

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
 Data File : BP004002.D
 Acq On : 18 Nov 2020 19:58
 Operator : CG/JU
 Sample : L4770-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FJ-BH-01-0-1

Quant Time: Nov 19 01:34:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 12 15:22:47 2020
 Response via : Initial Calibration

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

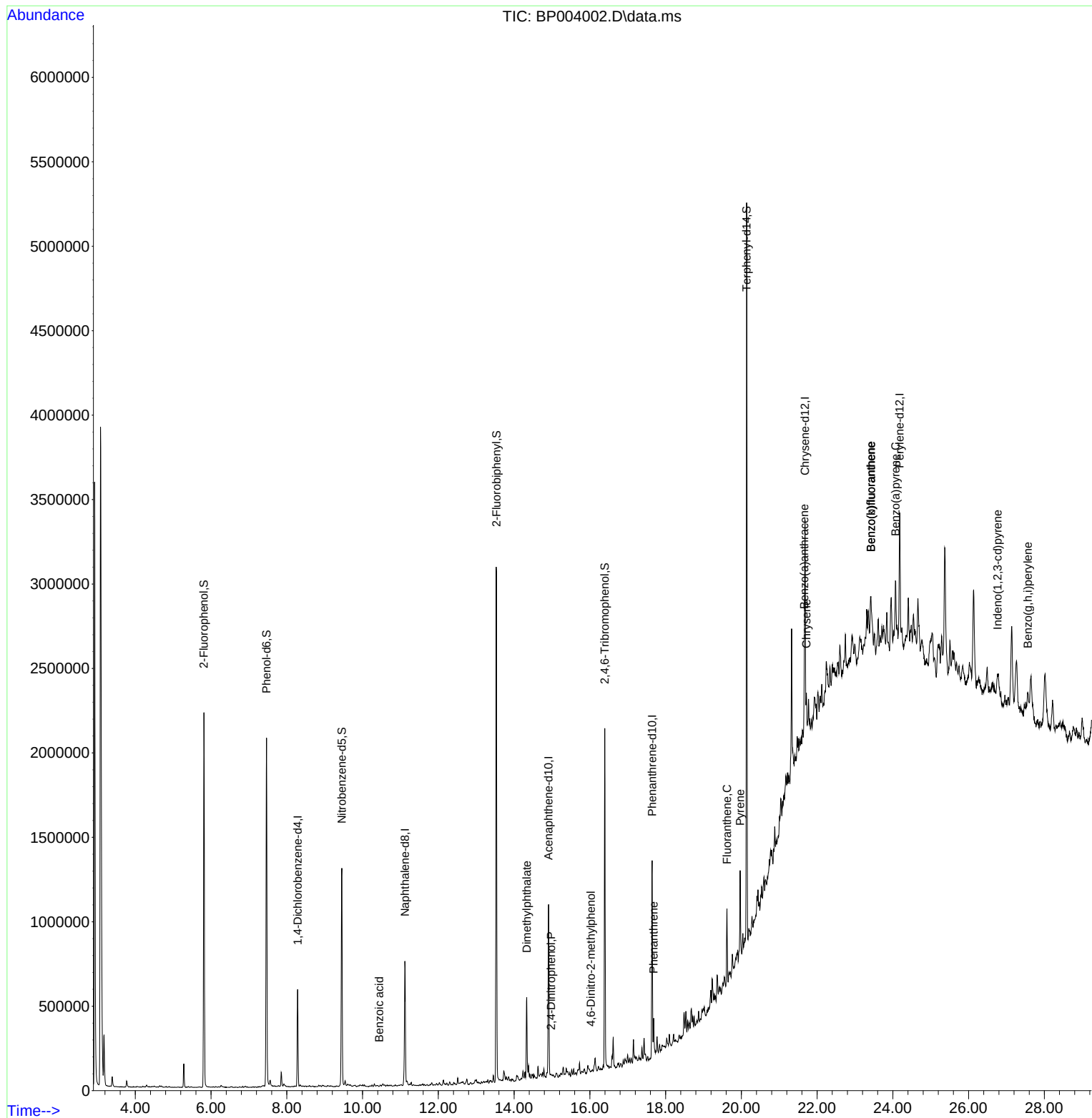
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.287	152	154992	20.00	ng	0.00
21) Naphthalene-d8	11.116	136	587559	20.00	ng	# 0.00
39) Acenaphthene-d10	14.910	164	344583	20.00	ng	0.00
64) Phenanthrene-d10	17.645	188	678090	20.00	ng	# 0.00
76) Chrysene-d12	21.680	240	592704	20.00	ng	0.00
86) Perylene-d12	24.180	264	635562	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.811	112	909123	97.90	ng	0.00
7) Phenol-d6	7.463	99	1152553	86.46	ng	0.01
23) Nitrobenzene-d5	9.452	82	744392	62.05	ng	0.00
42) 2,4,6-Tribromophenol	16.392	330	374492	86.89	ng	0.00
45) 2-Fluorobiphenyl	13.534	172	1609356	65.29	ng	0.00
79) Terphenyl-d14	20.139	244	1859477	60.61	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.393	77	1437	Below Cal	#	42
32) Benzoic acid	10.440	122	81	8.32	ng	# 1
50) Dimethylphthalate	14.334	163	308564	11.46	ng	99
54) 2,4-Dinitrophenol	14.975	184	176	2.82	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.028	198	82	6.36	ng	# 1
71) Phenanthrene	17.686	178	125657	3.30	ng	98
75) Fluoranthene	19.622	202	265560	6.05	ng	98
78) Pyrene	19.969	202	270976	6.74	ng	97
81) Benzo(a)anthracene	21.663	228	134725	3.45	ng	# 87
83) Chrysene	21.716	228	159966	4.26	ng	# 85
87) Indeno(1,2,3-cd)pyrene	26.762	276	122969	2.68	ng	# 95
88) Benzo(b)fluoranthene	23.421	252	302608	7.28	ng	# 76
89) Benzo(k)fluoranthene	23.421	252	302608	7.37	ng	# 76
90) Benzo(a)pyrene	24.068	252	158429	4.11	ng	# 71
92) Benzo(g,h,i)perylene	27.568	276	131518	3.56	ng	# 84

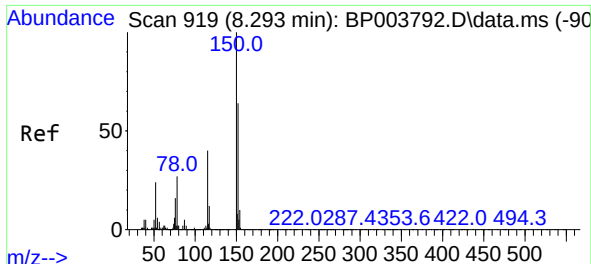
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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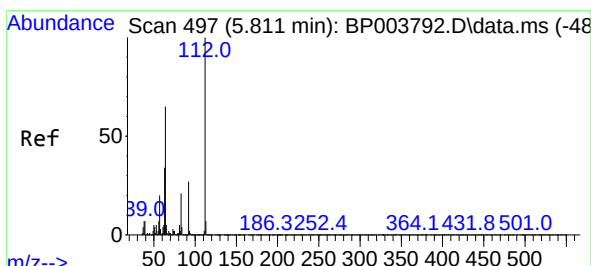
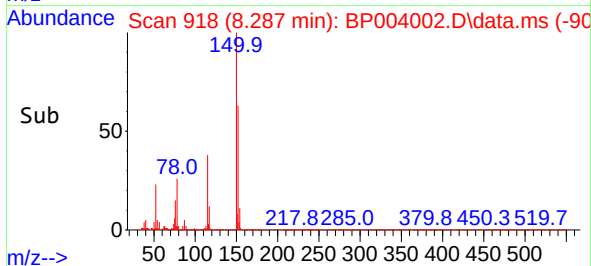
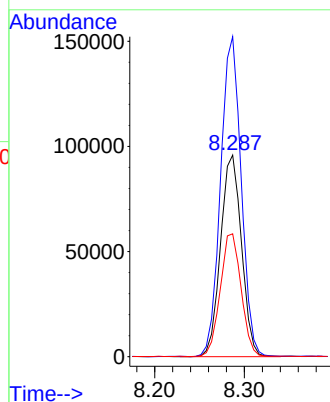
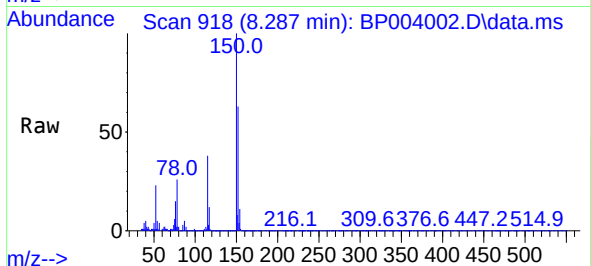




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.287 min Scan# 918
Delta R.T. 0.006 min
Lab File: BP004002.D
Acq: 18 Nov 2020 19:58

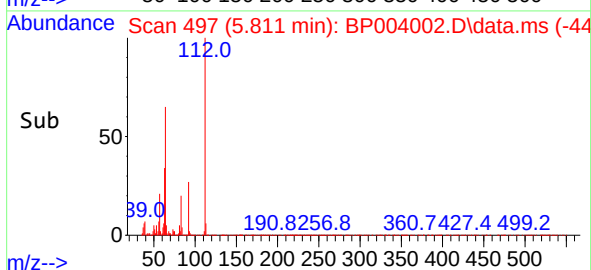
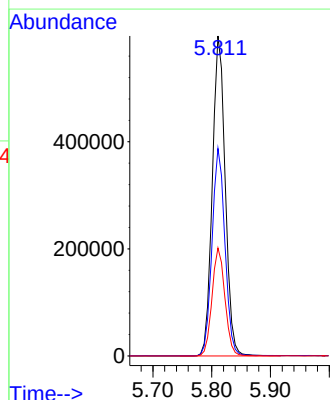
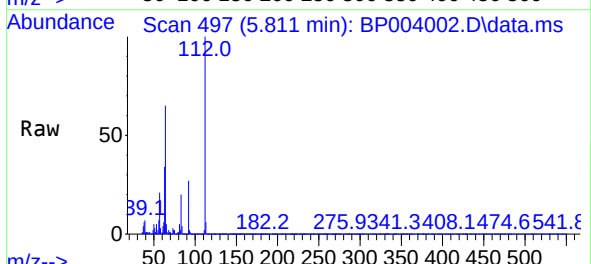
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BNA_P
ClientSampleId :
FJ-BH-01-0-1

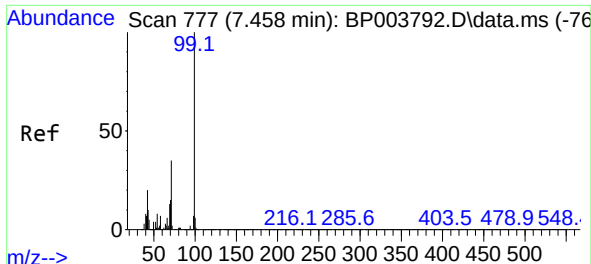
Tgt Ion:152 Resp: 154992
Ion Ratio Lower Upper
152 100
150 158.8 123.8 185.6
115 61.0 43.8 65.6



#5
2-Fluorophenol
Concen: 97.90 ng
RT: 5.811 min Scan# 497
Delta R.T. 0.006 min
Lab File: BP004002.D
Acq: 18 Nov 2020 19:58

Tgt Ion:112 Resp: 909123
Ion Ratio Lower Upper
112 100
64 64.9 32.8 49.2#
63 33.8 17.0 25.4#

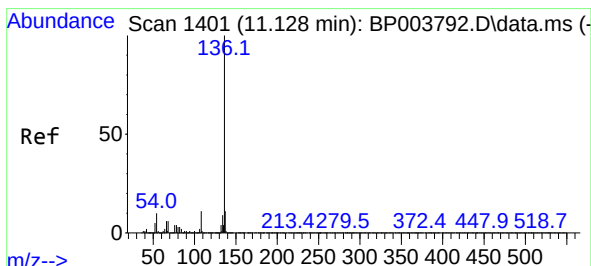
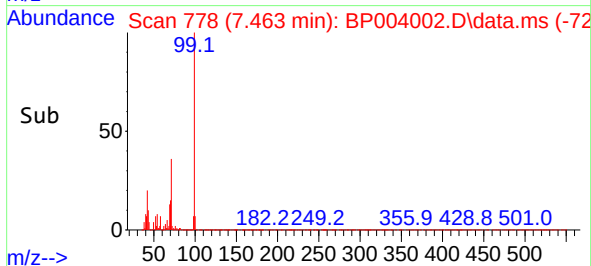
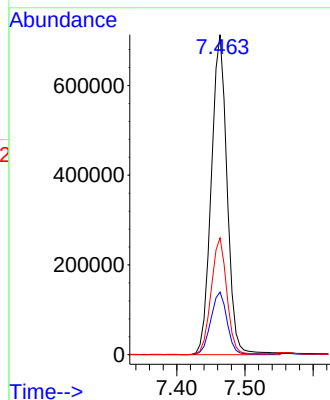
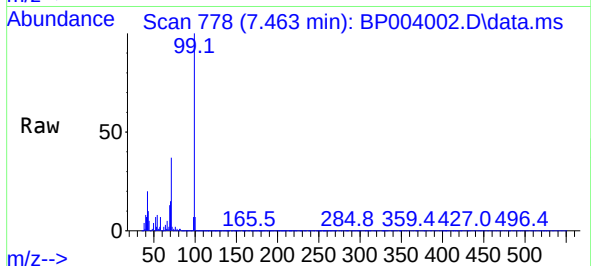




#7
Phenol-d6
Concen: 86.46 ng
RT: 7.463 min Scan# 778
Delta R.T. 0.012 min
Lab File: BP004002.D
Acq: 18 Nov 2020 19:58

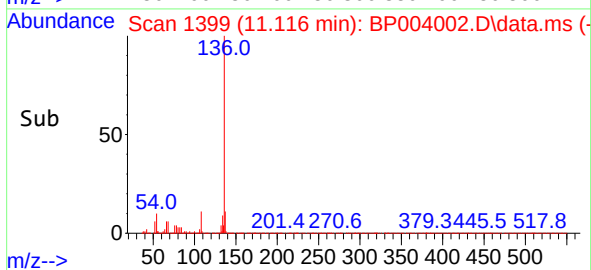
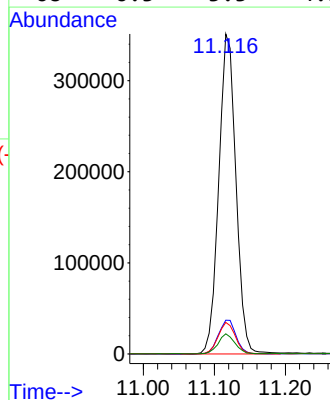
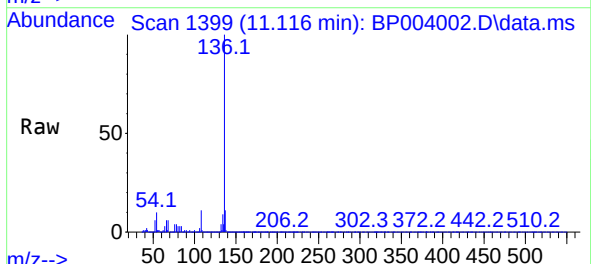
Instrument :
BNA_P
ClientSampleId :
FJ-BH-01-0-1

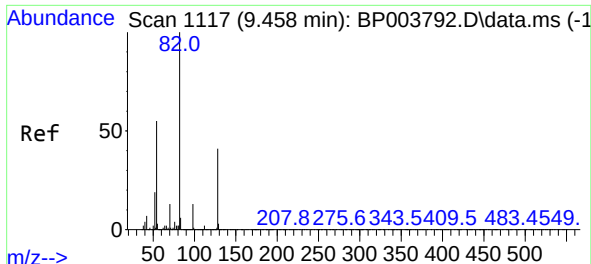
Tgt Ion: 99 Resp: 1152553
Ion Ratio Lower Upper
99 100
42 19.6 8.6 13.0#
71 36.5 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.116 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BP004002.D
Acq: 18 Nov 2020 19:58

Tgt Ion: 136 Resp: 587559
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 9.9 3.6 5.4#
68 6.3 3.3 4.9#

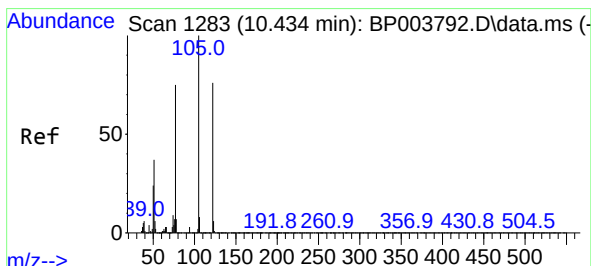
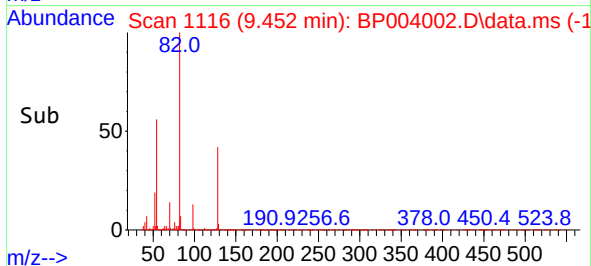
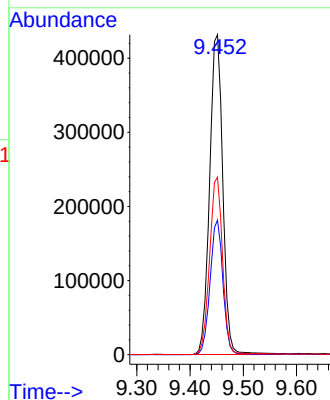
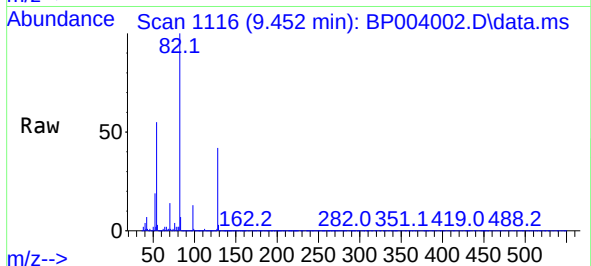




#23
Nitrobenzene-d5
Concen: 62.05 ng
RT: 9.452 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BP004002.D
Acq: 18 Nov 2020 19:58

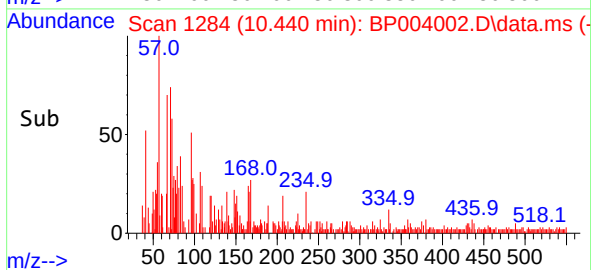
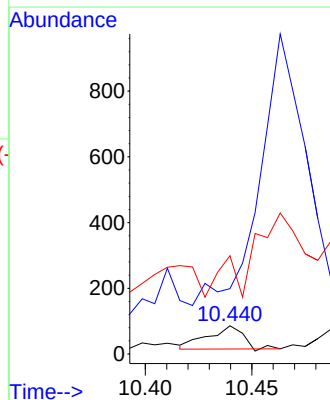
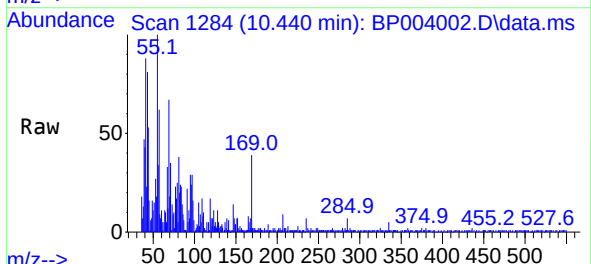
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BNA_P
ClientSampleId :
FJ-BH-01-0-1

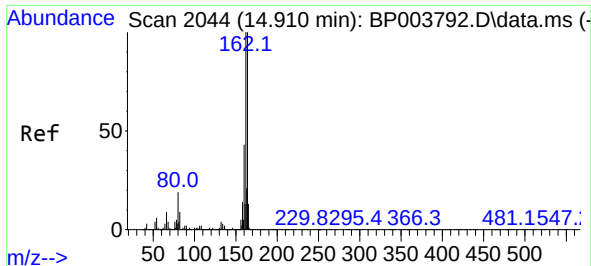
Tgt Ion: 82 Resp: 744392
Ion Ratio Lower Upper
82 100
128 42.1 45.6 68.4#
54 55.5 30.1 45.1#



#32
Benzoic acid
Concen: 8.32 ng
RT: 10.440 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BP004002.D
Acq: 18 Nov 2020 19:58

Tgt Ion: 122 Resp: 81
Ion Ratio Lower Upper
122 100
105 231.4 94.1 134.1#
77 347.7 50.1 90.1#

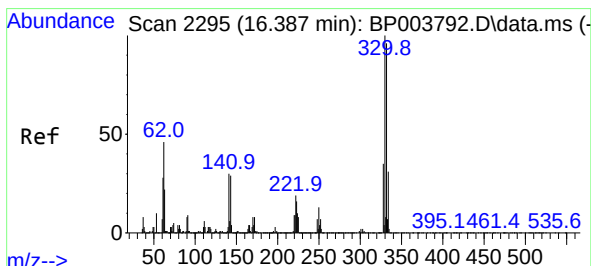
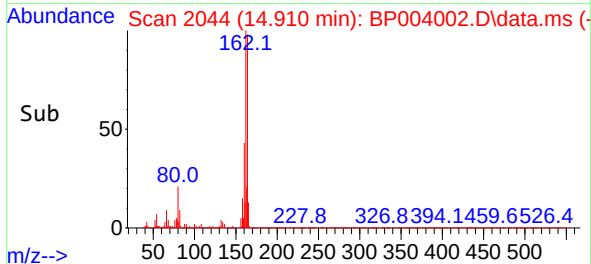
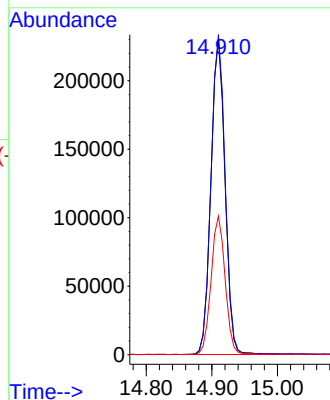
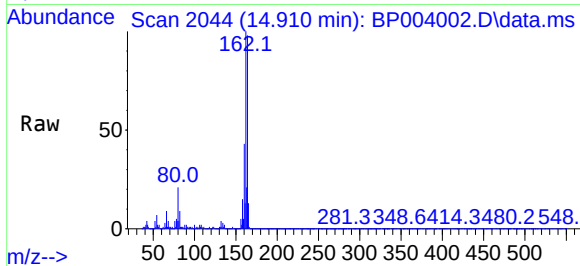




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.910 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BP004002.D
Acq: 18 Nov 2020 19:58

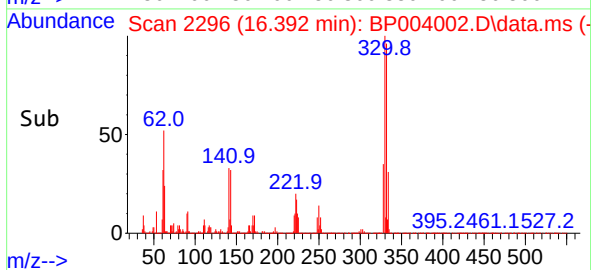
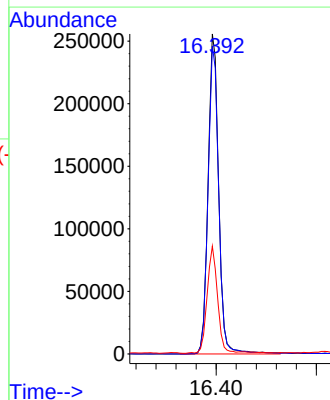
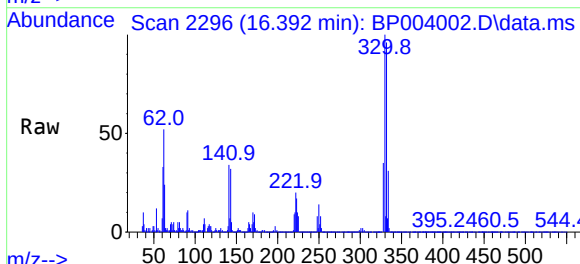
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BNA_P
ClientSampleId :
FJ-BH-01-0-1

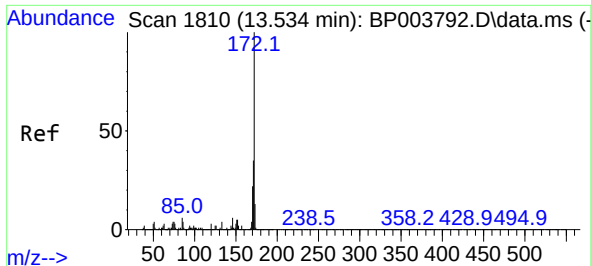
Tgt Ion:	164	Resp:	344583
Ion	Ratio	Lower	Upper
164	100		
162	101.6	79.4	119.2
160	44.0	36.1	54.1



#42
2,4,6-Tribromophenol
Concen: 86.89 ng
RT: 16.392 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BP004002.D
Acq: 18 Nov 2020 19:58

Tgt Ion:	330	Resp:	374492
Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.1	115.7
141	32.9	23.4	35.2



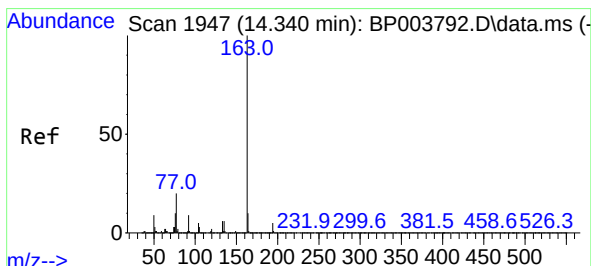
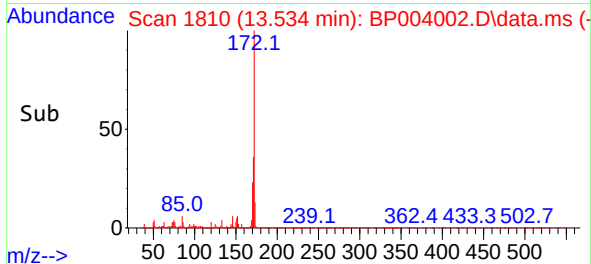
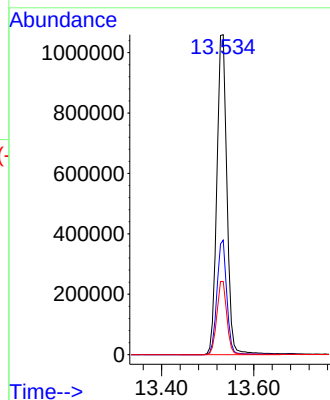
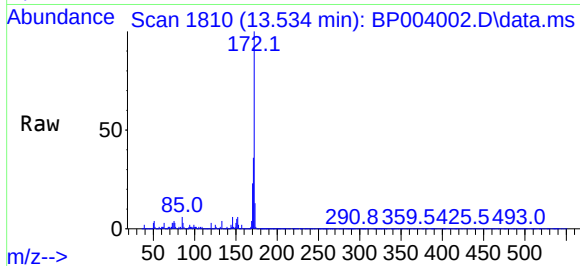


#45
2-Fluorobiphenyl
Concen: 65.29 ng
RT: 13.534 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BP004002.D
Acq: 18 Nov 2020 19:58

Instrument :
BNA_P
ClientSampleId :
FJ-BH-01-0-1

Tgt Ion:172 Resp: 1609356

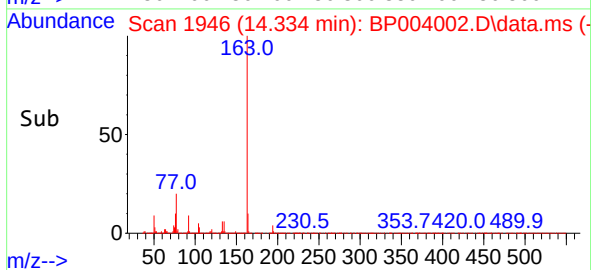
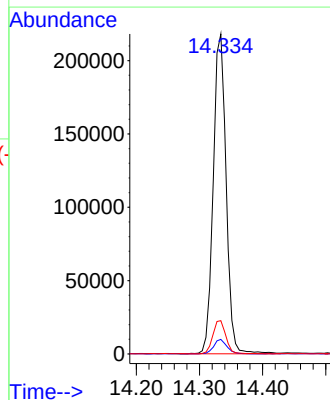
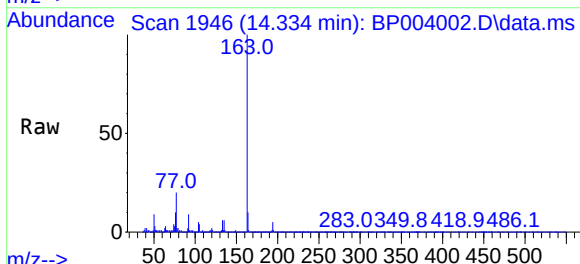
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	22.9	19.2	28.8

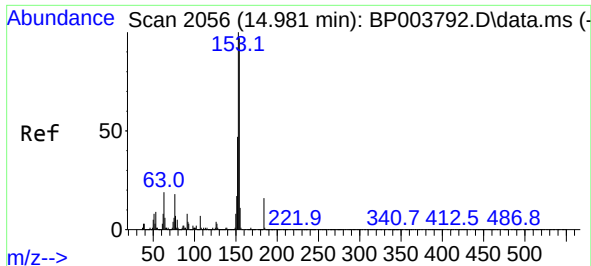


#50
Dimethylphthalate
Concen: 11.46 ng
RT: 14.334 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP004002.D
Acq: 18 Nov 2020 19:58

Tgt Ion:163 Resp: 308564

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.3	4.9
164	10.4	8.2	12.2

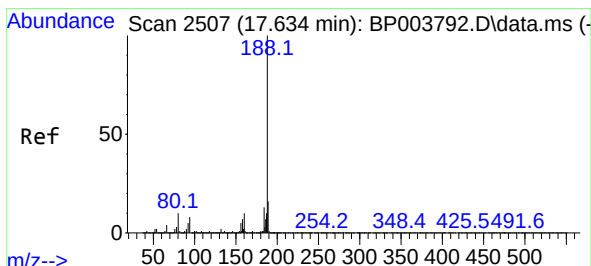
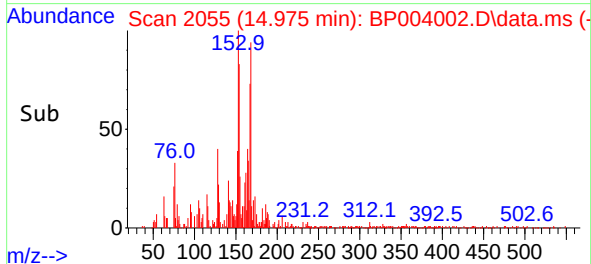
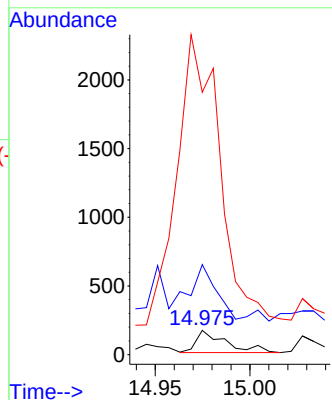
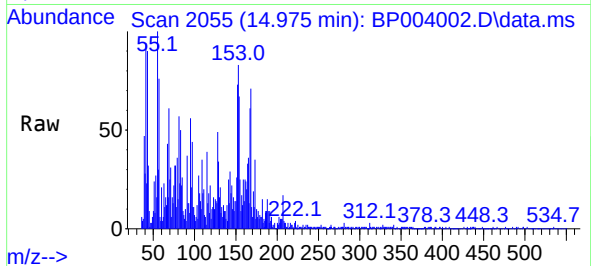




#54
2,4-Dinitrophenol
Concen: 2.82 ng
RT: 14.975 min Scan# 2055
Delta R.T. -0.023 min
Lab File: BP004002.D
Acq: 18 Nov 2020 19:58

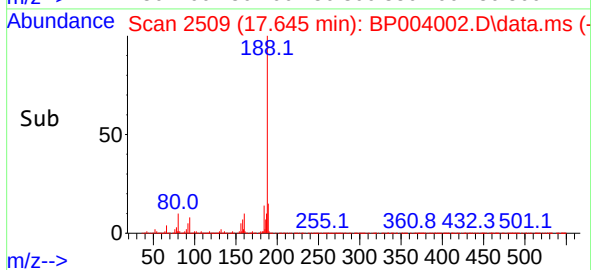
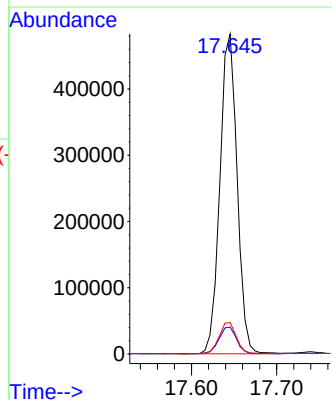
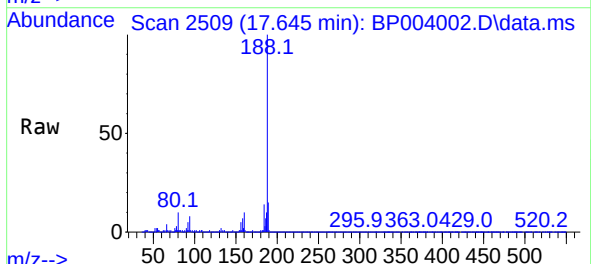
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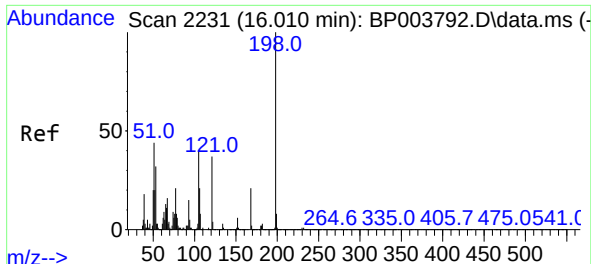
Tgt Ion:184 Resp: 176
Ion Ratio Lower Upper
184 100
63 370.1 32.3 48.5#
154 1079.1 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.645 min Scan# 2509
Delta R.T. 0.006 min
Lab File: BP004002.D
Acq: 18 Nov 2020 19:58

Tgt Ion:188 Resp: 678090
Ion Ratio Lower Upper
188 100
94 8.4 6.2 9.2
80 9.8 6.2 9.2#

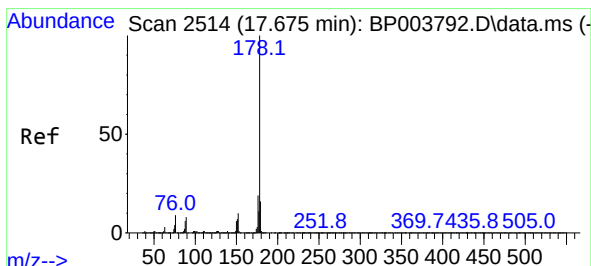
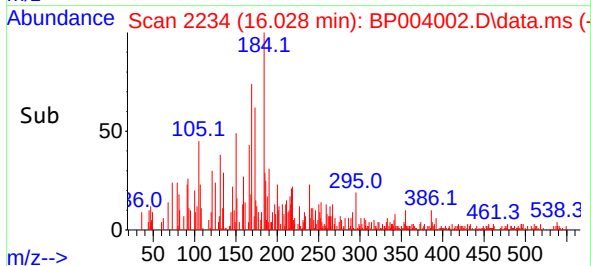
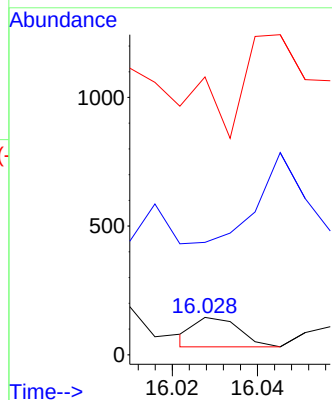
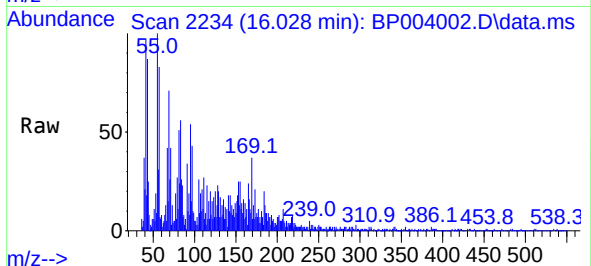




#65
4,6-Dinitro-2-methylphenol
Concen: 6.36 ng
RT: 16.028 min Scan# 2234
Delta R.T. 0.006 min
Lab File: BP004002.D
Acq: 18 Nov 2020 19:58

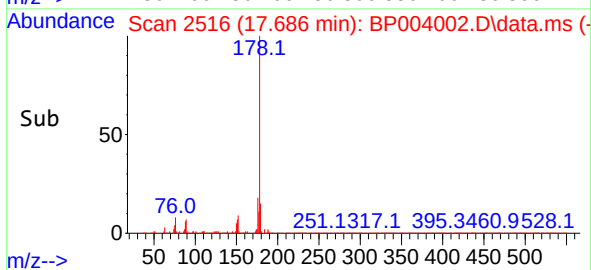
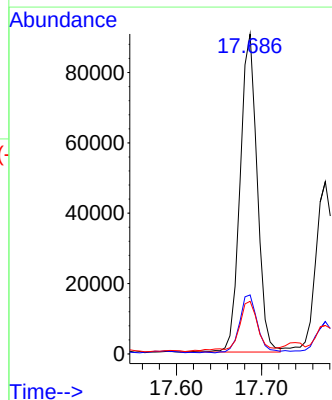
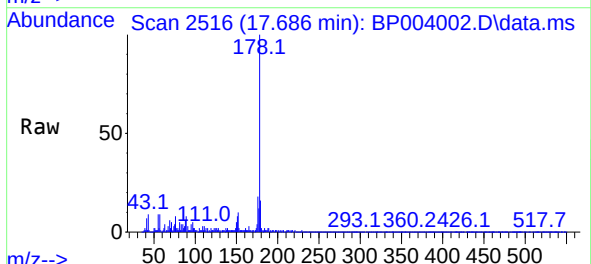
Instrument :
BNA_P
ClientSampleId :
FJ-BH-01-0-1

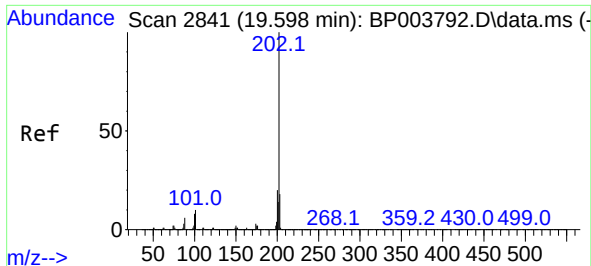
Tgt Ion:198 Resp: 82
Ion Ratio Lower Upper
198 100
51 301.4 6.4 46.4#
105 744.8 18.9 58.9#



#71
Phenanthrene
Concen: 3.30 ng
RT: 17.686 min Scan# 2516
Delta R.T. 0.006 min
Lab File: BP004002.D
Acq: 18 Nov 2020 19:58

Tgt Ion:178 Resp: 125657
Ion Ratio Lower Upper
178 100
176 18.5 15.3 22.9
179 16.5 12.5 18.7

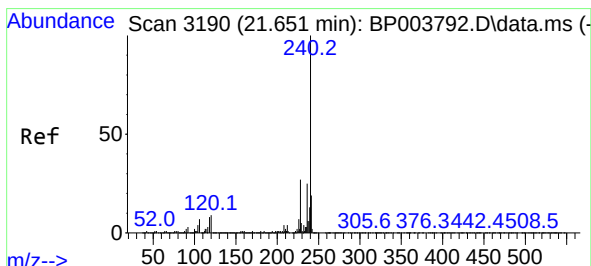
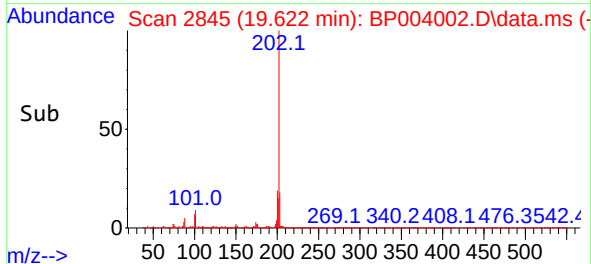
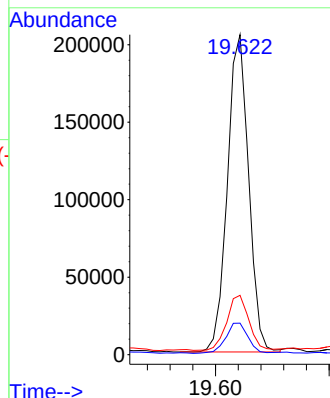
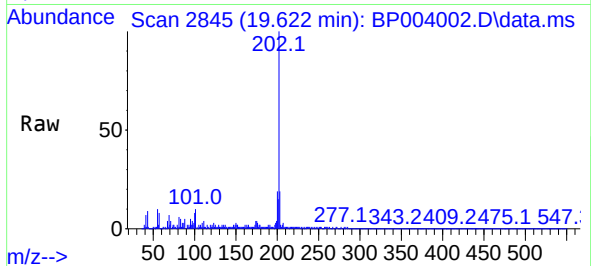




#75
Fluoranthene
Concen: 6.05 ng
RT: 19.622 min Scan# 2845
Delta R.T. 0.006 min
Lab File: BP004002.D
Acq: 18 Nov 2020 19:58

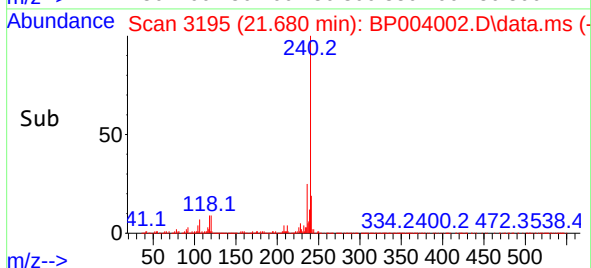
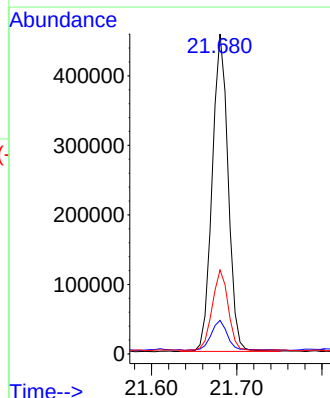
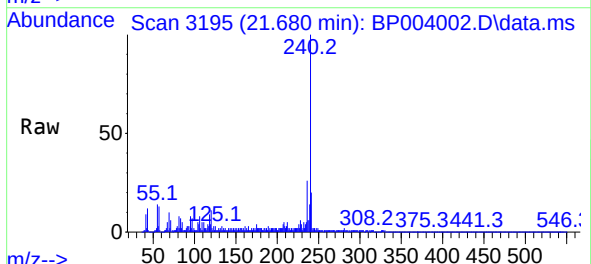
Instrument :
BNA_P
ClientSampleId :
FJ-BH-01-0-1

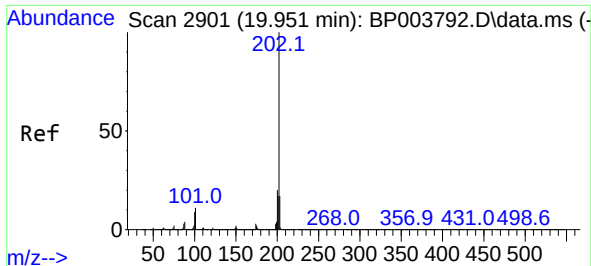
Tgt Ion:	202	Resp:	265560
Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	29.4
203	18.5	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.680 min Scan# 3195
Delta R.T. 0.006 min
Lab File: BP004002.D
Acq: 18 Nov 2020 19:58

Tgt Ion:	240	Resp:	592704
Ion	Ratio	Lower	Upper
240	100		
120	10.5	7.8	11.6
236	26.3	20.8	31.2

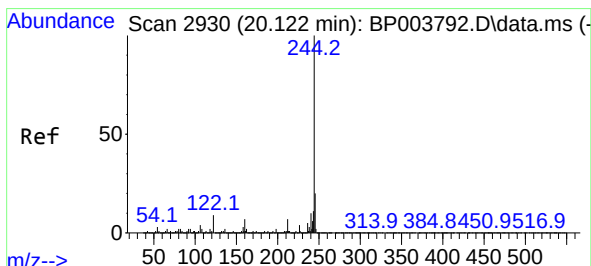
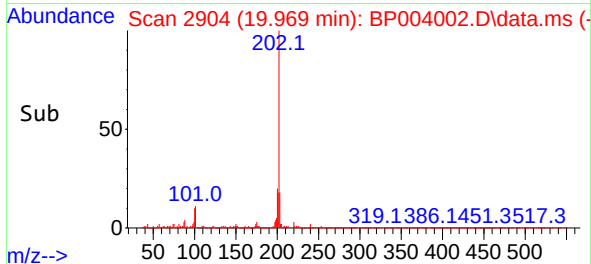
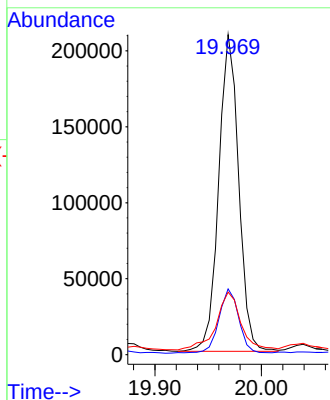
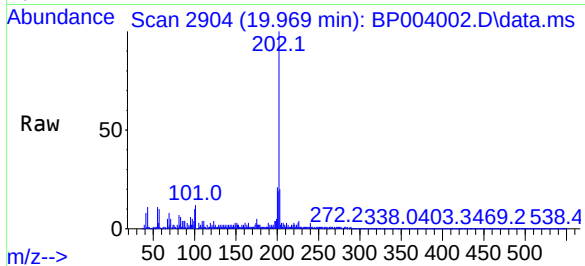




#78
Pyrene
Concen: 6.74 ng
RT: 19.969 min Scan# 2904
Delta R.T. 0.006 min
Lab File: BP004002.D
Acq: 18 Nov 2020 19:58

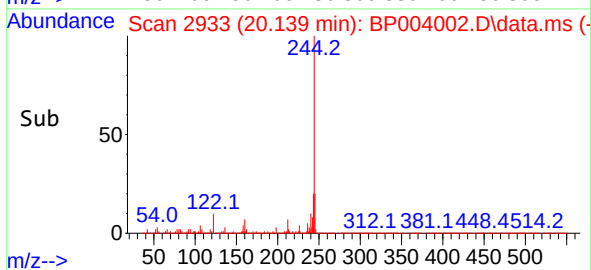
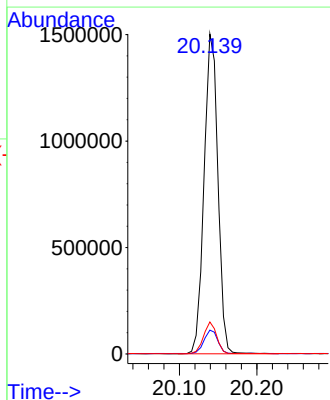
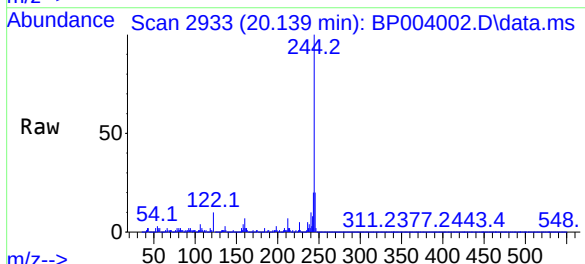
Instrument :
BNA_P
ClientSampleId :
FJ-BH-01-0-1

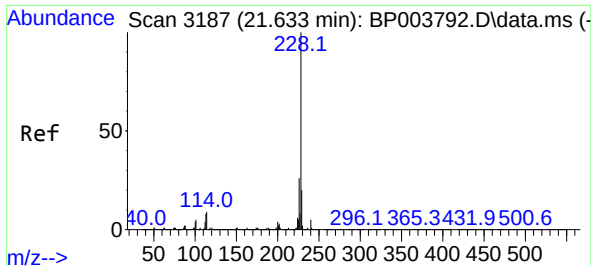
Tgt Ion:202 Resp: 270976
Ion Ratio Lower Upper
202 100
200 20.6 17.1 25.7
203 19.5 14.2 21.2



#79
Terphenyl-d14
Concen: 60.61 ng
RT: 20.139 min Scan# 2933
Delta R.T. 0.006 min
Lab File: BP004002.D
Acq: 18 Nov 2020 19:58

Tgt Ion:244 Resp: 1859477
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 10.0 7.8 11.8

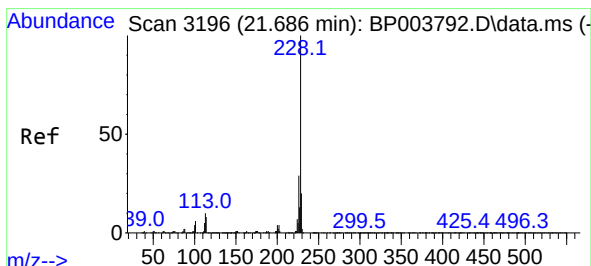
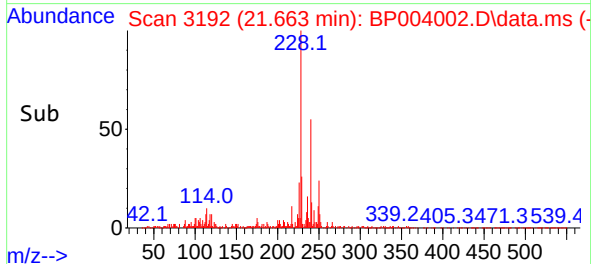
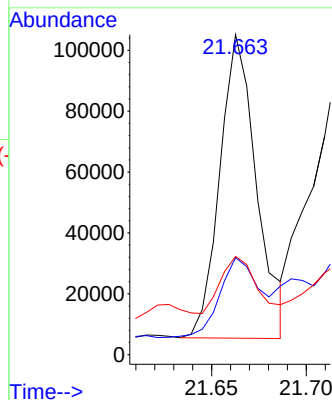
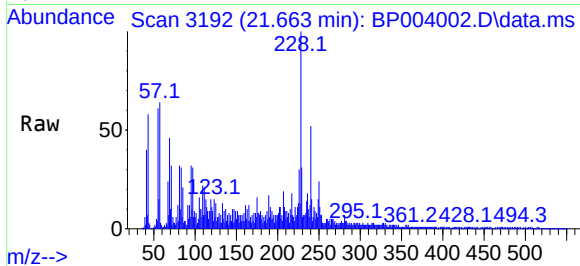




#81
Benzo(a)anthracene
Concen: 3.45 ng
RT: 21.663 min Scan# 3192
Delta R.T. 0.006 min
Lab File: BP004002.D
Acq: 18 Nov 2020 19:58

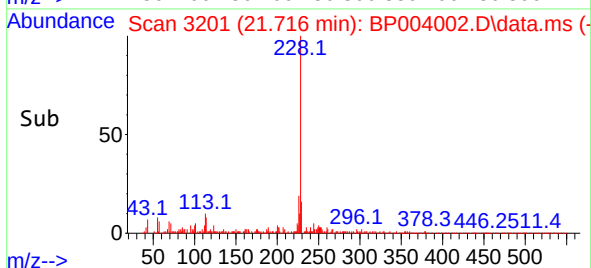
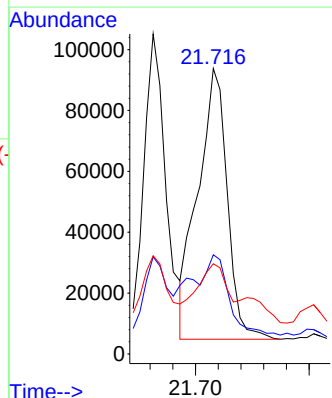
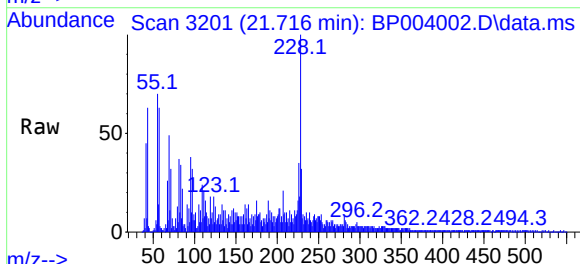
Instrument :
BNA_P
ClientSampleId :
FJ-BH-01-0-1

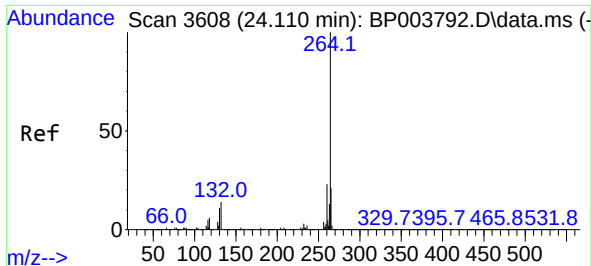
Tgt Ion:228 Resp: 134725
Ion Ratio Lower Upper
228 100
226 30.4 22.1 33.1
229 30.7 15.9 23.9#



#83
Chrysene
Concen: 4.26 ng
RT: 21.716 min Scan# 3201
Delta R.T. 0.000 min
Lab File: BP004002.D
Acq: 18 Nov 2020 19:58

Tgt Ion:228 Resp: 159966
Ion Ratio Lower Upper
228 100
226 34.7 24.4 36.6
229 31.6 15.8 23.6#



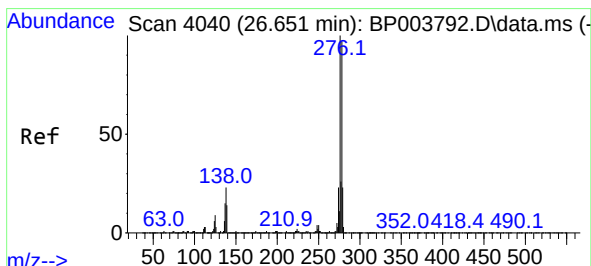
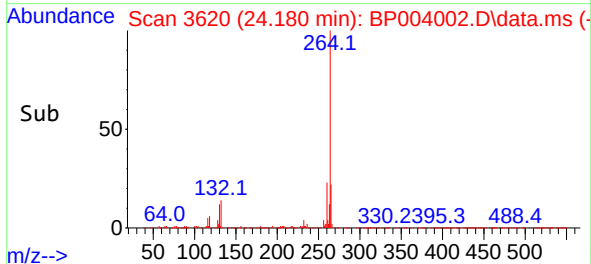
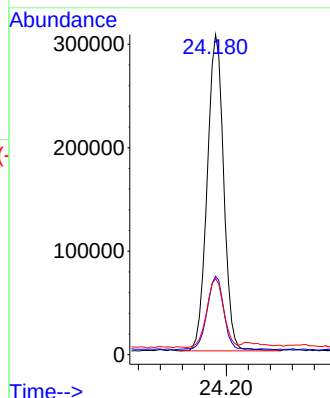
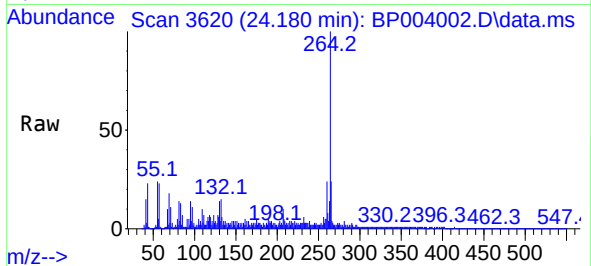


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.180 min Scan# 3620
Delta R.T. 0.024 min
Lab File: BP004002.D
Acq: 18 Nov 2020 19:58

Instrument :
BNA_P
ClientSampleId :
FJ-BH-01-0-1

Tgt Ion: 264 Resp: 635562

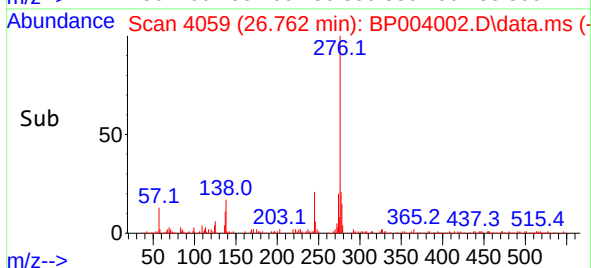
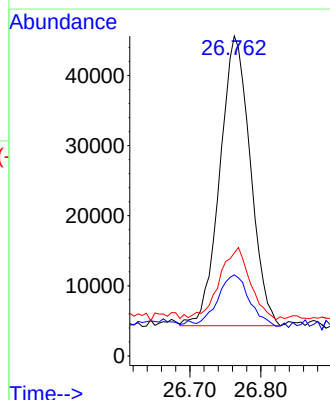
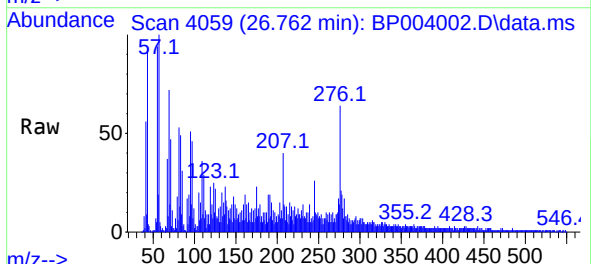
Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.8	28.2
265	23.8	17.4	26.2

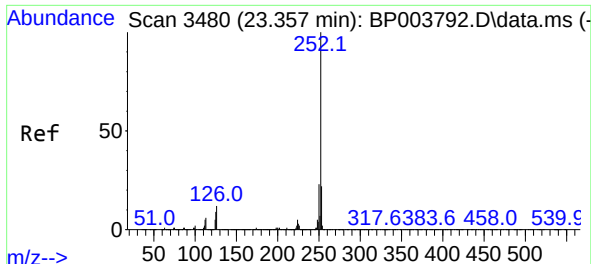


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.68 ng
RT: 26.762 min Scan# 4059
Delta R.T. 0.035 min
Lab File: BP004002.D
Acq: 18 Nov 2020 19:58

Tgt Ion: 276 Resp: 122969

Ion	Ratio	Lower	Upper
276	100		
138	18.6	18.7	28.1#
277	25.4	20.4	30.6

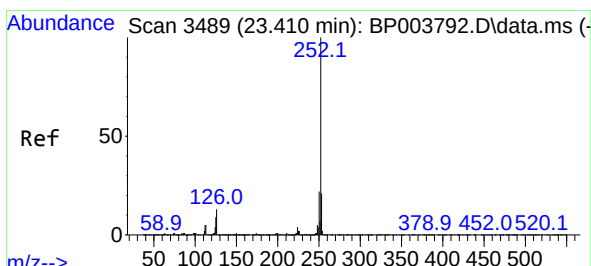
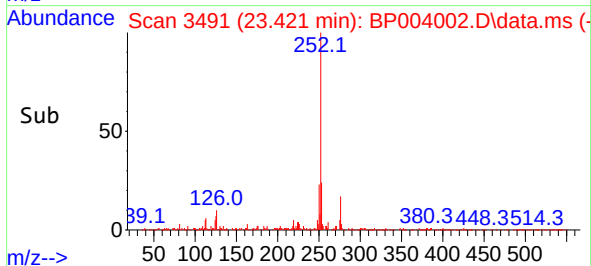
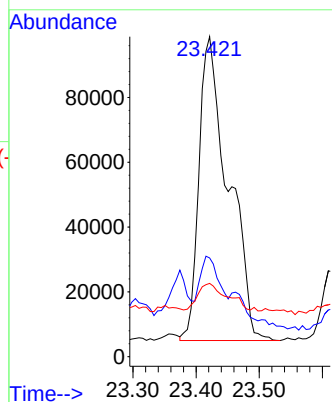
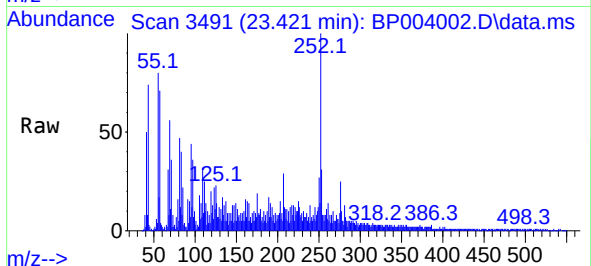




#88
Benzo(b)fluoranthene
Concen: 7.28 ng
RT: 23.421 min Scan# 3491
Delta R.T. 0.018 min
Lab File: BP004002.D
Acq: 18 Nov 2020 19:58

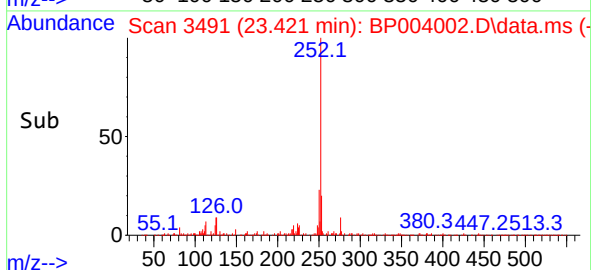
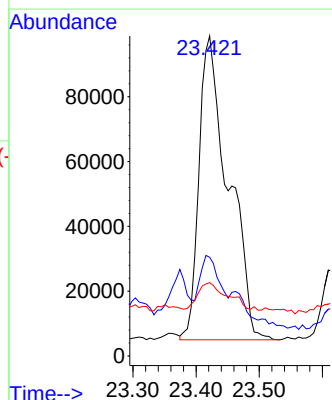
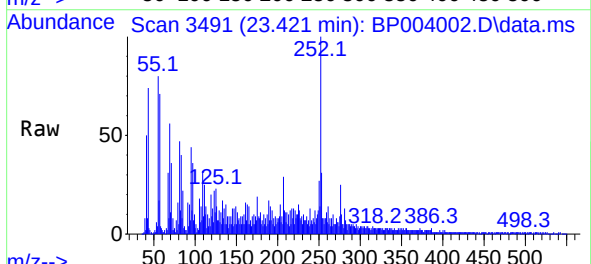
Instrument :
BNA_P
ClientSampleId :
FJ-BH-01-0-1

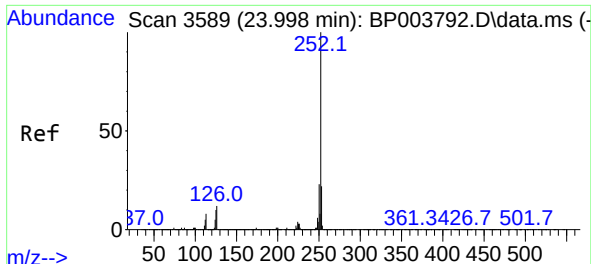
Tgt Ion:252 Resp: 302608
Ion Ratio Lower Upper
252 100
253 30.9 17.6 26.4#
125 22.9 7.3 10.9#



#89
Benzo(k)fluoranthene
Concen: 7.37 ng
RT: 23.421 min Scan# 3491
Delta R.T. -0.029 min
Lab File: BP004002.D
Acq: 18 Nov 2020 19:58

Tgt Ion:252 Resp: 302608
Ion Ratio Lower Upper
252 100
253 30.9 17.8 26.8#
125 22.9 7.4 11.2#

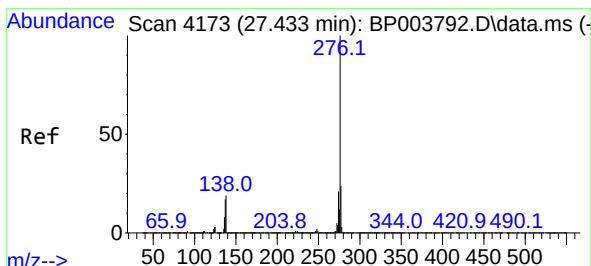
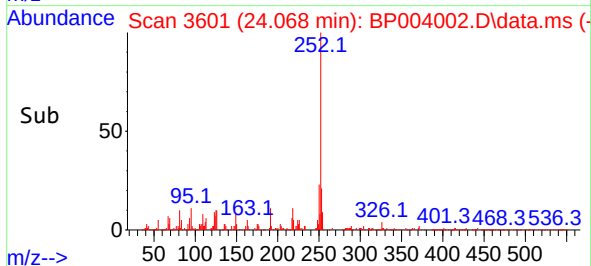
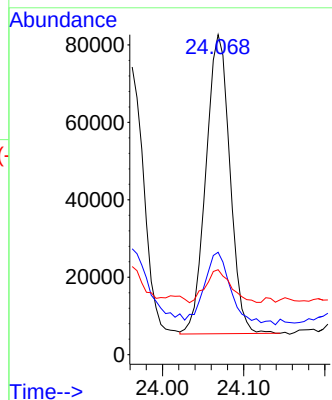
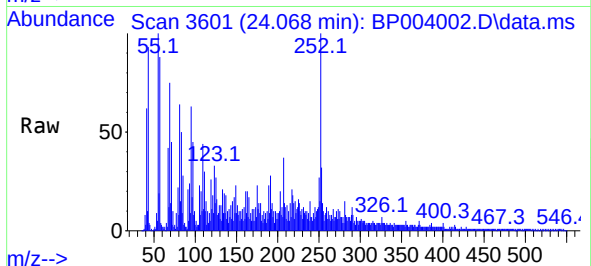




#90
Benzo(a)pyrene
Concen: 4.11 ng
RT: 24.068 min Scan# 3601
Delta R.T. 0.018 min
Lab File: BP004002.D
Acq: 18 Nov 2020 19:58

Instrument :
BNA_P
ClientSampleId :
FJ-BH-01-0-1

Tgt Ion:252 Resp: 158429
Ion Ratio Lower Upper
252 100
253 32.0 17.4 26.0#
125 26.6 8.2 12.4#



#92
Benzo(g,h,i)perylene
Concen: 3.56 ng
RT: 27.568 min Scan# 4196
Delta R.T. 0.047 min
Lab File: BP004002.D
Acq: 18 Nov 2020 19:58

Tgt Ion:276 Resp: 131518
Ion Ratio Lower Upper
276 100
277 34.2 19.0 28.6#
138 25.9 16.6 24.8#

