

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030822\
 Data File : BP009314.D
 Acq On : 08 Mar 2022 20:33
 Operator : CG/JU
 Sample : N1825-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DUM-28

Quant Time: Mar 09 03:02:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

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

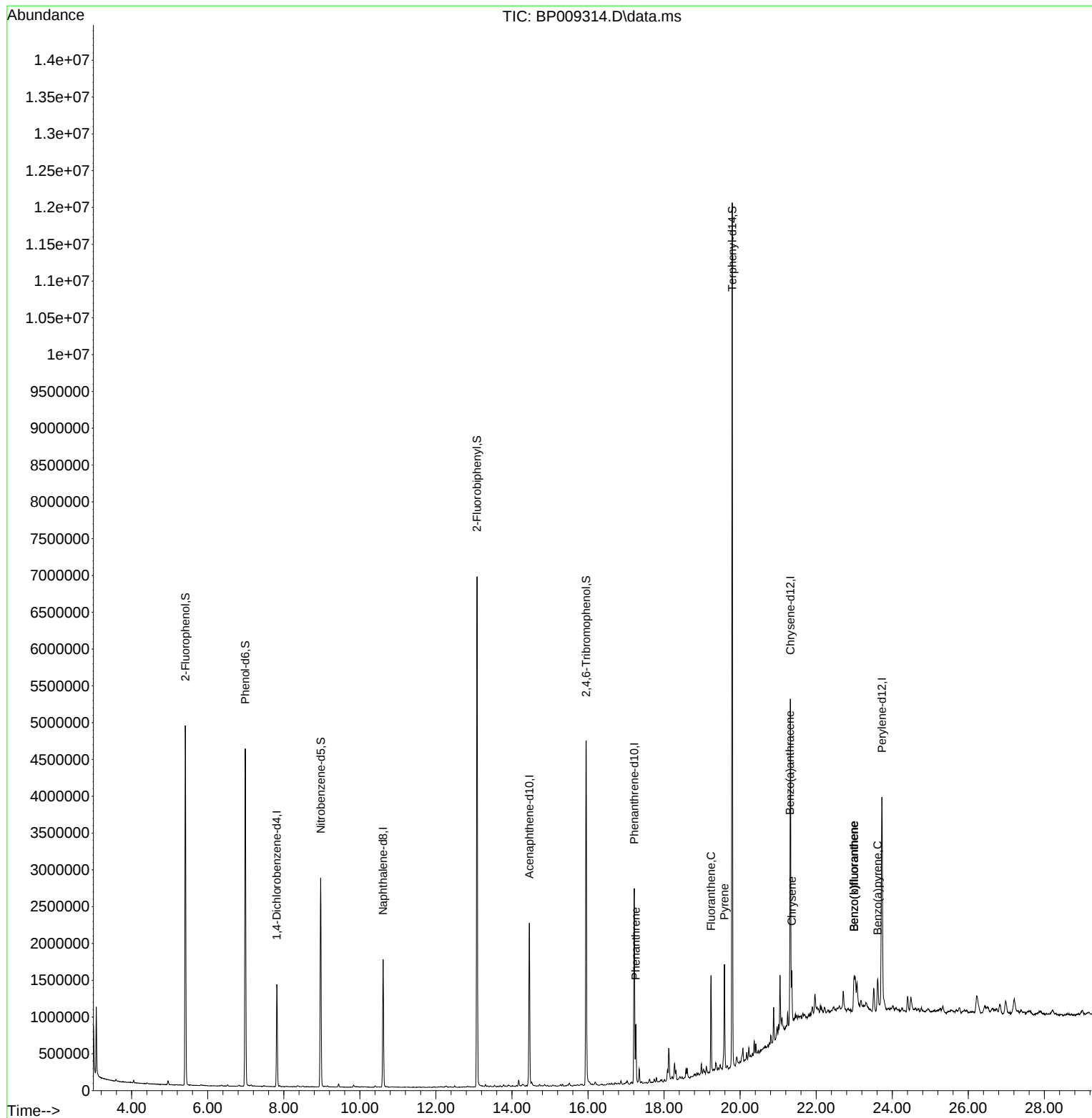
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	411804	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	1530230	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	849740	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	1736580	20.000	ng	0.00
76) Chrysene-d12	21.322	240	2063399	20.000	ng	0.00
86) Perylene-d12	23.727	264	2279670	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	2329155	82.559	ng	0.00
7) Phenol-d6	6.987	99	2884361	80.453	ng	0.00
23) Nitrobenzene-d5	8.969	82	1800171	64.795	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	1049035	102.239	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	3826937	61.935	ng	0.00
79) Terphenyl-d14	19.792	244	5829492	53.315	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.257	178	499300	5.003	ng	99
75) Fluoranthene	19.233	202	784368	6.809	ng	99
78) Pyrene	19.586	202	851279	6.110	ng	99
81) Benzo(a)anthracene	21.310	228	354174	2.532	ng	95
83) Chrysene	21.357	228	408454	3.008	ng	98
88) Benzo(b)fluoranthene	22.998	252	636376	4.134	ng	# 97
89) Benzo(k)fluoranthene	22.998	252	636376	4.328	ng	96
90) Benzo(a)pyrene	23.616	252	354927	2.431	ng	97

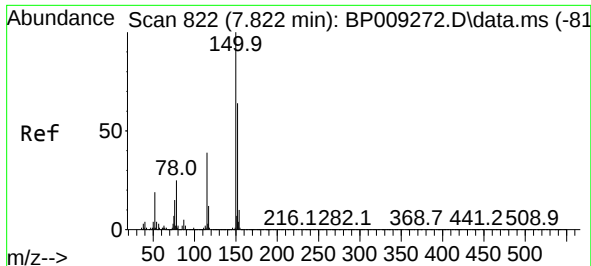
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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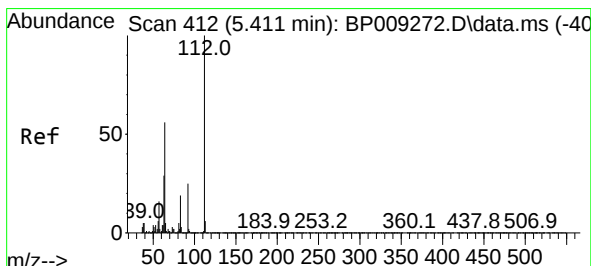
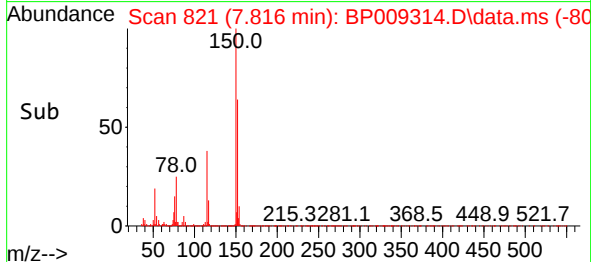
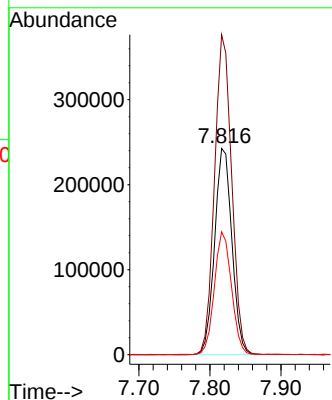
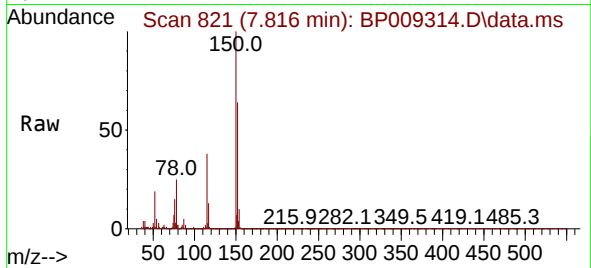




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009314.D
Acq: 08 Mar 2022 20:33

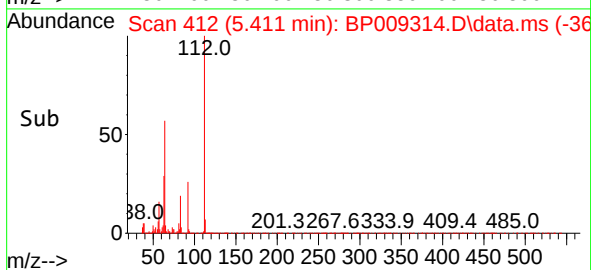
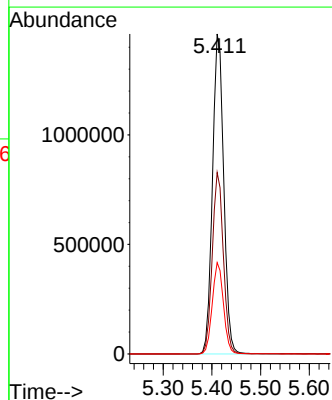
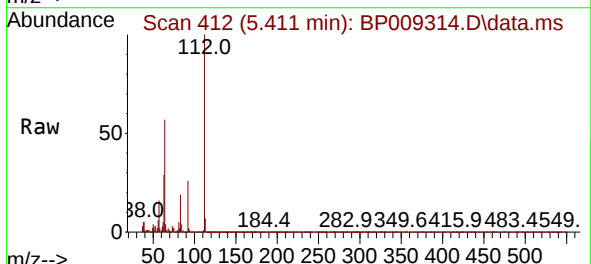
Instrument :
BNA_P
ClientSampleId :
DUM-28

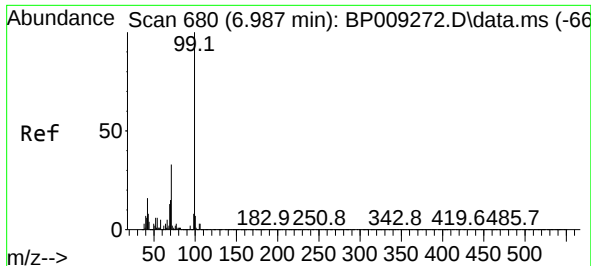
Tgt Ion:152 Resp: 411804
Ion Ratio Lower Upper
152 100
150 155.1 124.5 186.7
115 59.6 48.2 72.4



#5
2-Fluorophenol
Concen: 82.559 ng
RT: 5.411 min Scan# 412
Delta R.T. -0.000 min
Lab File: BP009314.D
Acq: 08 Mar 2022 20:33

Tgt Ion:112 Resp: 2329155
Ion Ratio Lower Upper
112 100
64 56.7 45.0 67.4
63 28.5 23.0 34.6

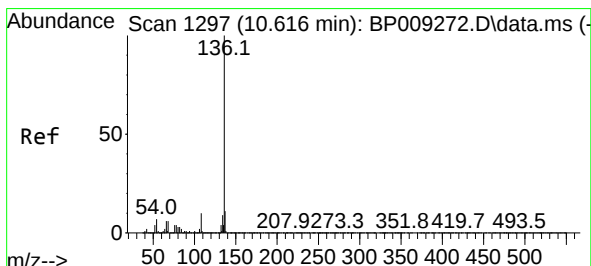
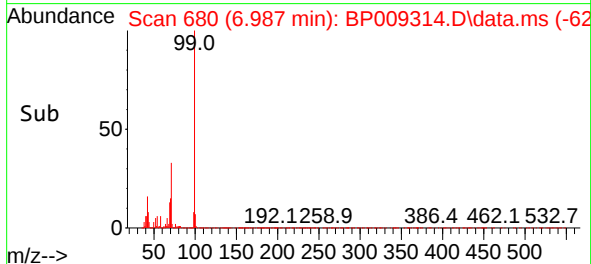
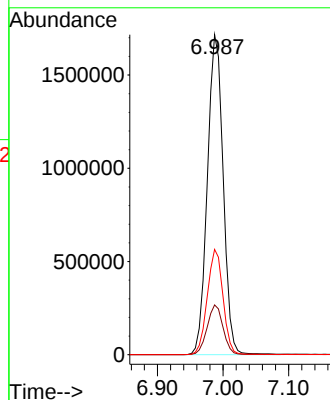
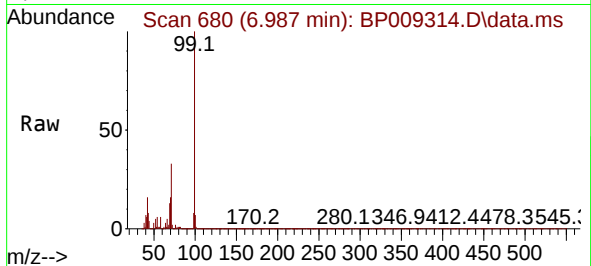




#7
Phenol-d6
Concen: 80.453 ng
RT: 6.987 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP009314.D
Acq: 08 Mar 2022 20:33

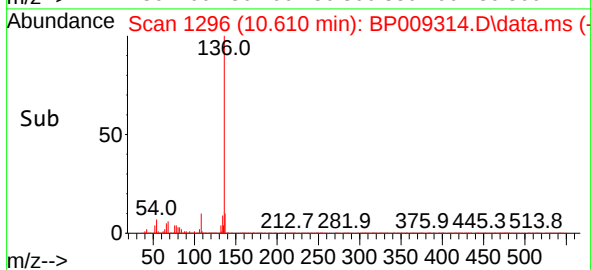
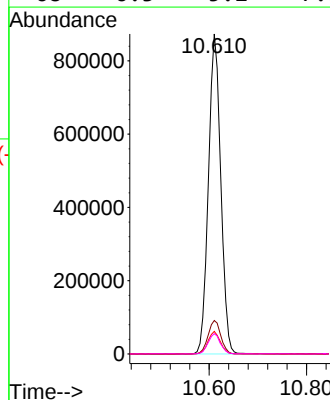
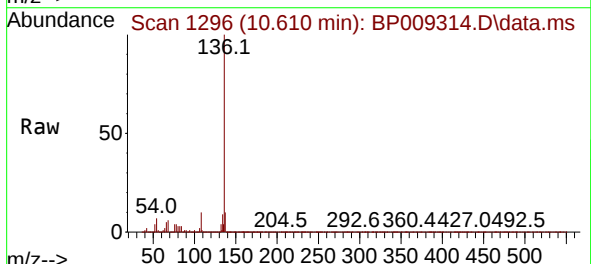
Instrument :
BNA_P
ClientSampleId :
DUM-28

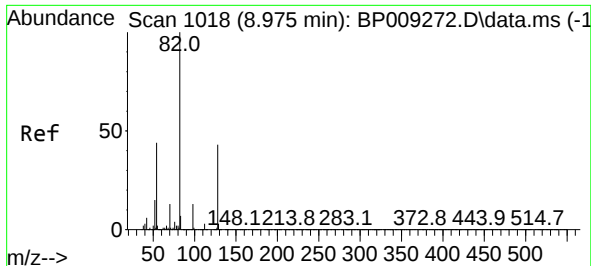
Tgt Ion: 99 Resp: 2884361
Ion Ratio Lower Upper
99 100
42 15.6 12.8 19.2
71 32.9 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP009314.D
Acq: 08 Mar 2022 20:33

Tgt Ion: 136 Resp: 1530230
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 7.0 5.8 8.8
68 6.3 5.2 7.8

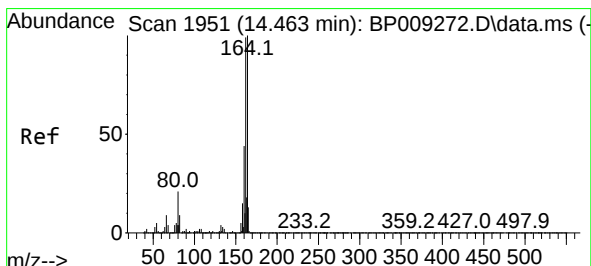
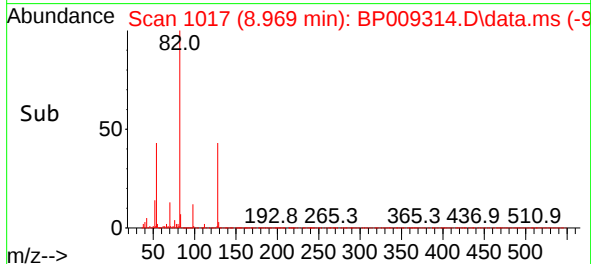
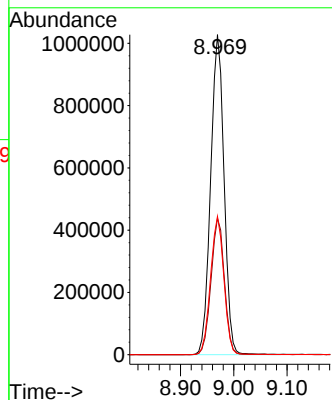
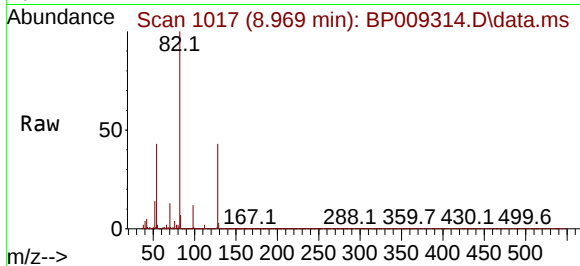




#23
Nitrobenzene-d5
Concen: 64.795 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP009314.D
Acq: 08 Mar 2022 20:33

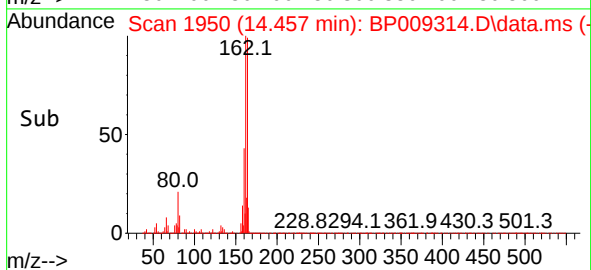
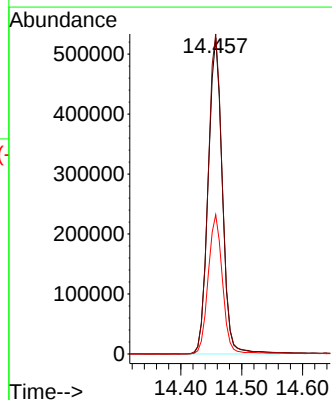
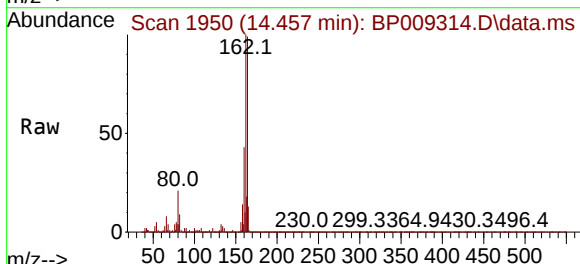
Instrument :
BNA_P
ClientSampleId :
DUM-28

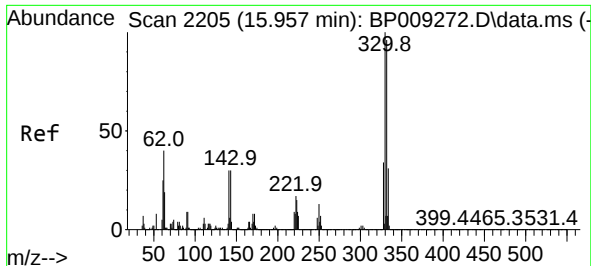
Tgt Ion: 82 Resp: 1800171
Ion Ratio Lower Upper
82 100
128 42.7 34.2 51.4
54 43.2 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP009314.D
Acq: 08 Mar 2022 20:33

Tgt Ion:164 Resp: 849740
Ion Ratio Lower Upper
164 100
162 101.2 79.1 118.7
160 44.0 34.9 52.3

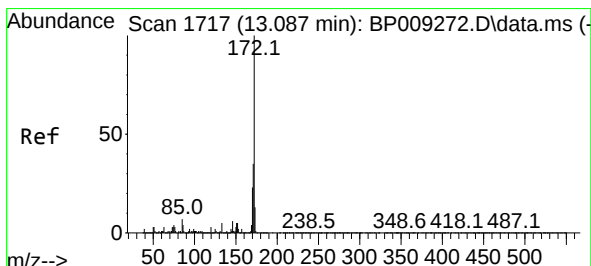
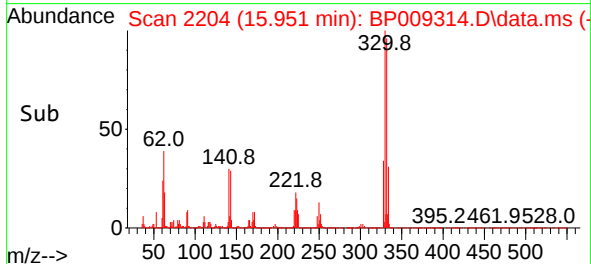
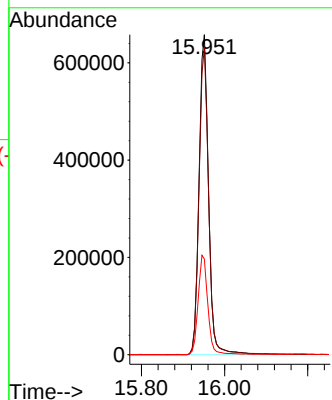
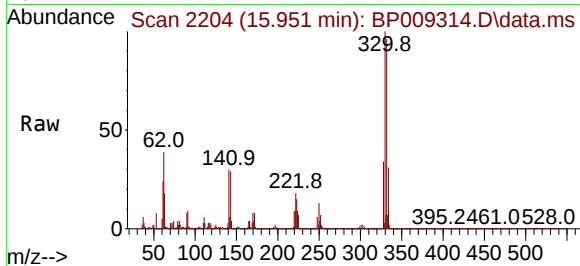




#42
2,4,6-Tribromophenol
Concen: 102.239 ng
RT: 15.951 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009314.D
Acq: 08 Mar 2022 20:33

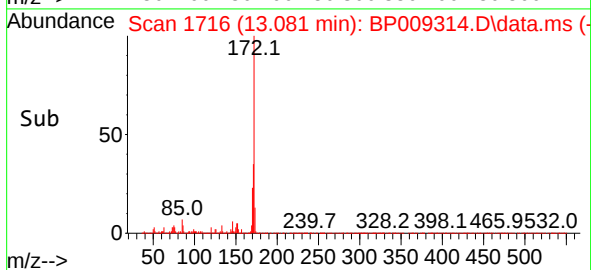
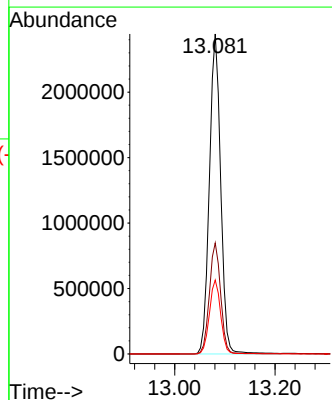
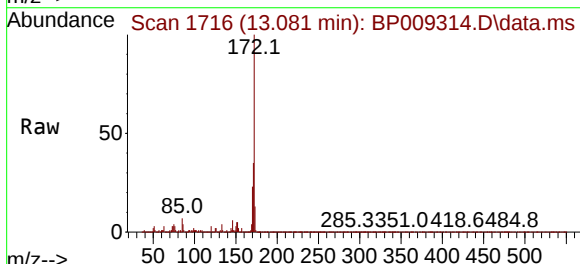
Instrument :
BNA_P
ClientSampleId :
DUM-28

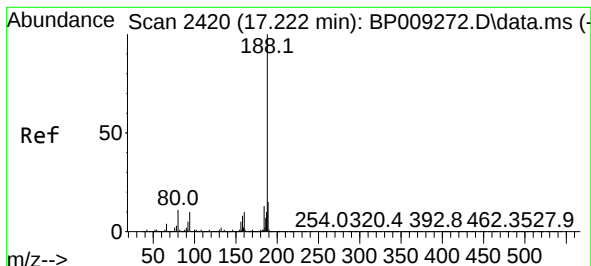
Tgt Ion:330 Resp: 1049035
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 31.6 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 61.935 ng
RT: 13.081 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP009314.D
Acq: 08 Mar 2022 20:33

Tgt Ion:172 Resp: 3826937
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 23.1 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.216 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BP009314.D

Acq: 08 Mar 2022 20:33

Instrument :

BNA_P

ClientSampleId :

DUM-28

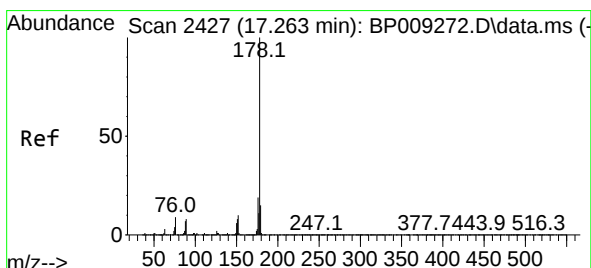
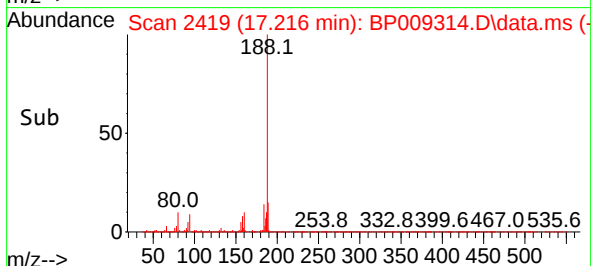
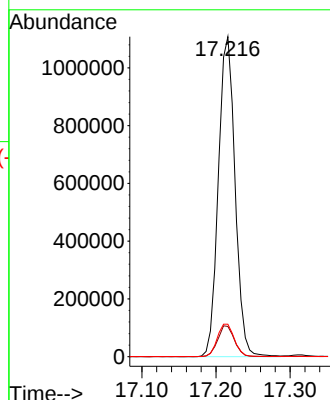
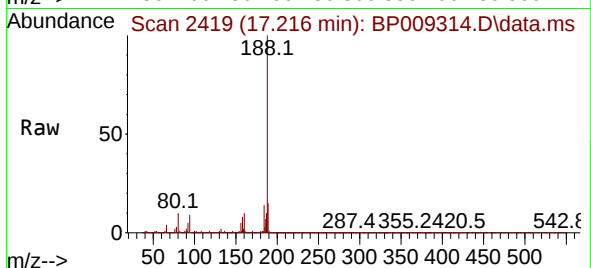
Tgt Ion:188 Resp: 1736580

Ion Ratio Lower Upper

188 100

94 9.4 7.9 11.9

80 10.1 8.8 13.2



#71

Phenanthrene

Concen: 5.003 ng

RT: 17.257 min Scan# 2426

Delta R.T. -0.006 min

Lab File: BP009314.D

Acq: 08 Mar 2022 20:33

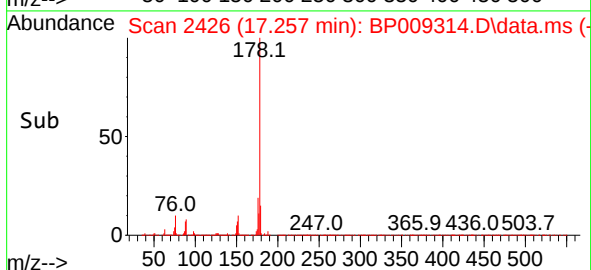
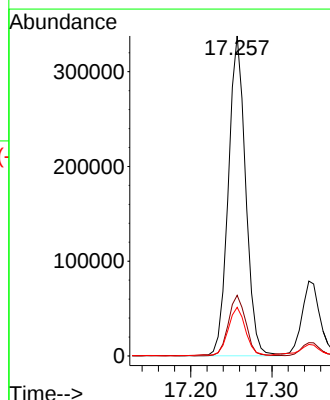
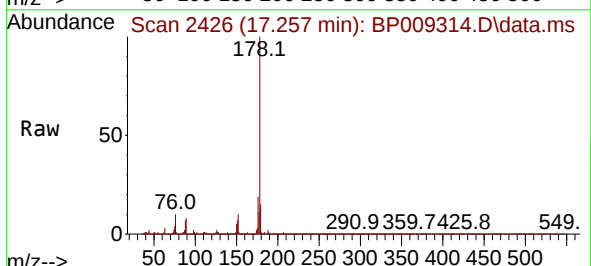
Tgt Ion:178 Resp: 499300

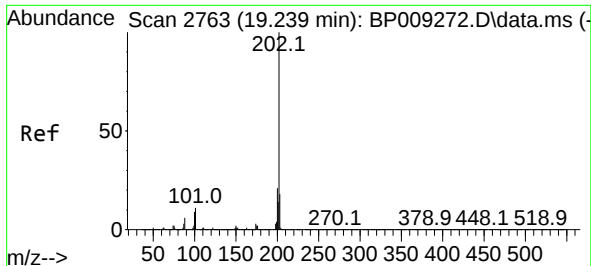
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

179 15.2 12.3 18.5

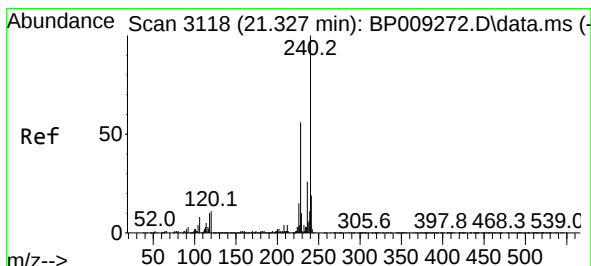
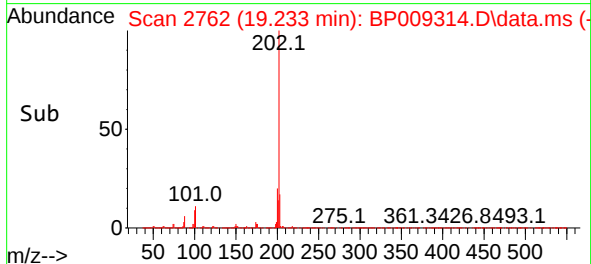
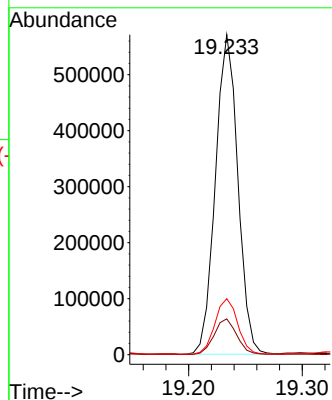
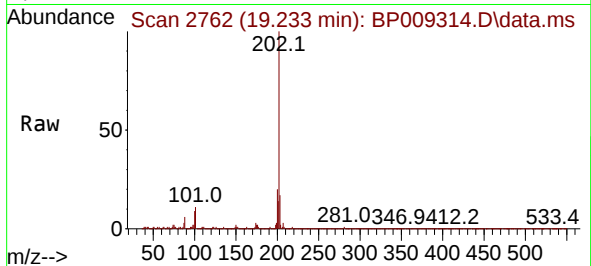




#75
Fluoranthene
Concen: 6.809 ng
RT: 19.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009314.D
Acq: 08 Mar 2022 20:33

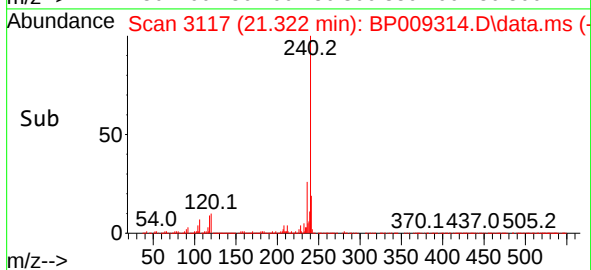
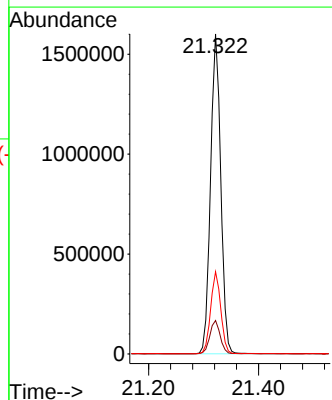
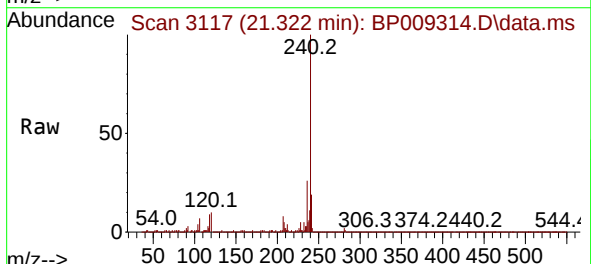
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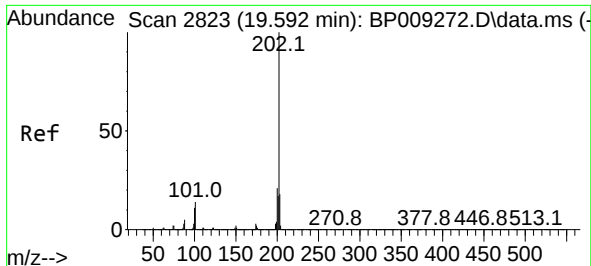
Tgt Ion:202 Resp: 784368
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.5
203 17.5 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP009314.D
Acq: 08 Mar 2022 20:33

Tgt Ion:240 Resp: 2063399
Ion Ratio Lower Upper
240 100
120 10.5 9.0 13.4
236 25.7 20.6 30.8

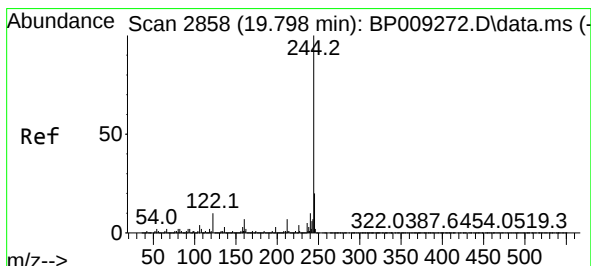
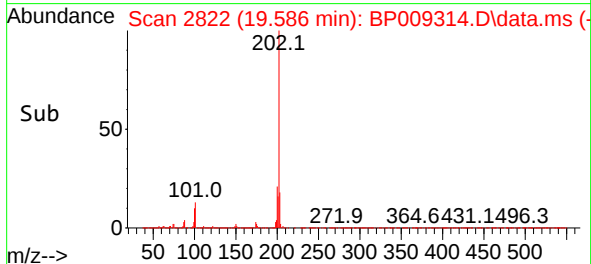
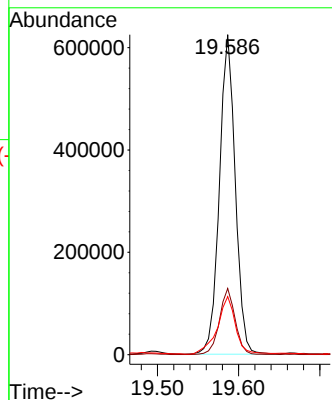
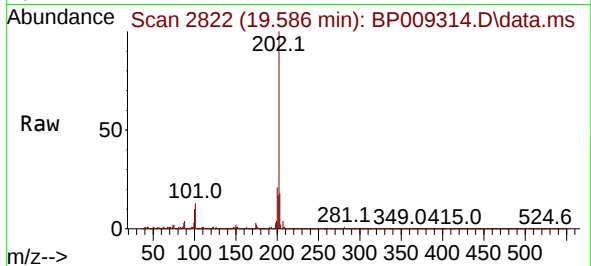




#78
 Pyrene
 Concen: 6.110 ng
 RT: 19.586 min Scan# 2822
 Delta R.T. -0.006 min
 Lab File: BP009314.D
 Acq: 08 Mar 2022 20:33

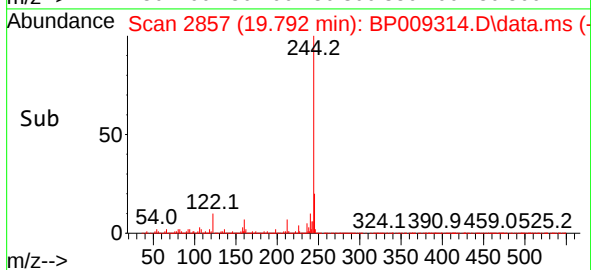
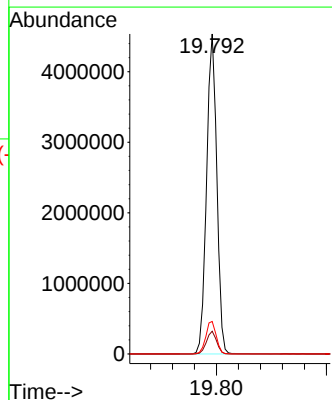
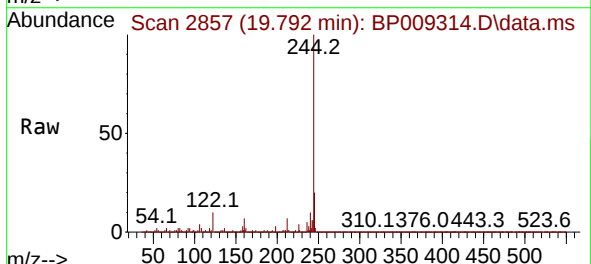
Instrument :
 BNA_P
 ClientSampleId :
 DUM-28

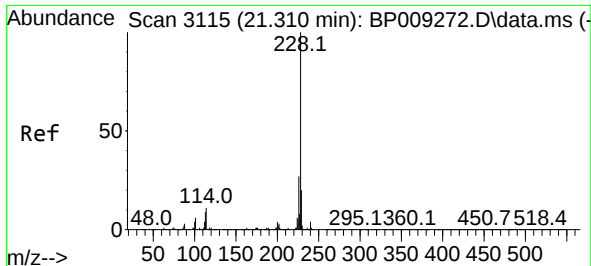
Tgt Ion:202 Resp: 851279
 Ion Ratio Lower Upper
 202 100
 200 20.7 16.8 25.2
 203 18.1 14.2 21.4



#79
 Terphenyl-d14
 Concen: 53.315 ng
 RT: 19.792 min Scan# 2857
 Delta R.T. -0.006 min
 Lab File: BP009314.D
 Acq: 08 Mar 2022 20:33

Tgt Ion:244 Resp: 5829492
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 10.2 8.3 12.5

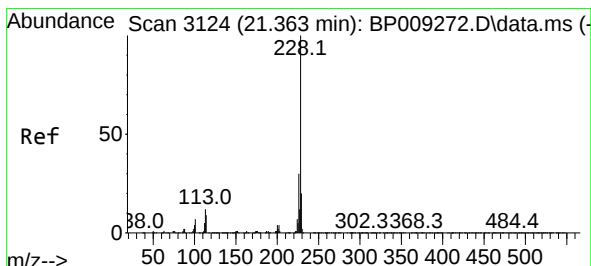
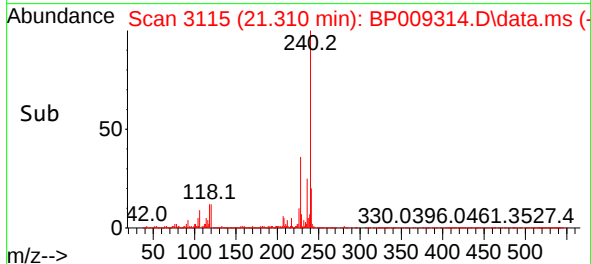
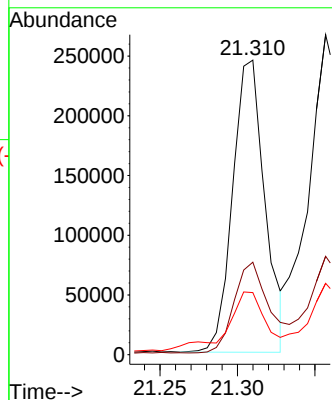
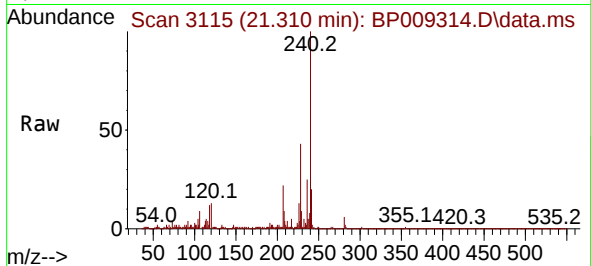




#81
Benzo(a)anthracene
Concen: 2.532 ng
RT: 21.310 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BP009314.D
Acq: 08 Mar 2022 20:33

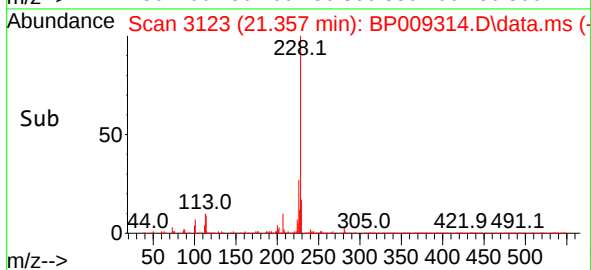
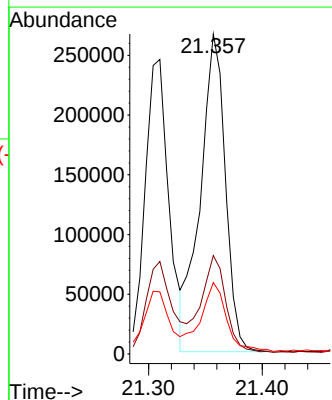
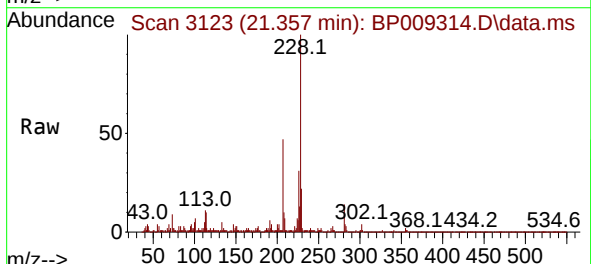
Instrument :
BNA_P
ClientSampleId :
DUM-28

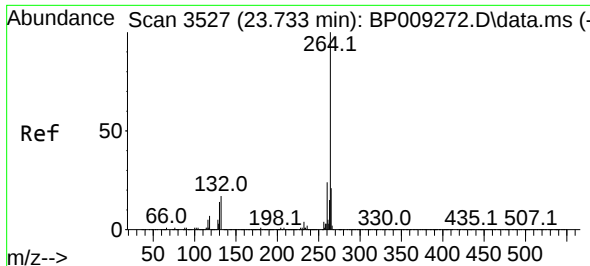
Tgt Ion:228 Resp: 354174
Ion Ratio Lower Upper
228 100
226 31.4 22.0 33.0
229 21.1 16.1 24.1



#83
Chrysene
Concen: 3.008 ng
RT: 21.357 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BP009314.D
Acq: 08 Mar 2022 20:33

Tgt Ion:228 Resp: 408454
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.2
229 22.3 16.1 24.1

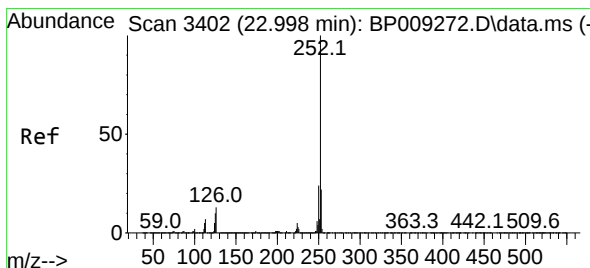
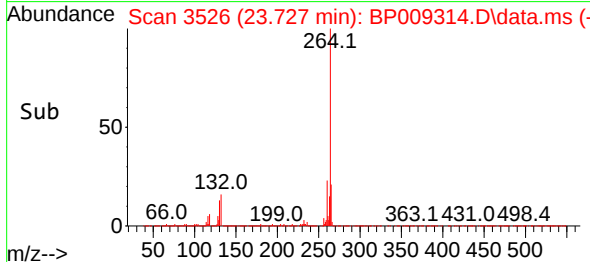
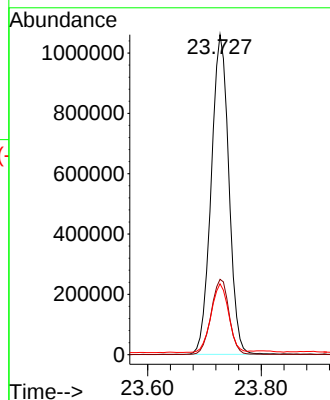
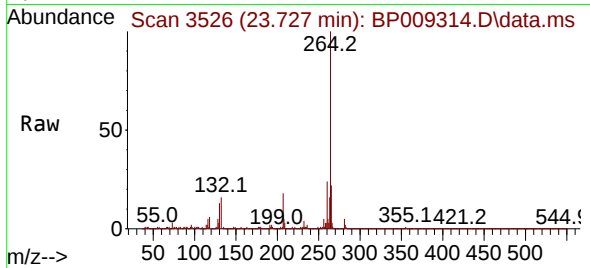




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.727 min Scan# 3527
 Delta R.T. -0.006 min
 Lab File: BP009314.D
 Acq: 08 Mar 2022 20:33

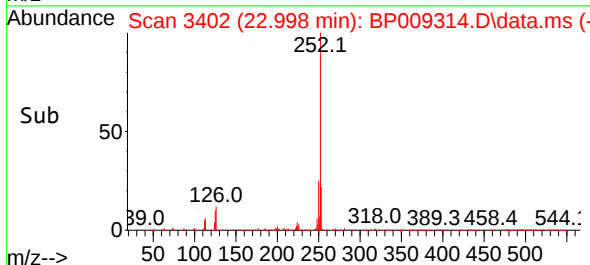
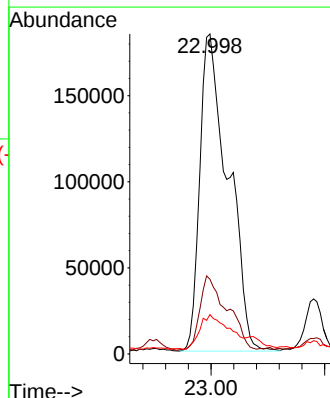
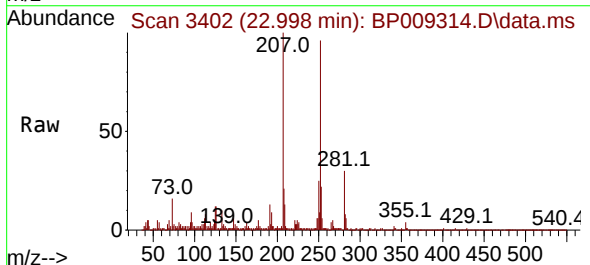
Instrument :
 BNA_P
 ClientSampleId :
 DUM-28

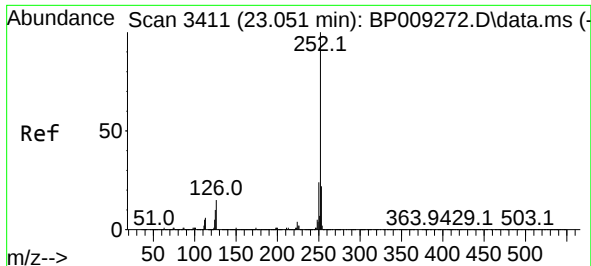
Tgt Ion:264 Resp: 2279670
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.0
 265 22.1 17.2 25.8



#88
 Benzo(b)fluoranthene
 Concen: 4.134 ng
 RT: 22.998 min Scan# 3402
 Delta R.T. 0.000 min
 Lab File: BP009314.D
 Acq: 08 Mar 2022 20:33

Tgt Ion:252 Resp: 636376
 Ion Ratio Lower Upper
 252 100
 253 23.3 17.8 26.8
 125 12.3 8.1 12.1#

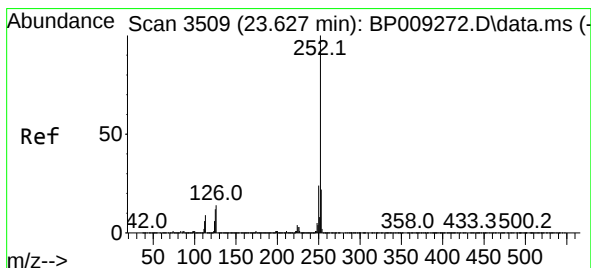
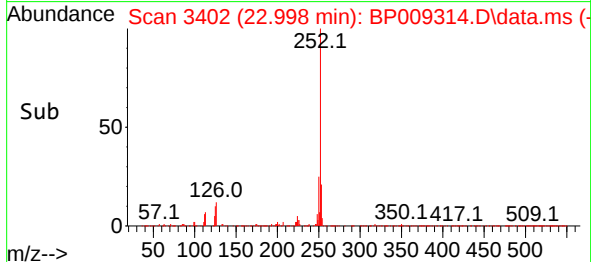
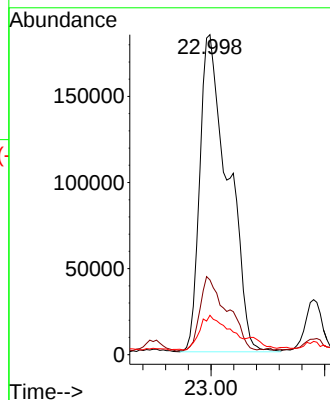
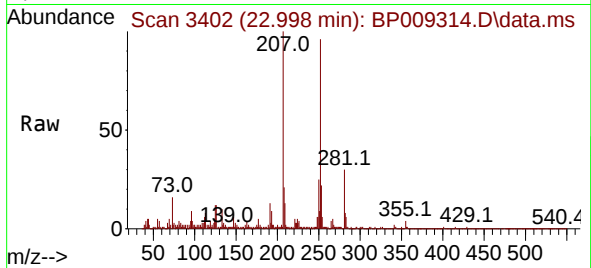




#89
Benzo(k)fluoranthene
Concen: 4.328 ng
RT: 22.998 min Scan# 3411
Delta R.T. -0.053 min
Lab File: BP009314.D
Acq: 08 Mar 2022 20:33

Instrument :
BNA_P
ClientSampleId :
DUM-28

Tgt Ion:252 Resp: 636376
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 12.3 8.3 12.5



#90
Benzo(a)pyrene
Concen: 2.431 ng
RT: 23.616 min Scan# 3507
Delta R.T. -0.012 min
Lab File: BP009314.D
Acq: 08 Mar 2022 20:33

Tgt Ion:252 Resp: 354927
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.6
125 13.6 9.3 13.9

