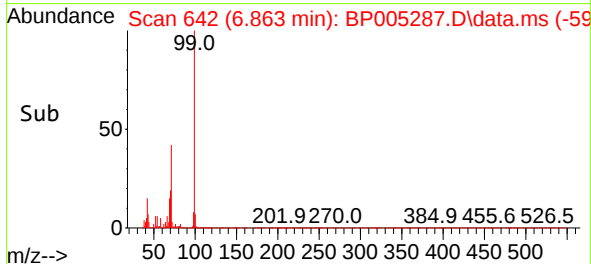
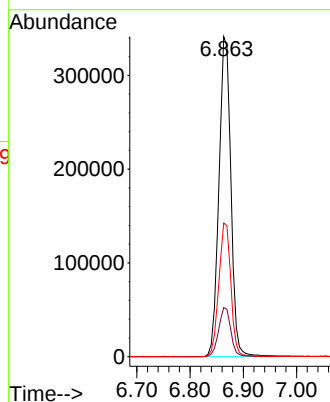
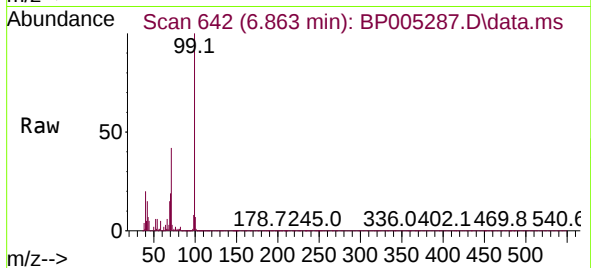




#7
Phenol-d6
Concen: 96.29 ng
RT: 6.863 min Scan# 642
Delta R.T. -0.000 min
Lab File: BP005287.D
Acq: 13 Apr 2021 15:10

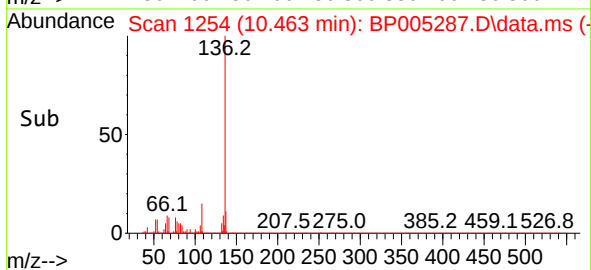
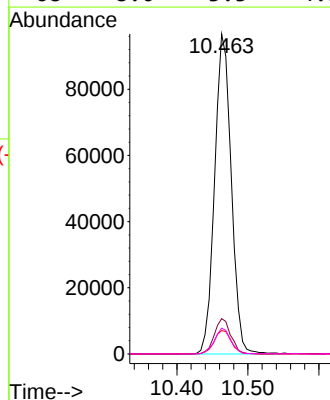
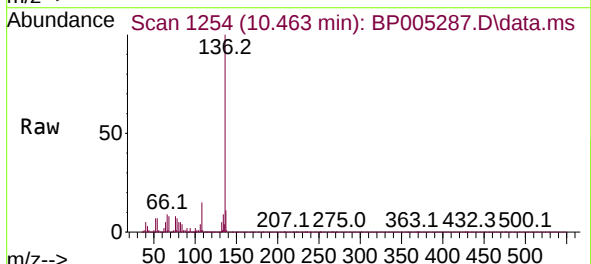
Instrument :
BNA_P
ClientSampleId :
SED-1BRE

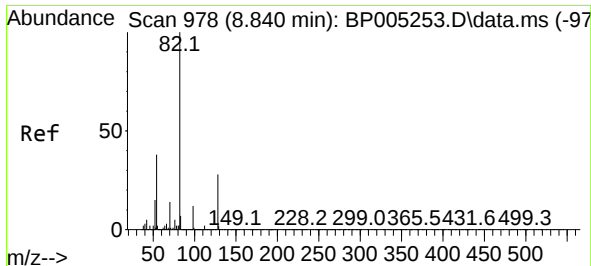
Tgt Ion: 99 Resp: 531781
Ion Ratio Lower Upper
99 100
42 15.4 8.6 13.0#
71 41.7 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP005287.D
Acq: 13 Apr 2021 15:10

Tgt Ion:136 Resp: 156977
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.3 3.6 5.4#
68 8.0 3.3 4.9#

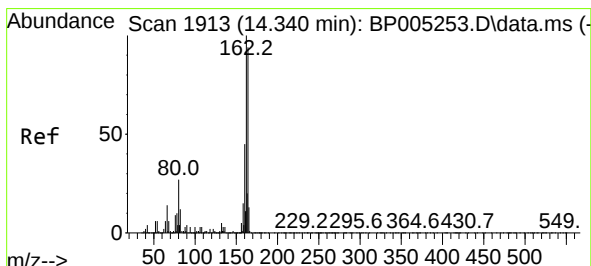
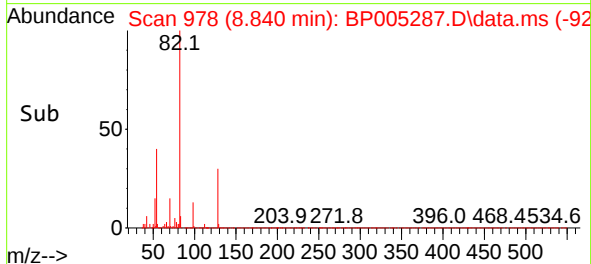
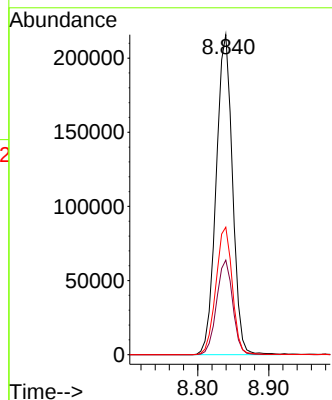
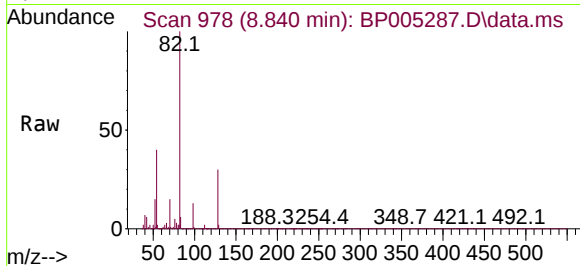




#23
Nitrobenzene-d5
Concen: 69.01 ng
RT: 8.840 min Scan# 978
Delta R.T. -0.000 min
Lab File: BP005287.D
Acq: 13 Apr 2021 15:10

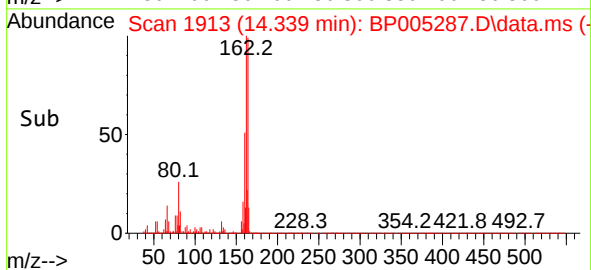
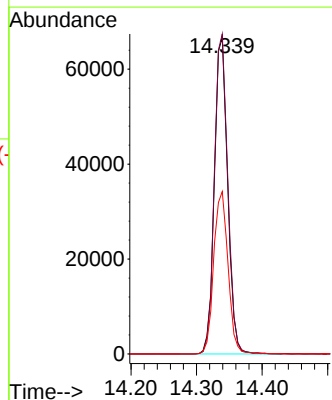
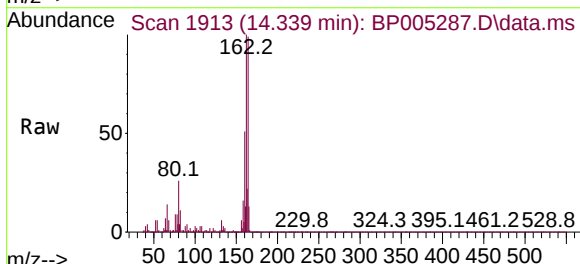
Instrument :
BNA_P
ClientSampleId :
SED-1BRE

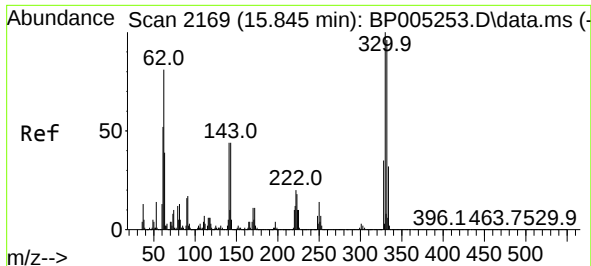
Tgt Ion: 82 Resp: 343530
Ion Ratio Lower Upper
82 100
128 29.6 45.6 68.4#
54 39.8 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.001 min
Lab File: BP005287.D
Acq: 13 Apr 2021 15:10

Tgt Ion: 164 Resp: 93619
Ion Ratio Lower Upper
164 100
162 101.2 79.4 119.2
160 51.3 36.1 54.1

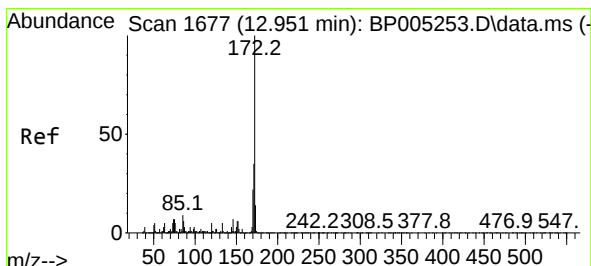
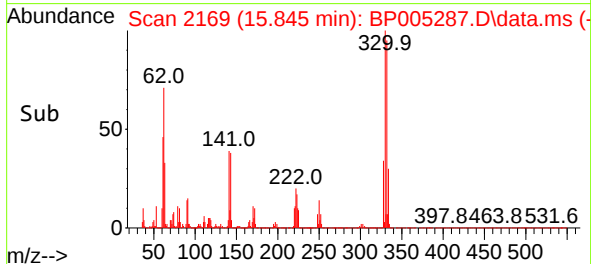
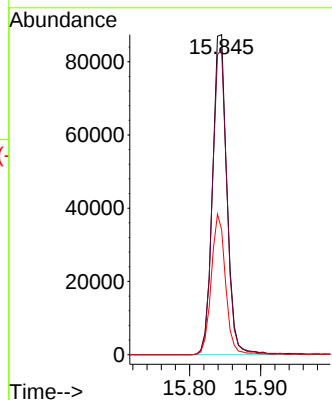
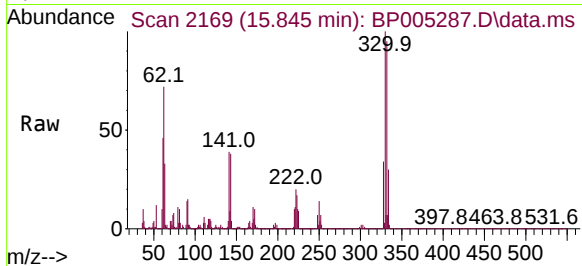




#42
2,4,6-Tribromophenol
Concen: 104.24 ng
RT: 15.845 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BP005287.D
Acq: 13 Apr 2021 15:10

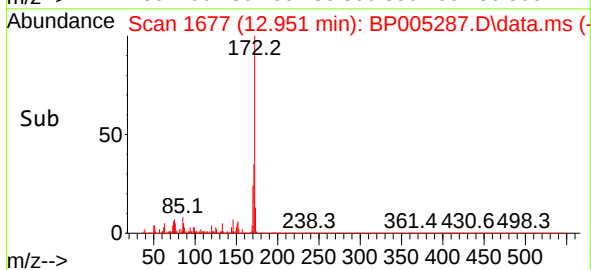
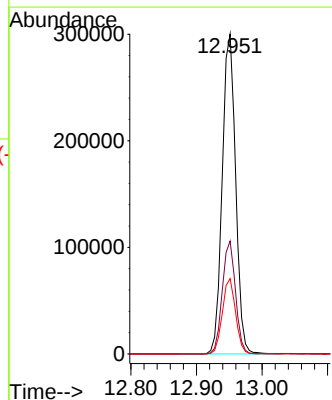
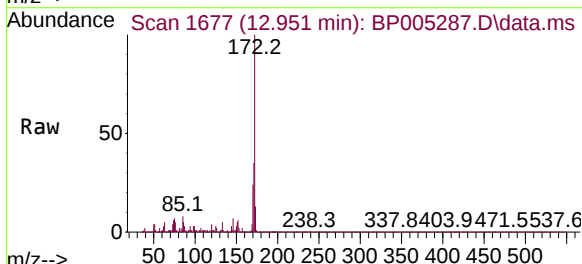
Instrument :
BNA_P
ClientSampleId :
SED-1BRE

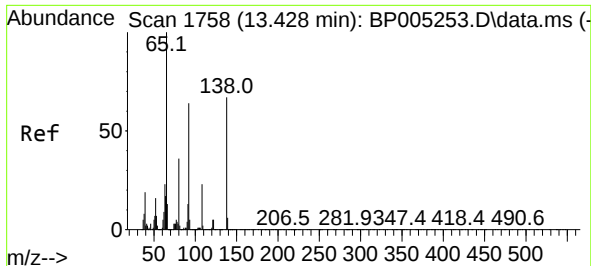
Tgt Ion:330 Resp: 123186
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 43.5 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 61.16 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BP005287.D
Acq: 13 Apr 2021 15:10

Tgt Ion:172 Resp: 424087
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.6 19.2 28.8

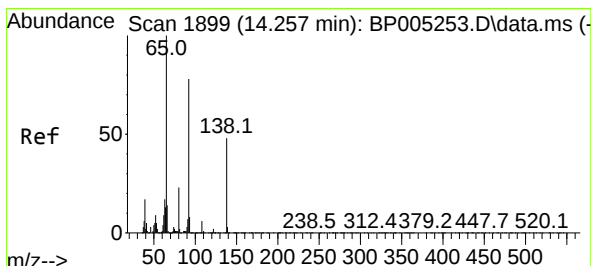
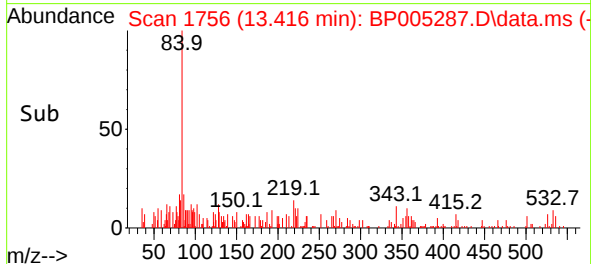
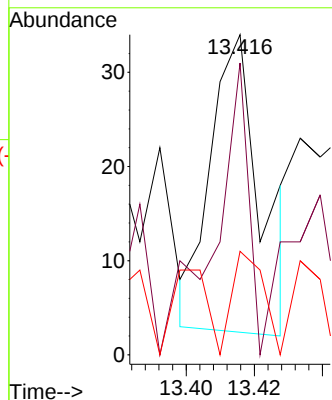
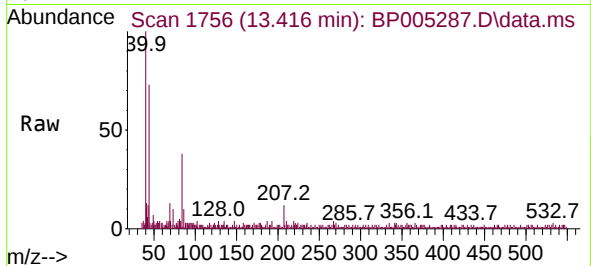




#48
2-Nitroaniline
Concen: 3.53 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.012 min
Lab File: BP005287.D
Acq: 13 Apr 2021 15:10

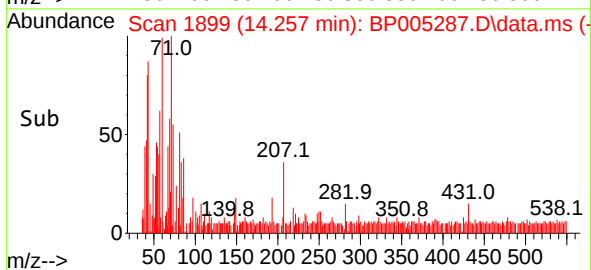
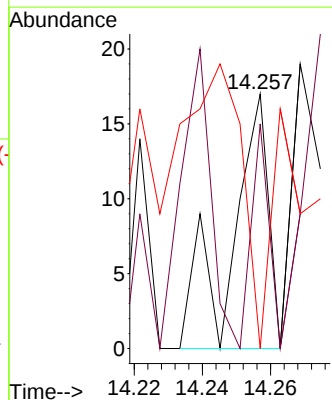
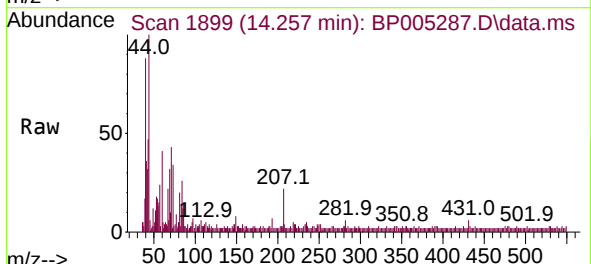
Instrument :
BNA_P
ClientSampled :
SED-1BRE

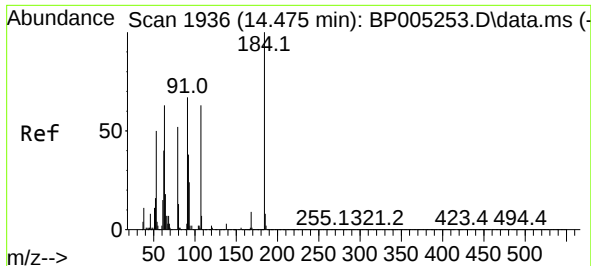
Tgt Ion: 65 Resp: 33
Ion Ratio Lower Upper
65 100
92 91.2 70.6 106.0
138 32.4 133.6 200.4#



#53
3-Nitroaniline
Concen: 2.48 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.000 min
Lab File: BP005287.D
Acq: 13 Apr 2021 15:10

Tgt Ion: 138 Resp: 13
Ion Ratio Lower Upper
138 100
108 88.2 7.5 11.3#
92 0.0 75.0 112.6#

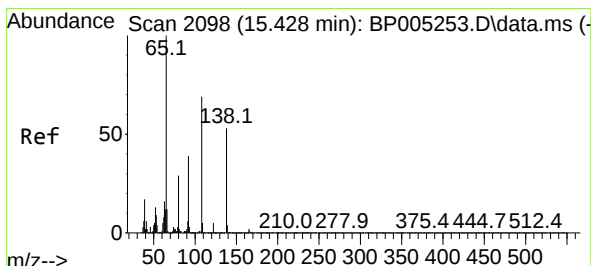
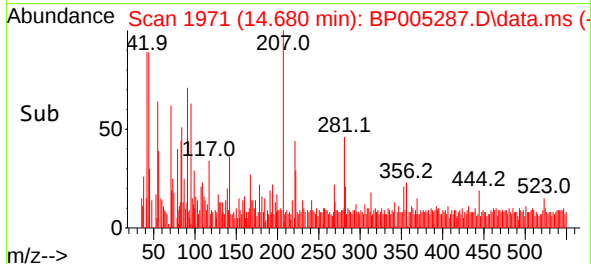
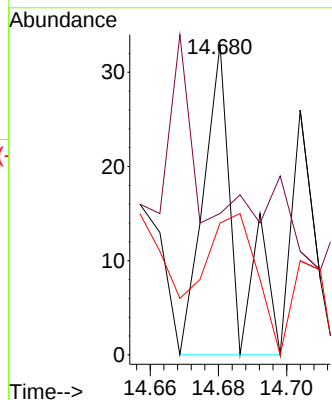
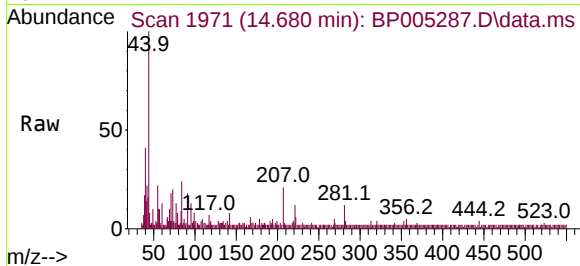




#54
2,4-Dinitrophenol
Concen: 6.17 ng
RT: 14.680 min Scan# 1971
Delta R.T. 0.205 min
Lab File: BP005287.D
Acq: 13 Apr 2021 15:10

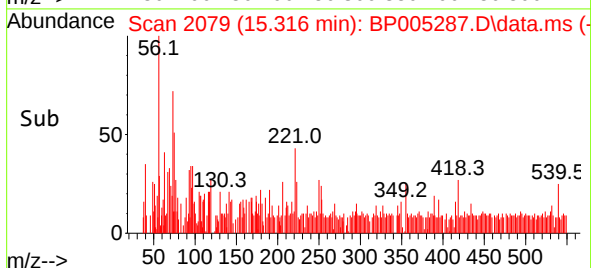
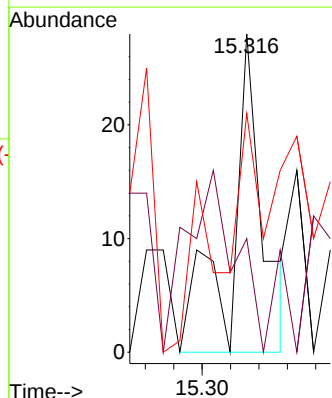
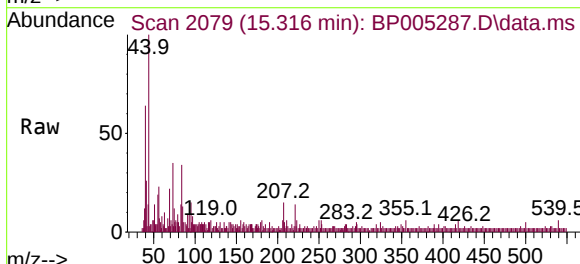
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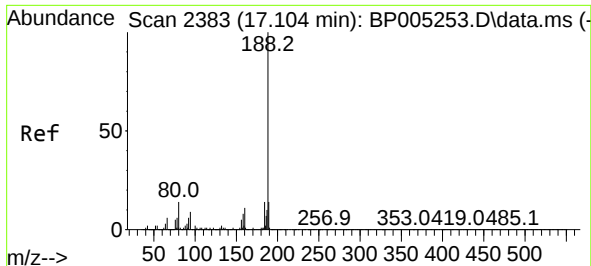
Tgt Ion:184	Resp:	22
Ion Ratio	Lower	Upper
184	100	
63	45.5	32.3 48.5
154	72.7	49.1 73.7



#62
4-Nitroaniline
Concen: 2.09 ng
RT: 15.316 min Scan# 2079
Delta R.T. -0.112 min
Lab File: BP005287.D
Acq: 13 Apr 2021 15:10

Tgt Ion:138	Resp:	22
Ion Ratio	Lower	Upper
138	100	
92	35.7	20.7 60.7
108	75.0	47.8 87.8

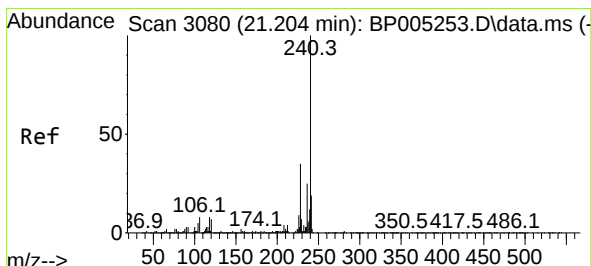
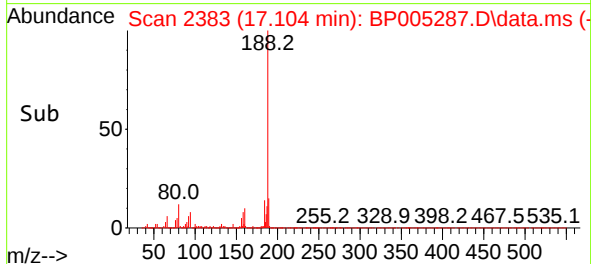
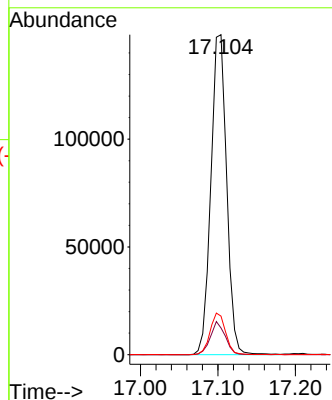
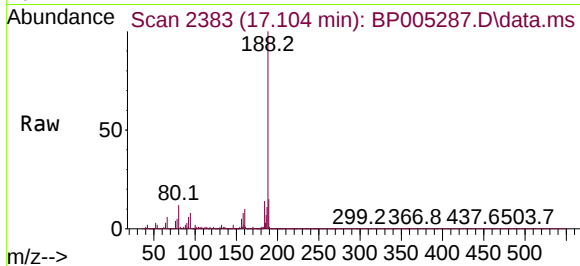




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. -0.000 min
Lab File: BP005287.D
Acq: 13 Apr 2021 15:10

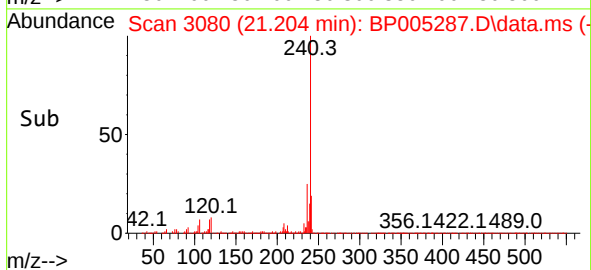
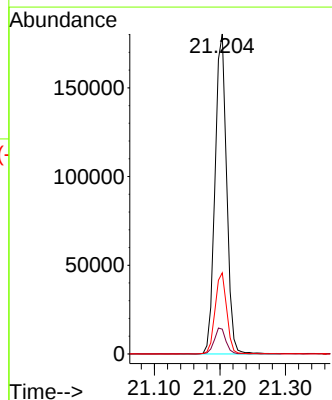
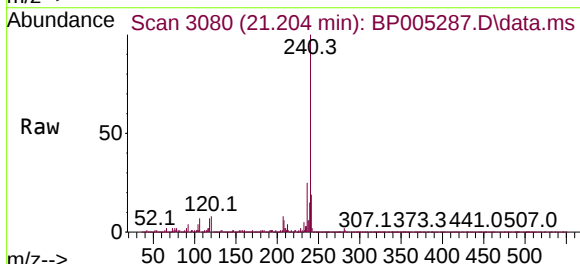
Instrument :
BNA_P
ClientSampleId :
SED-1BRE

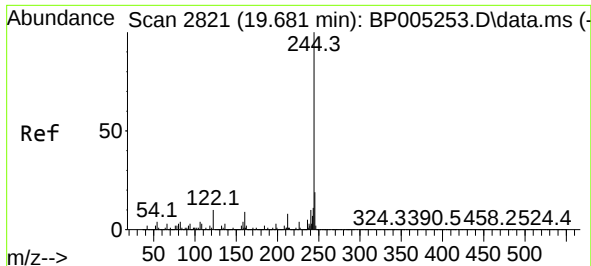
Tgt Ion:188 Resp: 210327
Ion Ratio Lower Upper
188 100
94 8.4 6.2 9.2
80 12.0 6.2 9.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.000 min
Lab File: BP005287.D
Acq: 13 Apr 2021 15:10

Tgt Ion:240 Resp: 221692
Ion Ratio Lower Upper
240 100
120 7.7 7.8 11.6#
236 25.3 20.8 31.2

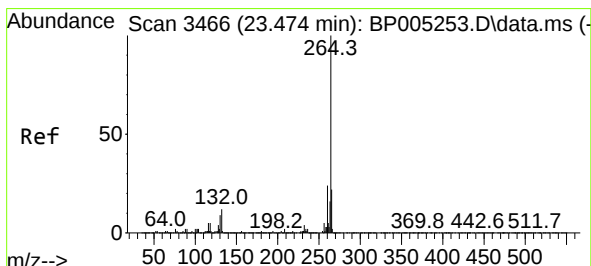
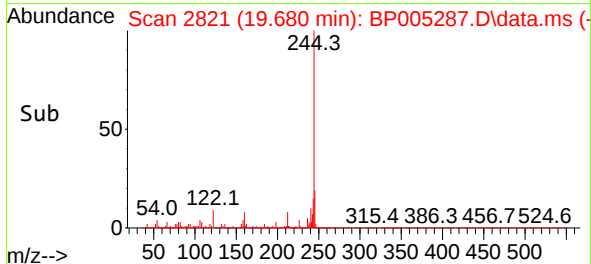
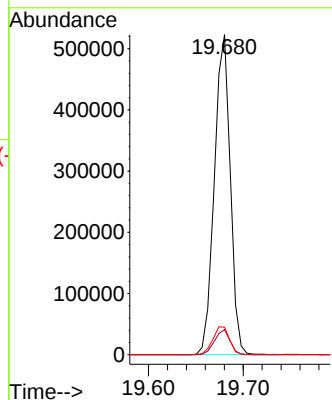
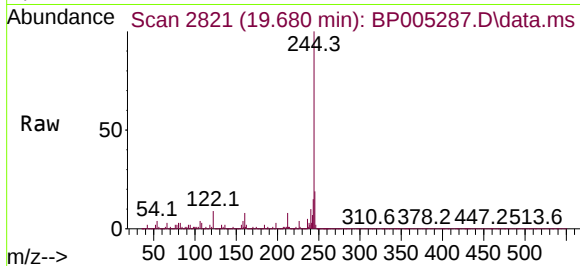




#79
 Terphenyl-d14
 Concen: 53.95 ng
 RT: 19.680 min Scan# 2821
 Delta R.T. -0.000 min
 Lab File: BP005287.D
 Acq: 13 Apr 2021 15:10

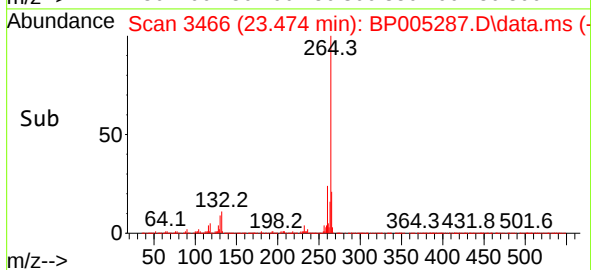
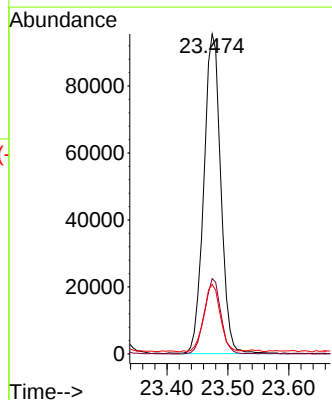
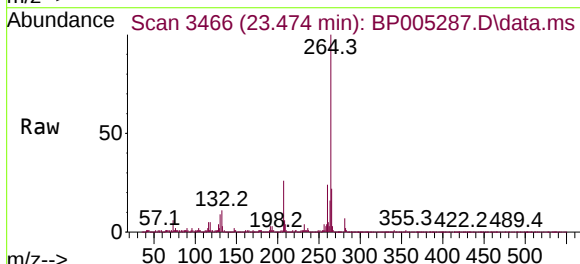
Instrument :
 BNA_P
 ClientSampleId :
 SED-1BRE

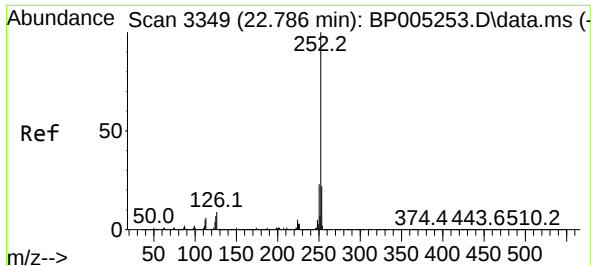
Tgt Ion:	244	Resp:	608874
Ion Ratio	Lower	Upper	
244	100		
212	7.9	5.8	8.6
122	8.6	7.8	11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.474 min Scan# 3466
 Delta R.T. -0.000 min
 Lab File: BP005287.D
 Acq: 13 Apr 2021 15:10

Tgt Ion:	264	Resp:	184997
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.8	28.2
265	21.7	17.4	26.2

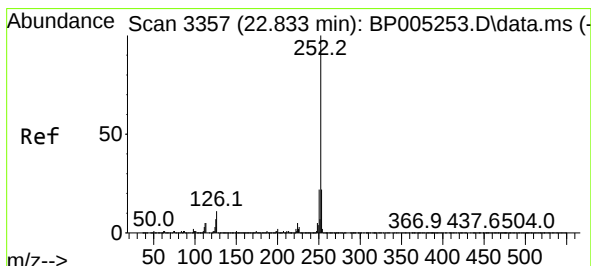
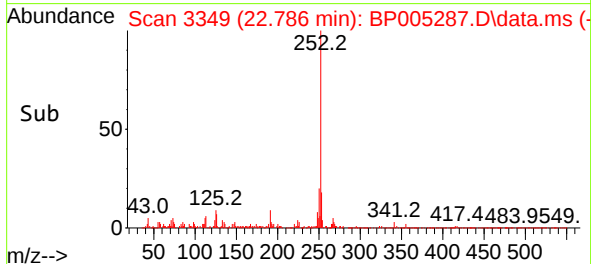
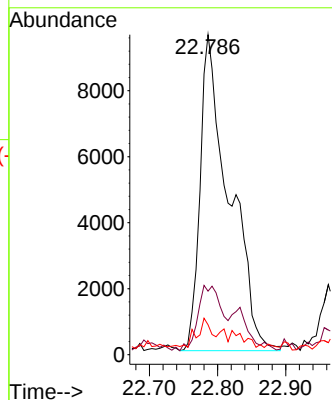
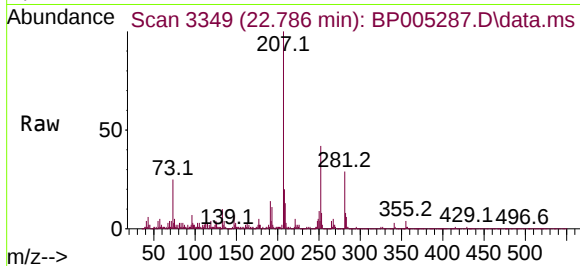




#88
Benzo(b)fluoranthene
Concen: 2.34 ng
RT: 22.786 min Scan# 3349
Delta R.T. -0.000 min
Lab File: BP005287.D
Acq: 13 Apr 2021 15:10

Instrument :
BNA_P
ClientSampleId :
SED-1BRE

Tgt Ion:252	Resp:	28354
Ion Ratio	Lower	Upper
252	100	
253	19.8	17.6 26.4
125	9.3	7.3 10.9



#89
Benzo(k)fluoranthene
Concen: 2.44 ng
RT: 22.786 min Scan# 3349
Delta R.T. -0.047 min
Lab File: BP005287.D
Acq: 13 Apr 2021 15:10

Tgt Ion:252	Resp:	28354
Ion Ratio	Lower	Upper
252	100	
253	19.8	17.8 26.8
125	9.3	7.4 11.2

