

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP113021\
 Data File : BP008163.D
 Acq On : 30 Nov 2021 17:50
 Operator : CG/JU
 Sample : M4849-01 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HD-1-112921

Quant Time: Dec 01 00:11:33 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 25 01:13:46 2021
 Response via : Initial Calibration

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

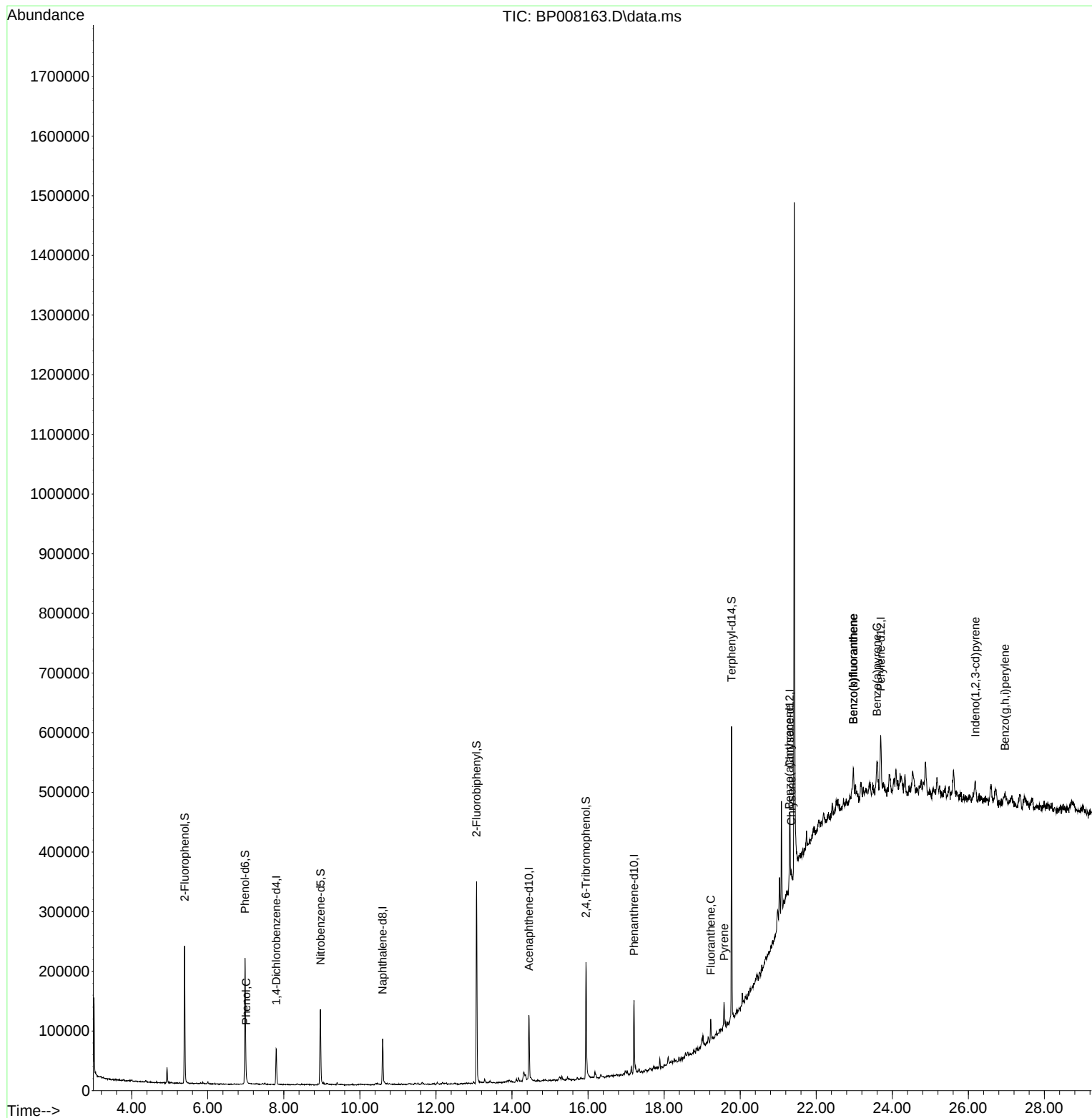
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	15827	20.000	ng	-0.01
21) Naphthalene-d8	10.599	136	60658	20.000	ng	-0.01
39) Acenaphthene-d10	14.445	164	39626	20.000	ng	-0.01
64) Phenanthrene-d10	17.210	188	77263	20.000	ng	0.00
76) Chrysene-d12	21.304	240	62420	20.000	ng	-0.01
86) Perylene-d12	23.698	264	68515	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	92041	93.634	ng	-0.01
7) Phenol-d6	6.981	99	121867	91.839	ng	-0.02
23) Nitrobenzene-d5	8.963	82	81047	60.758	ng	-0.01
42) 2,4,6-Tribromophenol	15.945	330	40634	80.227	ng	-0.01
45) 2-Fluorobiphenyl	13.069	172	175402	64.296	ng	-0.01
79) Terphenyl-d14	19.774	244	219409	73.462	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.946	77	336	Below Cal	#	44
10) Phenol	7.010	94	2751	2.017	ng	93
75) Fluoranthene	19.227	202	21788	3.965	ng	96
78) Pyrene	19.580	202	24096	3.758	ng	98
81) Benzo(a)anthracene	21.292	228	12932	3.126	ng	# 82
83) Chrysene	21.345	228	15163	3.852	ng	# 85
87) Indeno(1,2,3-cd)pyrene	26.186	276	13604	2.729	ng	# 89
88) Benzo(b)fluoranthene	22.980	252	23519	5.694	ng	# 45
89) Benzo(k)fluoranthene	22.980	252	23519	5.816	ng	# 45
90) Benzo(a)pyrene	23.598	252	17152	4.859	ng	# 63
92) Benzo(g,h,i)perylene	26.962	276	22336	5.348	ng	93

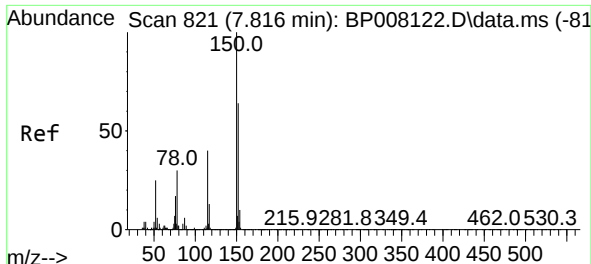
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP113021\
Data File : BP008163.D
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Sample : M4849-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-1-112921

Quant Time: Dec 01 00:11:33 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 25 01:13:46 2021
Response via : Initial Calibration

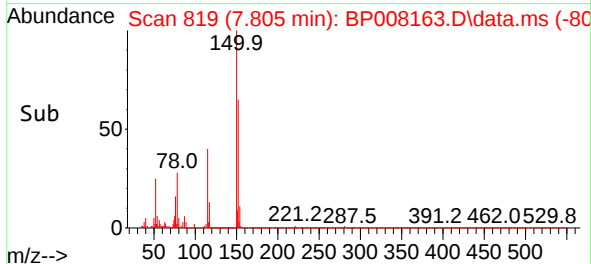
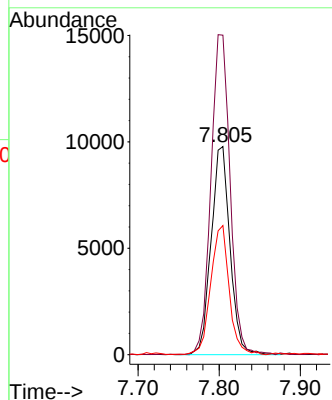
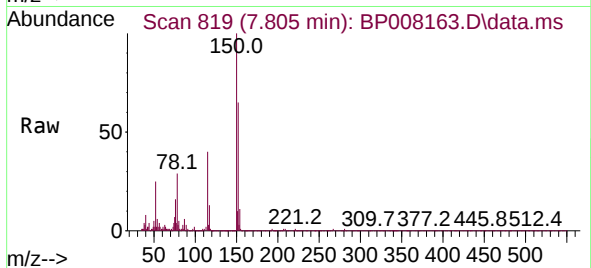




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP008163.D
Acq: 30 Nov 2021 17:50

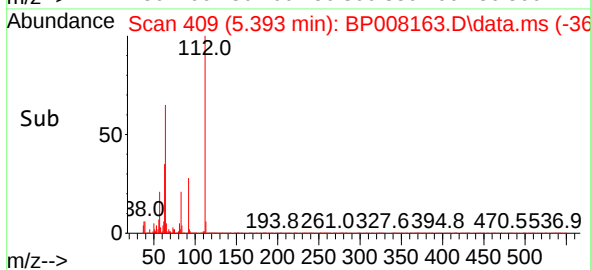
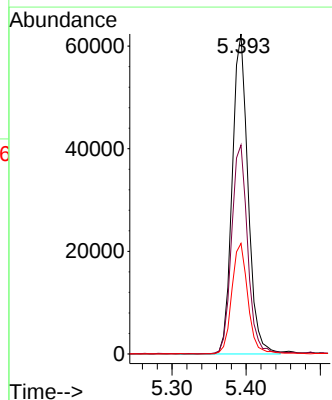
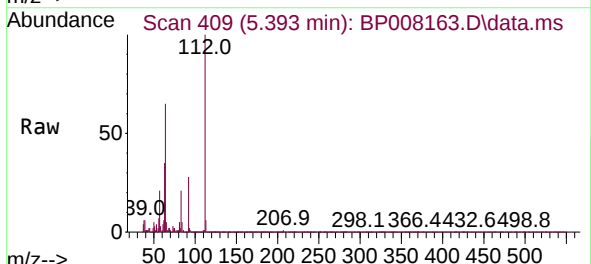
Instrument :
BNA_P
ClientSampleId :
HD-1-112921

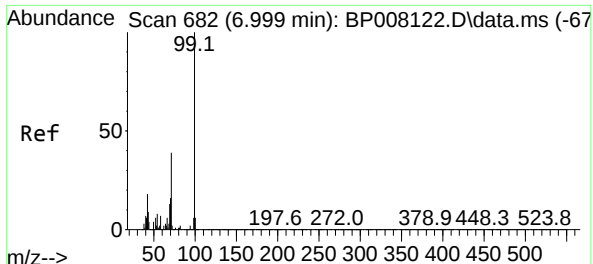
Tgt Ion:152 Resp: 15827
Ion Ratio Lower Upper
152 100
150 153.5 125.7 188.5
115 62.1 50.7 76.1



#5
2-Fluorophenol
Concen: 93.634 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.012 min
Lab File: BP008163.D
Acq: 30 Nov 2021 17:50

Tgt Ion:112 Resp: 92041
Ion Ratio Lower Upper
112 100
64 65.3 53.4 80.2
63 34.5 27.8 41.8

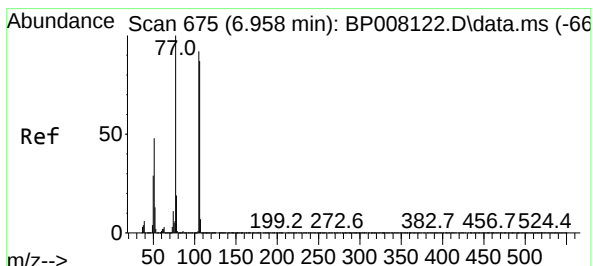
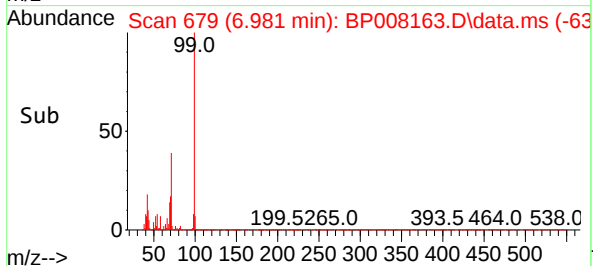
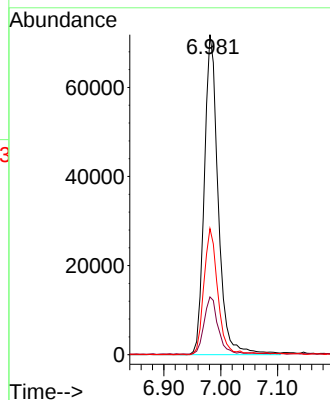
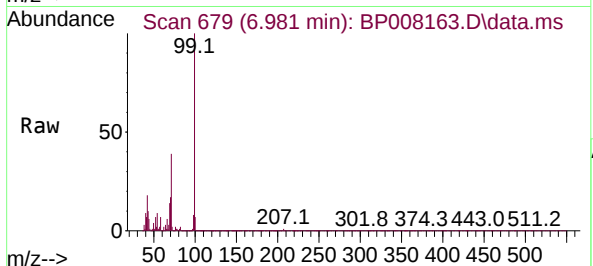




#7
Phenol-d6
Concen: 91.839 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP008163.D
Acq: 30 Nov 2021 17:50

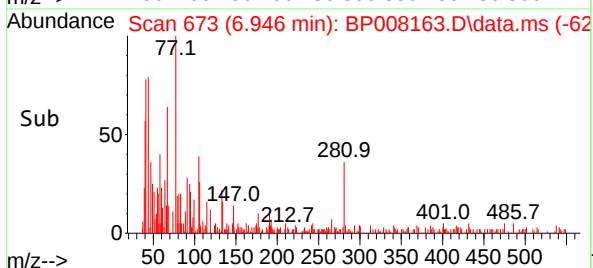
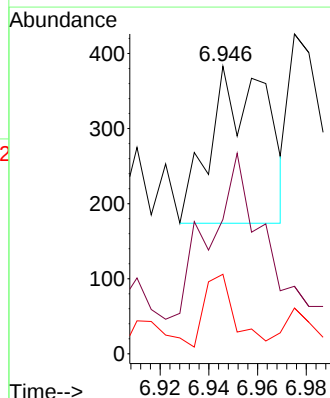
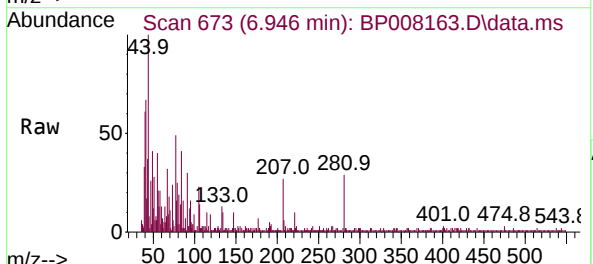
Instrument :
BNA_P
ClientSampleId :
HD-1-112921

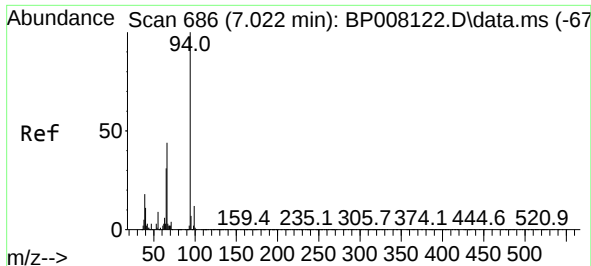
Tgt Ion: 99 Resp: 121867
Ion Ratio Lower Upper
99 100
42 18.0 14.6 22.0
71 39.4 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.946 min Scan# 673
Delta R.T. -0.012 min
Lab File: BP008163.D
Acq: 30 Nov 2021 17:50

Tgt Ion: 77 Resp: 336
Ion Ratio Lower Upper
77 100
105 46.7 71.8 111.8#
106 27.7 67.3 107.3#

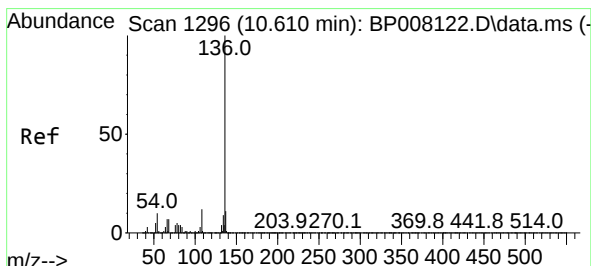
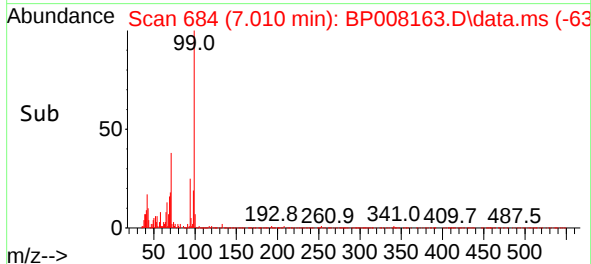
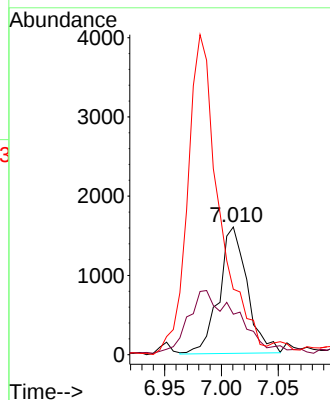
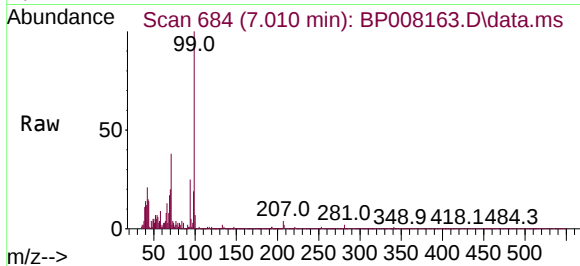




#10
Phenol
Concen: 2.017 ng
RT: 7.010 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008163.D
Acq: 30 Nov 2021 17:50

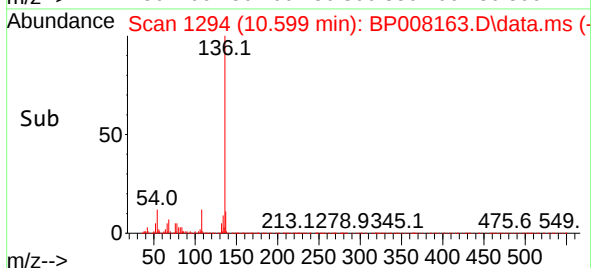
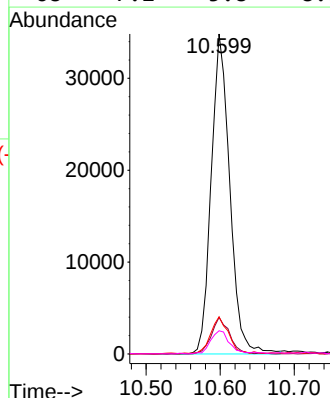
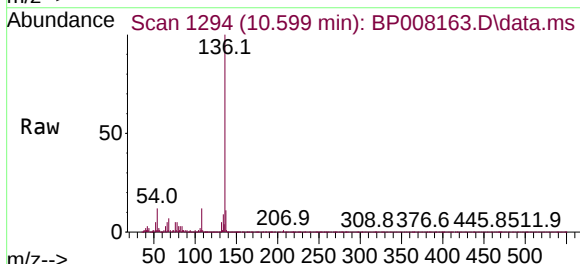
Instrument :
BNA_P
ClientSampleId :
HD-1-112921

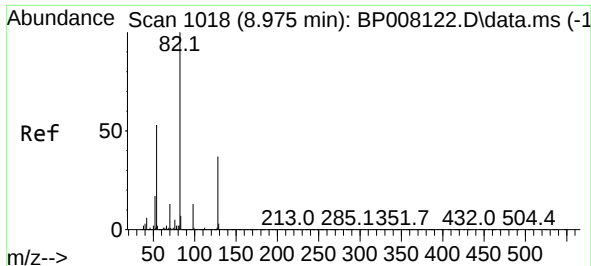
Tgt Ion: 94 Resp: 2751
Ion Ratio Lower Upper
94 100
65 31.7 10.9 50.9
66 51.2 24.3 64.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BP008163.D
Acq: 30 Nov 2021 17:50

Tgt Ion: 136 Resp: 60658
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 11.6 8.2 12.4
68 7.2 5.8 8.8

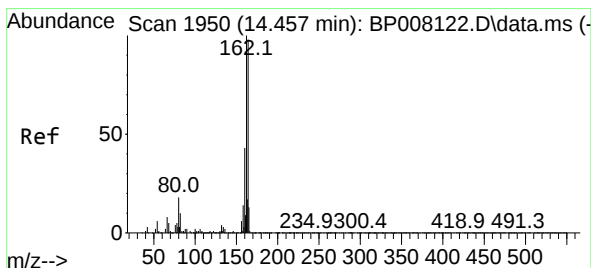
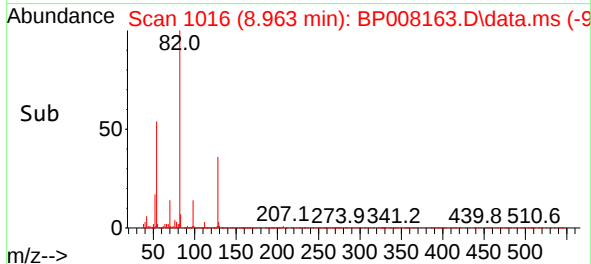
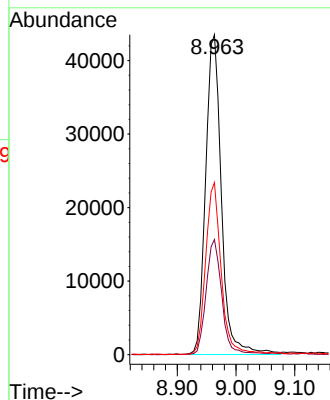
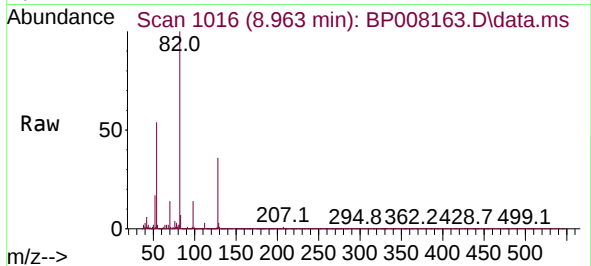




#23
Nitrobenzene-d5
Concen: 60.758 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BP008163.D
Acq: 30 Nov 2021 17:50

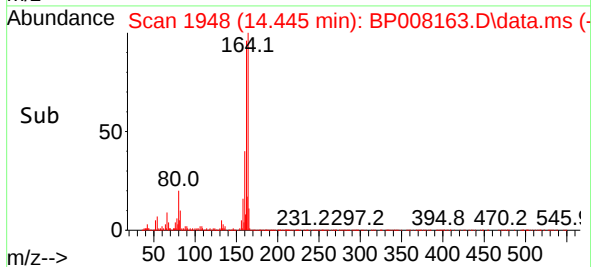
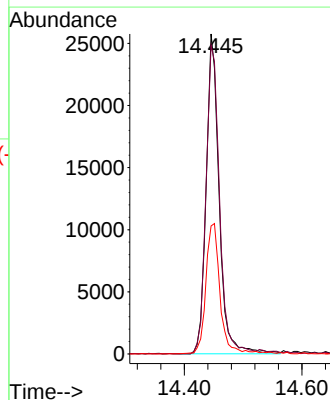
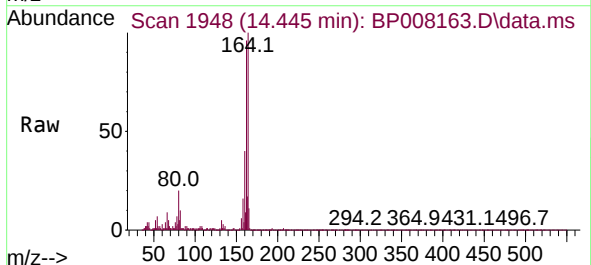
Instrument :
BNA_P
ClientSampleId :
HD-1-112921

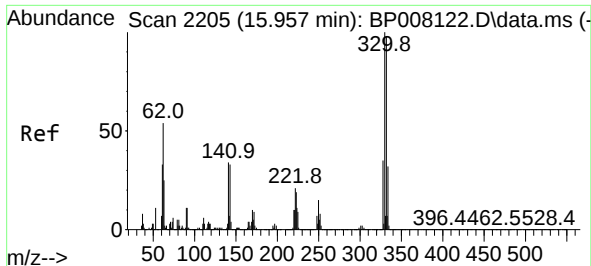
Tgt Ion: 82 Resp: 81047
Ion Ratio Lower Upper
82 100
128 36.0 29.6 44.4
54 53.8 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP008163.D
Acq: 30 Nov 2021 17:50

Tgt Ion: 164 Resp: 39626
Ion Ratio Lower Upper
164 100
162 96.4 81.9 122.9
160 40.0 35.4 53.0

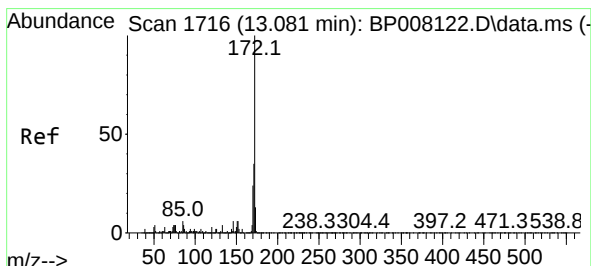
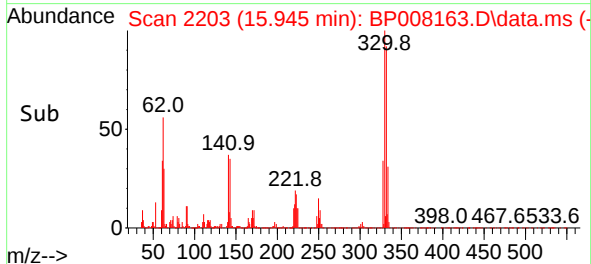
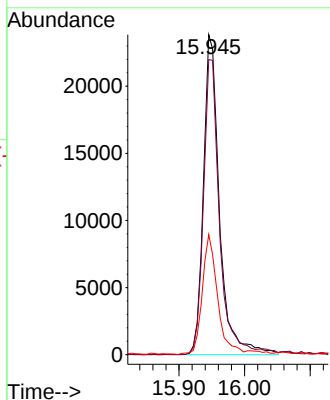
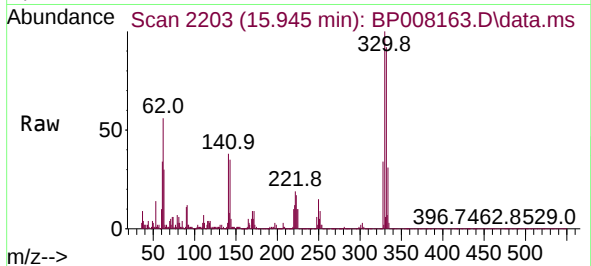




#42
2,4,6-Tribromophenol
Concen: 80.227 ng
RT: 15.945 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008163.D
Acq: 30 Nov 2021 17:50

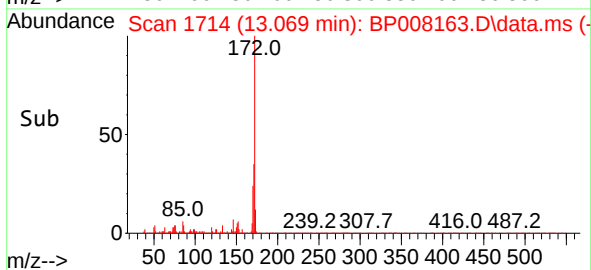
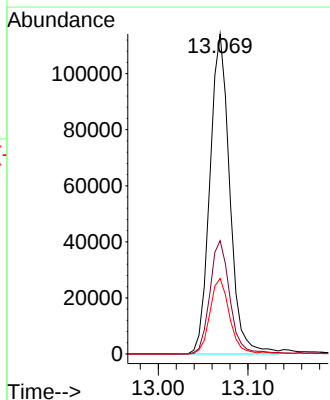
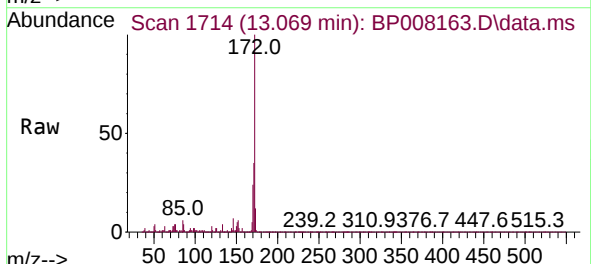
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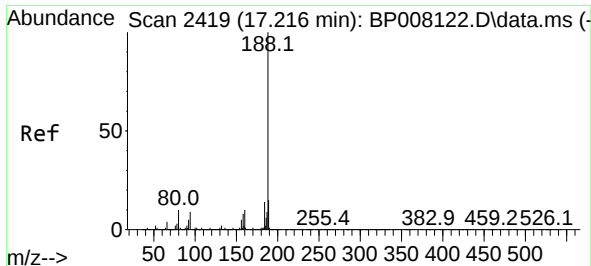
Tgt Ion:	330	Resp:	40634
Ion Ratio	Lower	Upper	
330	100		
332	92.8	77.0	115.4
141	36.0	28.4	42.6



#45
2-Fluorobiphenyl
Concen: 64.296 ng
RT: 13.069 min Scan# 1714
Delta R.T. -0.012 min
Lab File: BP008163.D
Acq: 30 Nov 2021 17:50

Tgt Ion:	172	Resp:	175402
Ion Ratio	Lower	Upper	
172	100		
171	35.4	28.0	42.0
170	23.6	18.9	28.3

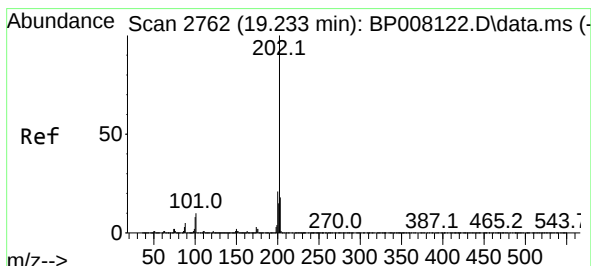
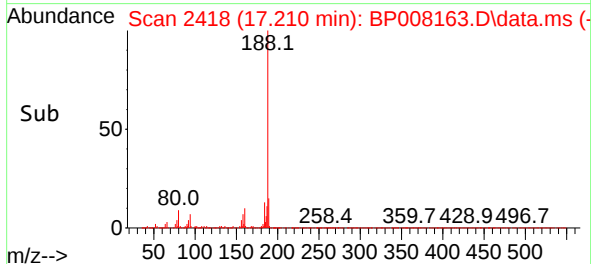
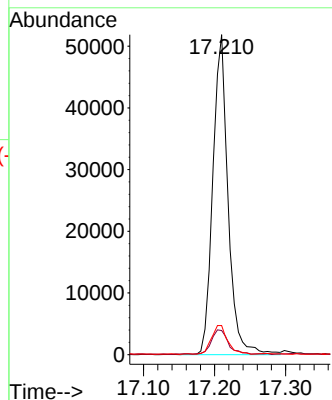
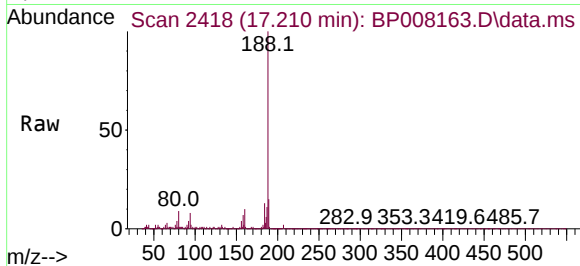




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP008163.D
Acq: 30 Nov 2021 17:50

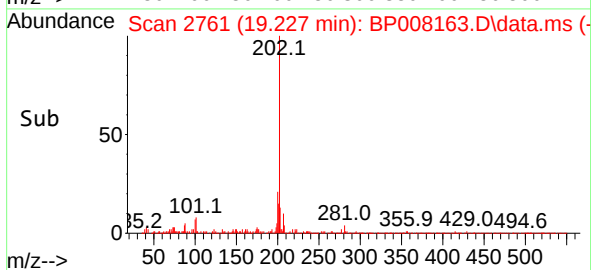
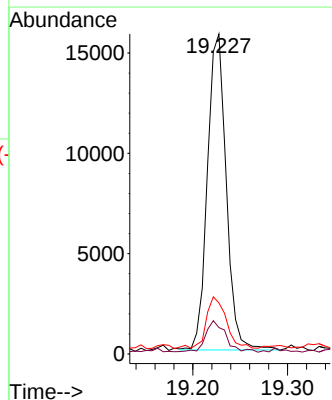
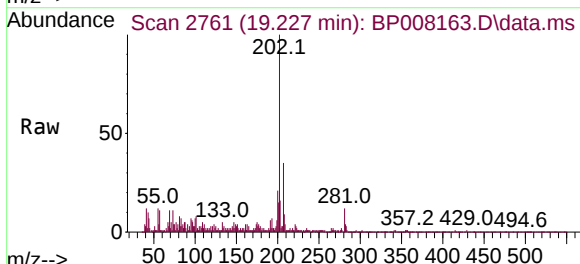
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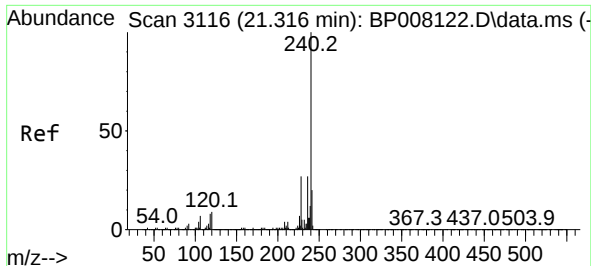
Tgt Ion:188 Resp: 77263
Ion Ratio Lower Upper
188 100
94 7.5 7.2 10.8
80 9.1 8.2 12.4



#75
Fluoranthene
Concen: 3.965 ng
RT: 19.227 min Scan# 2761
Delta R.T. -0.006 min
Lab File: BP008163.D
Acq: 30 Nov 2021 17:50

Tgt Ion:202 Resp: 21788
Ion Ratio Lower Upper
202 100
101 8.3 0.0 29.8
203 16.0 0.0 37.7

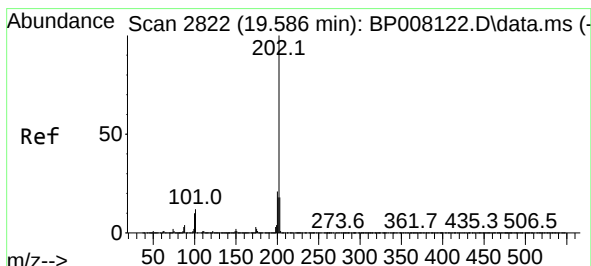
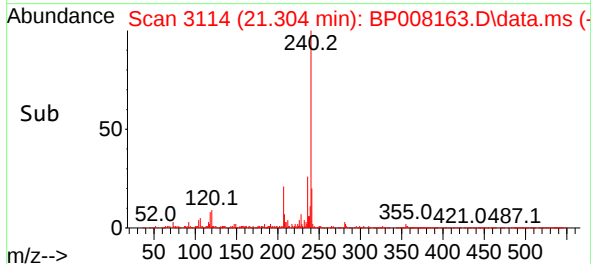
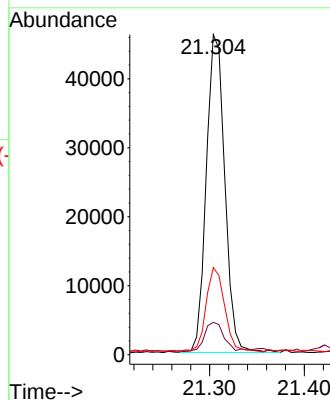
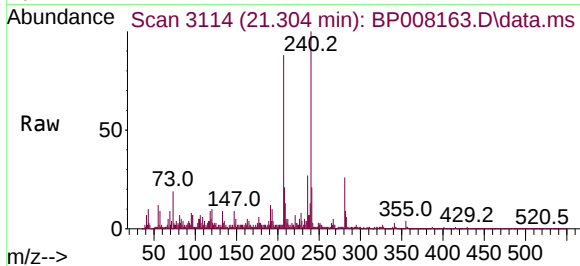




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP008163.D
Acq: 30 Nov 2021 17:50

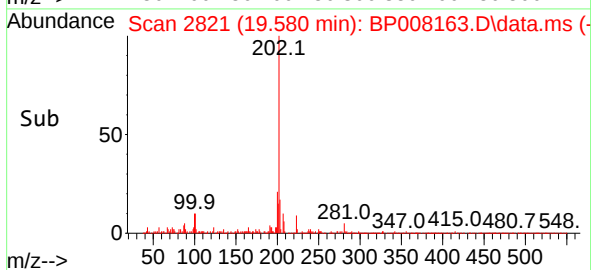
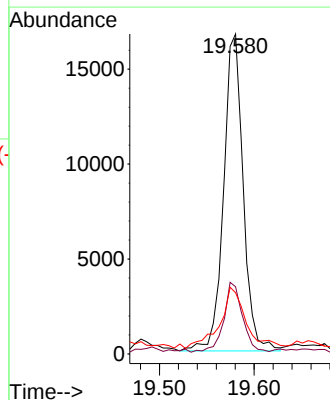
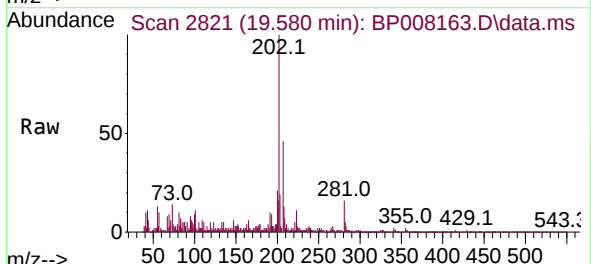
Instrument :
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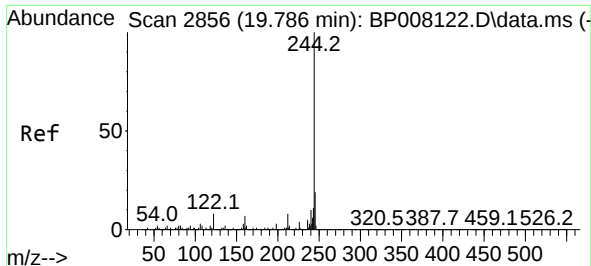
Tgt Ion:240 Resp: 62420
Ion Ratio Lower Upper
240 100
120 10.1 7.3 10.9
236 27.2 21.4 32.2



#78
Pyrene
Concen: 3.758 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BP008163.D
Acq: 30 Nov 2021 17:50

Tgt Ion:202 Resp: 24096
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 19.1 14.2 21.2

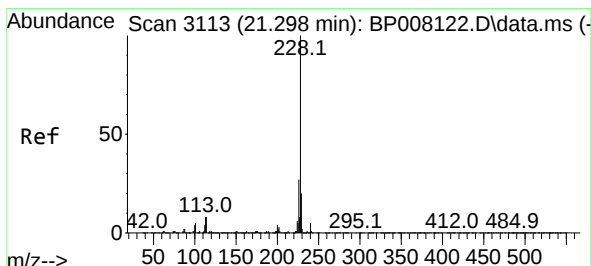
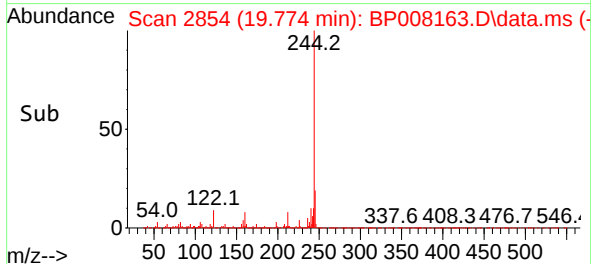
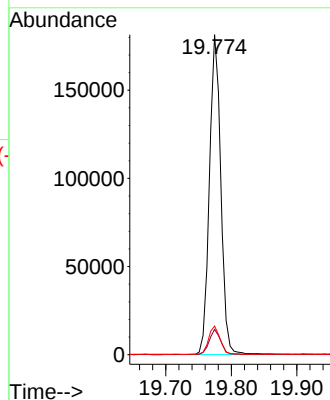
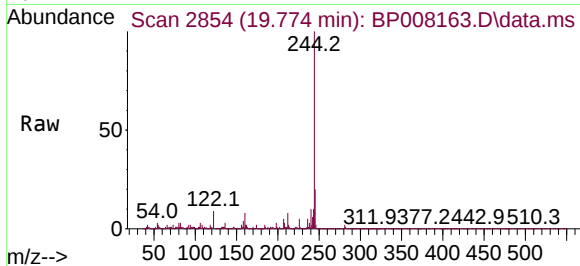




#79
 Terphenyl-d14
 Concen: 73.462 ng
 RT: 19.774 min Scan# 219409
 Delta R.T. -0.012 min
 Lab File: BP008163.D
 Acq: 30 Nov 2021 17:50

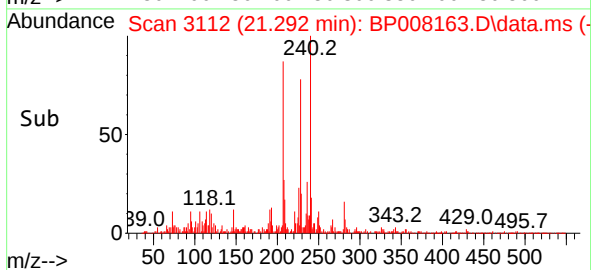
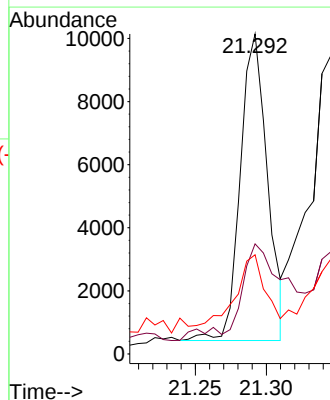
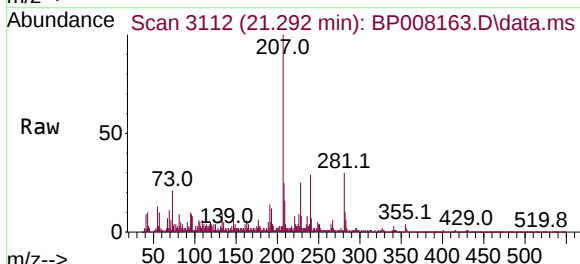
Instrument :
 BNA_P
 ClientSampleId :
 HD-1-112921

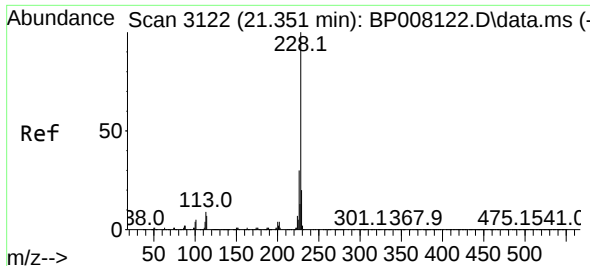
Tgt Ion:244	Resp:	219409
Ion Ratio	Lower	Upper
244	100	
212	7.9	6.0 9.0
122	9.0	6.6 9.8



#81
 Benzo(a)anthracene
 Concen: 3.126 ng
 RT: 21.292 min Scan# 3112
 Delta R.T. -0.006 min
 Lab File: BP008163.D
 Acq: 30 Nov 2021 17:50

Tgt Ion:228	Resp:	12932
Ion Ratio	Lower	Upper
228	100	
226	34.4	21.9 32.9#
229	31.0	15.9 23.9#





#83

Chrysene

Concen: 3.852 ng

RT: 21.345 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BP008163.D

Acq: 30 Nov 2021 17:50

Instrument :

BNA_P

ClientSampleId :

HD-1-112921

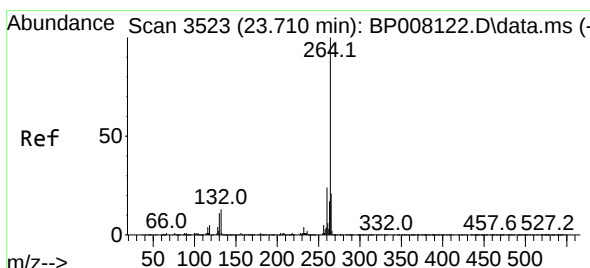
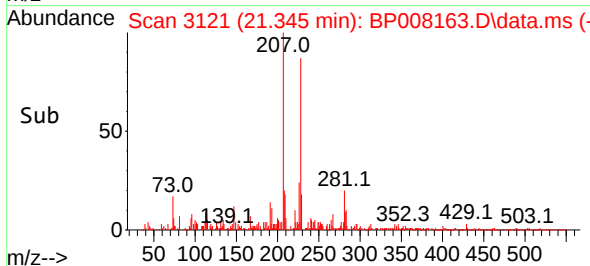
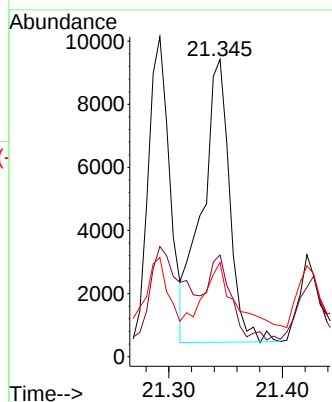
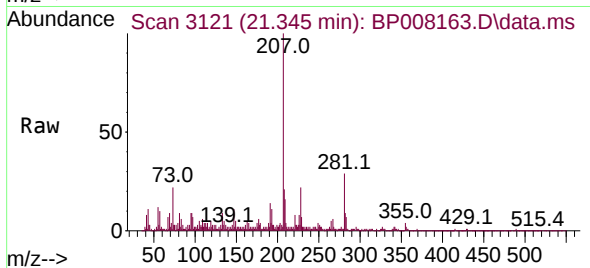
Tgt Ion:228 Resp: 15163

Ion Ratio Lower Upper

228 100

226 34.2 24.0 36.0

229 31.7 15.8 23.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.698 min Scan# 3521

Delta R.T. -0.012 min

Lab File: BP008163.D

Acq: 30 Nov 2021 17:50

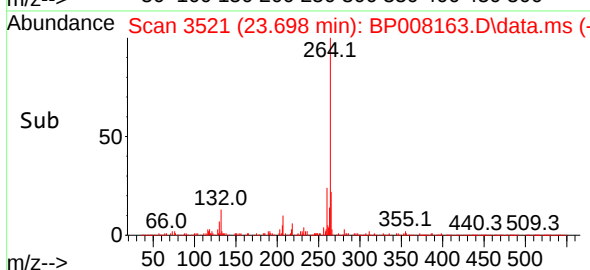
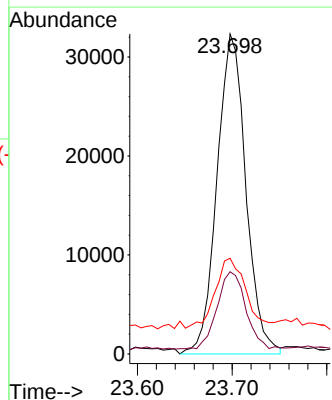
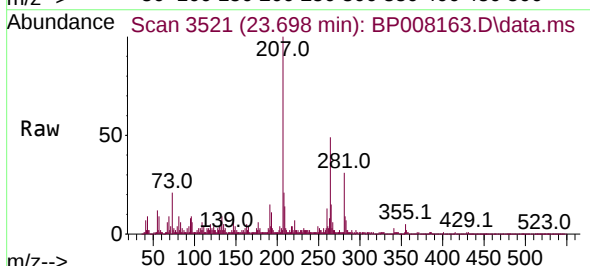
Tgt Ion:264 Resp: 68515

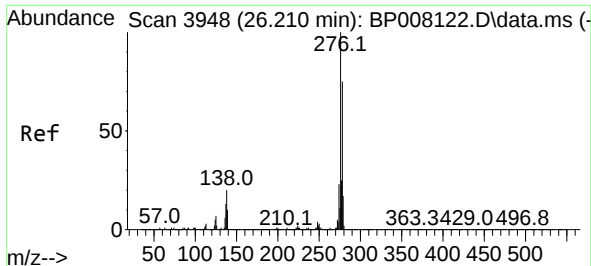
Ion Ratio Lower Upper

264 100

260 25.7 19.4 29.2

265 29.9 17.6 26.4#

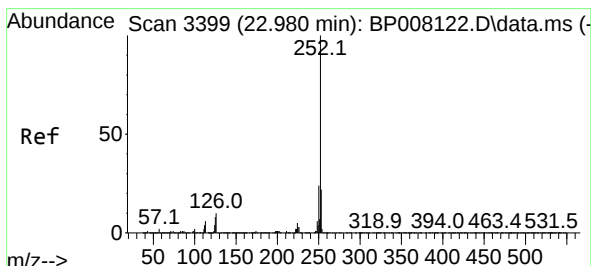
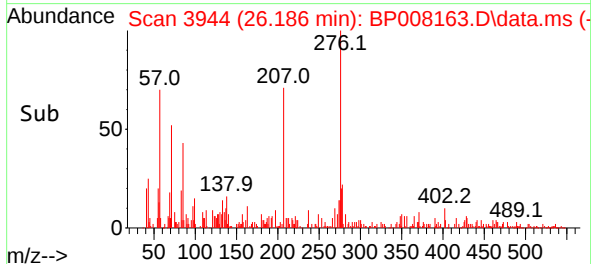
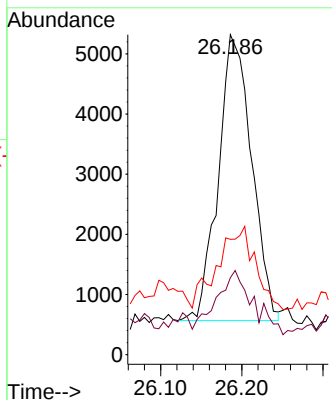
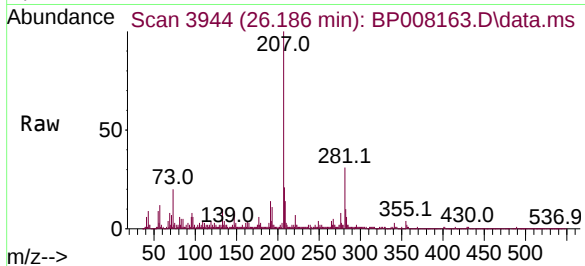




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.729 ng
 RT: 26.186 min Scan# 3944
 Delta R.T. -0.024 min
 Lab File: BP008163.D
 Acq: 30 Nov 2021 17:50

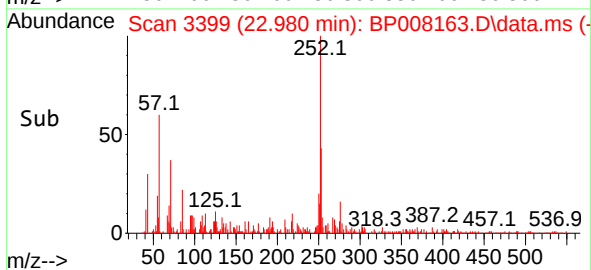
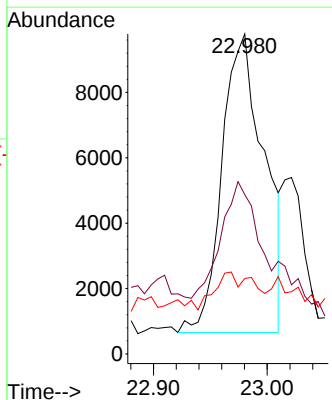
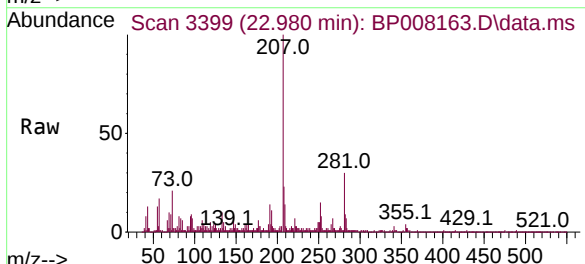
Instrument :
 BNA_P
 ClientSampleId :
 HD-1-112921

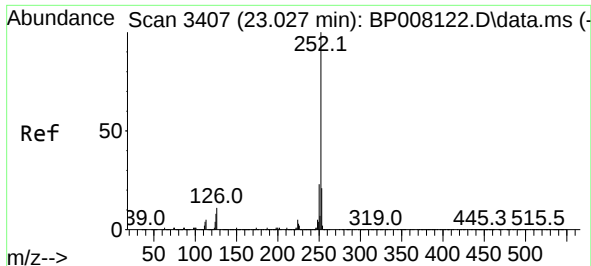
Tgt Ion:276 Resp: 13604
 Ion Ratio Lower Upper
 276 100
 138 24.4 16.6 25.0
 277 32.5 20.2 30.2#



#88
 Benzo(b)fluoranthene
 Concen: 5.694 ng
 RT: 22.980 min Scan# 3399
 Delta R.T. -0.000 min
 Lab File: BP008163.D
 Acq: 30 Nov 2021 17:50

Tgt Ion:252 Resp: 23519
 Ion Ratio Lower Upper
 252 100
 253 49.8 17.7 26.5#
 125 23.6 6.2 9.4#

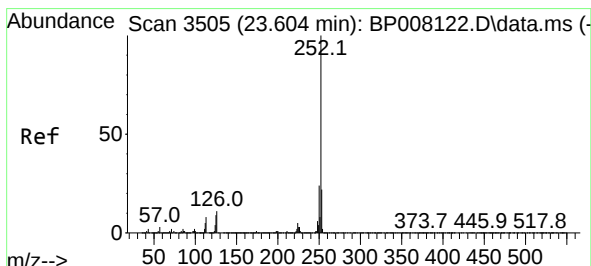
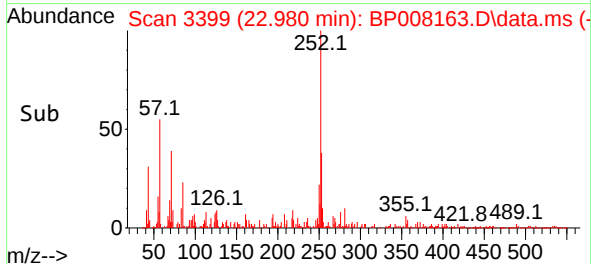
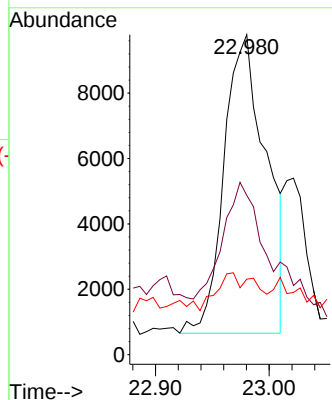
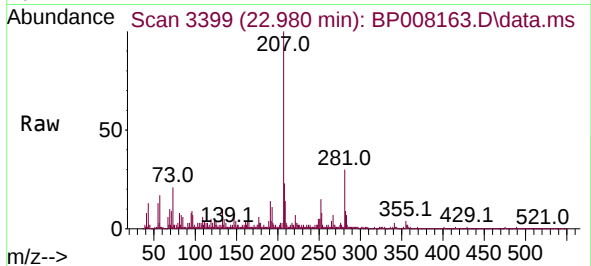




#89
Benzo(k)fluoranthene
Concen: 5.816 ng
RT: 22.980 min Scan# 31
Delta R.T. -0.047 min
Lab File: BP008163.D
Acq: 30 Nov 2021 17:50

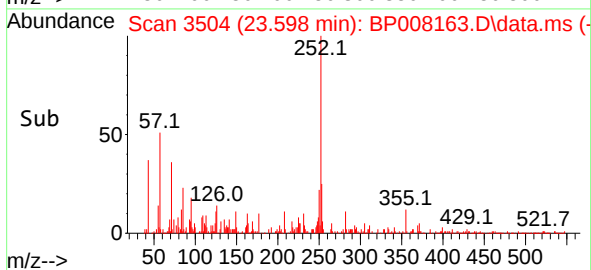
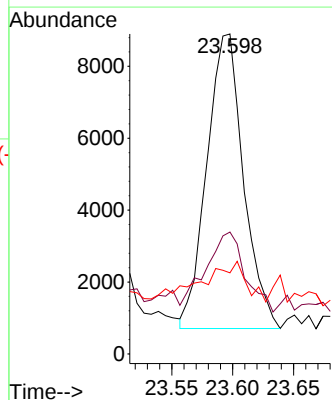
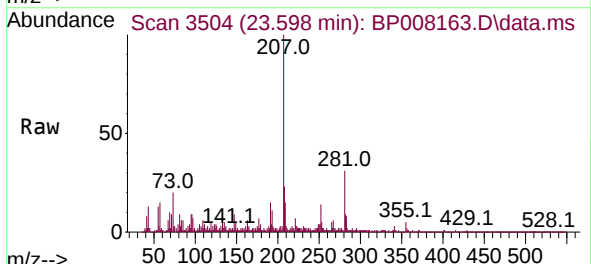
Instrument :
BNA_P
ClientSampleId :
HD-1-112921

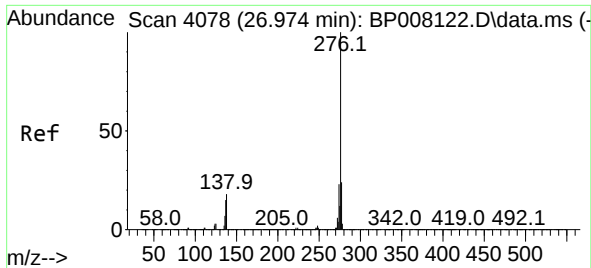
Tgt Ion:252 Resp: 23519
Ion Ratio Lower Upper
252 100
253 49.8 17.3 25.9#
125 23.6 6.5 9.7#



#90
Benzo(a)pyrene
Concen: 4.859 ng
RT: 23.598 min Scan# 3504
Delta R.T. -0.006 min
Lab File: BP008163.D
Acq: 30 Nov 2021 17:50

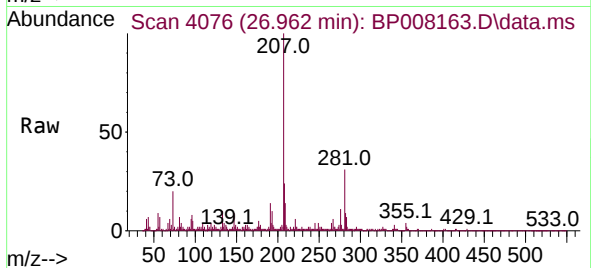
Tgt Ion:252 Resp: 17152
Ion Ratio Lower Upper
252 100
253 38.1 17.6 26.4#
125 25.3 7.4 11.0#





#92
 Benzo(g,h,i)perylene
 Concen: 5.348 ng
 RT: 26.962 min Scan# 4076
 Delta R.T. -0.012 min
 Lab File: BP008163.D
 Acq: 30 Nov 2021 17:50

Instrument :
 BNA_P
 ClientSampleId :
 HD-1-112921



Tgt Ion:	276	Resp:	22336
Ion	Ratio	Lower	Upper
276	100		
277	29.3	20.0	30.0
138	19.7	14.1	21.1

