

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011922\
 Data File : BP008851.D
 Acq On : 19 Jan 2022 13:42
 Operator : CG/JU
 Sample : N1165-01 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NB-07-011422

Quant Time: Jan 19 14:11:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 14 18:05:00 2022
 Response via : Initial Calibration

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

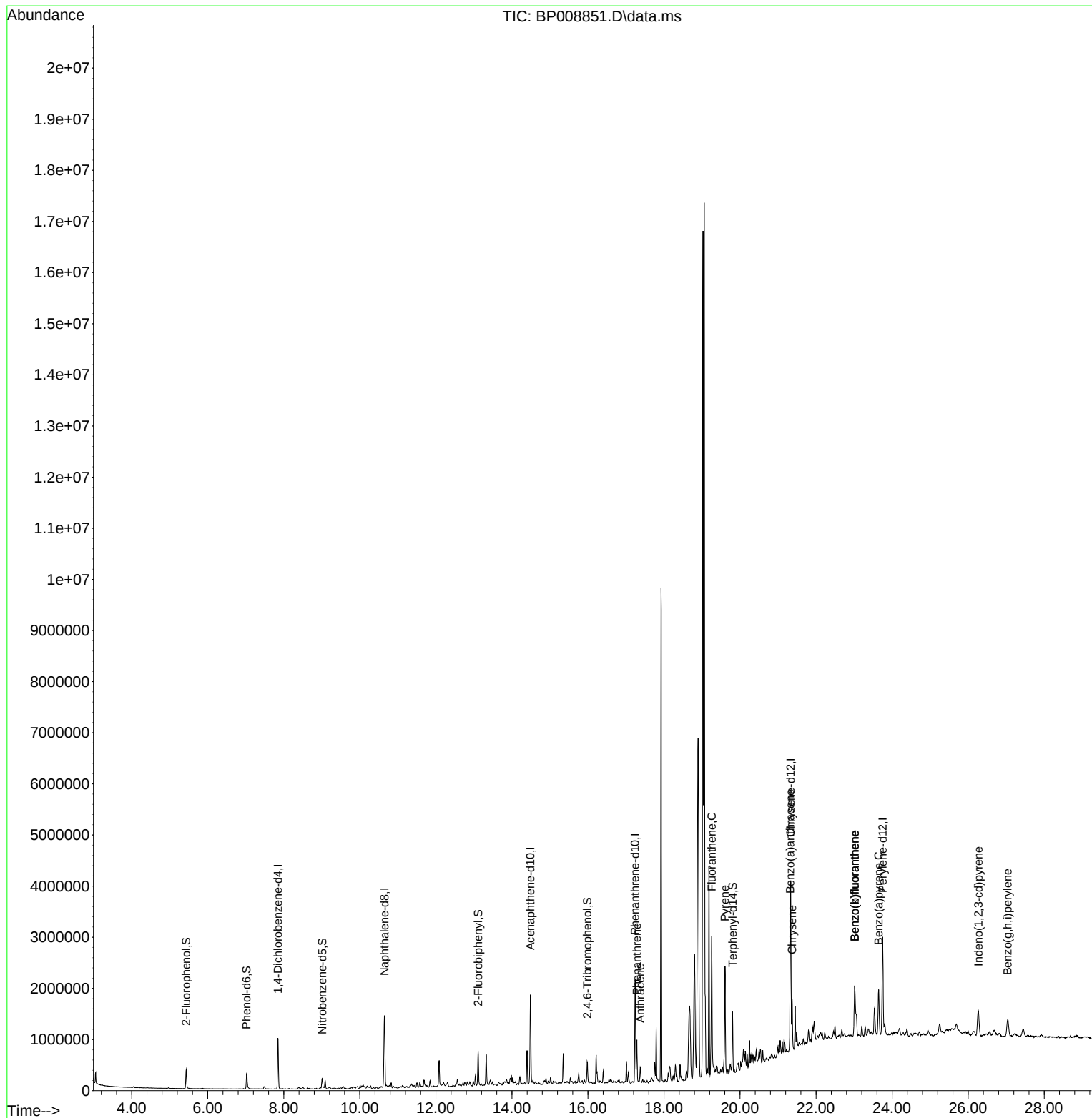
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	300450	20.000	ng	-0.01
21) Naphthalene-d8	10.651	136	1112070	20.000	ng	0.00
39) Acenaphthene-d10	14.487	164	668730	20.000	ng	-0.01
64) Phenanthrene-d10	17.239	188	1318938	20.000	ng	-0.01
76) Chrysene-d12	21.333	240	1346480	20.000	ng	-0.01
86) Perylene-d12	23.751	264	1450444	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	188310	9.692	ng	0.00
7) Phenol-d6	7.022	99	223657	9.506	ng	-0.01
23) Nitrobenzene-d5	9.010	82	137935	7.042	ng	0.00
42) 2,4,6-Tribromophenol	15.986	330	87378	8.977	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	396113	7.811	ng	-0.01
79) Terphenyl-d14	19.804	244	552976	6.932	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	17.286	178	538300	7.249	ng	98
72) Anthracene	17.375	178	213522	2.866	ng	100
75) Fluoranthene	19.257	202	1078352	13.058	ng	97
78) Pyrene	19.604	202	1274091	13.561	ng	98
81) Benzo(a)anthracene	21.322	228	669256	7.388	ng	99
83) Chrysene	21.369	228	598321	6.814	ng	99
87) Indeno(1,2,3-cd)pyrene	26.268	276	462223	3.867	ng	# 95
88) Benzo(b)fluoranthene	23.016	252	1130393	11.670	ng	98
89) Benzo(k)fluoranthene	23.016	252	1130393	12.056	ng	99
90) Benzo(a)pyrene	23.645	252	692641	7.408	ng	99
92) Benzo(g,h,i)perylene	27.039	276	486485	4.903	ng	98

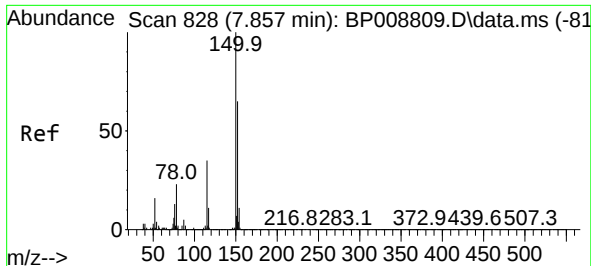
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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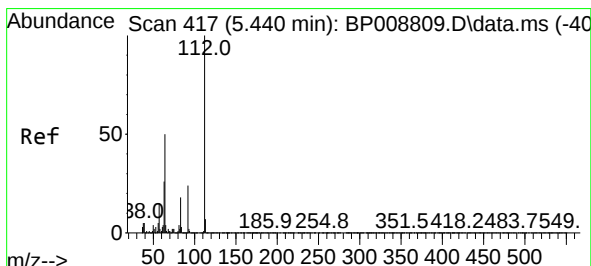
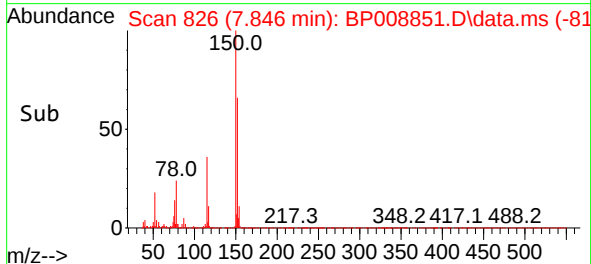
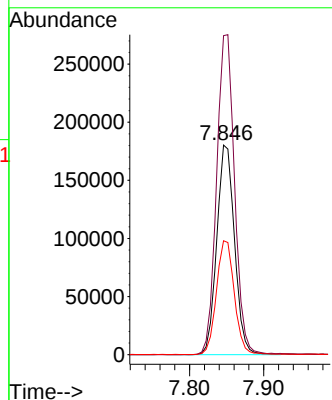
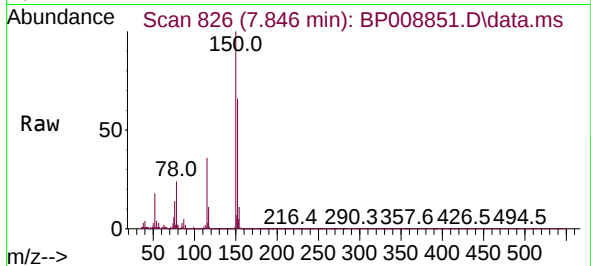




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.846 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP008851.D
Acq: 19 Jan 2022 13:42

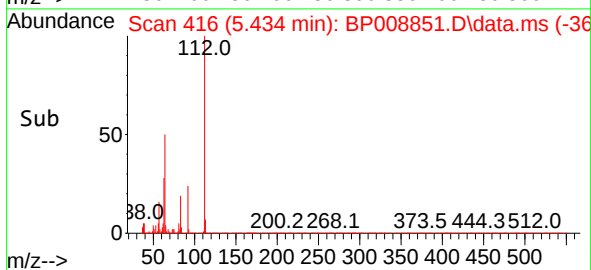
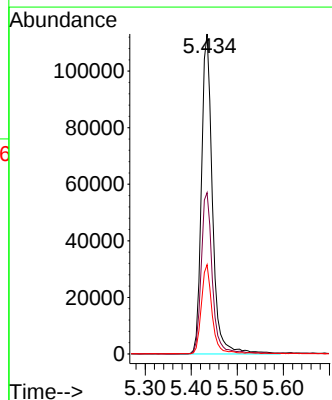
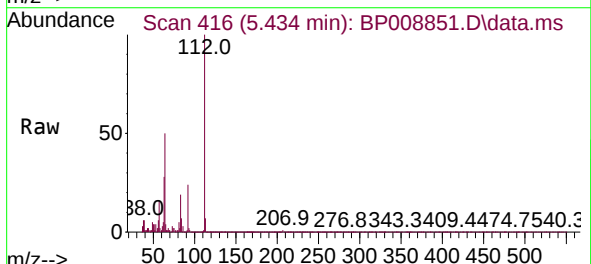
Instrument :
BNA_P
ClientSampleId :
NB-07-011422

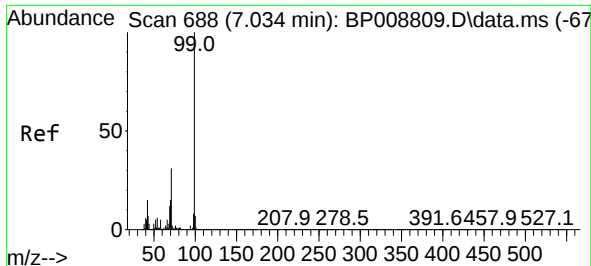
Tgt Ion:152 Resp: 300450
Ion Ratio Lower Upper
152 100
150 152.3 127.0 190.6
115 54.4 43.7 65.5



#5
2-Fluorophenol
Concen: 9.692 ng
RT: 5.434 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP008851.D
Acq: 19 Jan 2022 13:42

Tgt Ion:112 Resp: 188310
Ion Ratio Lower Upper
112 100
64 50.4 39.7 59.5
63 27.9 20.0 30.0

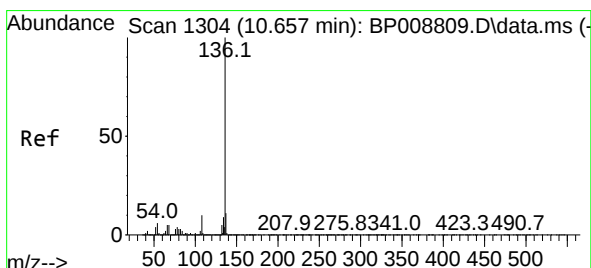
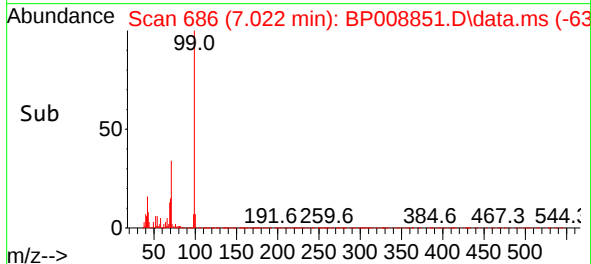
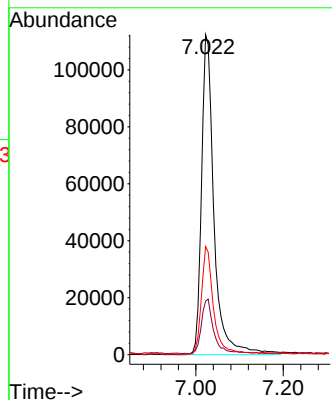
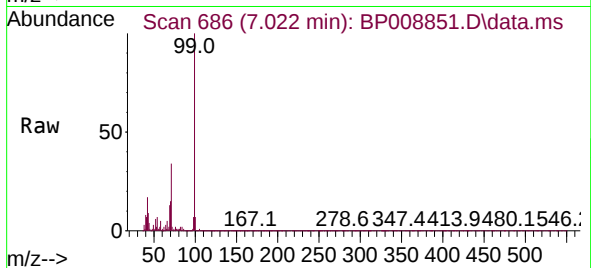




#7
Phenol-d6
Concen: 9.506 ng
RT: 7.022 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008851.D
Acq: 19 Jan 2022 13:42

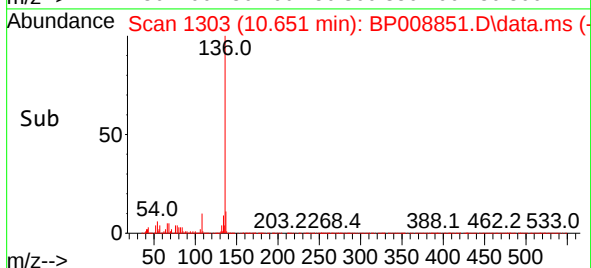
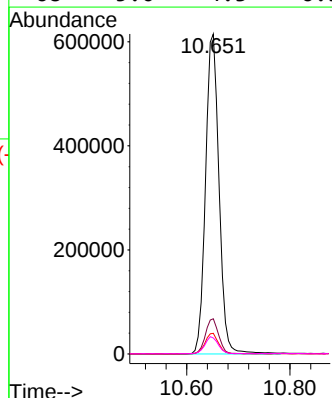
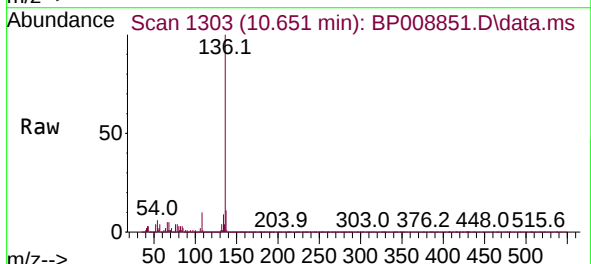
Instrument :
BNA_P
ClientSampleId :
NB-07-011422

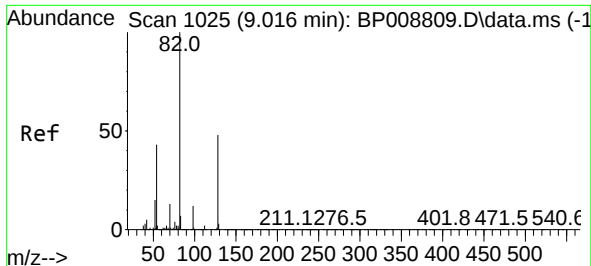
Tgt Ion: 99 Resp: 223657
Ion Ratio Lower Upper
99 100
42 16.8 10.8 16.2#
71 33.8 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BP008851.D
Acq: 19 Jan 2022 13:42

Tgt Ion:136 Resp: 1112070
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.4 4.9 7.3
68 5.0 4.3 6.5

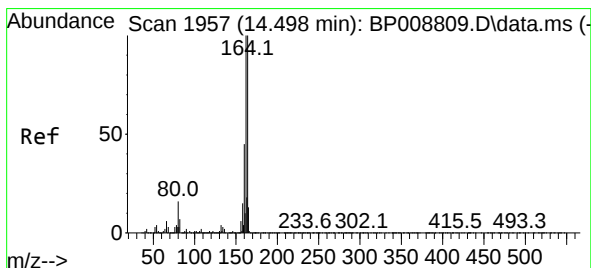
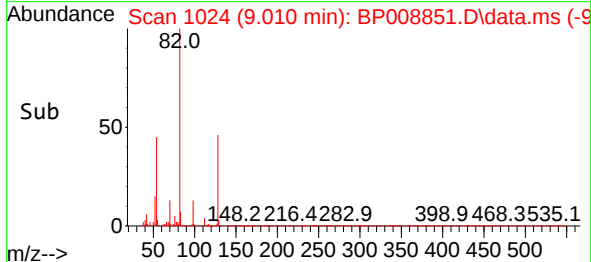
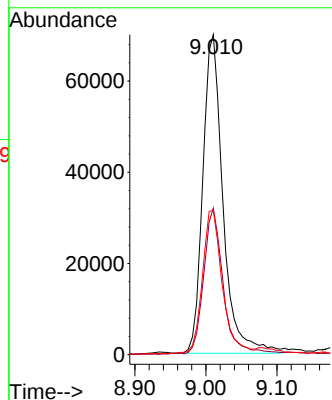
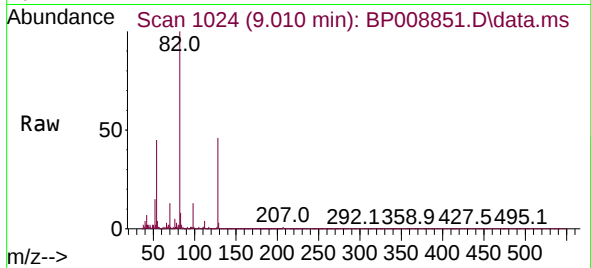




#23
Nitrobenzene-d5
Concen: 7.042 ng
RT: 9.010 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BP008851.D
Acq: 19 Jan 2022 13:42

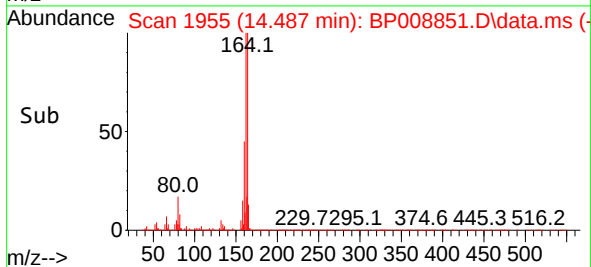
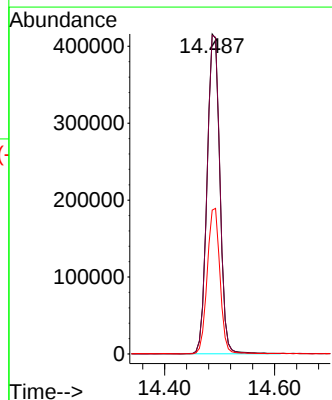
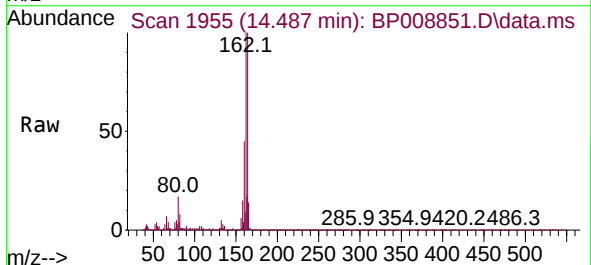
Instrument :
BNA_P
ClientSampleId :
NB-07-011422

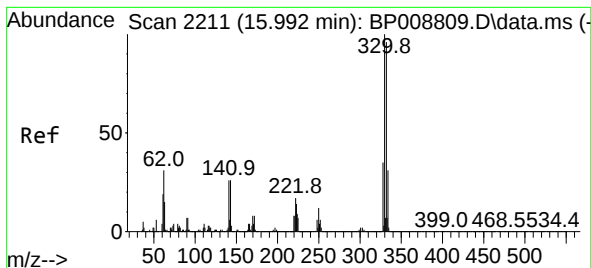
Tgt Ion: 82 Resp: 137935
Ion Ratio Lower Upper
82 100
128 45.8 39.4 59.2
54 45.1 32.6 48.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1955
Delta R.T. -0.012 min
Lab File: BP008851.D
Acq: 19 Jan 2022 13:42

Tgt Ion: 164 Resp: 668730
Ion Ratio Lower Upper
164 100
162 99.6 79.9 119.9
160 45.0 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 8.977 ng

RT: 15.986 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP008851.D

Acq: 19 Jan 2022 13:42

Instrument :

BNA_P

ClientSampleId :

NB-07-011422

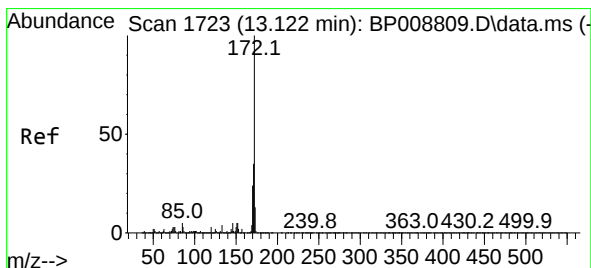
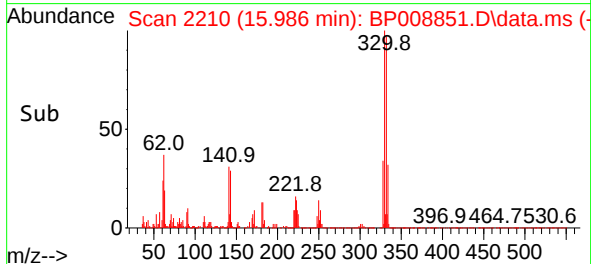
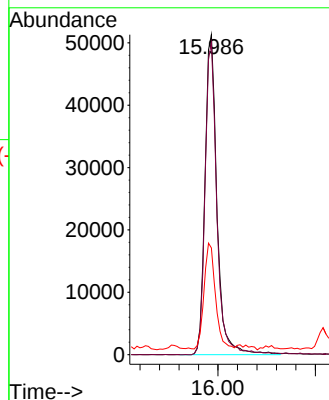
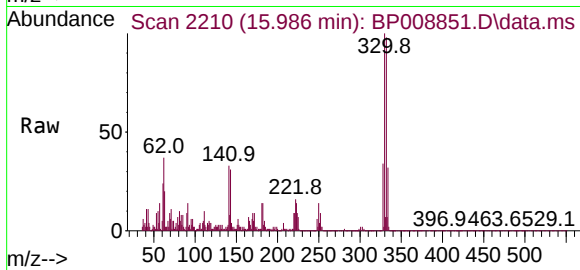
Tgt Ion:330 Resp: 87378

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.4

141 31.6 21.3 31.9



#45

2-Fluorobiphenyl

Concen: 7.811 ng

RT: 13.110 min Scan# 1721

Delta R.T. -0.012 min

Lab File: BP008851.D

Acq: 19 Jan 2022 13:42

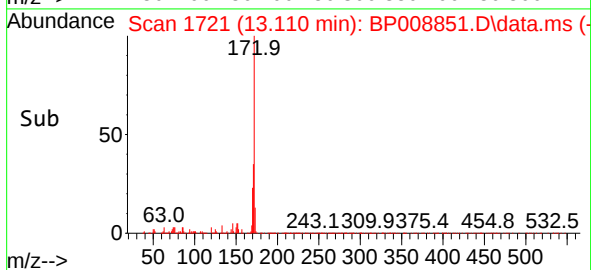
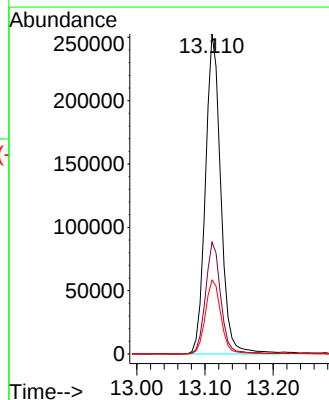
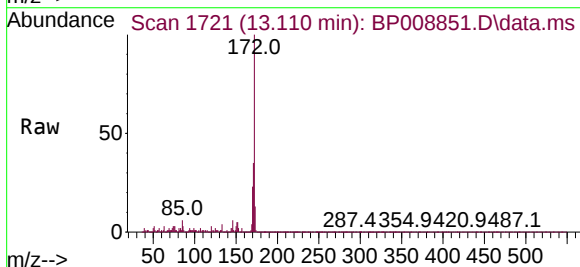
Tgt Ion:172 Resp: 396113

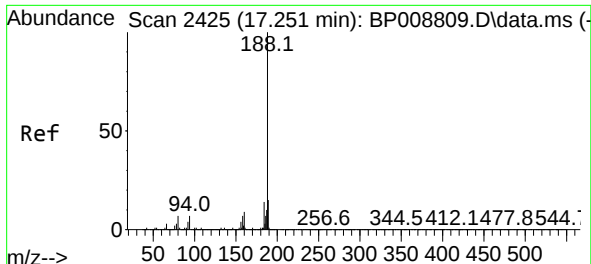
Ion Ratio Lower Upper

172 100

171 34.9 29.3 43.9

170 23.1 19.5 29.3

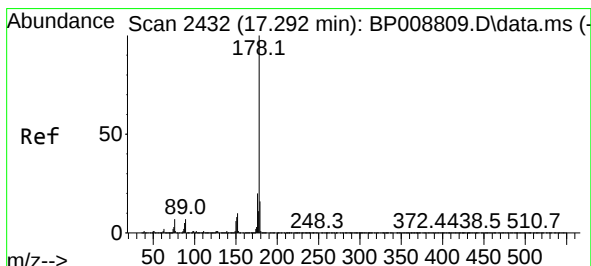
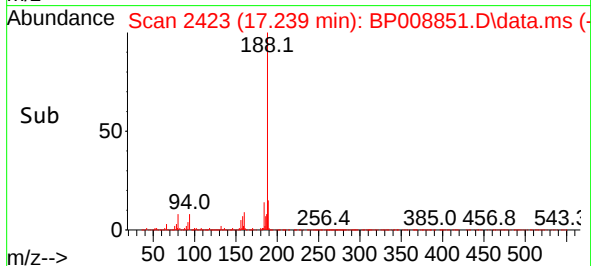
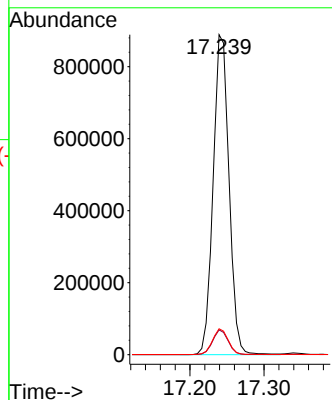
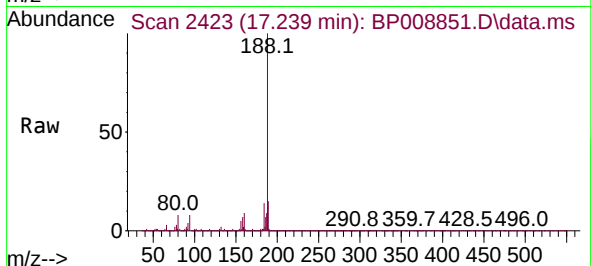




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 2425
Delta R.T. -0.012 min
Lab File: BP008851.D
Acq: 19 Jan 2022 13:42

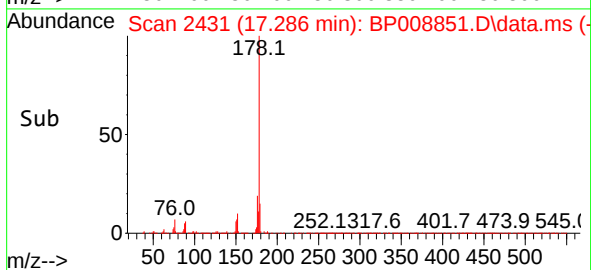
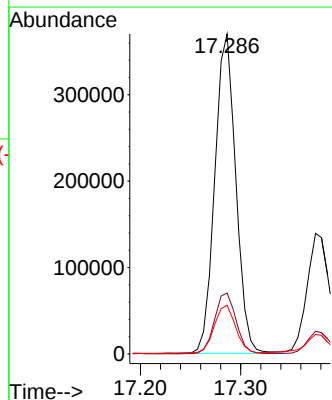
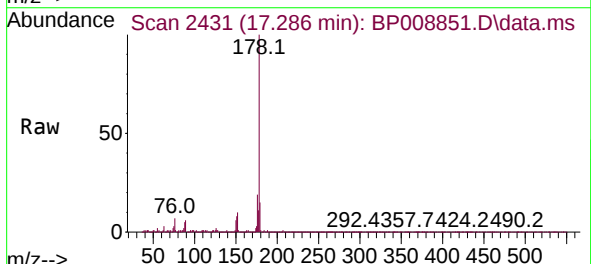
Instrument :
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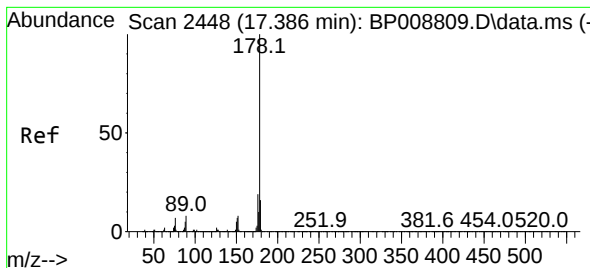
Tgt Ion:188 Resp: 1318938
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 8.1 7.2 10.8



#71
Phenanthrene
Concen: 7.249 ng
RT: 17.286 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BP008851.D
Acq: 19 Jan 2022 13:42

Tgt Ion:178 Resp: 538300
Ion Ratio Lower Upper
178 100
176 19.0 16.0 24.0
179 15.2 13.0 19.4





#72

Anthracene

Concen: 2.866 ng

RT: 17.375 min Scan# 2448

Delta R.T. -0.012 min

Lab File: BP008851.D

Acq: 19 Jan 2022 13:42

Instrument :

BNA_P

ClientSampleId :

NB-07-011422

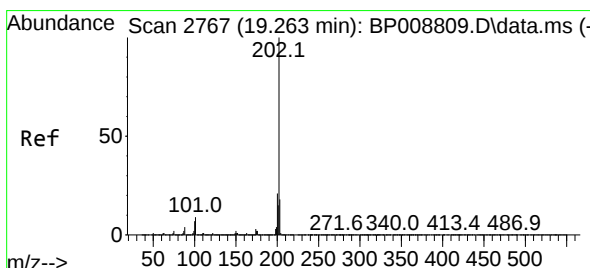
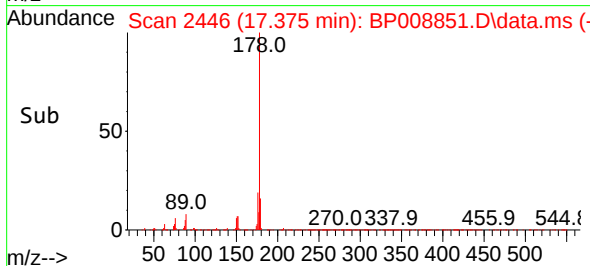
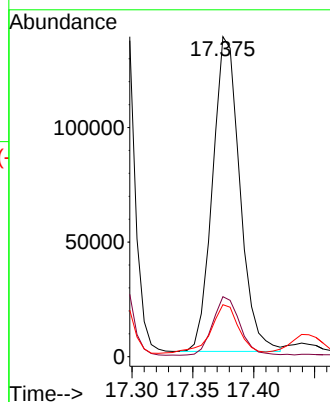
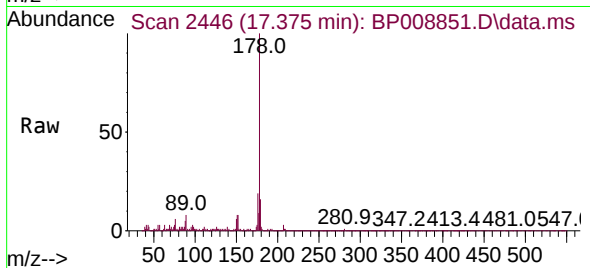
Tgt Ion:178 Resp: 213522

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

179 16.2 12.8 19.2



#75

Fluoranthene

Concen: 13.058 ng

RT: 19.257 min Scan# 2766

Delta R.T. -0.006 min

Lab File: BP008851.D

Acq: 19 Jan 2022 13:42

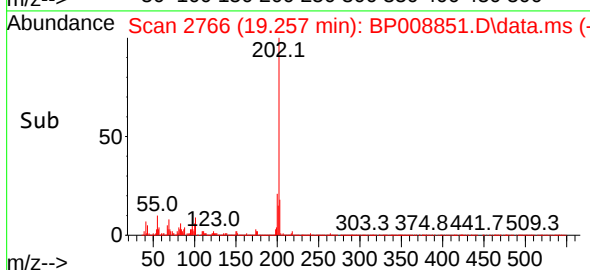
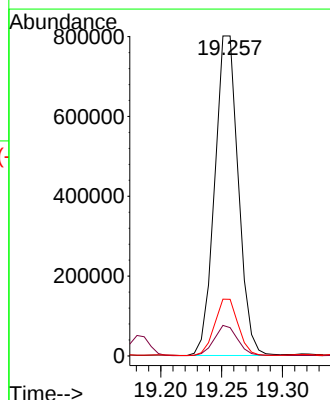
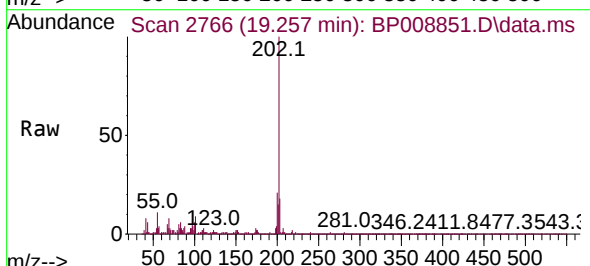
Tgt Ion:202 Resp: 1078352

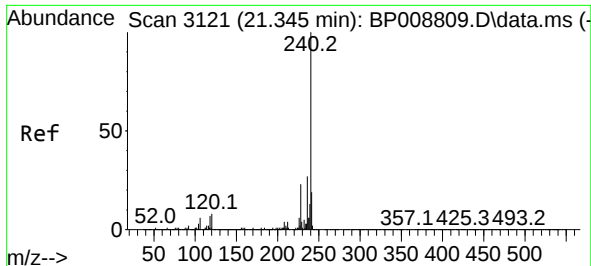
Ion Ratio Lower Upper

202 100

101 8.9 0.0 30.7

203 17.7 0.0 38.9

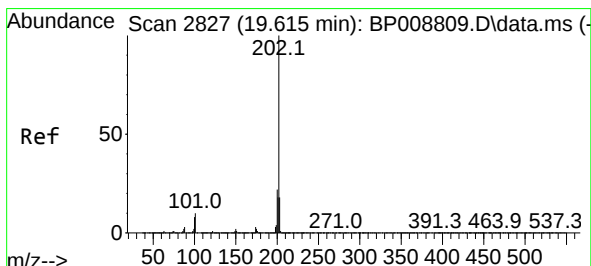
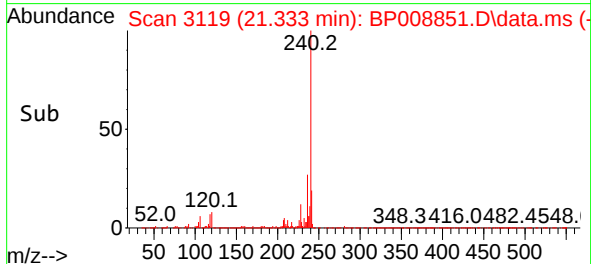
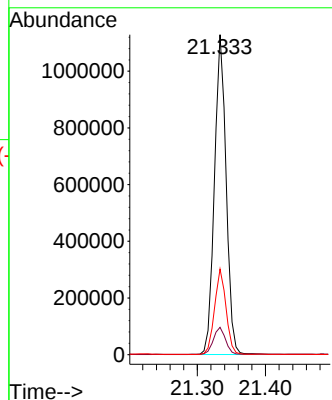
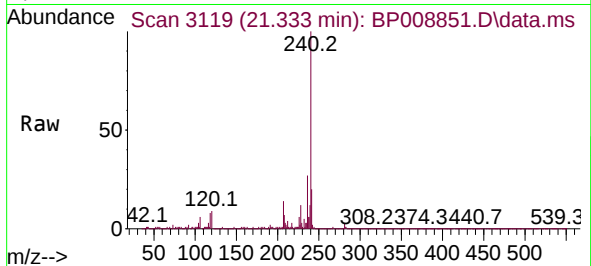




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.012 min
Lab File: BP008851.D
Acq: 19 Jan 2022 13:42

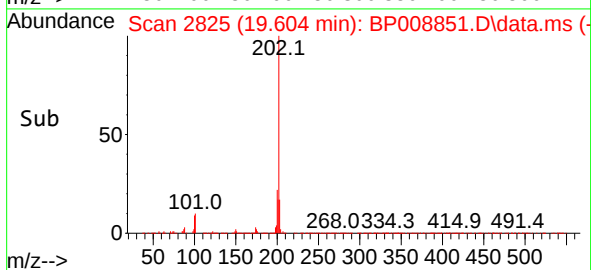
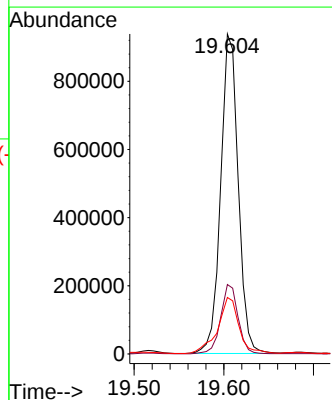
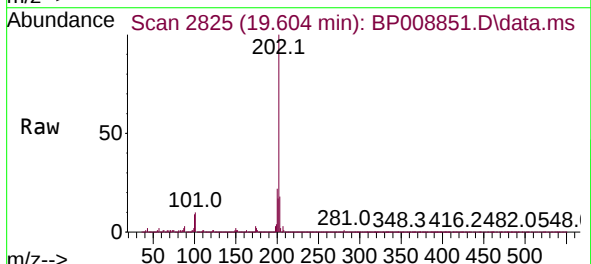
Instrument :
BNA_P
ClientSampleId :
NB-07-011422

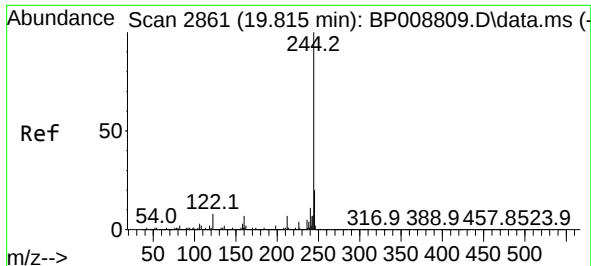
Tgt Ion:240 Resp: 1346480
Ion Ratio Lower Upper
240 100
120 8.6 7.7 11.5
236 26.7 21.2 31.8



#78
Pyrene
Concen: 13.561 ng
RT: 19.604 min Scan# 2825
Delta R.T. -0.012 min
Lab File: BP008851.D
Acq: 19 Jan 2022 13:42

Tgt Ion:202 Resp: 1274091
Ion Ratio Lower Upper
202 100
200 21.7 18.0 27.0
203 17.7 15.0 22.6

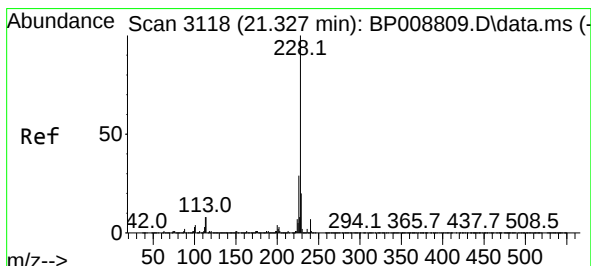
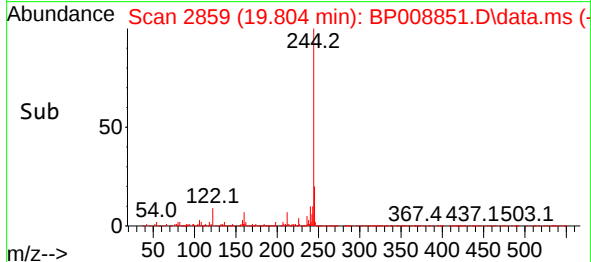
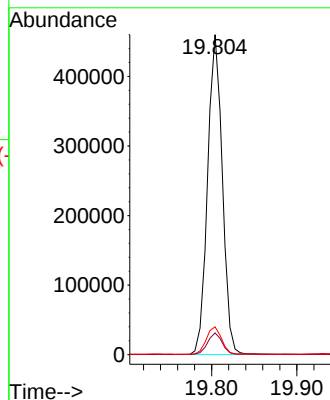
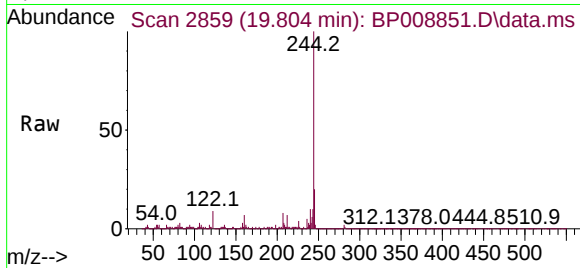




#79
 Terphenyl-d14
 Concen: 6.932 ng
 RT: 19.804 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP008851.D
 Acq: 19 Jan 2022 13:42

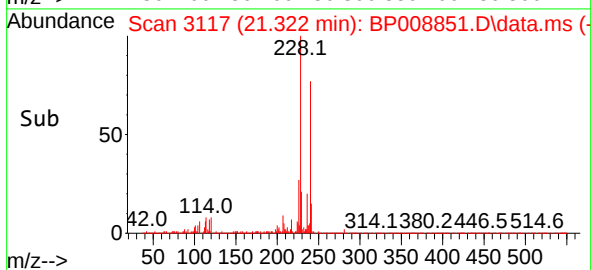
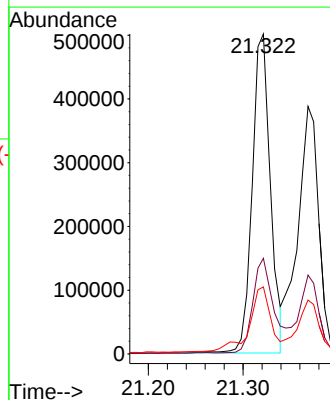
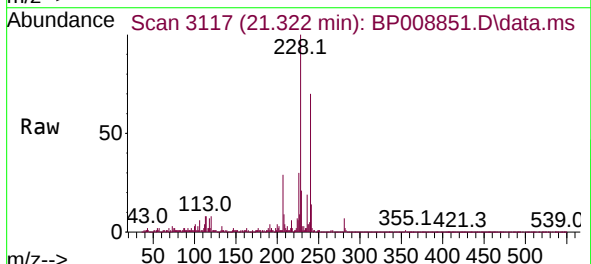
Instrument :
 BNA_P
 ClientSampleId :
 NB-07-011422

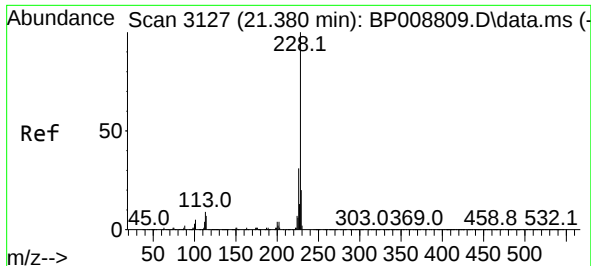
Tgt Ion:244 Resp: 552976
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.5 9.7
 122 8.7 9.2 13.8#



#81
 Benzo(a)anthracene
 Concen: 7.388 ng
 RT: 21.322 min Scan# 3117
 Delta R.T. -0.006 min
 Lab File: BP008851.D
 Acq: 19 Jan 2022 13:42

Tgt Ion:228 Resp: 669256
 Ion Ratio Lower Upper
 228 100
 226 29.9 23.3 34.9
 229 21.0 17.0 25.6





#83

Chrysene

Concen: 6.814 ng

RT: 21.369 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP008851.D

Acq: 19 Jan 2022 13:42

Instrument :

BNA_P

ClientSampleId :

NB-07-011422

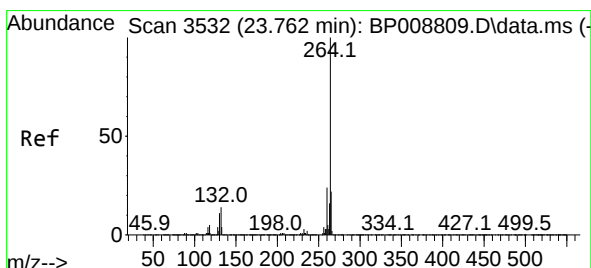
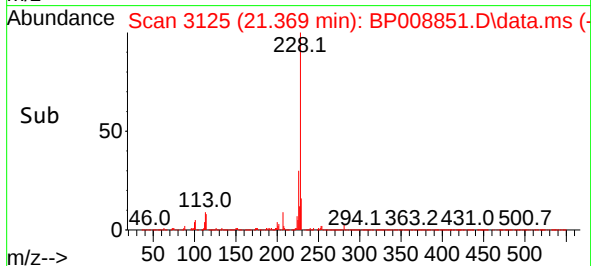
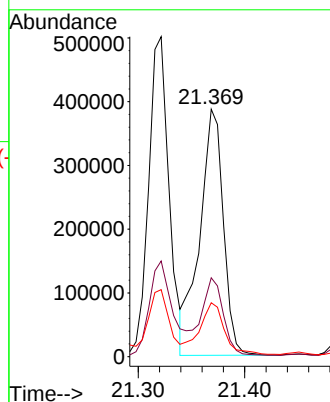
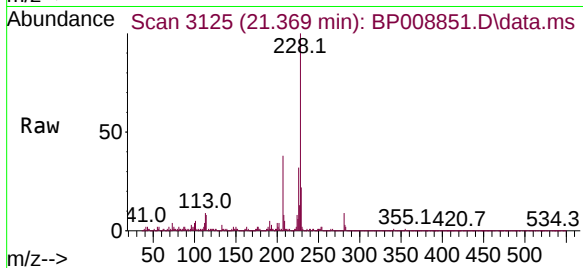
Tgt Ion:228 Resp: 598321

Ion Ratio Lower Upper

228 100

226 31.9 26.0 39.0

229 21.8 16.9 25.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.751 min Scan# 3530

Delta R.T. -0.012 min

Lab File: BP008851.D

Acq: 19 Jan 2022 13:42

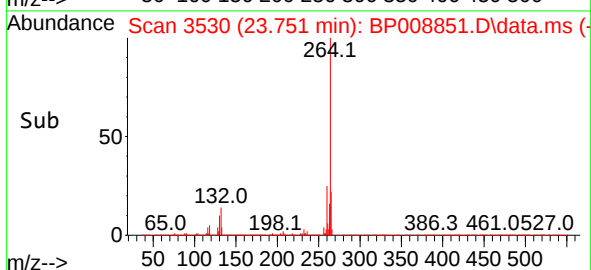
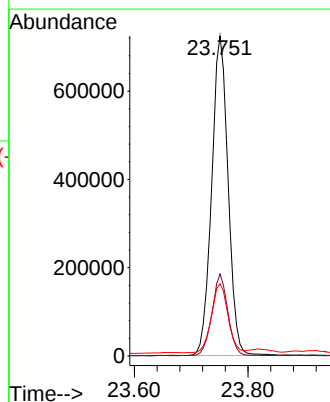
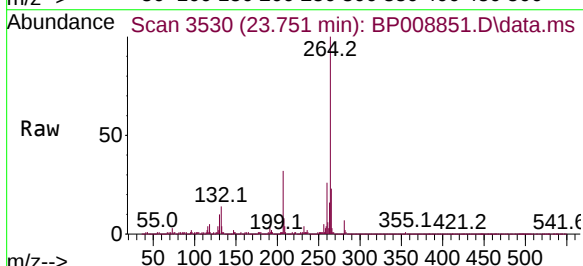
Tgt Ion:264 Resp: 1450444

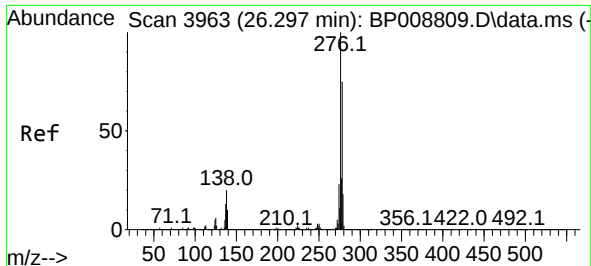
Ion Ratio Lower Upper

264 100

260 25.6 19.1 28.7

265 22.6 17.1 25.7

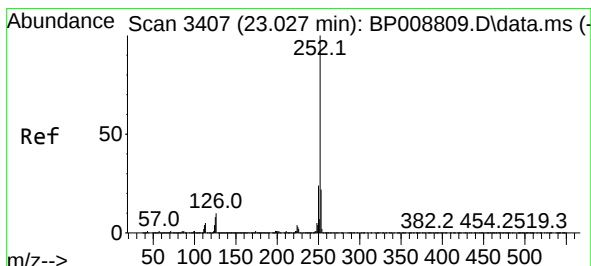
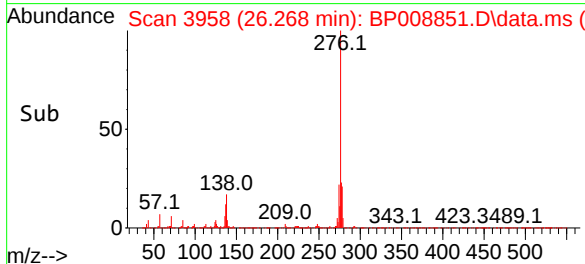
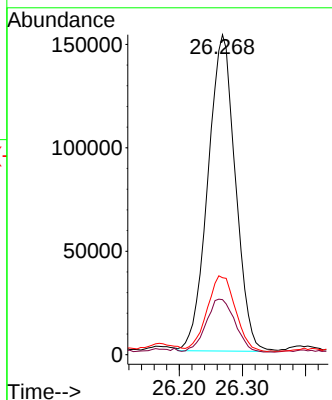
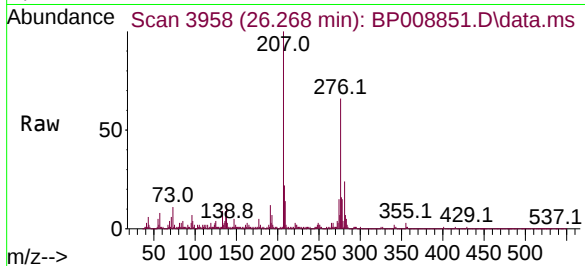




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.867 ng
 RT: 26.268 min Scan# 3958
 Delta R.T. -0.029 min
 Lab File: BP008851.D
 Acq: 19 Jan 2022 13:42

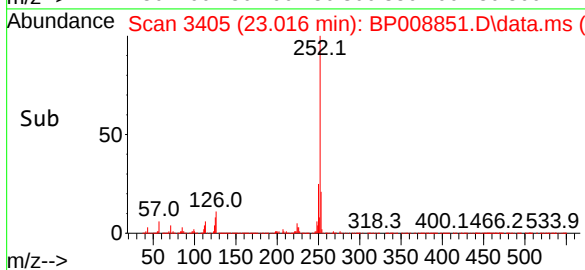
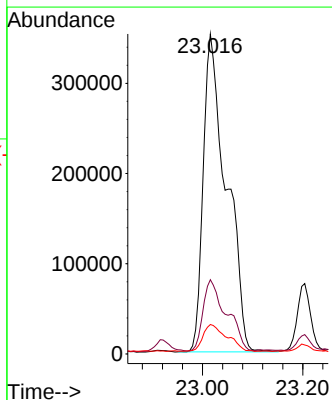
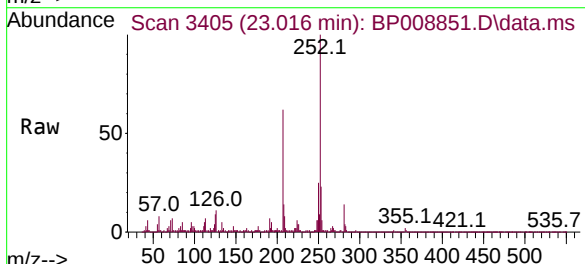
Instrument :
 BNA_P
 ClientSampleId :
 NB-07-011422

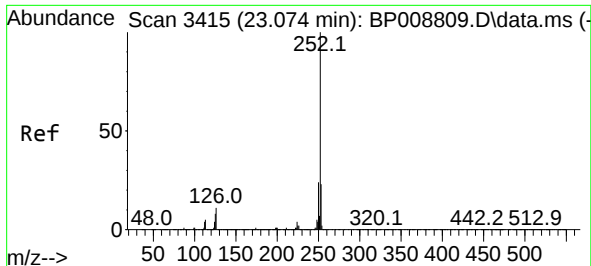
Tgt Ion:276 Resp: 462223
 Ion Ratio Lower Upper
 276 100
 138 17.6 17.8 26.6#
 277 24.7 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 11.670 ng
 RT: 23.016 min Scan# 3405
 Delta R.T. -0.012 min
 Lab File: BP008851.D
 Acq: 19 Jan 2022 13:42

Tgt Ion:252 Resp: 1130393
 Ion Ratio Lower Upper
 252 100
 253 23.2 18.0 27.0
 125 9.2 6.9 10.3

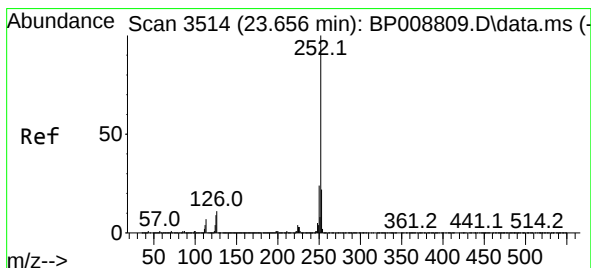
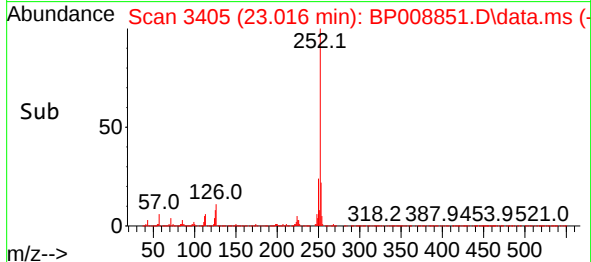
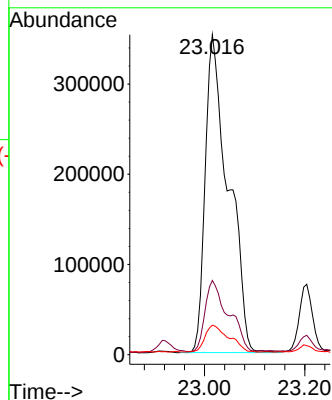
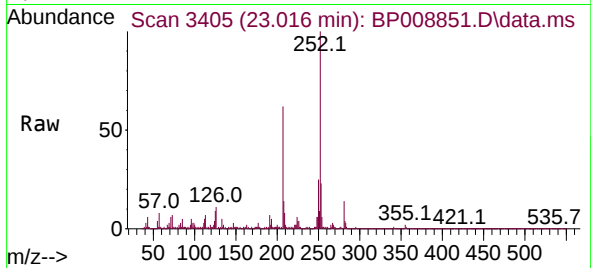




#89
Benzo(k)fluoranthene
Concen: 12.056 ng
RT: 23.016 min Scan# 3415
Delta R.T. -0.059 min
Lab File: BP008851.D
Acq: 19 Jan 2022 13:42

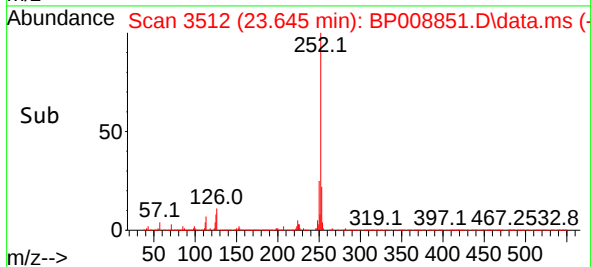
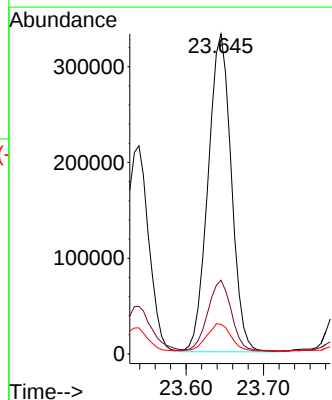
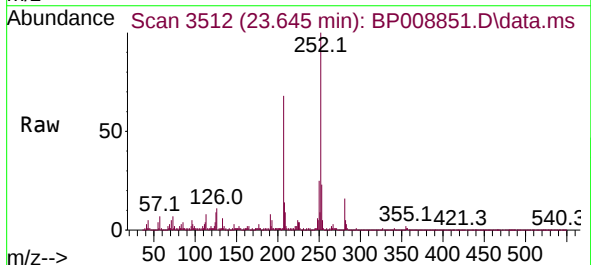
Instrument :
BNA_P
ClientSampleId :
NB-07-011422

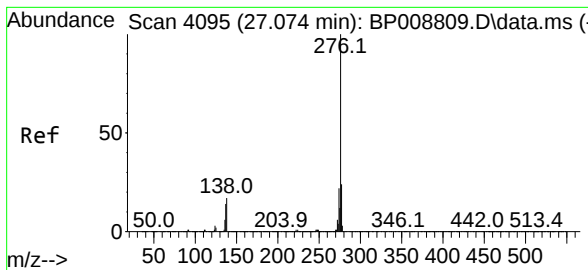
Tgt Ion:252 Resp: 1130393
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.2
125 9.2 7.3 10.9



#90
Benzo(a)pyrene
Concen: 7.408 ng
RT: 23.645 min Scan# 3512
Delta R.T. -0.012 min
Lab File: BP008851.D
Acq: 19 Jan 2022 13:42

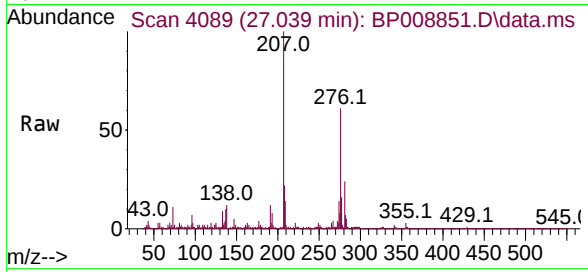
Tgt Ion:252 Resp: 692641
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 9.3 7.8 11.6





#92
 Benzo(g,h,i)perylene
 Concen: 4.903 ng
 RT: 27.039 min Scan# 4095
 Delta R.T. -0.035 min
 Lab File: BP008851.D
 Acq: 19 Jan 2022 13:42

Instrument :
 BNA_P
 ClientSampleId :
 NB-07-011422



Tgt Ion:276 Resp: 486485

Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.2	28.8
138	19.0	15.0	22.4

