

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031622\
 Data File : BP009437.D
 Acq On : 16 Mar 2022 23:23
 Operator : CG/JU
 Sample : N1894-01DL 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP1(0-10)DL

Quant Time: Mar 17 01:11:04 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)

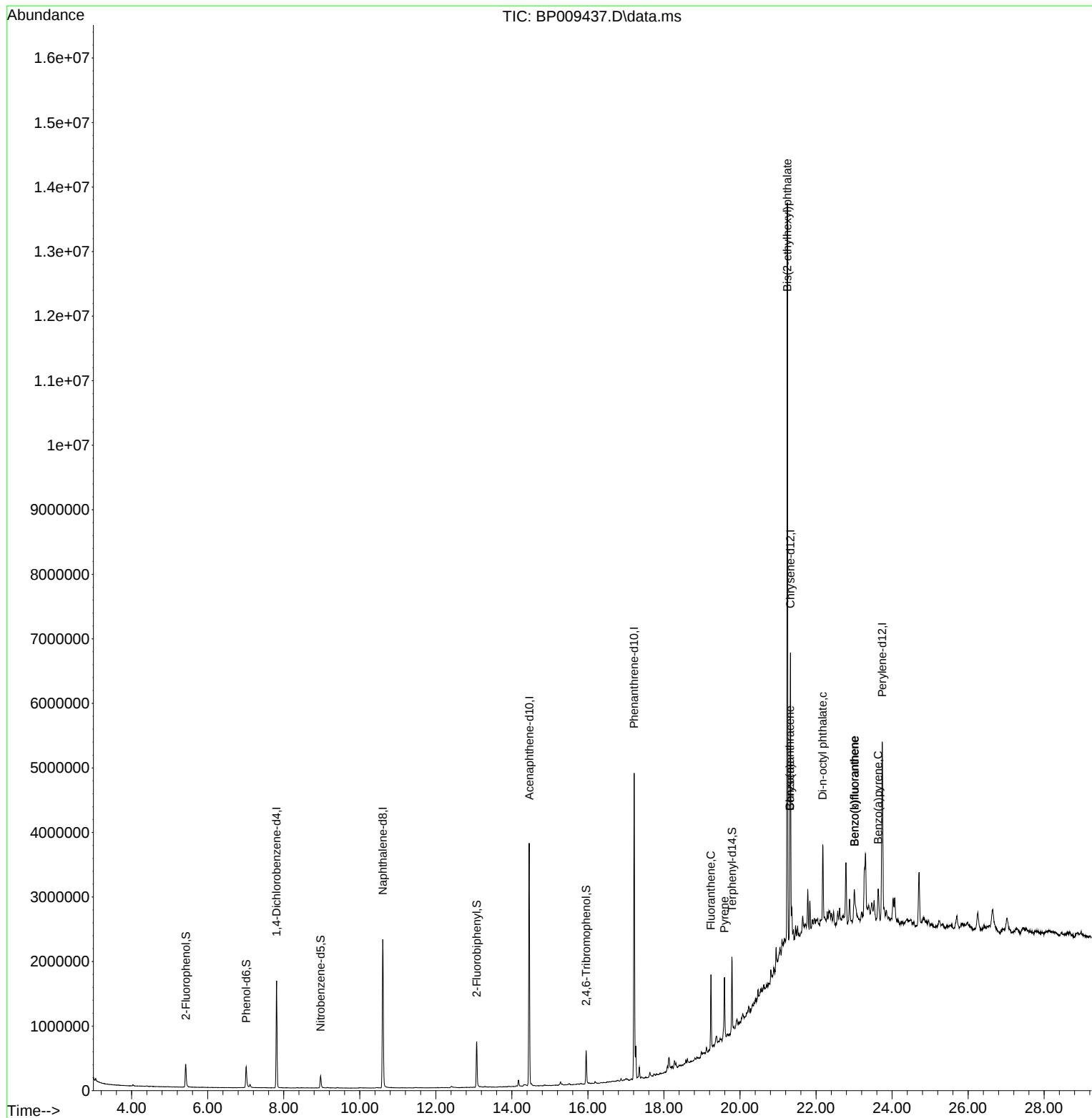
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	507238	20.000	ng	-0.01
21) Naphthalene-d8	10.605	136	2222250	20.000	ng	-0.01
39) Acenaphthene-d10	14.457	164	1499276	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	3021981	20.000	ng	0.00
76) Chrysene-d12	21.328	240	2139400	20.000	ng	# 0.00
86) Perylene-d12	23.739	264	2207522	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.423	112	218274	6.281	ng	0.01
7) Phenol-d6	7.011	99	262179	5.937	ng	0.02
23) Nitrobenzene-d5	8.969	82	142124	3.523	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	127182	7.025	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	461637	4.234	ng	-0.01
79) Terphenyl-d14	19.786	244	593718	5.237	ng	-0.01
Target Compounds						
						Qvalue
75) Fluoranthene	19.234	202	748502	3.734	ng	98
78) Pyrene	19.592	202	640526	4.434	ng	99
81) Benzo(a)anthracene	21.310	228	346744	2.391	ng	95
83) Chrysene	21.310	228	346744	2.463	ng	98
84) Bis(2-ethylhexyl)phtha...	21.245	149	4874554	58.458	ng	# 99
85) Di-n-octyl phthalate	22.175	149	1047813	7.675	ng	# 98
88) Benzo(b)fluoranthene	23.010	252	590263	3.960	ng	# 90
89) Benzo(k)fluoranthene	23.010	252	590263	4.145	ng	# 90
90) Benzo(a)pyrene	23.633	252	302133	2.137	ng	# 91

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

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Response via : Initial Calibration

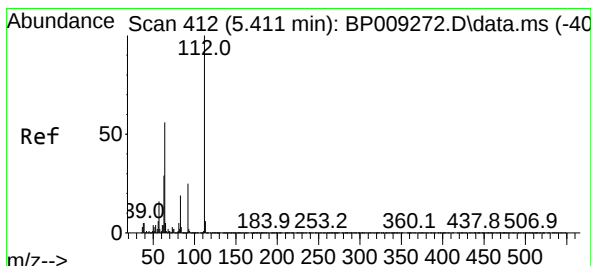
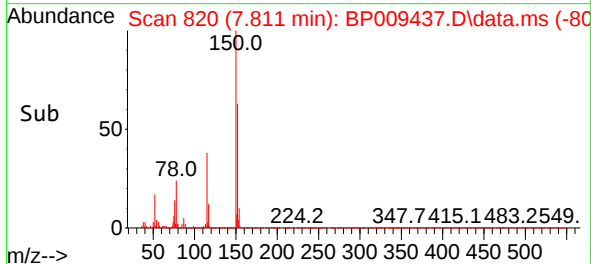
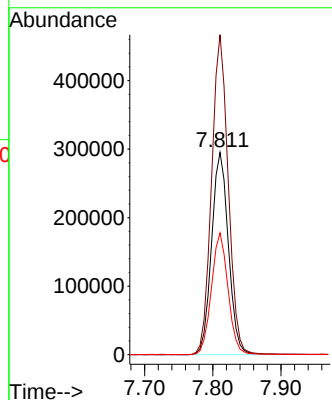
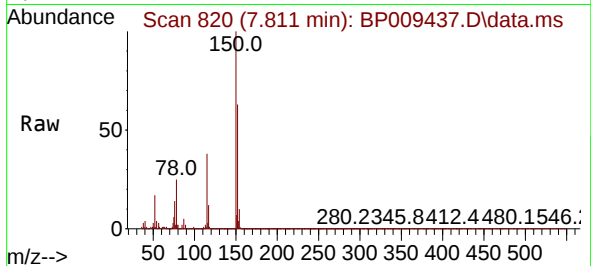




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP009437.D
Acq: 16 Mar 2022 23:23

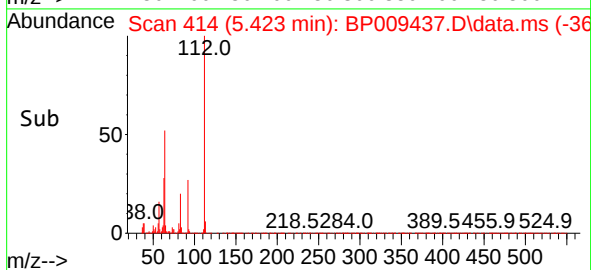
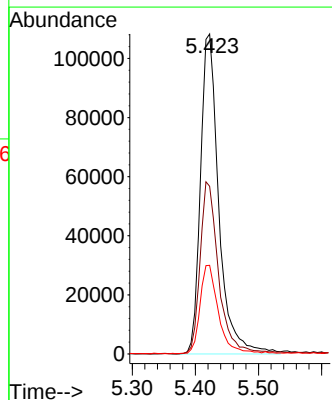
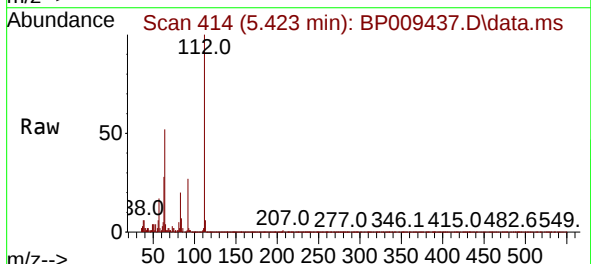
Instrument :
BNA_P
ClientSampleId :
TP1(0-10)DL

Tgt Ion:152 Resp: 507238
Ion Ratio Lower Upper
152 100
150 158.2 124.5 186.7
115 60.2 48.2 72.4



#5
2-Fluorophenol
Concen: 6.281 ng
RT: 5.423 min Scan# 414
Delta R.T. 0.012 min
Lab File: BP009437.D
Acq: 16 Mar 2022 23:23

Tgt Ion:112 Resp: 218274
Ion Ratio Lower Upper
112 100
64 52.4 45.0 67.4
63 27.7 23.0 34.6

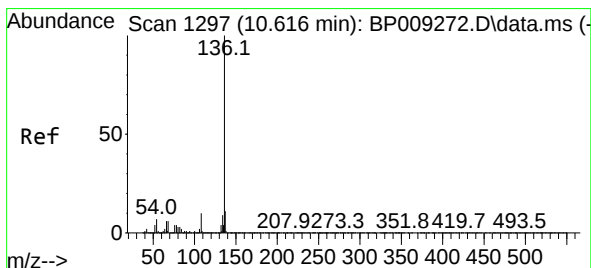
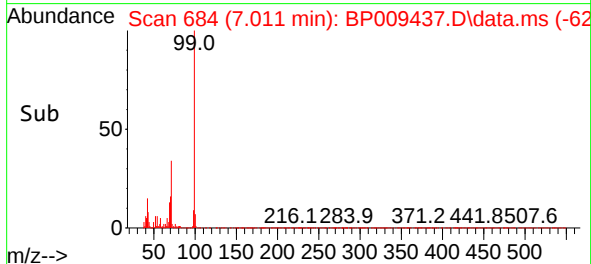
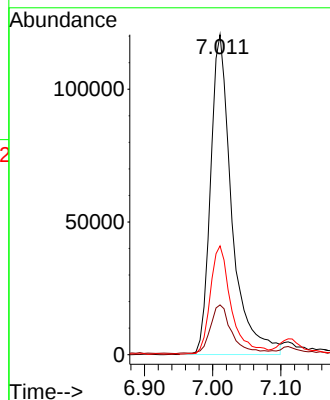
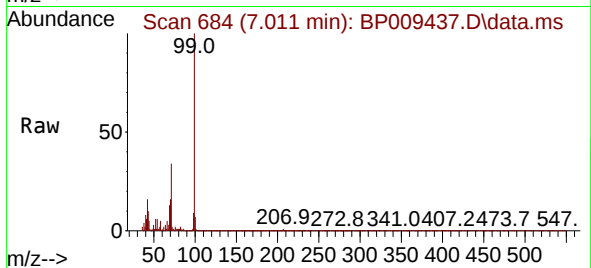




#7
Phenol-d6
Concen: 5.937 ng
RT: 7.011 min Scan# 61
Delta R.T. 0.024 min
Lab File: BP009437.D
Acq: 16 Mar 2022 23:23

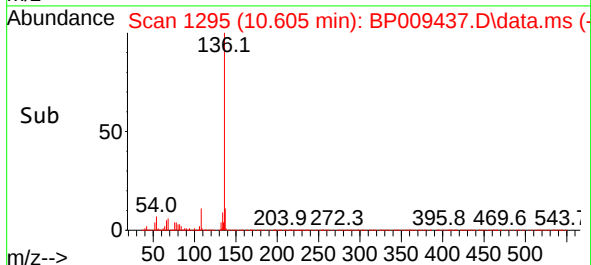
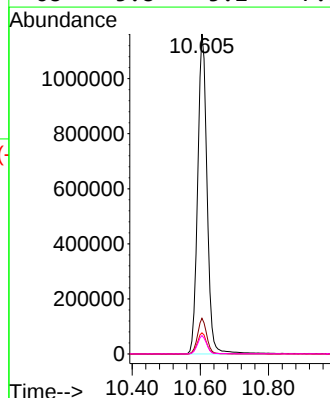
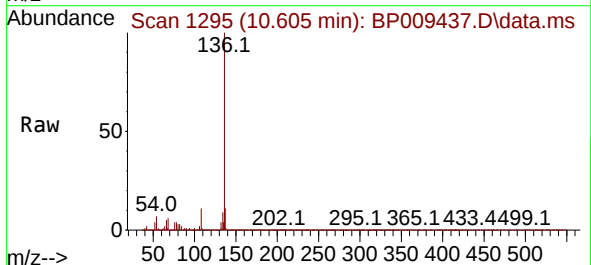
Instrument :
BNA_P
ClientSampleId :
TP1(0-10)DL

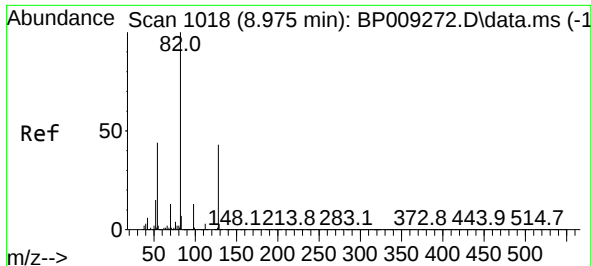
Tgt Ion: 99 Resp: 262179
Ion Ratio Lower Upper
99 100
42 15.6 12.8 19.2
71 34.0 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.605 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP009437.D
Acq: 16 Mar 2022 23:23

Tgt Ion: 136 Resp: 2222250
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 6.6 5.8 8.8
68 5.8 5.2 7.8

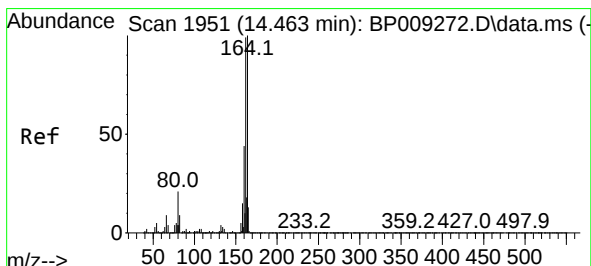
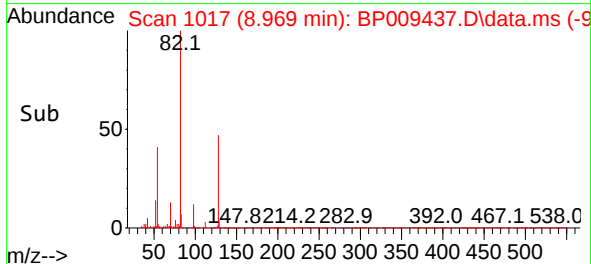
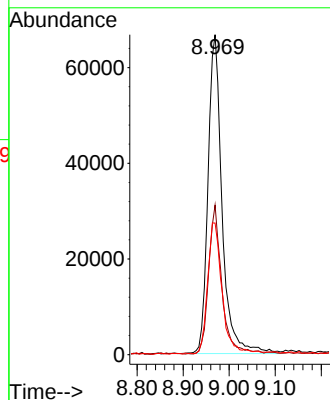
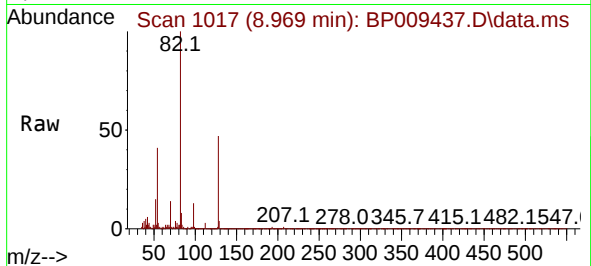




#23
Nitrobenzene-d5
Concen: 3.523 ng
RT: 8.969 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP009437.D
Acq: 16 Mar 2022 23:23

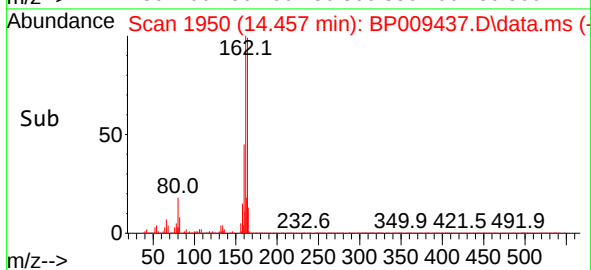
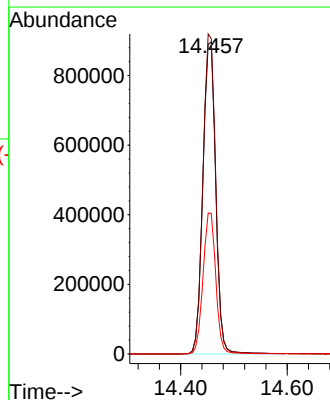
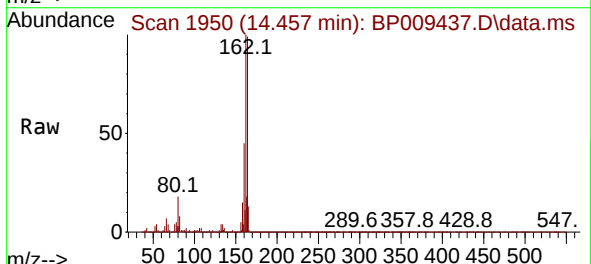
Instrument :
BNA_P
ClientSampleId :
TP1(0-10)DL

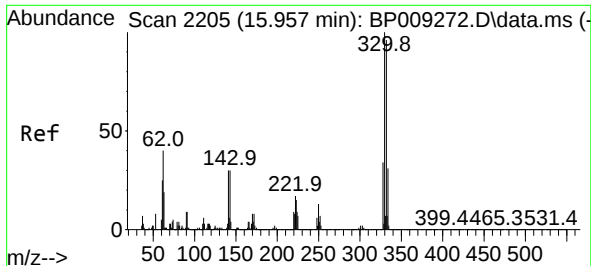
Tgt Ion: 82 Resp: 142124
Ion Ratio Lower Upper
82 100
128 46.8 34.2 51.4
54 41.2 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP009437.D
Acq: 16 Mar 2022 23:23

Tgt Ion:164 Resp: 1499276
Ion Ratio Lower Upper
164 100
162 101.1 79.1 118.7
160 45.1 34.9 52.3

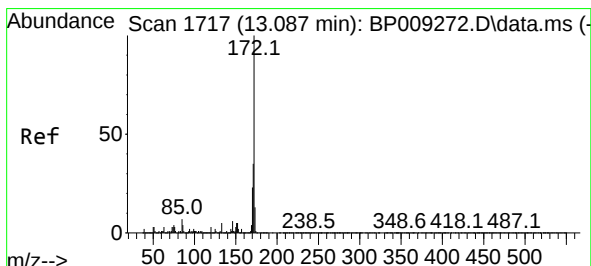
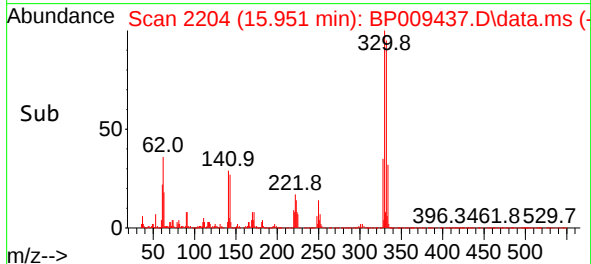
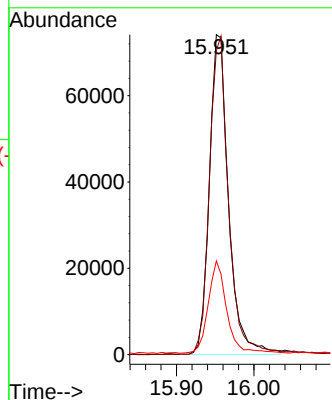
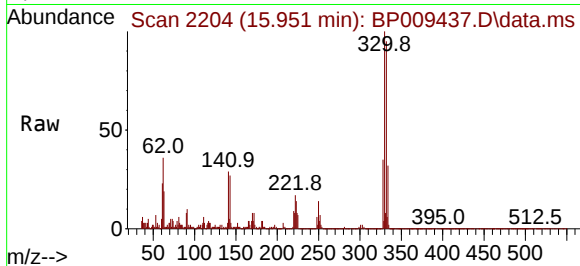




#42
2,4,6-Tribromophenol
Concen: 7.025 ng
RT: 15.951 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009437.D
Acq: 16 Mar 2022 23:23

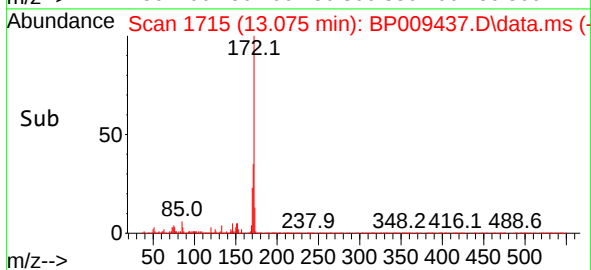
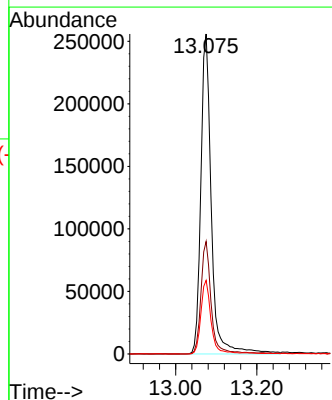
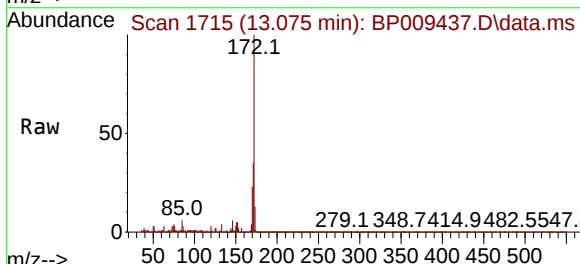
Instrument :
BNA_P
ClientSampleId :
TP1(0-10)DL

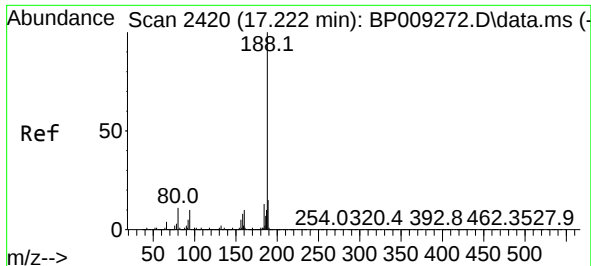
Tgt Ion:330 Resp: 127182
Ion Ratio Lower Upper
330 100
332 99.4 77.0 115.6
141 27.7 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 4.234 ng
RT: 13.075 min Scan# 1715
Delta R.T. -0.012 min
Lab File: BP009437.D
Acq: 16 Mar 2022 23:23

Tgt Ion:172 Resp: 461637
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.0 18.6 27.8

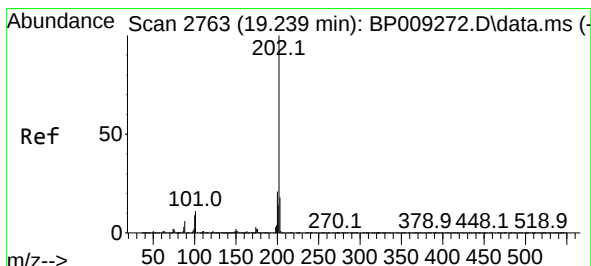
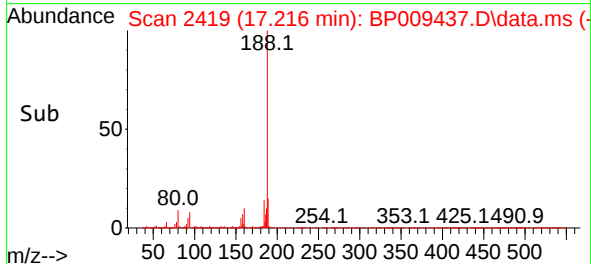
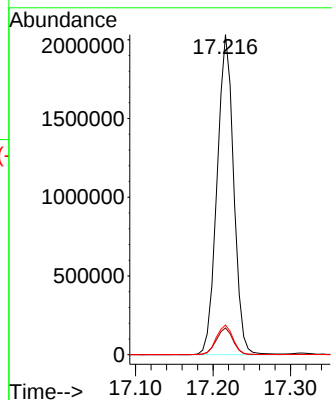
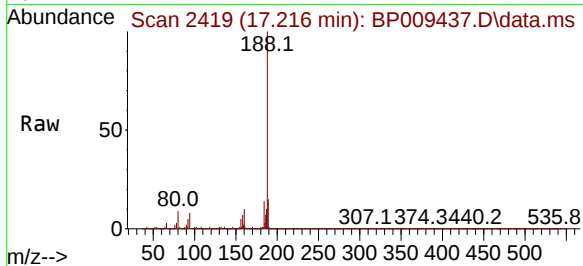




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009437.D
Acq: 16 Mar 2022 23:23

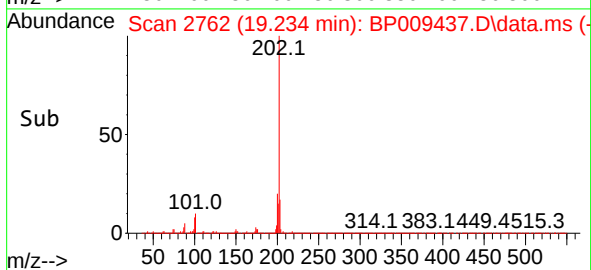
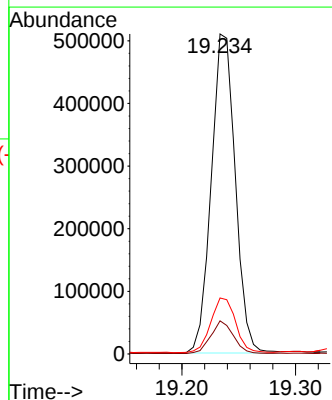
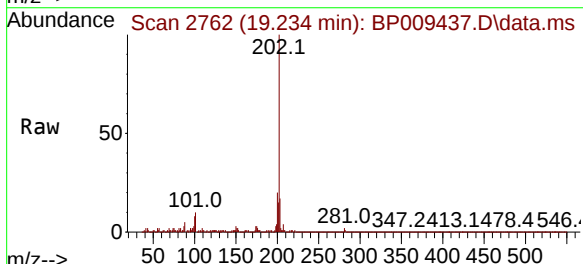
Instrument :
BNA_P
ClientSampleId :
TP1(0-10)DL

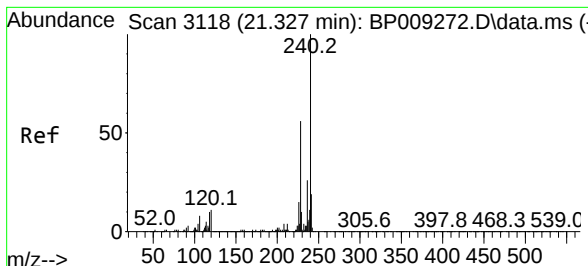
Tgt Ion:188 Resp: 3021981
Ion Ratio Lower Upper
188 100
94 8.4 7.9 11.9
80 9.3 8.8 13.2



#75
Fluoranthene
Concen: 3.734 ng
RT: 19.234 min Scan# 2762
Delta R.T. -0.006 min
Lab File: BP009437.D
Acq: 16 Mar 2022 23:23

Tgt Ion:202 Resp: 748502
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.5
203 17.5 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.328 min Scan# 3118

Delta R.T. 0.000 min

Lab File: BP009437.D

Acq: 16 Mar 2022 23:23

Instrument :

BNA_P

ClientSampleId :

TP1(0-10)DL

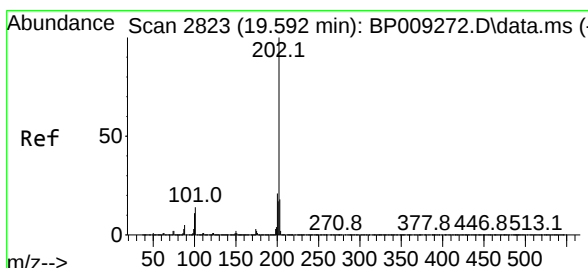
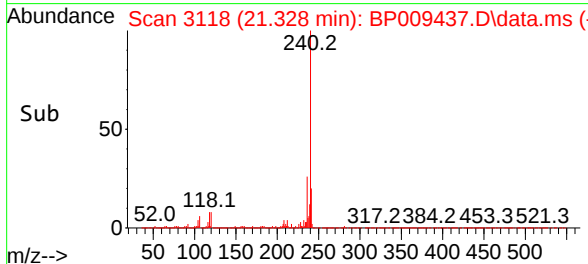
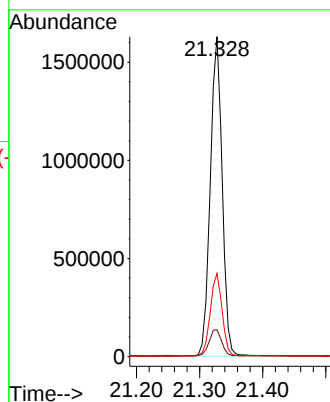
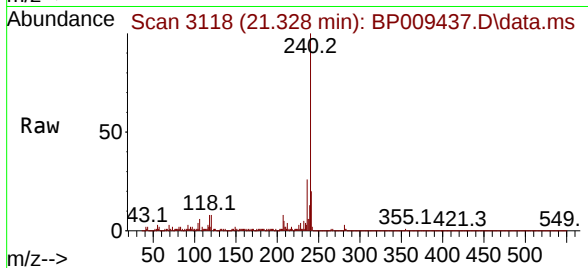
Tgt Ion:240 Resp: 2139400

Ion Ratio Lower Upper

240 100

120 8.4 9.0 13.4#

236 26.0 20.6 30.8



#78

Pyrene

Concen: 4.434 ng

RT: 19.592 min Scan# 2823

Delta R.T. 0.000 min

Lab File: BP009437.D

Acq: 16 Mar 2022 23:23

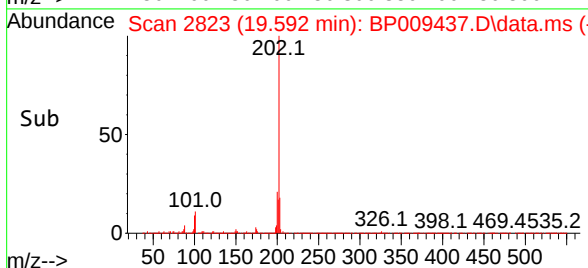
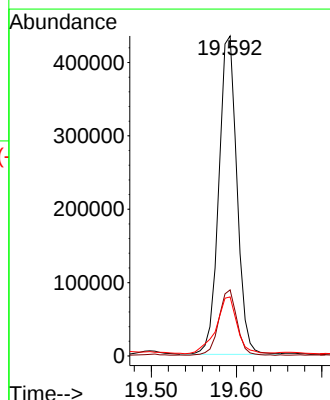
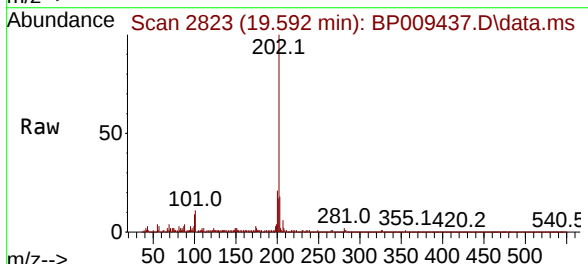
Tgt Ion:202 Resp: 640526

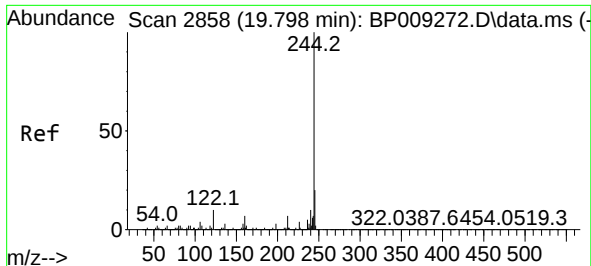
Ion Ratio Lower Upper

202 100

200 20.7 16.8 25.2

203 18.4 14.2 21.4

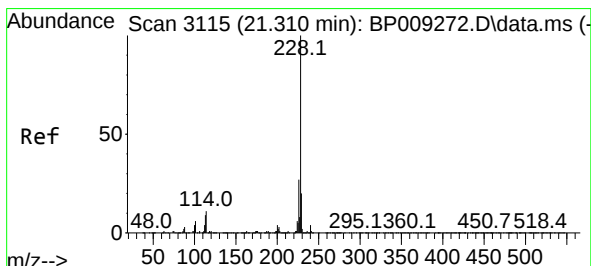
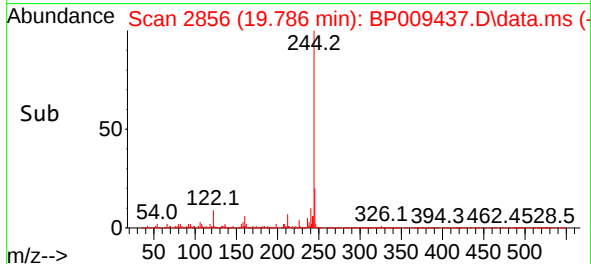
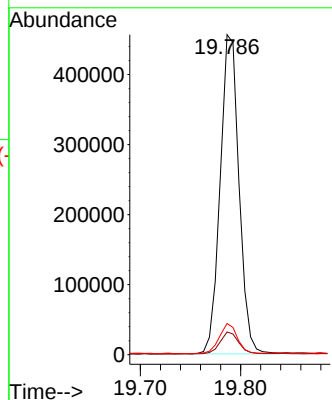
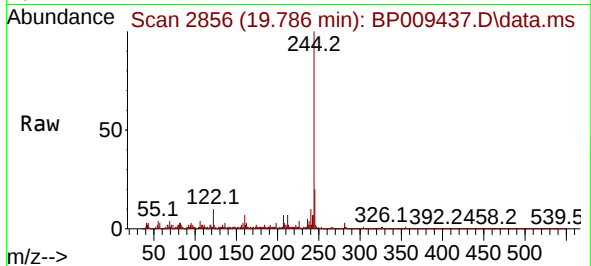




#79
 Terphenyl-d14
 Concen: 5.237 ng
 RT: 19.786 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP009437.D
 Acq: 16 Mar 2022 23:23

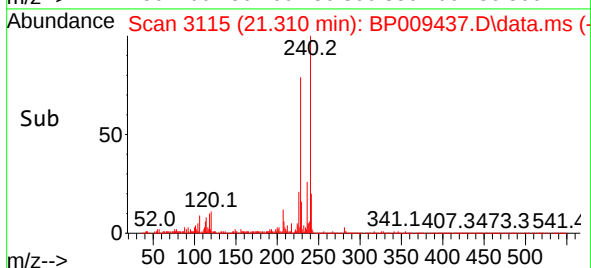
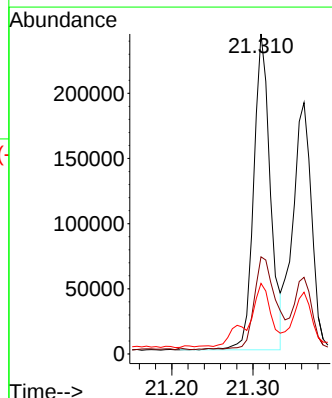
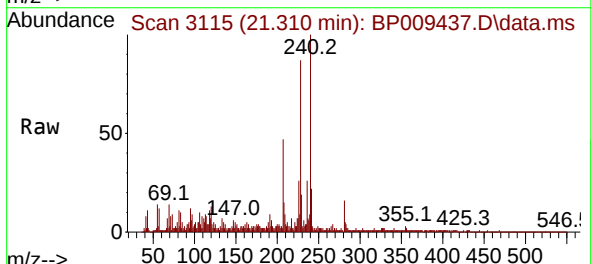
Instrument :
 BNA_P
 ClientSampleId :
 TP1(0-10)DL

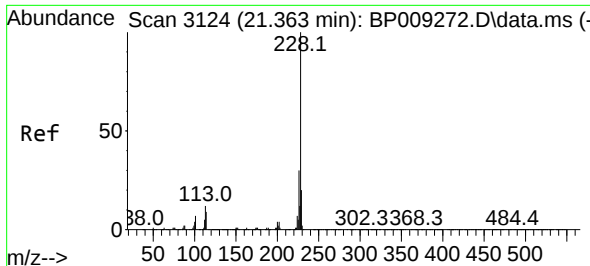
Tgt Ion:244 Resp: 593718
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 9.7 8.3 12.5



#81
 Benzo(a)anthracene
 Concen: 2.391 ng
 RT: 21.310 min Scan# 3115
 Delta R.T. 0.000 min
 Lab File: BP009437.D
 Acq: 16 Mar 2022 23:23

Tgt Ion:228 Resp: 346744
 Ion Ratio Lower Upper
 228 100
 226 30.3 22.0 33.0
 229 22.1 16.1 24.1

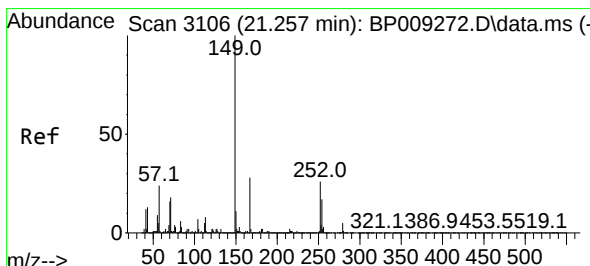
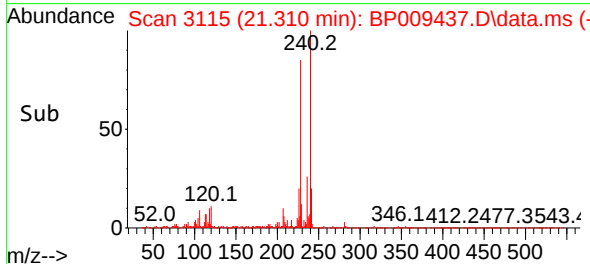
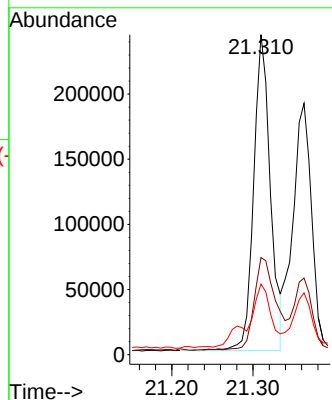
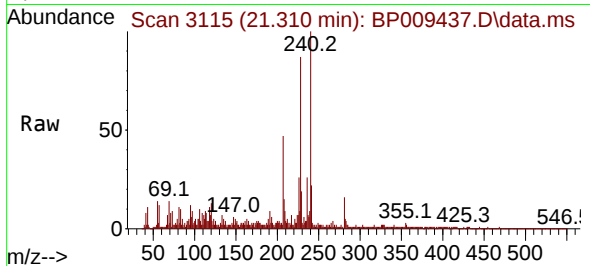




#83
Chrysene
Concen: 2.463 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.053 min
Lab File: BP009437.D
Acq: 16 Mar 2022 23:23

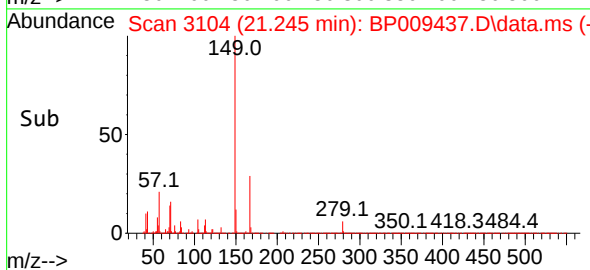
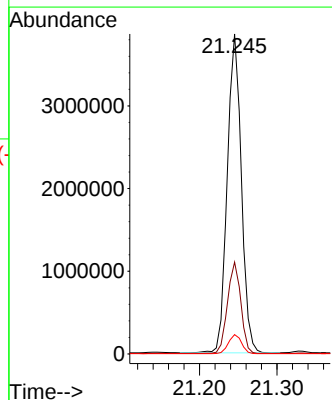
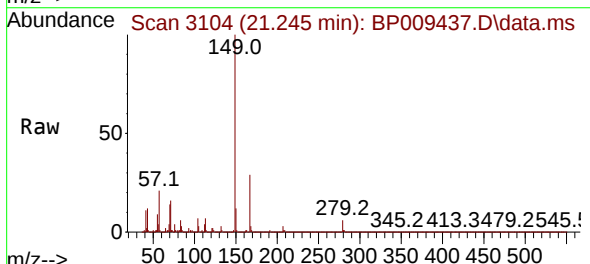
Instrument :
BNA_P
ClientSampleId :
TP1(0-10)DL

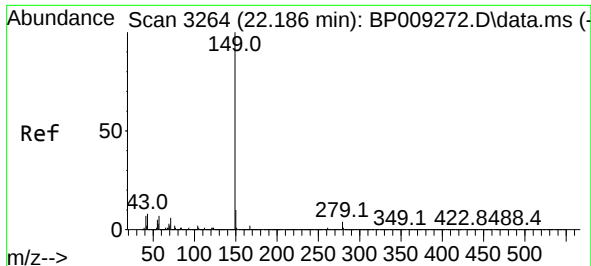
Tgt Ion:228 Resp: 346744
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.2
229 22.1 16.1 24.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 58.458 ng
RT: 21.245 min Scan# 3104
Delta R.T. -0.012 min
Lab File: BP009437.D
Acq: 16 Mar 2022 23:23

Tgt Ion:149 Resp: 4874554
Ion Ratio Lower Upper
149 100
167 28.7 22.6 33.8
279 6.1 3.8 5.6

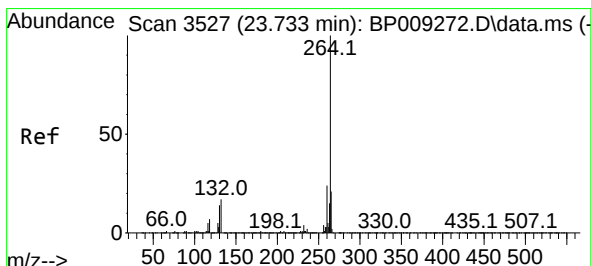
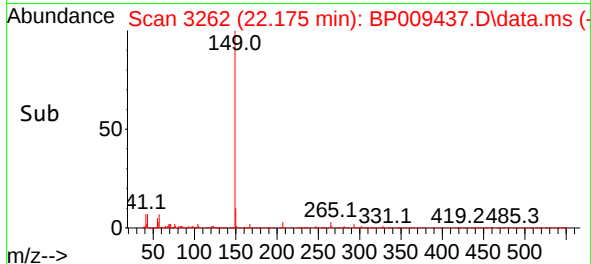
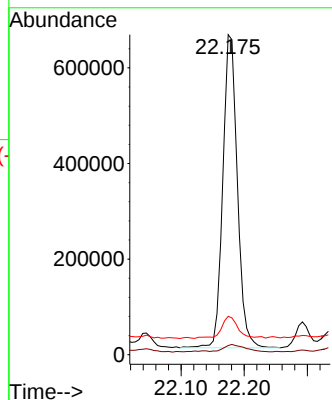
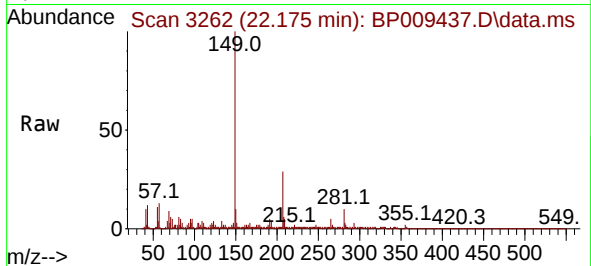




#85
Di-n-octyl phthalate
Concen: 7.675 ng
RT: 22.175 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP009437.D
Acq: 16 Mar 2022 23:23

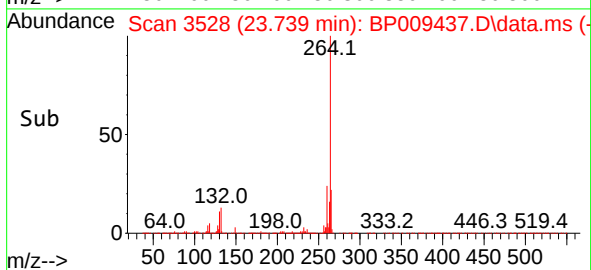
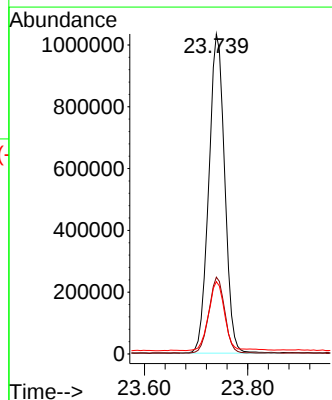
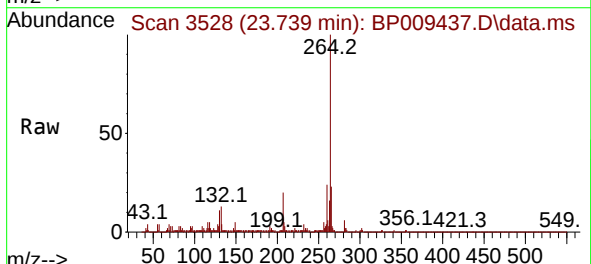
Instrument :
BNA_P
ClientSampleId :
TP1(0-10)DL

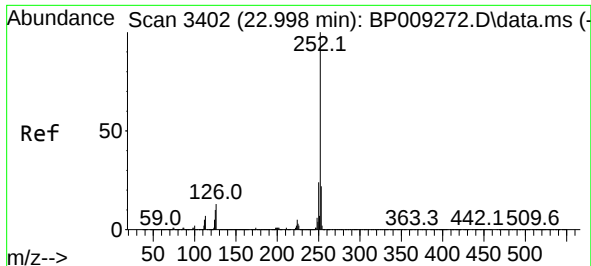
Tgt Ion:149 Resp: 1047813
Ion Ratio Lower Upper
149 100
167 3.4 1.3 1.9#
43 7.9 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.739 min Scan# 3528
Delta R.T. 0.006 min
Lab File: BP009437.D
Acq: 16 Mar 2022 23:23

Tgt Ion:264 Resp: 2207522
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.0
265 22.6 17.2 25.8

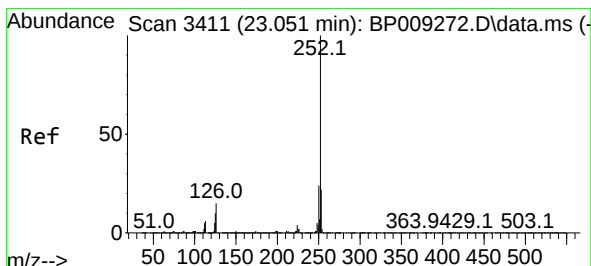
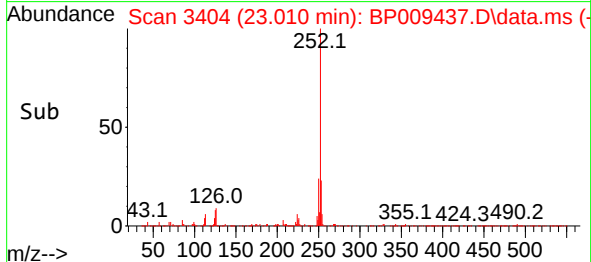
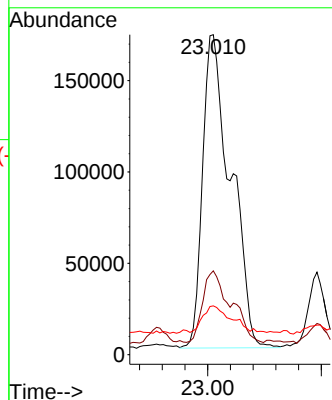
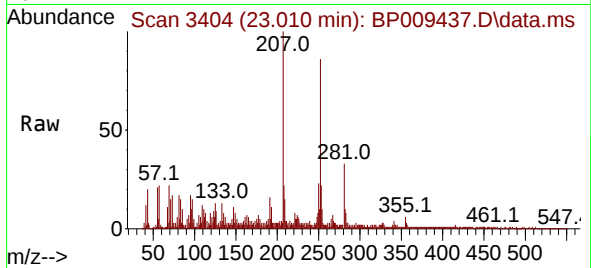




#88
Benzo(b)fluoranthene
Concen: 3.960 ng
RT: 23.010 min Scan# 3404
Delta R.T. 0.012 min
Lab File: BP009437.D
Acq: 16 Mar 2022 23:23

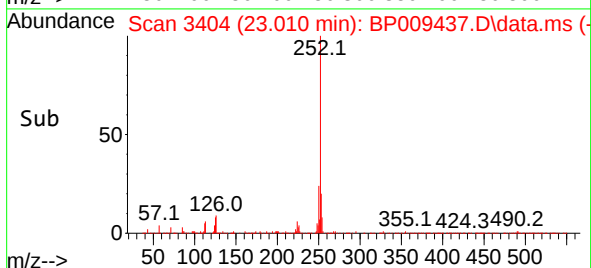
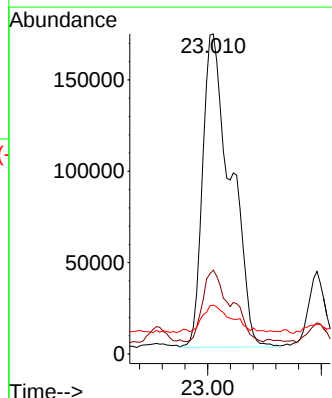
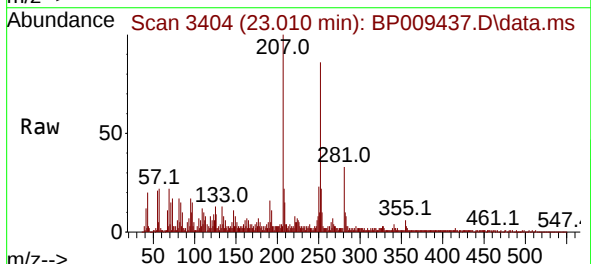
Instrument :
BNA_P
ClientSampleId :
TP1(0-10)DL

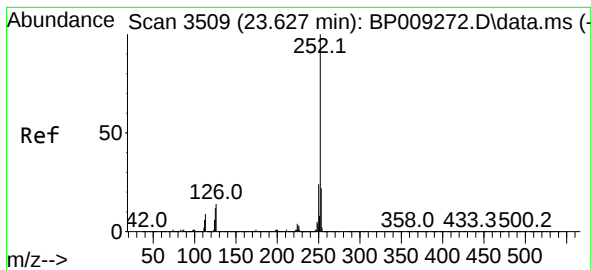
Tgt Ion:252 Resp: 590263
Ion Ratio Lower Upper
252 100
253 26.2 17.8 26.8
125 15.3 8.1 12.1#



#89
Benzo(k)fluoranthene
Concen: 4.145 ng
RT: 23.010 min Scan# 3404
Delta R.T. -0.041 min
Lab File: BP009437.D
Acq: 16 Mar 2022 23:23

Tgt Ion:252 Resp: 590263
Ion Ratio Lower Upper
252 100
253 26.2 17.5 26.3
125 15.3 8.3 12.5#





#90

Benzo(a)pyrene

Concen: 2.137 ng

RT: 23.633 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP009437.D

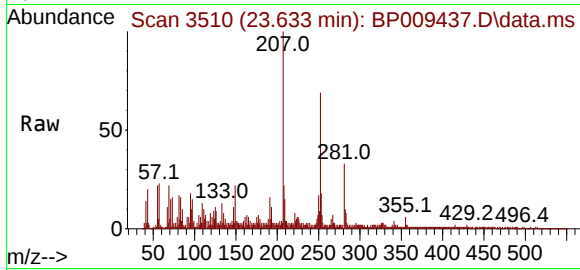
Acq: 16 Mar 2022 23:23

Instrument :

BNA_P

ClientSampleId :

TP1(0-10)DL



Tgt Ion:252 Resp: 302133

Ion Ratio Lower Upper

252 100

253 25.7 17.8 26.6

125 15.8 9.3 13.9#

