

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021722\
 Data File : BP009207.D
 Acq On : 17 Feb 2022 21:47
 Operator : CG/JU
 Sample : N1561-05 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-2-COMP

Quant Time: Feb 18 01:56:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:30:24 2022
 Response via : Initial Calibration

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

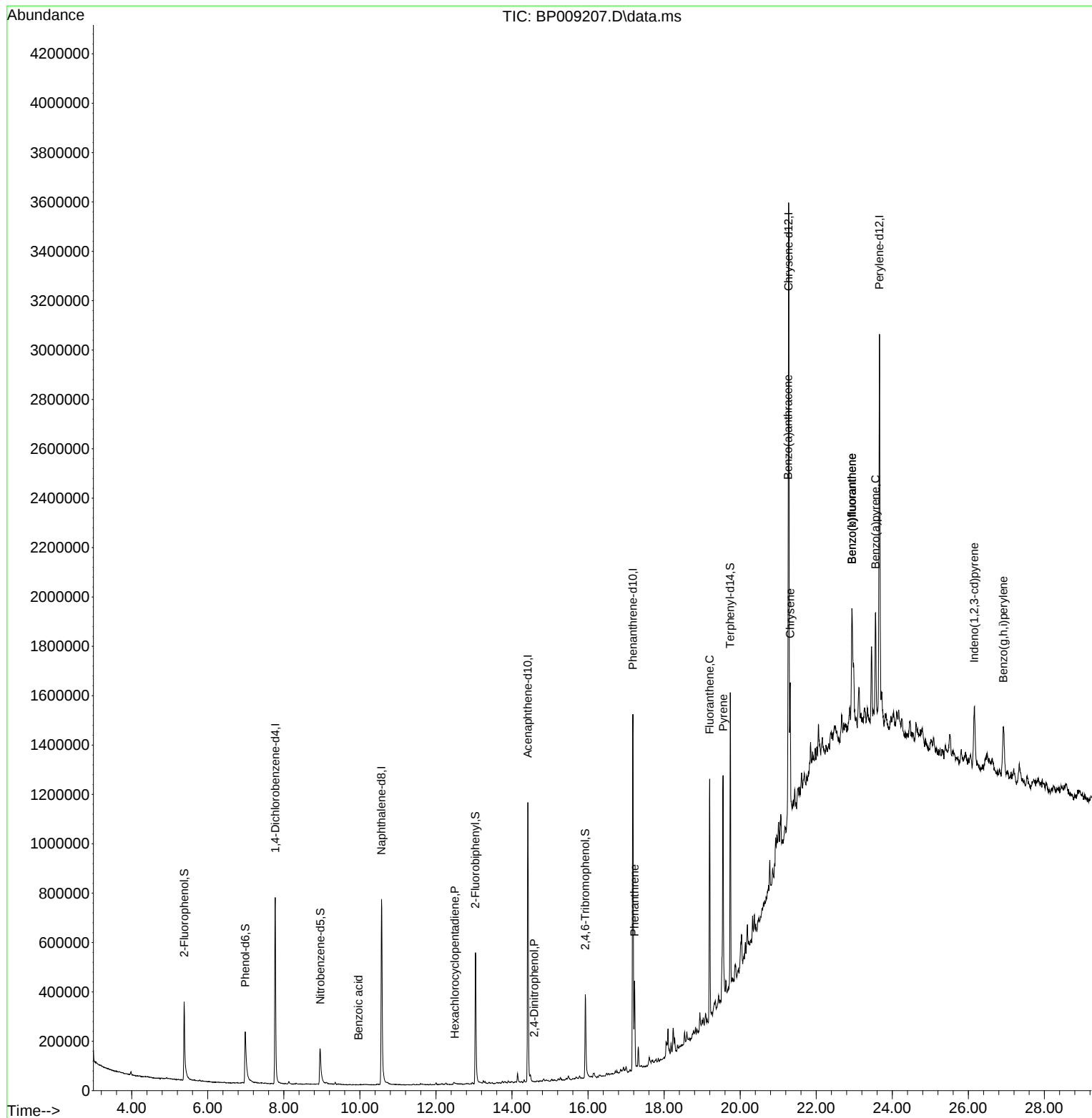
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	251285	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	805074	20.000	ng	-0.01
39) Acenaphthene-d10	14.416	164	457558	20.000	ng	-0.01
64) Phenanthrene-d10	17.181	188	1010019	20.000	ng	0.00
76) Chrysene-d12	21.274	240	1171640	20.000	ng	-0.01
86) Perylene-d12	23.663	264	1258978	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	226501	16.079	ng	0.00
7) Phenol-d6	6.987	99	249178	13.424	ng	0.01
23) Nitrobenzene-d5	8.957	82	154061	10.792	ng	0.01
42) 2,4,6-Tribromophenol	15.928	330	94245	15.427	ng	0.00
45) 2-Fluorobiphenyl	13.040	172	361794	11.069	ng	-0.01
79) Terphenyl-d14	19.739	244	592928	9.101	ng	-0.01
Target Compounds						Qvalue
32) Benzoic acid	9.963	122	15	2.691	ng	# 1
41) Hexachlorocyclopentadiene	12.493	237	26	8.660	ng	79
54) 2,4-Dinitrophenol	14.581	184	9	2.169	ng	# 1
71) Phenanthrene	17.222	178	252963	4.625	ng	99
75) Fluoranthene	19.198	202	629504	10.270	ng	97
78) Pyrene	19.551	202	616987	7.403	ng	97
81) Benzo(a)anthracene	21.263	228	372403	4.932	ng	98
83) Chrysene	21.316	228	325242	4.468	ng	97
87) Indeno(1,2,3-cd)pyrene	26.157	276	271462	2.902	ng	# 94
88) Benzo(b)fluoranthene	22.939	252	502864	6.488	ng	# 95
89) Benzo(k)fluoranthene	22.939	252	502864	6.503	ng	96
90) Benzo(a)pyrene	23.557	252	359716	5.567	ng	96
92) Benzo(g,h,i)perylene	26.921	276	314127	4.104	ng	97

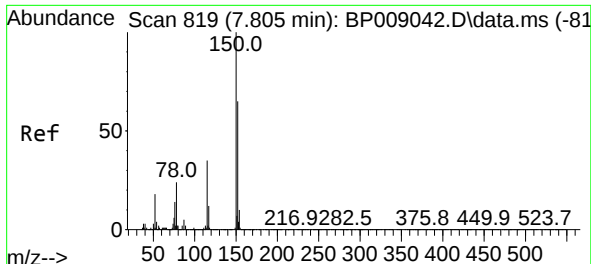
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 16 14:30:24 2022
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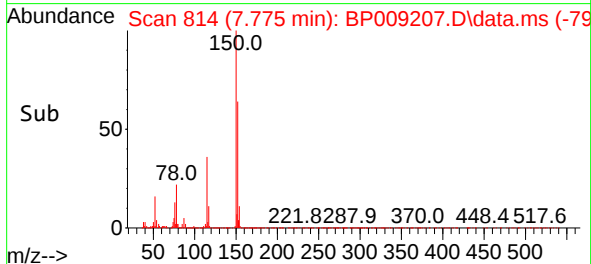
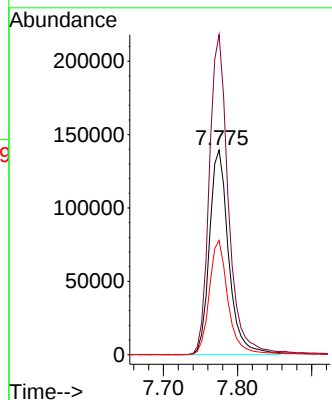
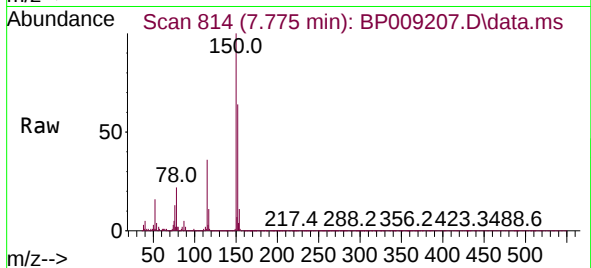




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP009207.D
Acq: 17 Feb 2022 21:47

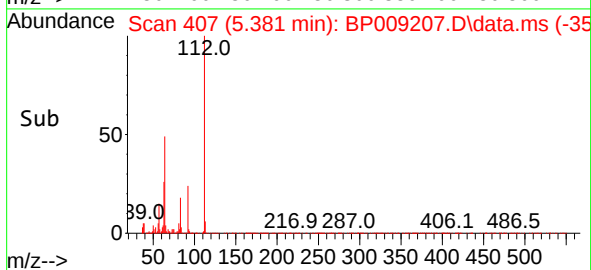
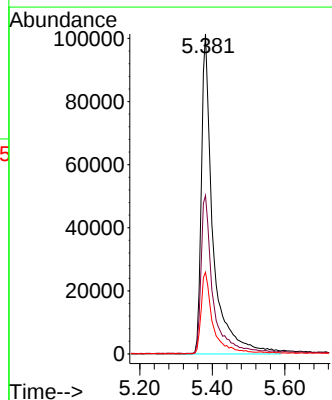
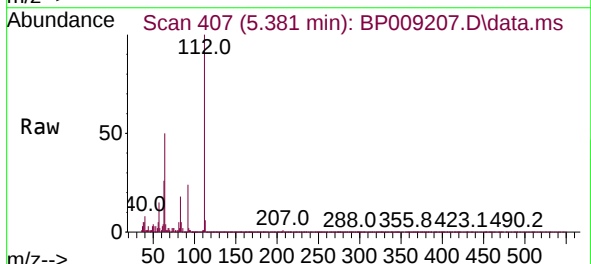
Instrument :
BNA_P
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TP-2-COMP

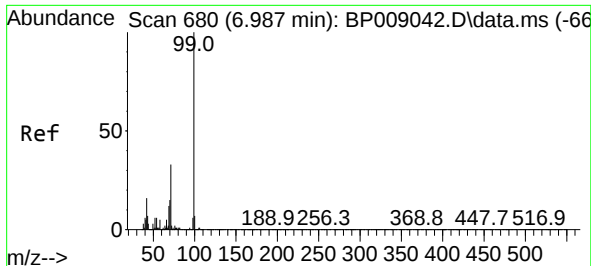
Tgt Ion:152 Resp: 251285
Ion Ratio Lower Upper
152 100
150 156.4 127.0 190.6
115 55.9 43.7 65.5



#5
2-Fluorophenol
Concen: 16.079 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.000 min
Lab File: BP009207.D
Acq: 17 Feb 2022 21:47

Tgt Ion:112 Resp: 226501
Ion Ratio Lower Upper
112 100
64 49.5 39.7 59.5
63 25.6 20.0 30.0

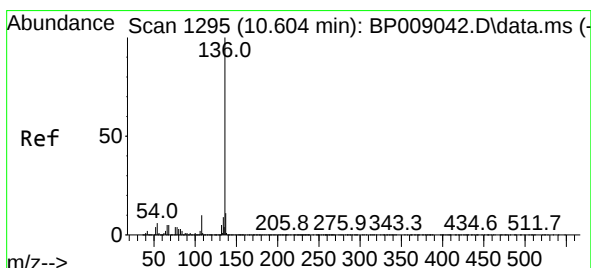
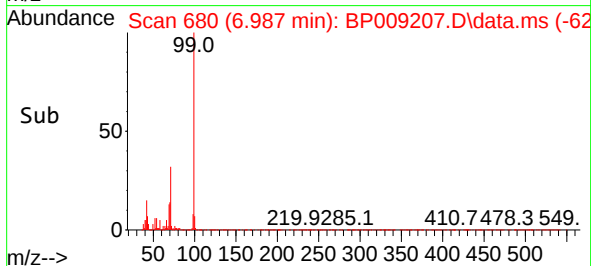
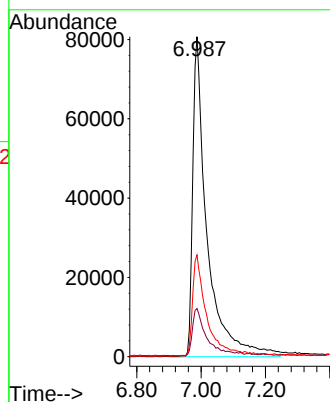
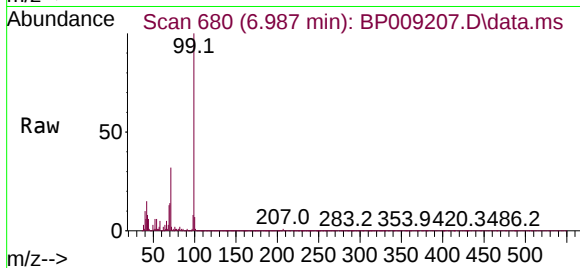




#7
Phenol-d6
Concen: 13.424 ng
RT: 6.987 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP009207.D
Acq: 17 Feb 2022 21:47

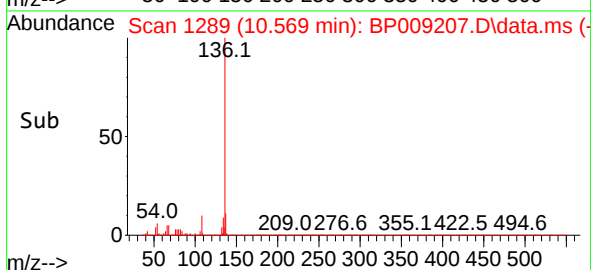
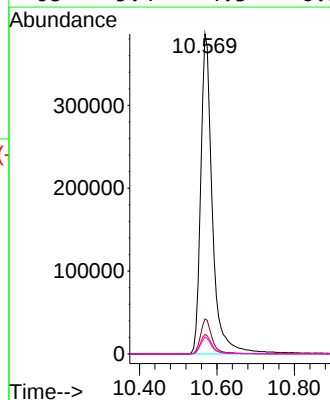
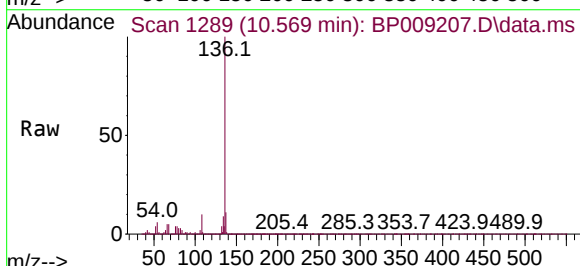
Instrument :
BNA_P
ClientSampleId :
TP-2-COMP

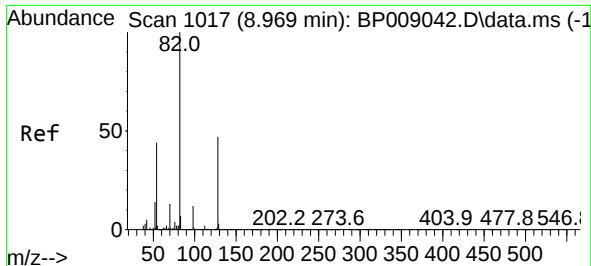
Tgt Ion: 99 Resp: 249178
Ion Ratio Lower Upper
99 100
42 15.0 10.8 16.2
71 31.8 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BP009207.D
Acq: 17 Feb 2022 21:47

Tgt Ion: 136 Resp: 805074
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.1 4.9 7.3
68 5.4 4.3 6.5

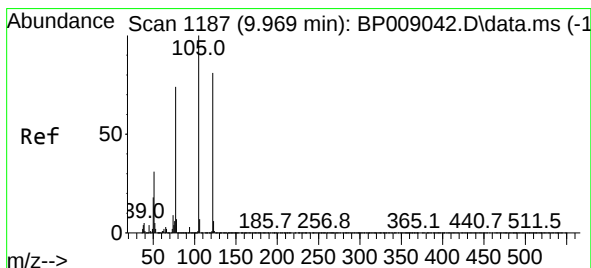
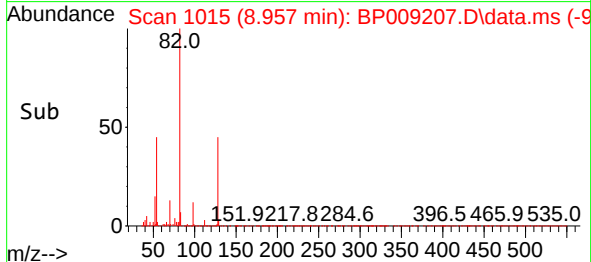
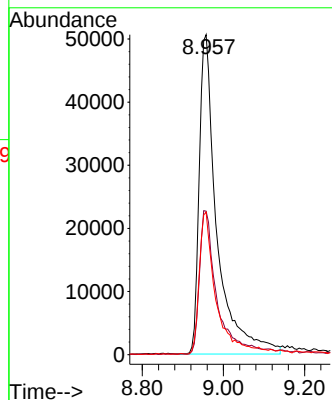
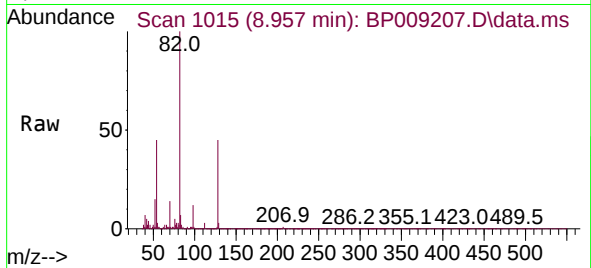




#23
Nitrobenzene-d5
Concen: 10.792 ng
RT: 8.957 min Scan# 1015
Delta R.T. 0.012 min
Lab File: BP009207.D
Acq: 17 Feb 2022 21:47

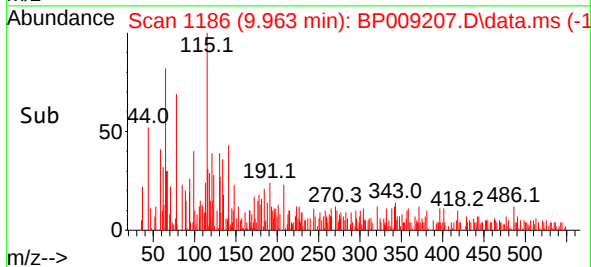
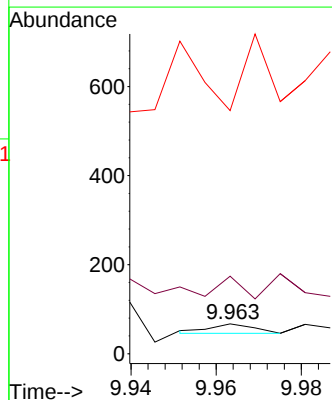
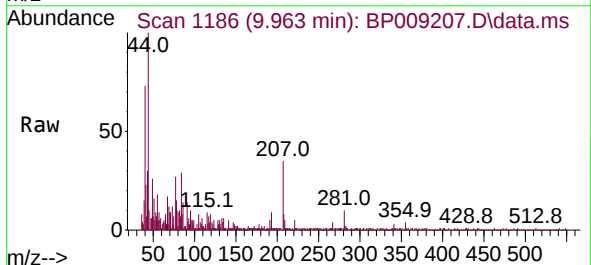
Instrument :
BNA_P
ClientSampleId :
TP-2-COMP

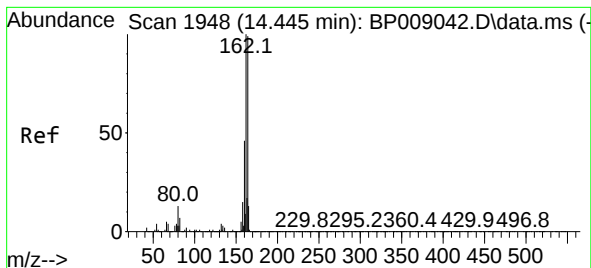
Tgt Ion: 82 Resp: 154061
Ion Ratio Lower Upper
82 100
128 44.9 39.4 59.2
54 44.6 32.6 48.8



#32
Benzoic acid
Concen: 2.691 ng
RT: 9.963 min Scan# 1186
Delta R.T. -0.029 min
Lab File: BP009207.D
Acq: 17 Feb 2022 21:47

Tgt Ion:122 Resp: 15
Ion Ratio Lower Upper
122 100
105 259.7 100.1 140.1#
77 814.9 65.5 105.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.416 min Scan# 1948

Delta R.T. -0.012 min

Lab File: BP009207.D

Acq: 17 Feb 2022 21:47

Instrument :

BNA_P

ClientSampleId :

TP-2-COMP

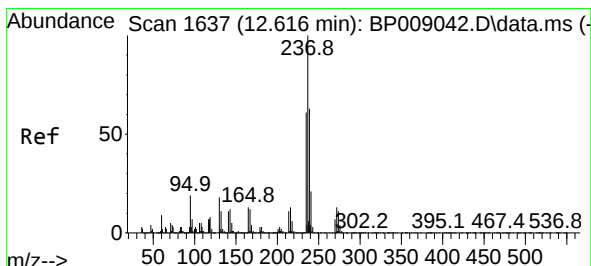
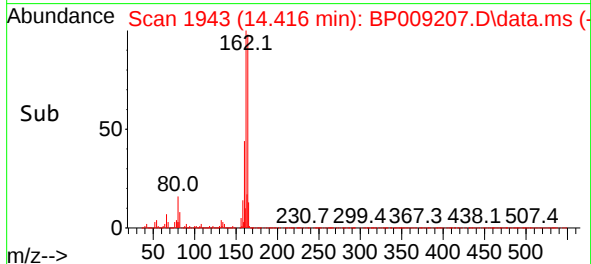
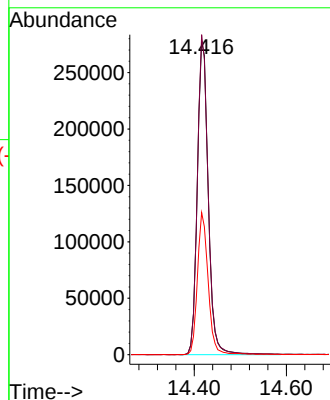
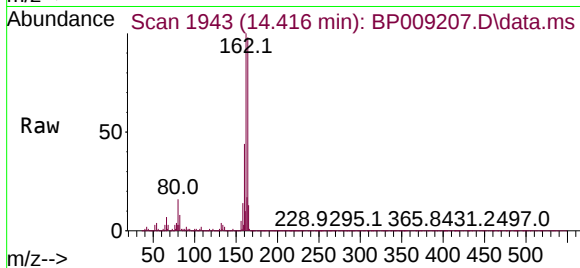
Tgt Ion:164 Resp: 457558

Ion Ratio Lower Upper

164 100

162 102.2 79.9 119.9

160 45.4 35.5 53.3



#41

Hexachlorocyclopentadiene

Concen: 8.660 ng

RT: 12.493 min Scan# 1616

Delta R.T. -0.100 min

Lab File: BP009207.D

Acq: 17 Feb 2022 21:47

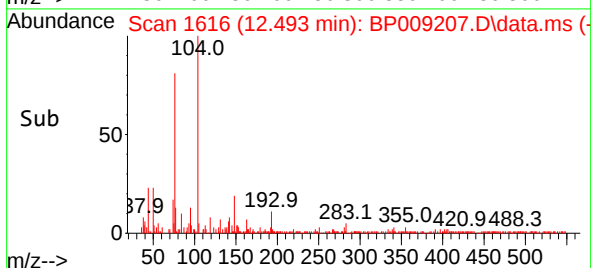
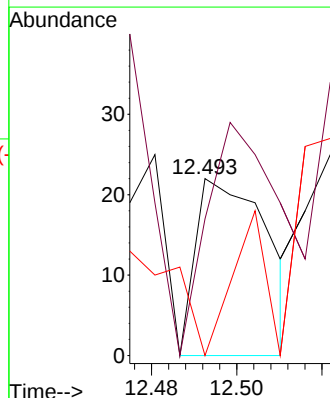
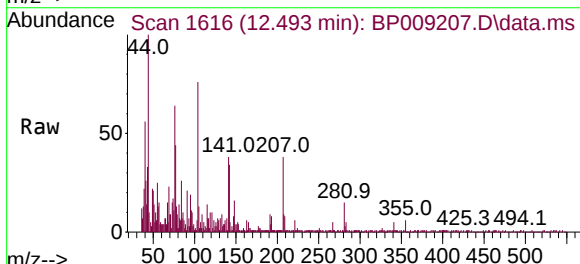
Tgt Ion:237 Resp: 26

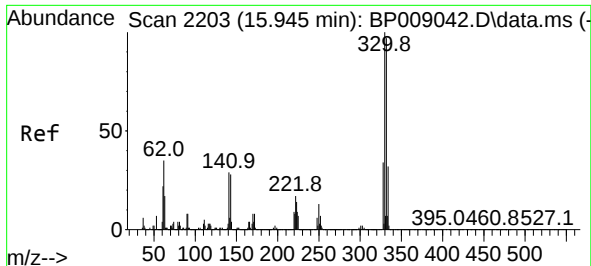
Ion Ratio Lower Upper

237 100

235 77.3 42.9 82.9

272 0.0 0.0 33.8

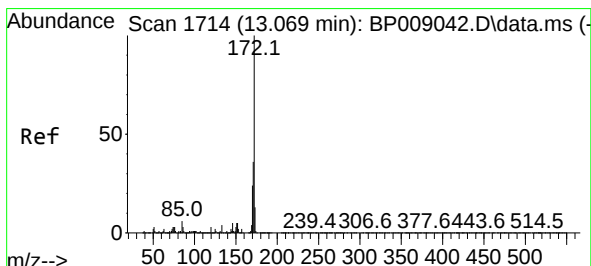
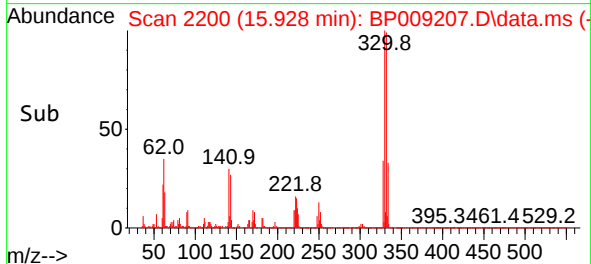
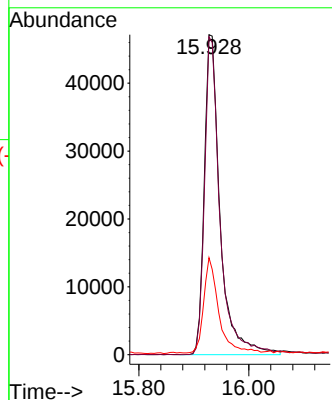
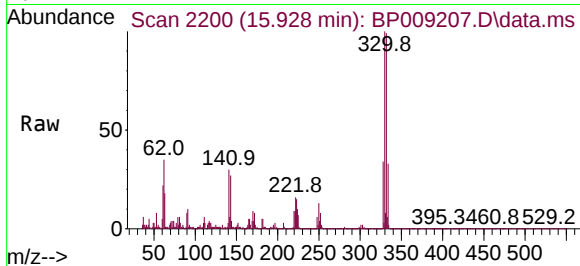




#42
2,4,6-Tribromophenol
Concen: 15.427 ng
RT: 15.928 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009207.D
Acq: 17 Feb 2022 21:47

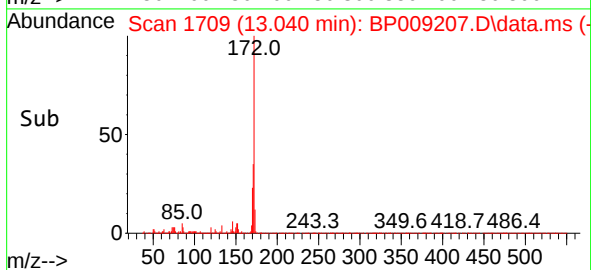
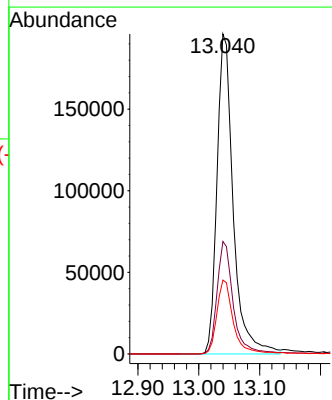
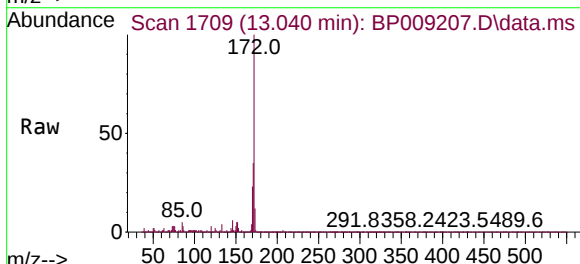
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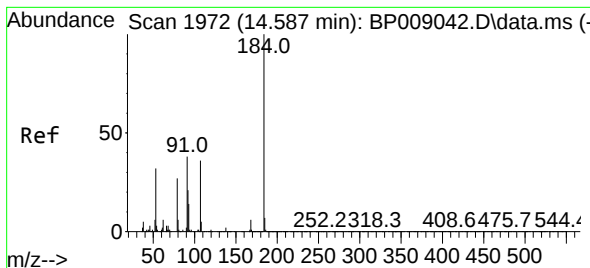
Tgt Ion:330 Resp: 94245
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 28.0 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 11.069 ng
RT: 13.040 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BP009207.D
Acq: 17 Feb 2022 21:47

Tgt Ion:172 Resp: 361794
Ion Ratio Lower Upper
172 100
171 35.2 29.3 43.9
170 23.1 19.5 29.3

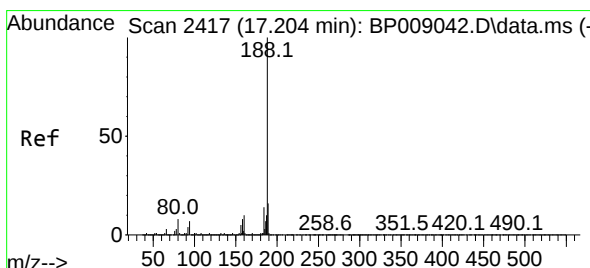
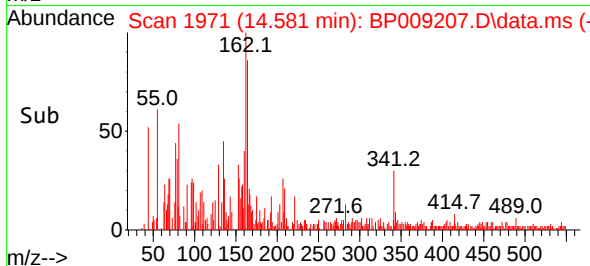
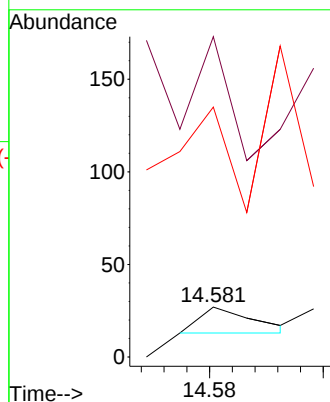
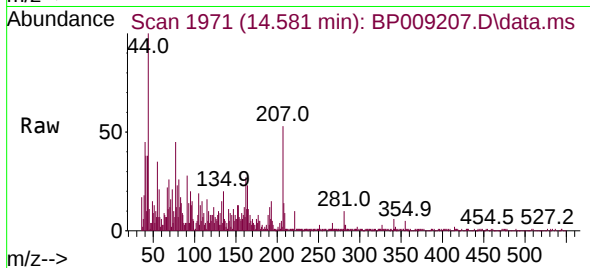




#54
2,4-Dinitrophenol
Concen: 2.169 ng
RT: 14.581 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP009207.D
Acq: 17 Feb 2022 21:47

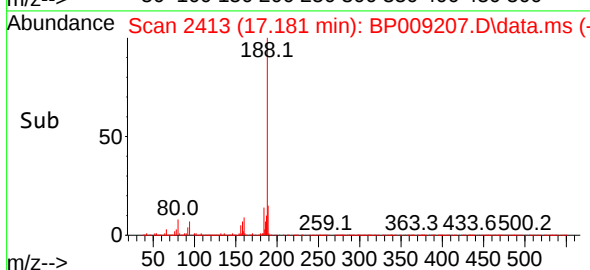
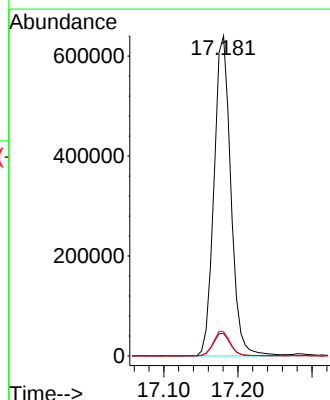
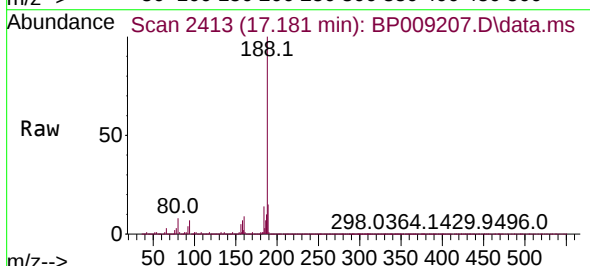
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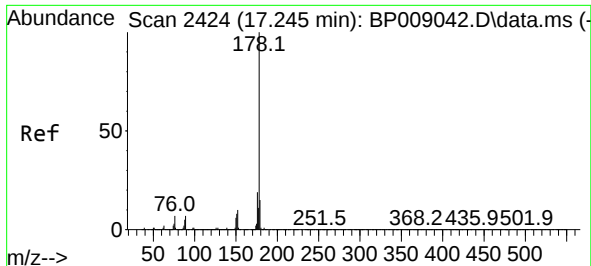
Tgt Ion:184 Resp: 9
Ion Ratio Lower Upper
184 100
63 640.7 35.6 53.4#
154 500.0 43.4 65.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.181 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP009207.D
Acq: 17 Feb 2022 21:47

Tgt Ion:188 Resp: 1010019
Ion Ratio Lower Upper
188 100
94 7.0 6.8 10.2
80 7.6 7.2 10.8

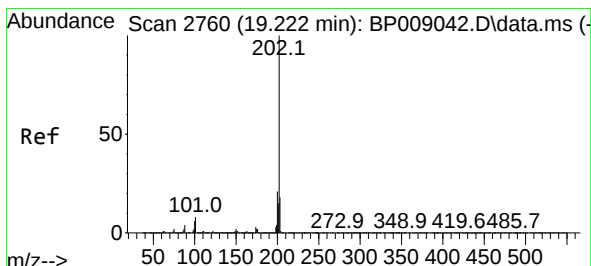
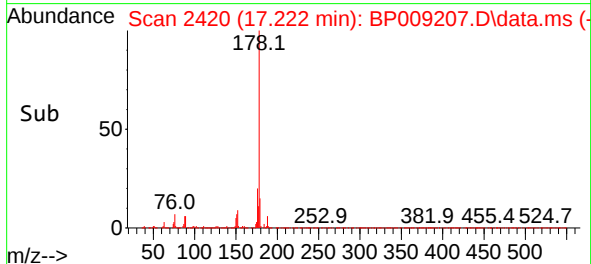
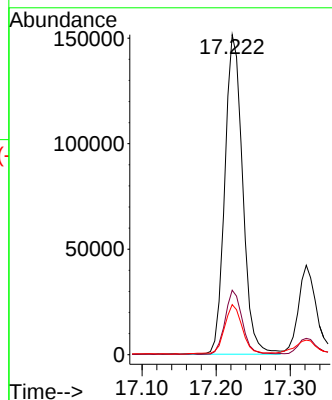
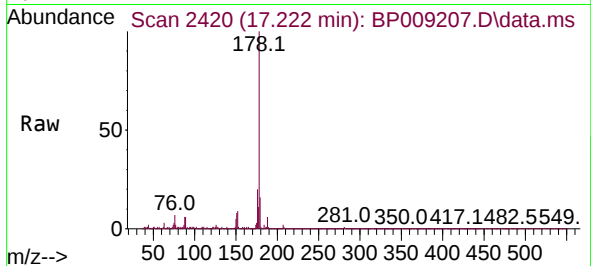




#71
Phenanthrene
Concen: 4.625 ng
RT: 17.222 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP009207.D
Acq: 17 Feb 2022 21:47

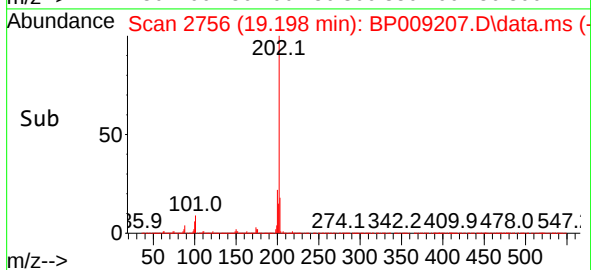
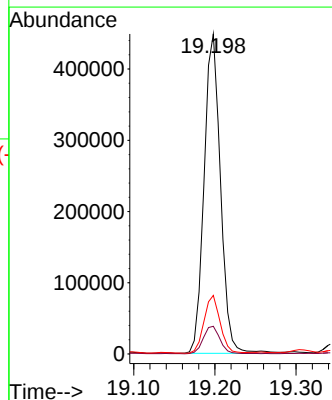
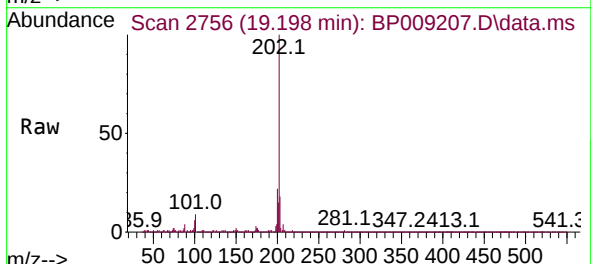
Instrument :
BNA_P
ClientSampleId :
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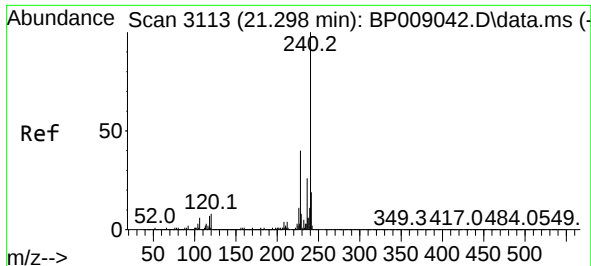
Tgt Ion:178 Resp: 252963
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 15.6 13.0 19.4



#75
Fluoranthene
Concen: 10.270 ng
RT: 19.198 min Scan# 2756
Delta R.T. -0.006 min
Lab File: BP009207.D
Acq: 17 Feb 2022 21:47

Tgt Ion:202 Resp: 629504
Ion Ratio Lower Upper
202 100
101 8.7 0.0 30.7
203 18.3 0.0 38.9

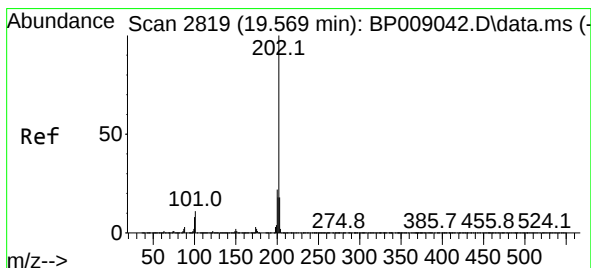
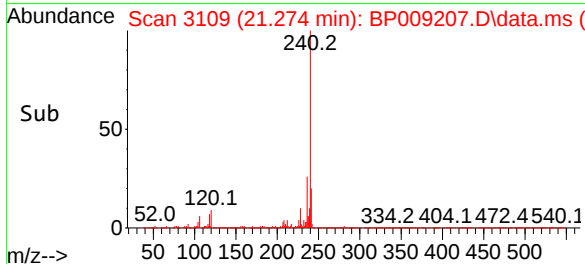
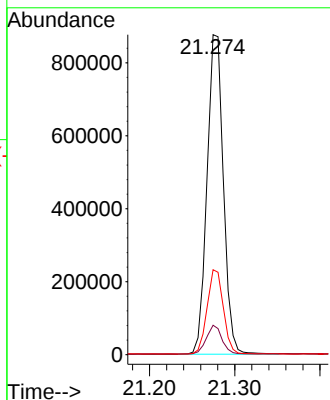
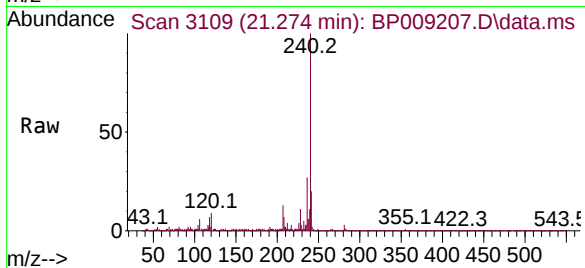




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.274 min Scan# 3113
Delta R.T. -0.012 min
Lab File: BP009207.D
Acq: 17 Feb 2022 21:47

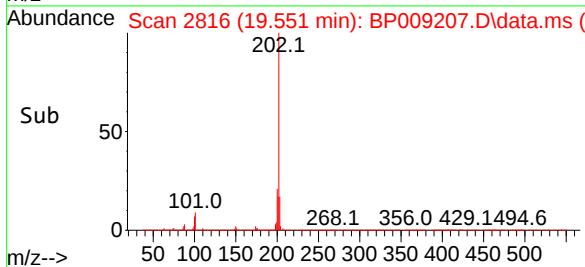
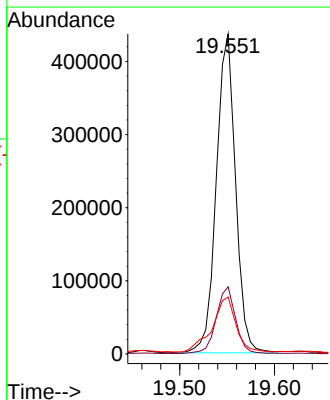
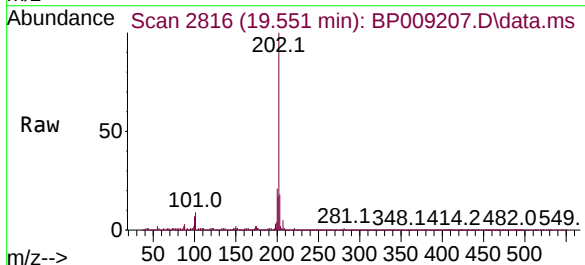
Instrument :
BNA_P
ClientSampleId :
TP-2-COMP

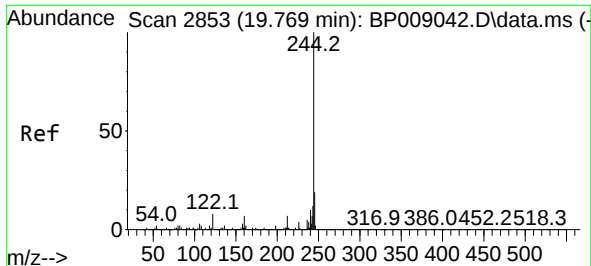
Tgt Ion:240 Resp: 1171640
Ion Ratio Lower Upper
240 100
120 9.2 7.7 11.5
236 26.6 21.2 31.8



#78
Pyrene
Concen: 7.403 ng
RT: 19.551 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BP009207.D
Acq: 17 Feb 2022 21:47

Tgt Ion:202 Resp: 616987
Ion Ratio Lower Upper
202 100
200 21.0 18.0 27.0
203 17.8 15.0 22.6

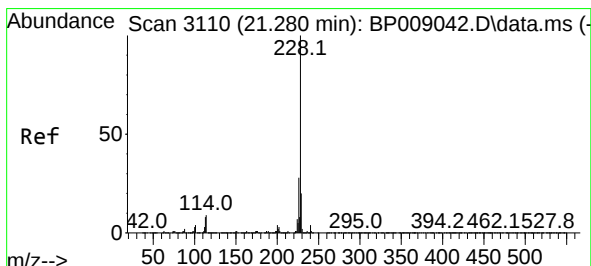
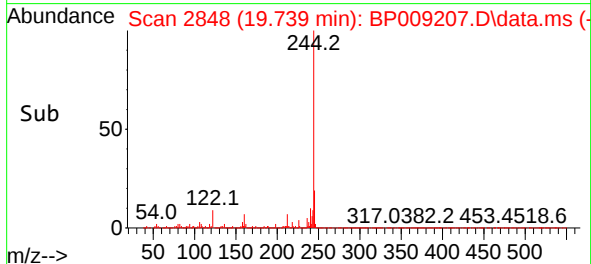
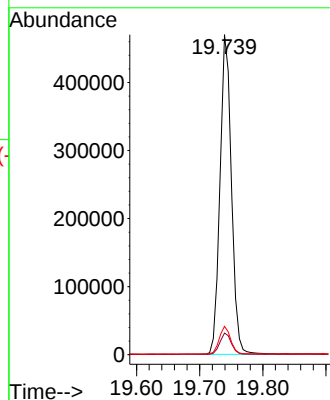
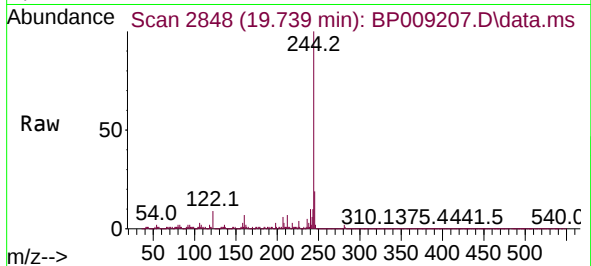




#79
 Terphenyl-d14
 Concen: 9.101 ng
 RT: 19.739 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP009207.D
 Acq: 17 Feb 2022 21:47

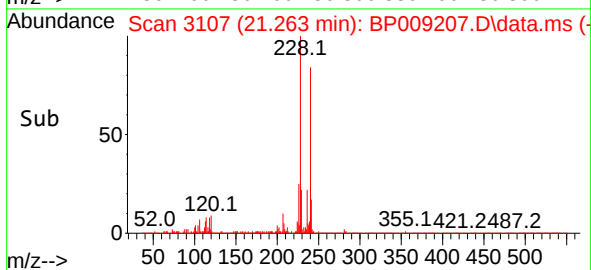
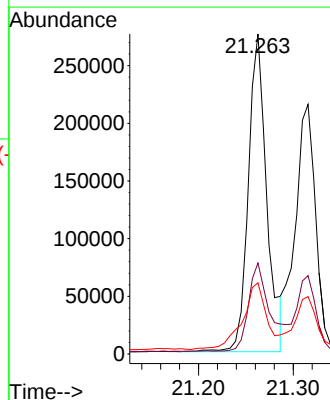
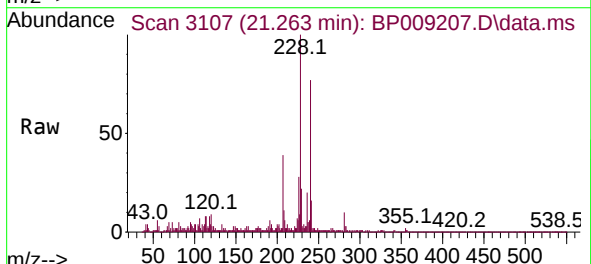
Instrument :
 BNA_P
 ClientSampleId :
 TP-2-COMP

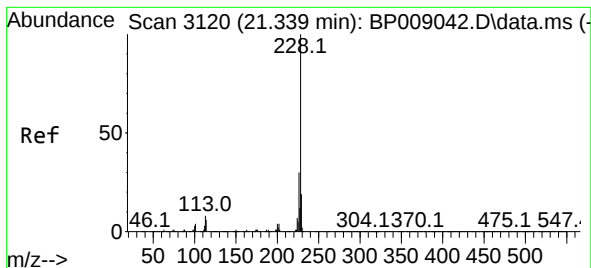
Tgt Ion:244 Resp: 592928
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.5 9.7
 122 8.9 9.2 13.8#



#81
 Benzo(a)anthracene
 Concen: 4.932 ng
 RT: 21.263 min Scan# 3107
 Delta R.T. -0.006 min
 Lab File: BP009207.D
 Acq: 17 Feb 2022 21:47

Tgt Ion:228 Resp: 372403
 Ion Ratio Lower Upper
 228 100
 226 28.5 23.3 34.9
 229 22.2 17.0 25.6





#83

Chrysene

Concen: 4.468 ng

RT: 21.316 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BP009207.D

Acq: 17 Feb 2022 21:47

Instrument :

BNA_P

ClientSampleId :

TP-2-COMP

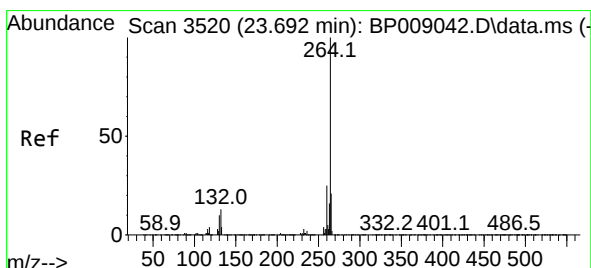
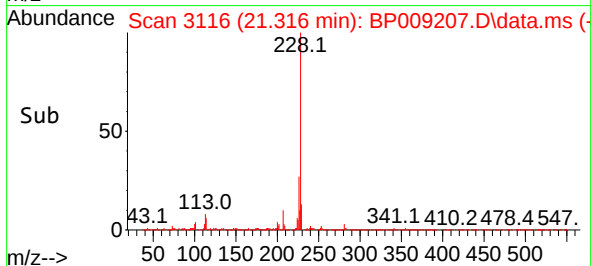
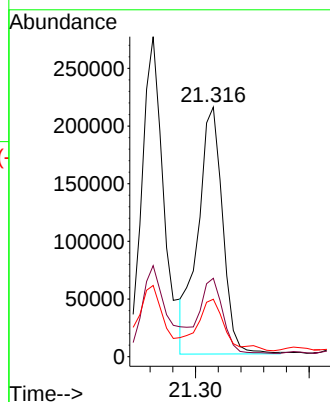
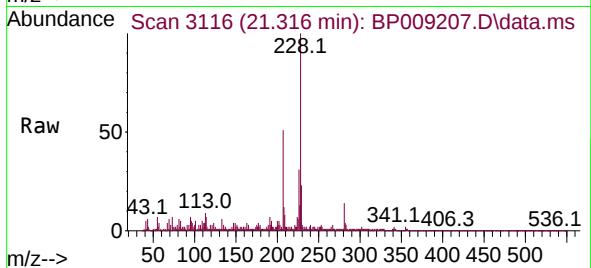
Tgt Ion:228 Resp: 325242

Ion Ratio Lower Upper

228 100

226 31.4 26.0 39.0

229 23.0 16.9 25.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.663 min Scan# 3515

Delta R.T. -0.012 min

Lab File: BP009207.D

Acq: 17 Feb 2022 21:47

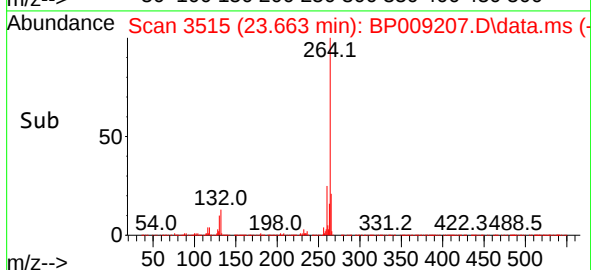
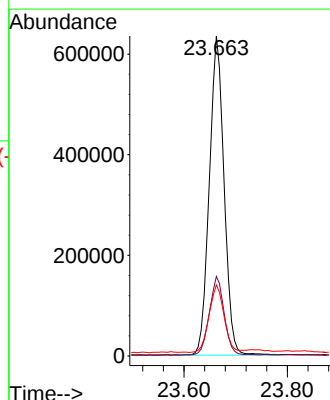
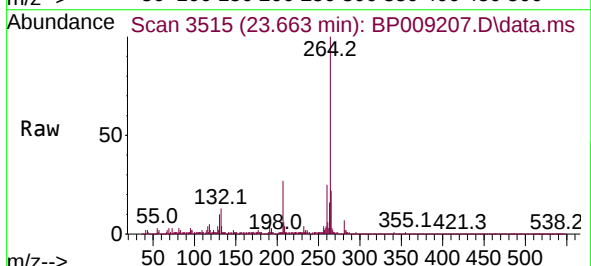
Tgt Ion:264 Resp: 1258978

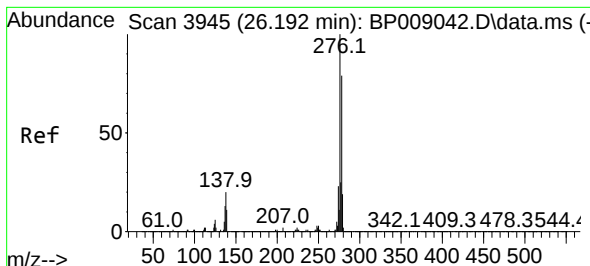
Ion Ratio Lower Upper

264 100

260 24.9 19.1 28.7

265 22.2 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.902 ng

RT: 26.157 min Scan# 3945

Delta R.T. -0.012 min

Lab File: BP009207.D

Acq: 17 Feb 2022 21:47

Instrument :

BNA_P

ClientSampleId :

TP-2-COMP

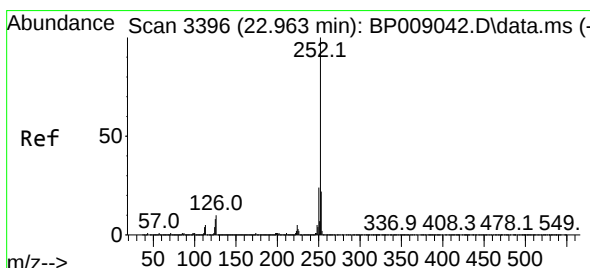
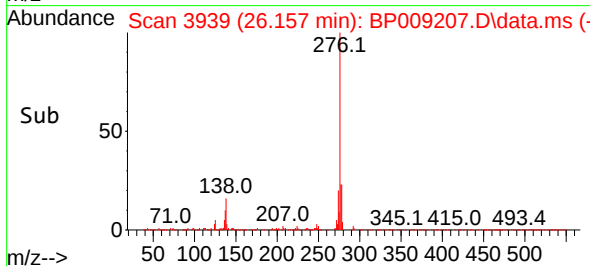
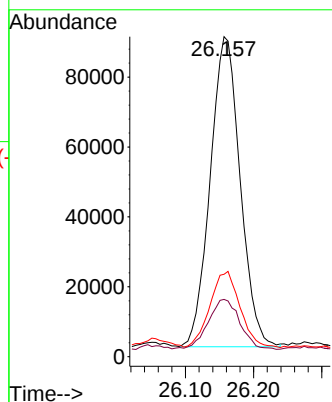
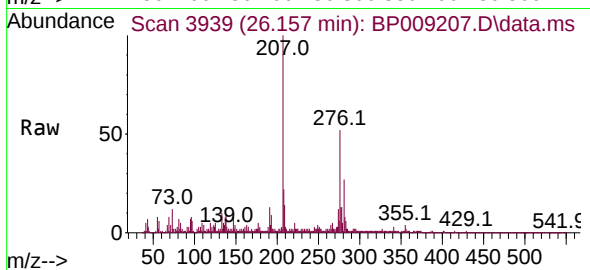
Tgt Ion:276 Resp: 271462

Ion Ratio Lower Upper

276 100

138 16.9 17.8 26.6#

277 24.6 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 6.488 ng

RT: 22.939 min Scan# 3392

Delta R.T. -0.006 min

Lab File: BP009207.D

Acq: 17 Feb 2022 21:47

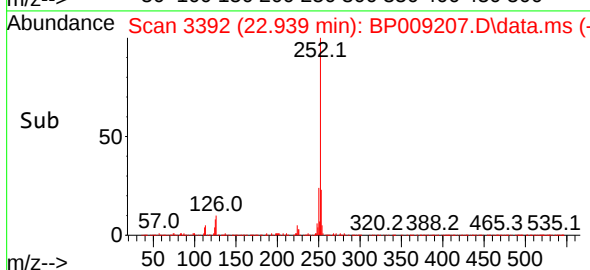
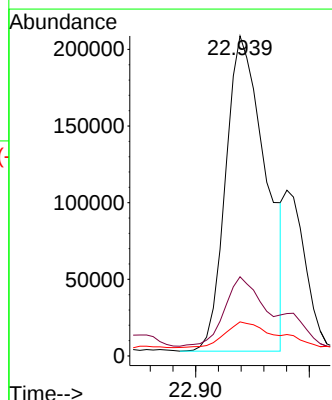
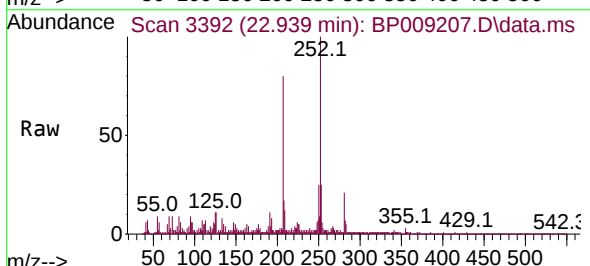
Tgt Ion:252 Resp: 502864

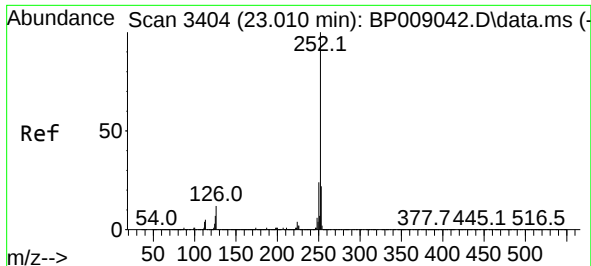
Ion Ratio Lower Upper

252 100

253 24.7 18.0 27.0

125 10.6 6.9 10.3#

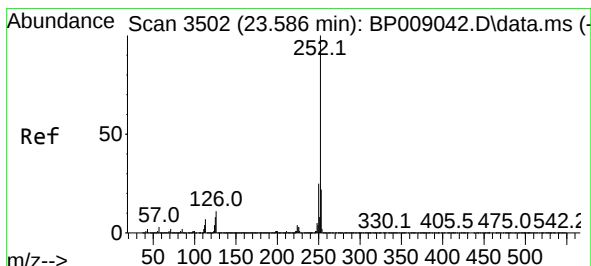
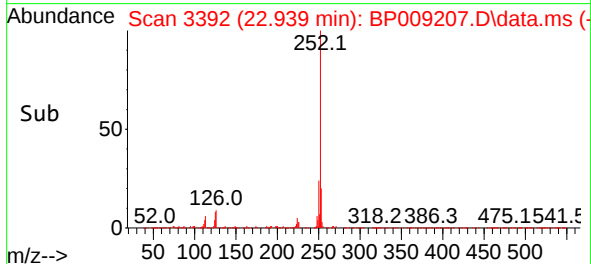
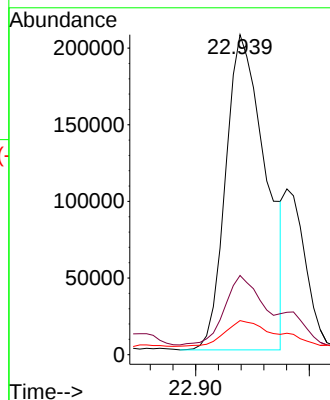
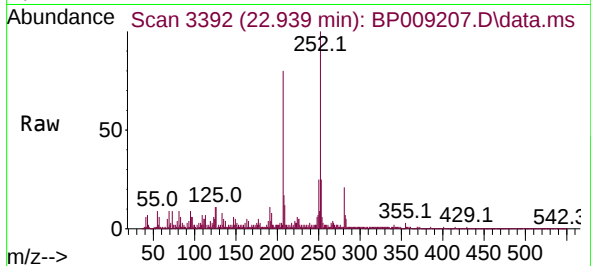




#89
Benzo(k)fluoranthene
Concen: 6.503 ng
RT: 22.939 min Scan# 31
Delta R.T. -0.053 min
Lab File: BP009207.D
Acq: 17 Feb 2022 21:47

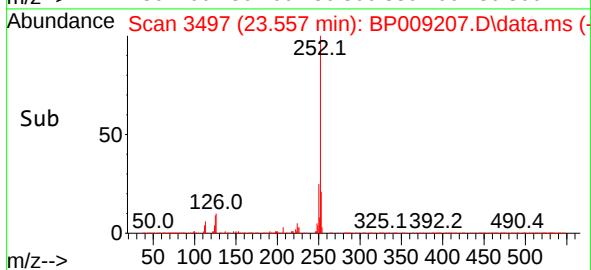
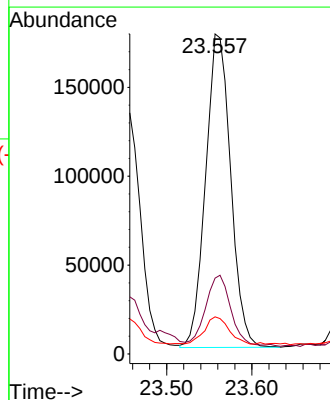
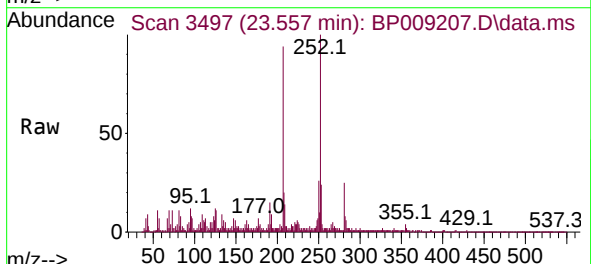
Instrument :
BNA_P
ClientSampleId :
TP-2-COMP

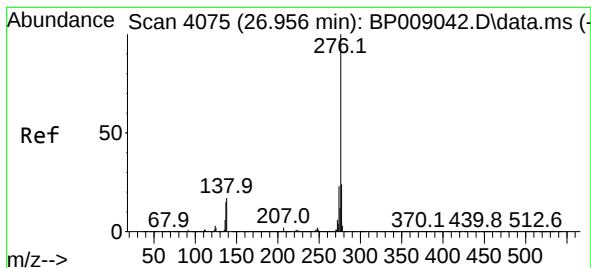
Tgt Ion:252 Resp: 502864
Ion Ratio Lower Upper
252 100
253 24.7 18.2 27.2
125 10.6 7.3 10.9



#90
Benzo(a)pyrene
Concen: 5.567 ng
RT: 23.557 min Scan# 3497
Delta R.T. -0.012 min
Lab File: BP009207.D
Acq: 17 Feb 2022 21:47

Tgt Ion:252 Resp: 359716
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 11.6 7.8 11.6





#92

Benzo(g,h,i)perylene

Concen: 4.104 ng

RT: 26.921 min Scan# 4069

Delta R.T. -0.012 min

Lab File: BP009207.D

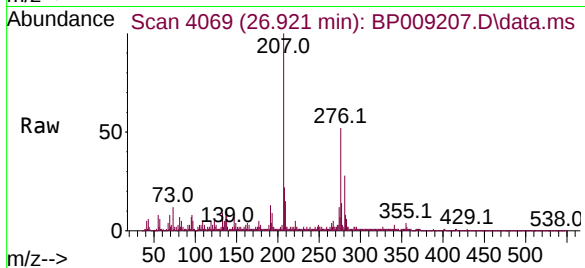
Acq: 17 Feb 2022 21:47

Instrument :

BNA_P

ClientSampleId :

TP-2-COMP



Tgt Ion:276 Resp: 314127

Ion Ratio Lower Upper

276 100

277 26.2 19.2 28.8

138 18.9 15.0 22.4

