

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
 Data File : BP019923.D
 Acq On : 28 Feb 2024 18:53
 Operator : MA/JU
 Sample : P1611-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-05-022724

Quant Time: Feb 29 00:34:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 02:05:05 2024
 Response via : Initial Calibration

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

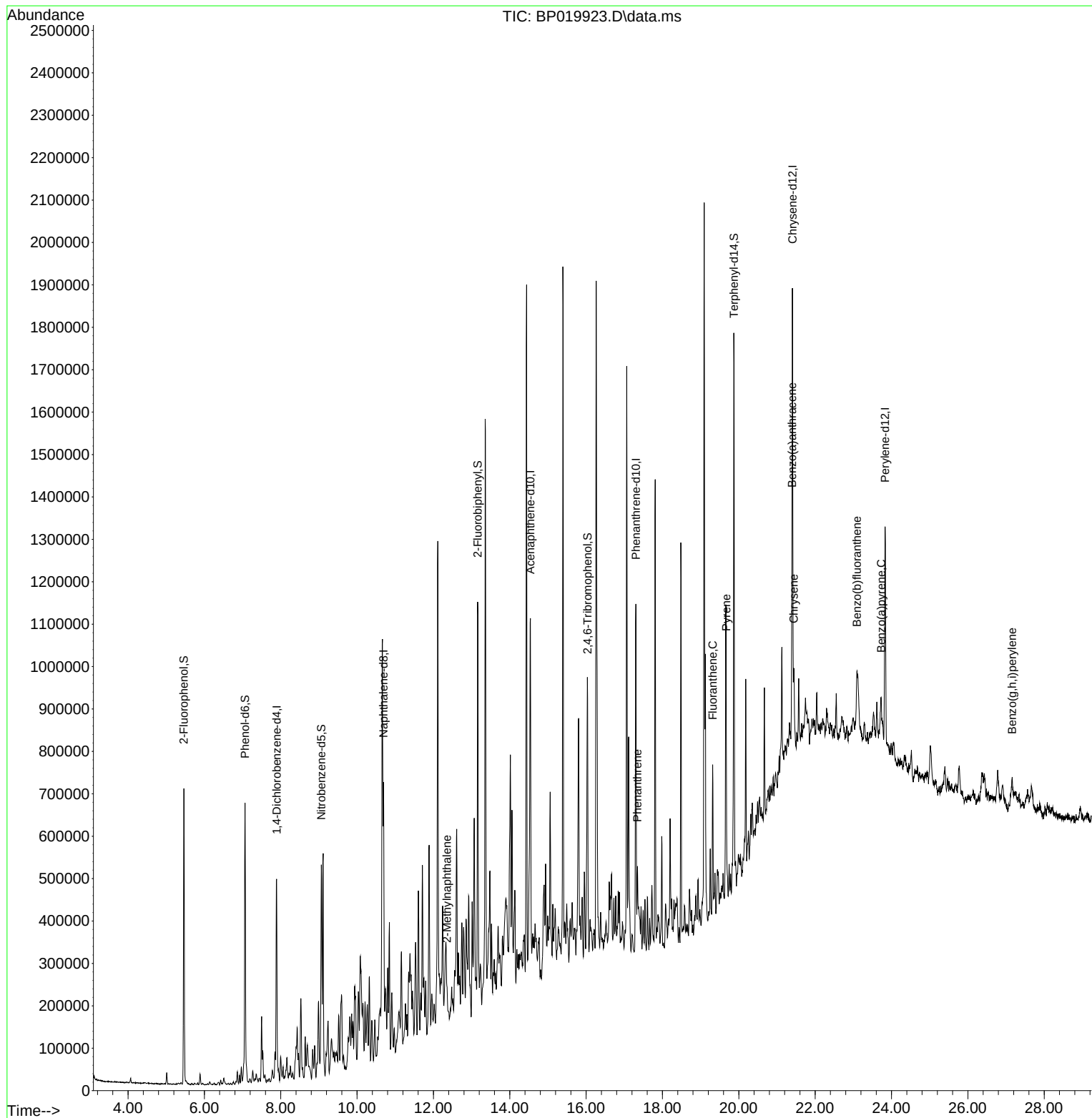
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	131820	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	467191	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	263444	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	482401	20.000	ng	0.00
76) Chrysene-d12	21.404	240	455925	20.000	ng	0.00
86) Perylene-d12	23.833	264	476336	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.464	112	280707	34.953	ng	0.00
7) Phenol-d6	7.064	99	375721	31.422	ng	-0.01
23) Nitrobenzene-d5	9.063	82	258923	22.374	ng	-0.01
42) 2,4,6-Tribromophenol	16.040	330	130561	28.903	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	506802	25.992	ng	-0.01
79) Terphenyl-d14	19.875	244	645340	22.310	ng	0.00
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	12.357	142	42986	2.214	ng	96
71) Phenanthrene	17.345	178	107305	4.167	ng	98
75) Fluoranthene	19.316	202	166799	4.991	ng	97
78) Pyrene	19.669	202	175012	5.587	ng	96
81) Benzo(a)anthracene	21.392	228	110192	3.405	ng	# 87
83) Chrysene	21.439	228	92966	3.066	ng	# 92
88) Benzo(b)fluoranthene	23.092	252	114049	3.905	ng	# 86
90) Benzo(a)pyrene	23.727	252	87001	3.117	ng	# 90
92) Benzo(g,h,i)perylene	27.157	276	60124	2.209	ng	95

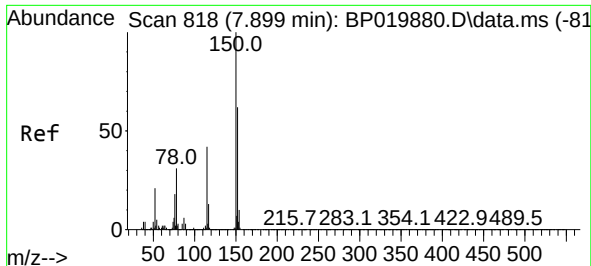
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
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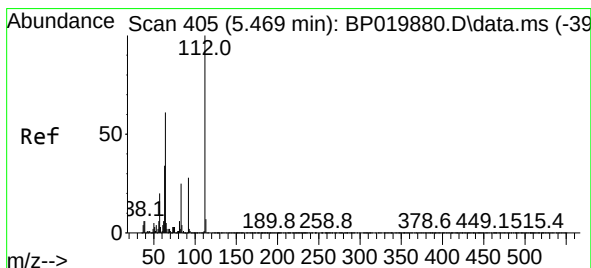
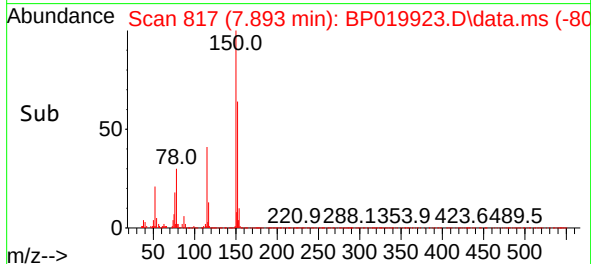
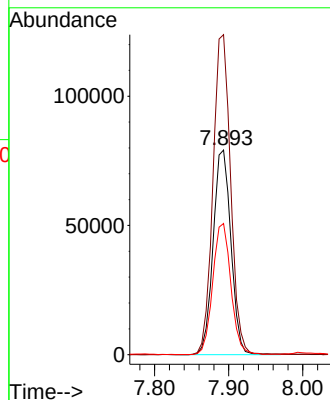
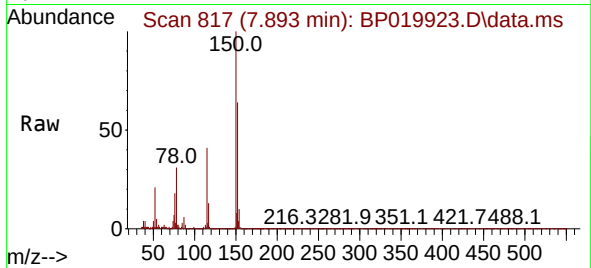




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019923.D
Acq: 28 Feb 2024 18:53

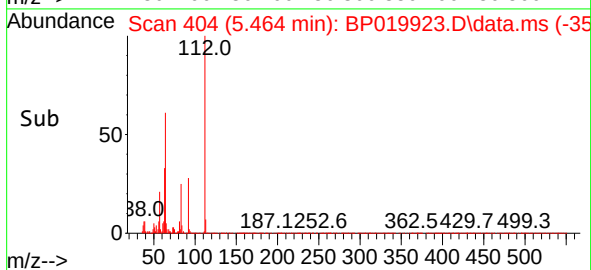
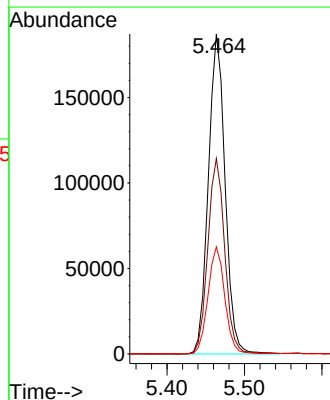
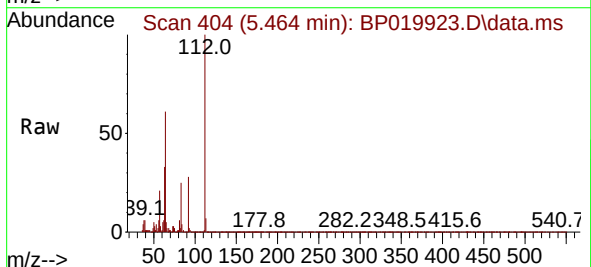
Instrument :
BNA_P
ClientSampleId :
TR-05-022724

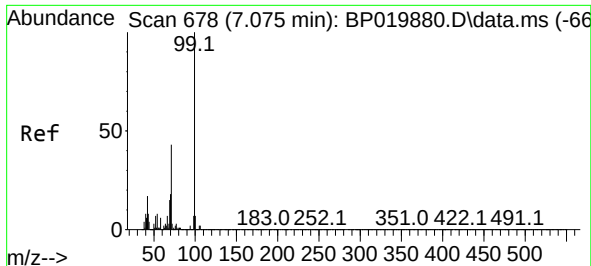
Tgt Ion:152 Resp: 131820
Ion Ratio Lower Upper
152 100
150 156.4 128.6 192.8
115 64.1 53.4 80.2



#5
2-Fluorophenol
Concen: 34.953 ng
RT: 5.464 min Scan# 404
Delta R.T. -0.006 min
Lab File: BP019923.D
Acq: 28 Feb 2024 18:53

Tgt Ion:112 Resp: 280707
Ion Ratio Lower Upper
112 100
64 61.1 49.0 73.6
63 33.4 27.6 41.4

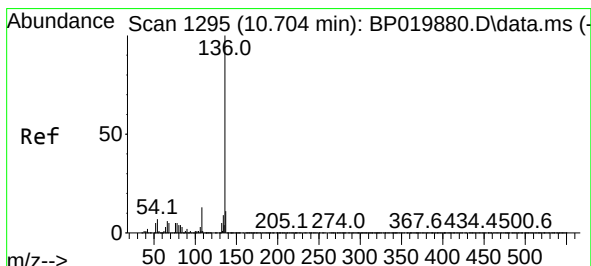
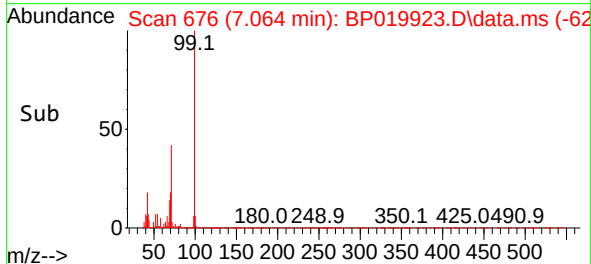
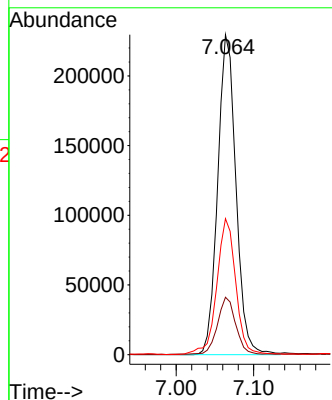
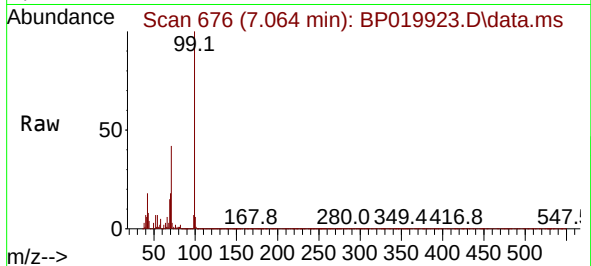




#7
Phenol-d6
Concen: 31.422 ng
RT: 7.064 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019923.D
Acq: 28 Feb 2024 18:53

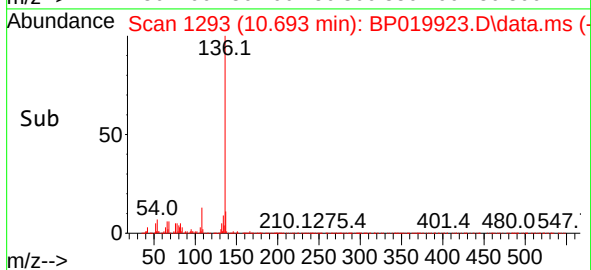
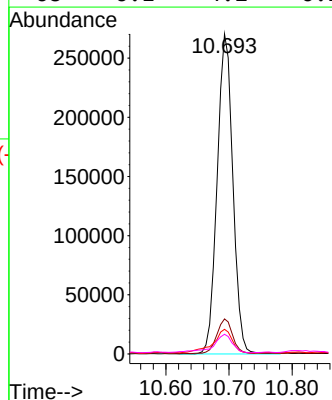
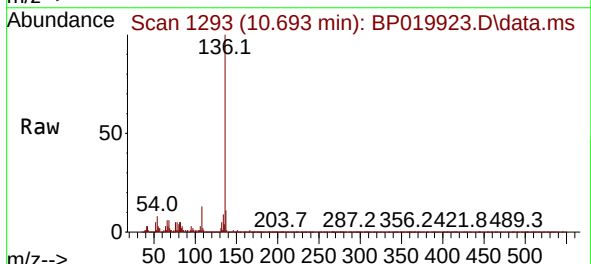
Instrument :
BNA_P
ClientSampleId :
TR-05-022724

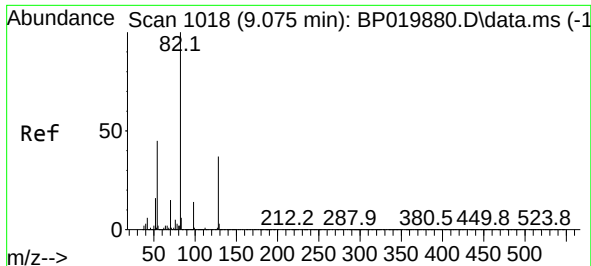
Tgt Ion: 99 Resp: 375721
Ion Ratio Lower Upper
99 100
42 17.9 13.8 20.8
71 42.5 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BP019923.D
Acq: 28 Feb 2024 18:53

Tgt Ion: 136 Resp: 467191
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.7 6.0 9.0
68 6.1 4.2 6.2

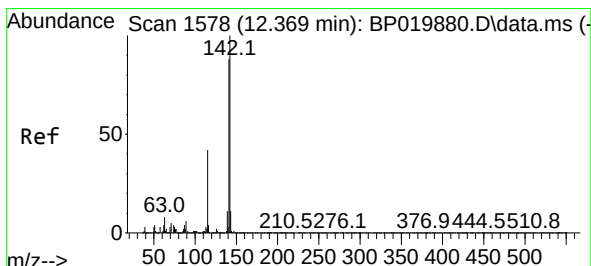
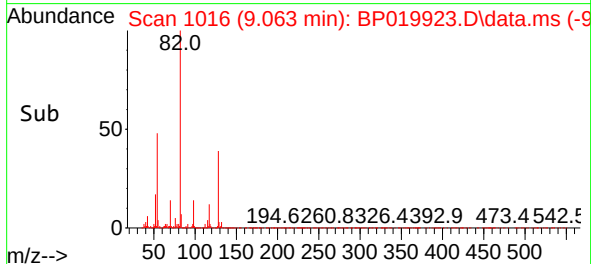
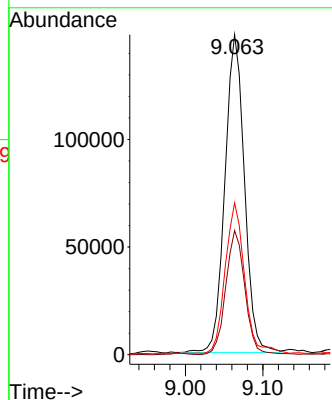
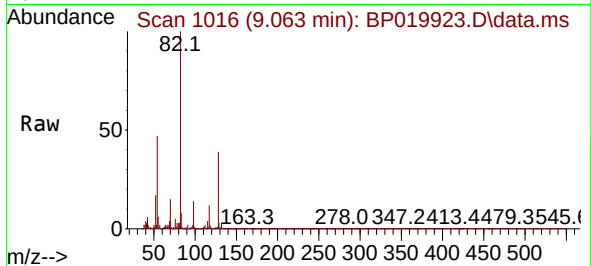




#23
Nitrobenzene-d5
Concen: 22.374 ng
RT: 9.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BP019923.D
Acq: 28 Feb 2024 18:53

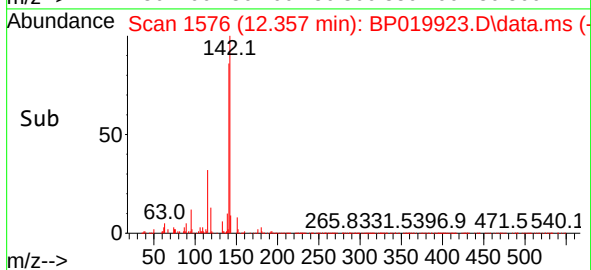
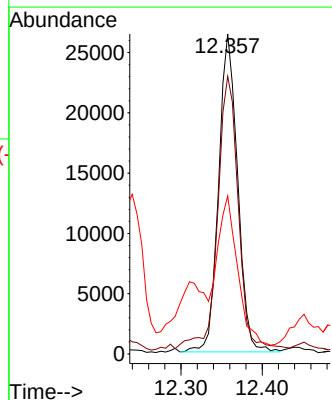
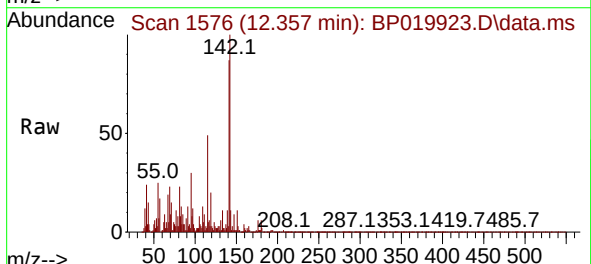
Instrument :
BNA_P
ClientSampleId :
TR-05-022724

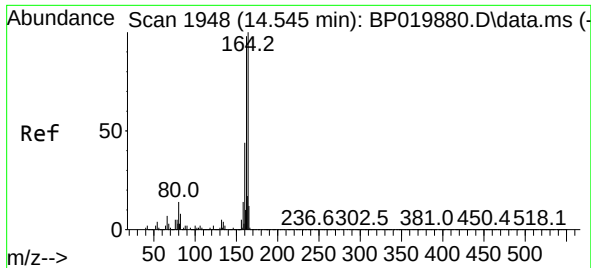
Tgt Ion: 82 Resp: 258923
Ion Ratio Lower Upper
82 100
128 38.8 29.6 44.4
54 47.4 36.3 54.5



#37
2-Methylnaphthalene
Concen: 2.214 ng
RT: 12.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BP019923.D
Acq: 28 Feb 2024 18:53

Tgt Ion: 142 Resp: 42986
Ion Ratio Lower Upper
142 100
141 86.8 70.0 105.0
115 49.4 33.7 50.5

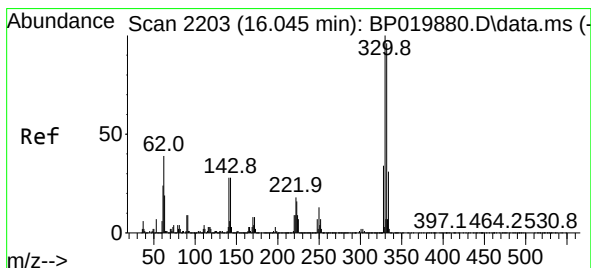
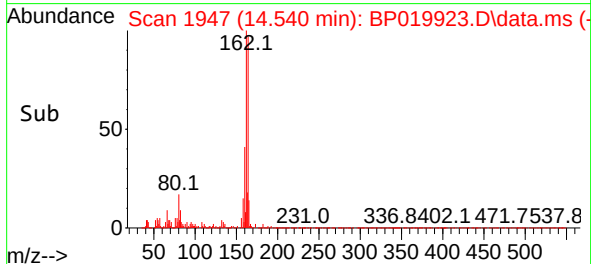
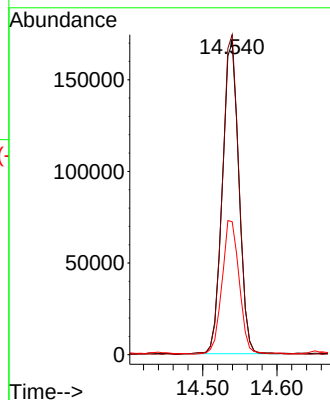
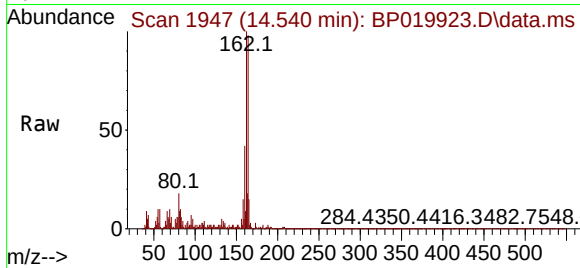




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP019923.D
Acq: 28 Feb 2024 18:53

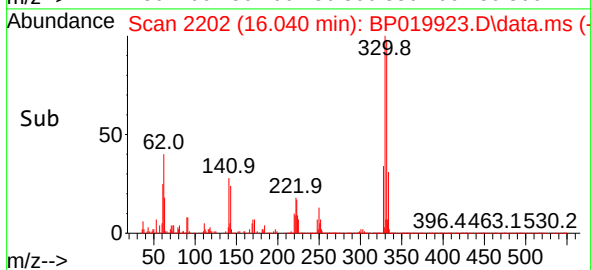
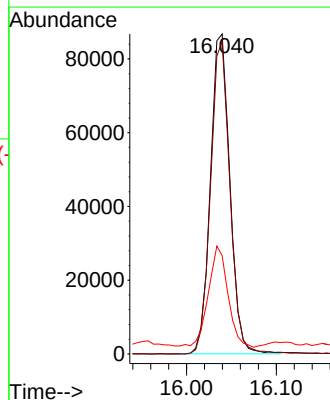
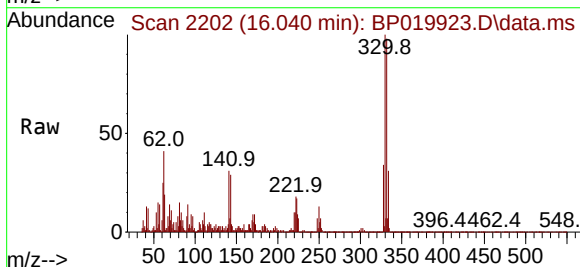
Instrument :
BNA_P
ClientSampleId :
TR-05-022724

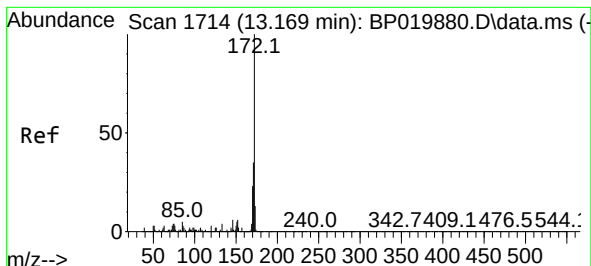
Tgt Ion:164 Resp: 263444
Ion Ratio Lower Upper
164 100
162 102.5 78.1 117.1
160 42.6 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 28.903 ng
RT: 16.040 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BP019923.D
Acq: 28 Feb 2024 18:53

Tgt Ion:330 Resp: 130561
Ion Ratio Lower Upper
330 100
332 97.4 77.4 116.2
141 32.1 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 25.992 ng

RT: 13.157 min Scan# 1712

Delta R.T. -0.012 min

Lab File: BP019923.D

Acq: 28 Feb 2024 18:53

Instrument :

BNA_P

ClientSampleId :

TR-05-022724

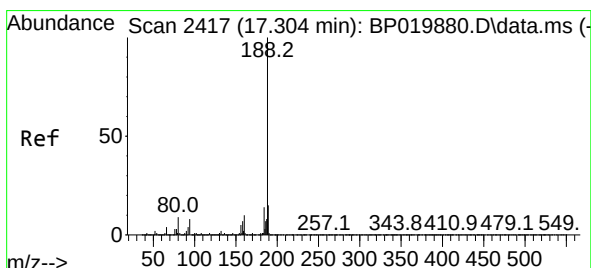
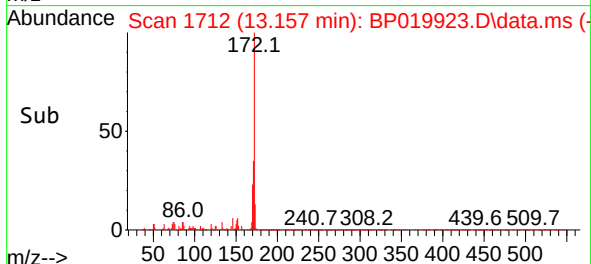
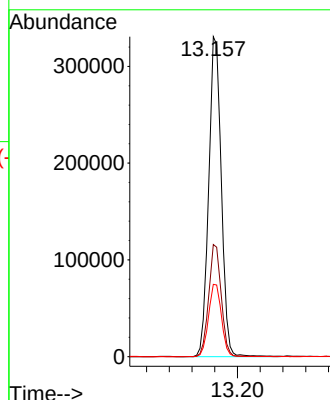
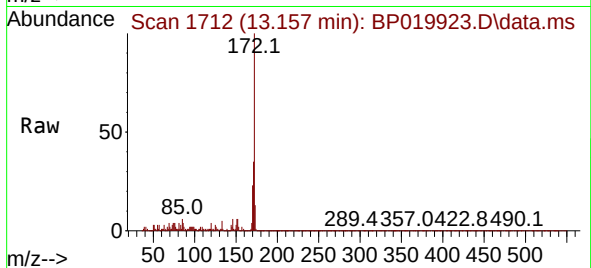
Tgt Ion:172 Resp: 506802

Ion Ratio Lower Upper

172 100

171 35.0 27.8 41.6

170 22.6 18.4 27.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BP019923.D

Acq: 28 Feb 2024 18:53

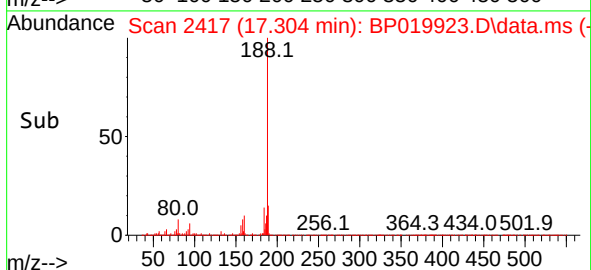
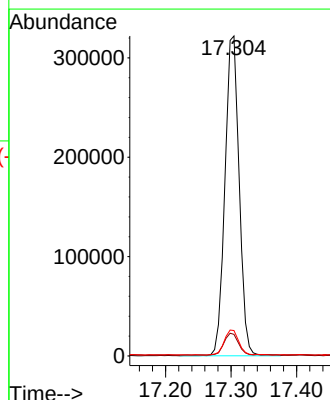
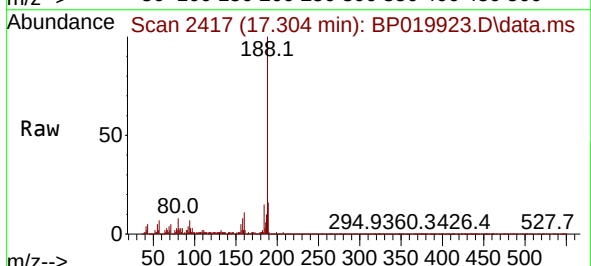
Tgt Ion:188 Resp: 482401

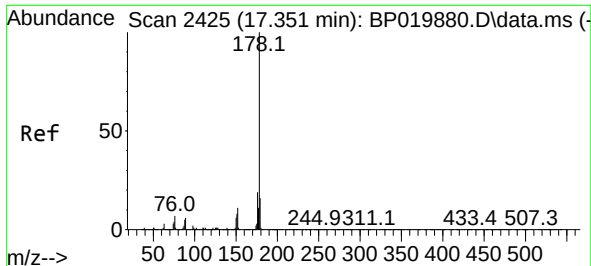
Ion Ratio Lower Upper

188 100

94 6.7 6.2 9.4

80 8.0 7.0 10.4

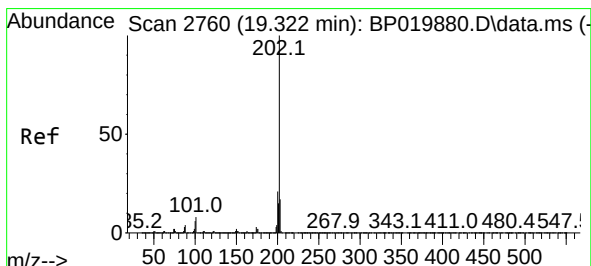
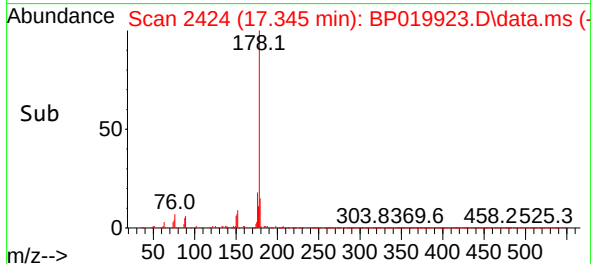
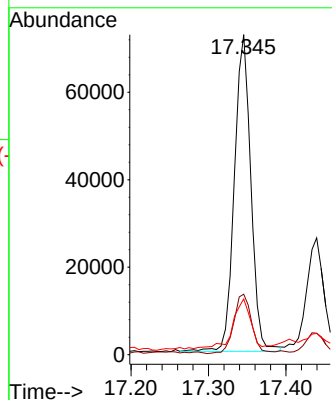
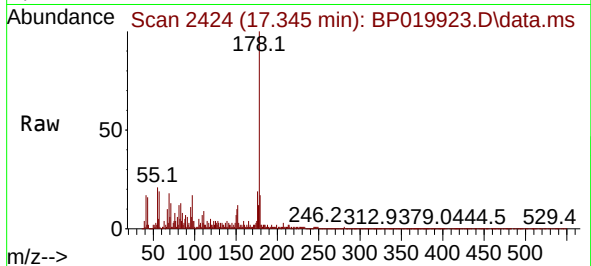




#71
Phenanthrene
Concen: 4.167 ng
RT: 17.345 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BP019923.D
Acq: 28 Feb 2024 18:53

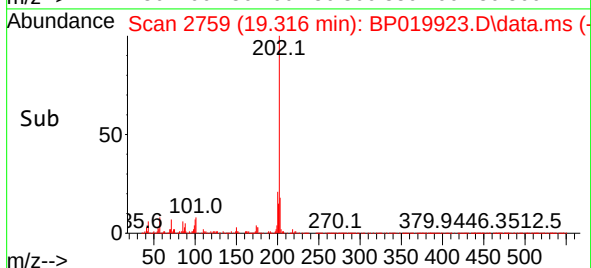
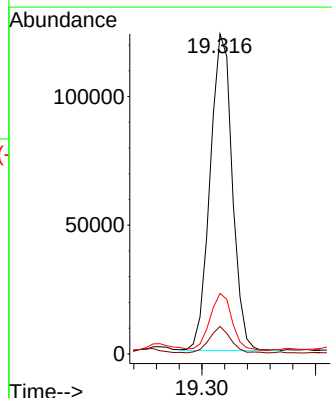
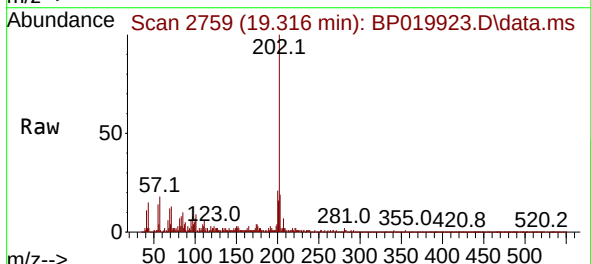
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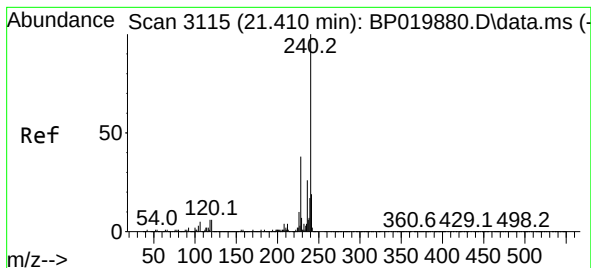
Tgt Ion:178 Resp: 107305
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 17.4 12.5 18.7



#75
Fluoranthene
Concen: 4.991 ng
RT: 19.316 min Scan# 2759
Delta R.T. -0.006 min
Lab File: BP019923.D
Acq: 28 Feb 2024 18:53

Tgt Ion:202 Resp: 166799
Ion Ratio Lower Upper
202 100
101 8.6 0.0 27.7
203 18.9 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.404 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BP019923.D

Acq: 28 Feb 2024 18:53

Instrument :

BNA_P

ClientSampleId :

TR-05-022724

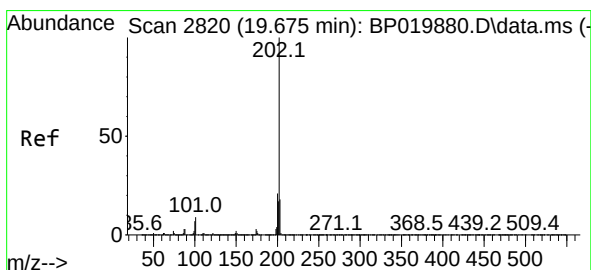
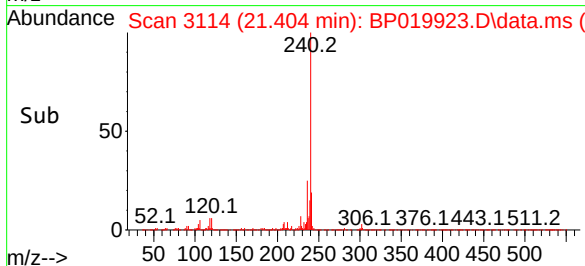
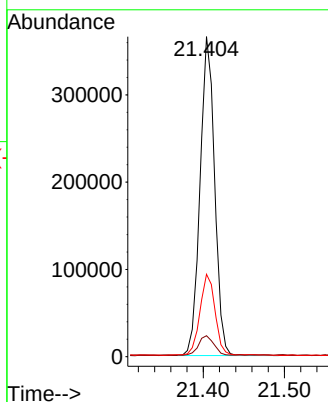
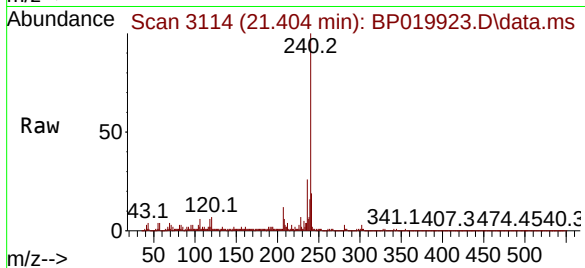
Tgt Ion:240 Resp: 455925

Ion Ratio Lower Upper

240 100

120 6.6 5.1 7.7

236 25.8 20.5 30.7



#78

Pyrene

Concen: 5.587 ng

RT: 19.669 min Scan# 2819

Delta R.T. -0.006 min

Lab File: BP019923.D

Acq: 28 Feb 2024 18:53

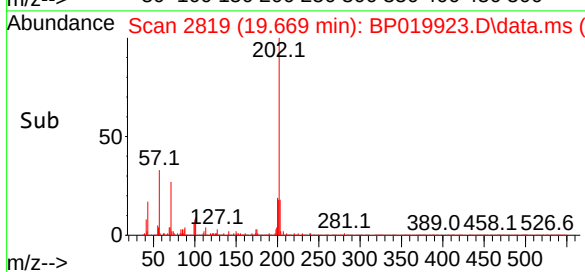
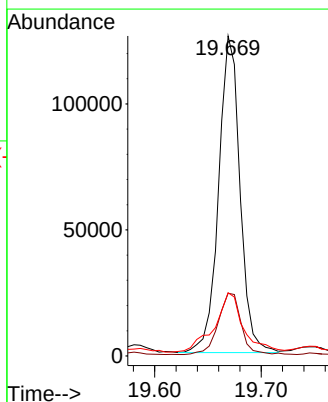
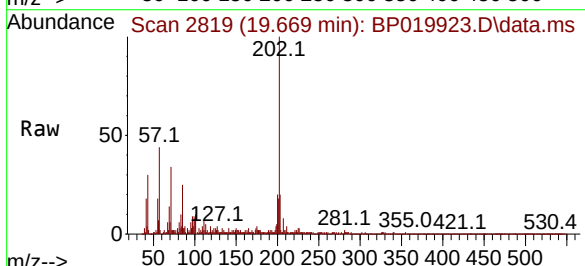
Tgt Ion:202 Resp: 175012

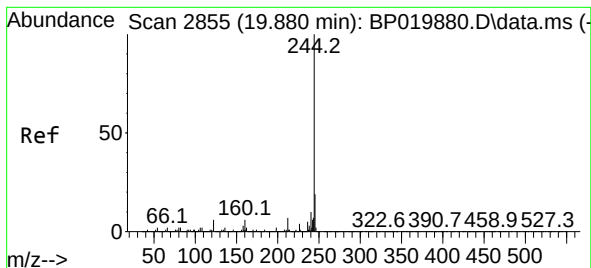
Ion Ratio Lower Upper

202 100

200 19.6 16.7 25.1

203 19.7 14.2 21.2





#79

Terphenyl-d14

Concen: 22.310 ng

RT: 19.875 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019923.D

Acq: 28 Feb 2024 18:53

Instrument :

BNA_P

ClientSampleId :

TR-05-022724

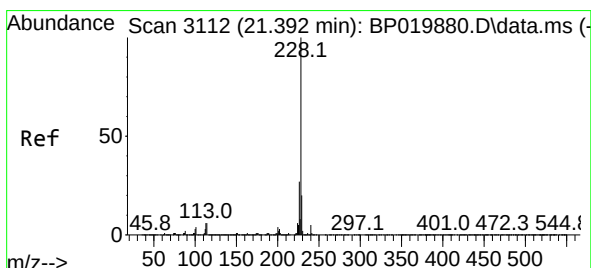
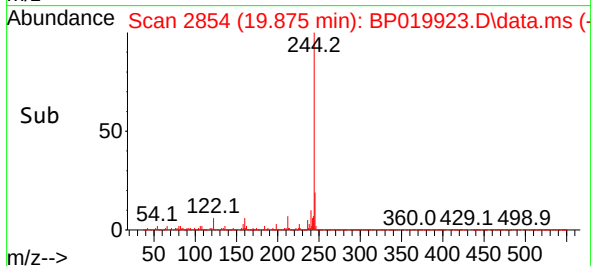
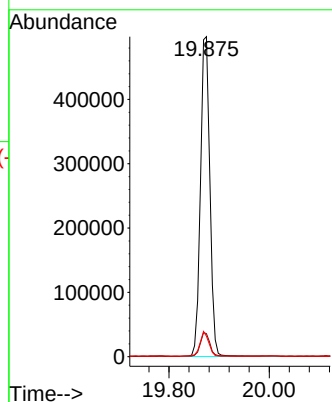
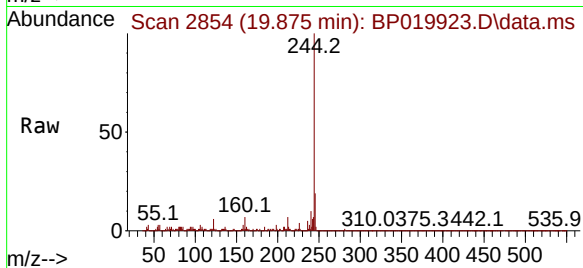
Tgt Ion:244 Resp: 645340

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 6.4 5.0 7.6



#81

Benzo(a)anthracene

Concen: 3.405 ng

RT: 21.392 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP019923.D

Acq: 28 Feb 2024 18:53

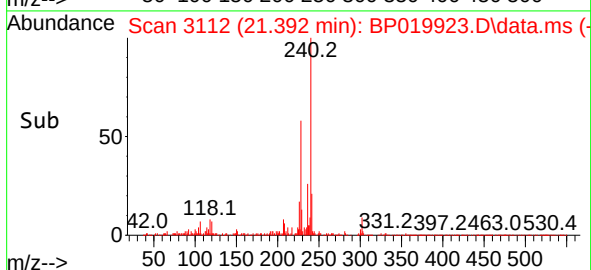
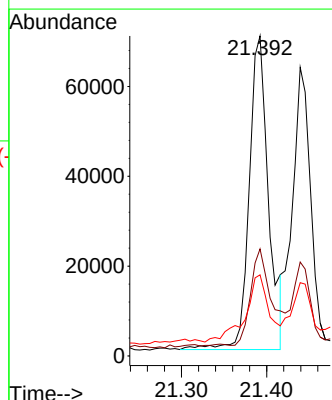
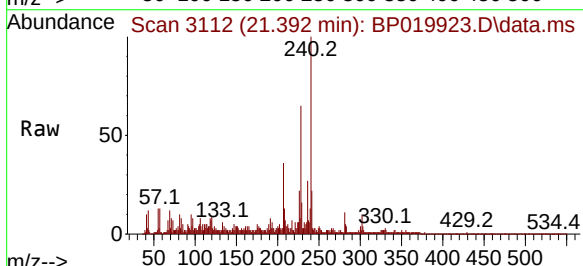
Tgt Ion:228 Resp: 110192

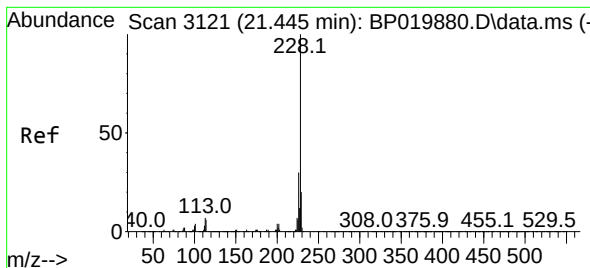
Ion Ratio Lower Upper

228 100

226 33.4 21.5 32.3#

229 25.3 15.6 23.4#





#83

Chrysene

Concen: 3.066 ng

RT: 21.439 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BP019923.D

Acq: 28 Feb 2024 18:53

Instrument :

BNA_P

ClientSampleId :

TR-05-022724

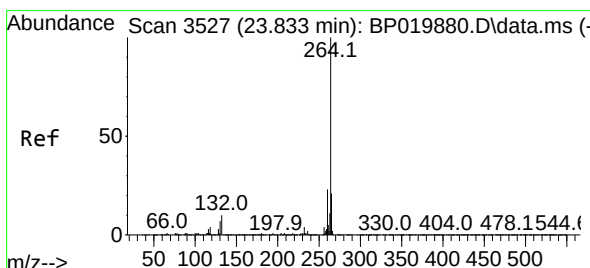
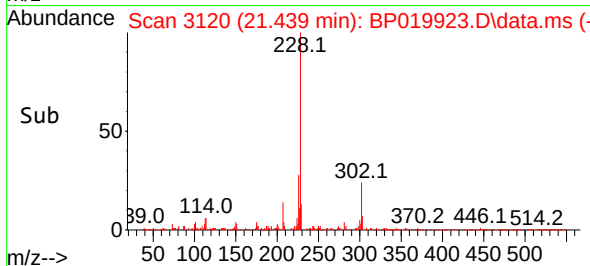
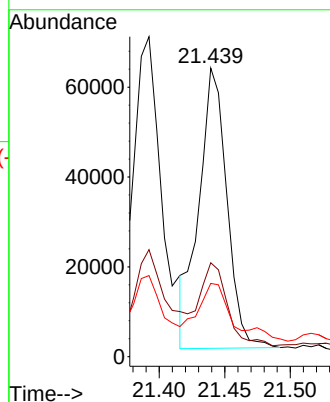
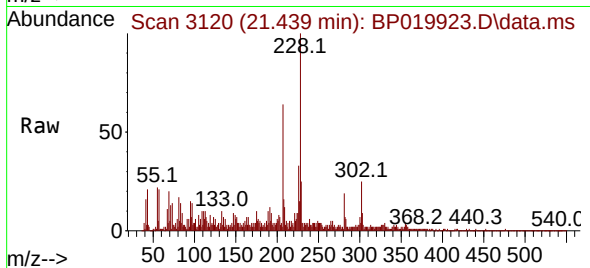
Tgt Ion:228 Resp: 92966

Ion Ratio Lower Upper

228 100

226 32.6 23.9 35.9

229 25.4 15.7 23.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.833 min Scan# 3527

Delta R.T. 0.000 min

Lab File: BP019923.D

Acq: 28 Feb 2024 18:53

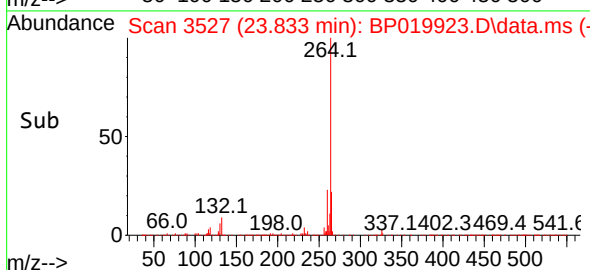
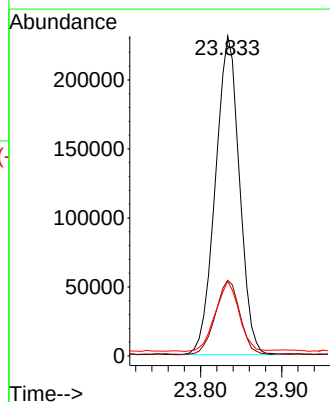
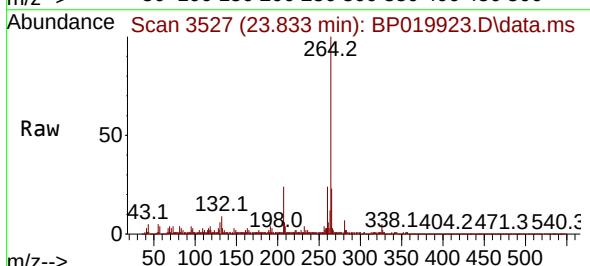
Tgt Ion:264 Resp: 476336

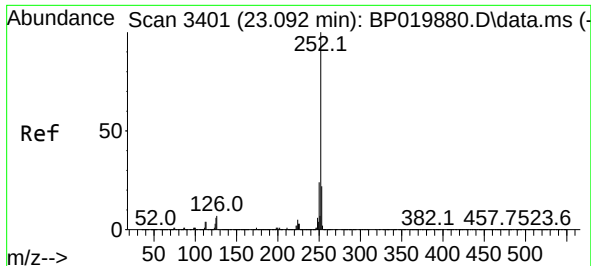
Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 23.4 17.4 26.2

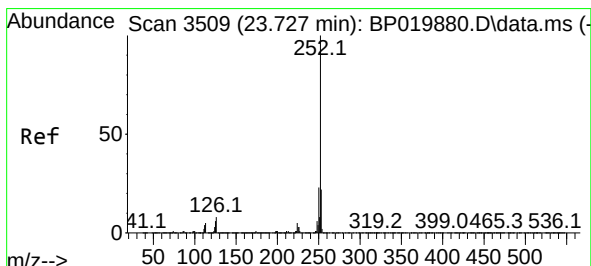
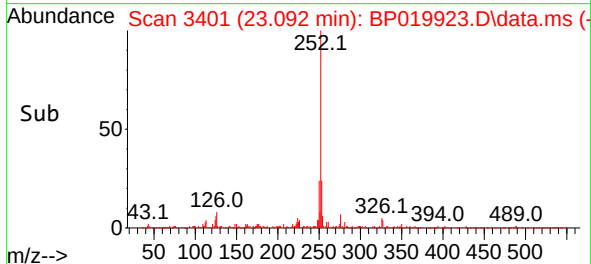
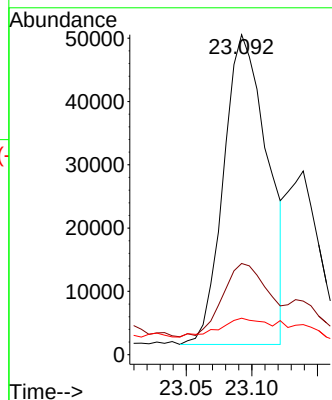
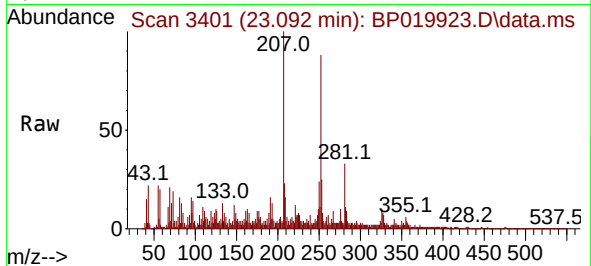




#88
Benzo(b)fluoranthene
Concen: 3.905 ng
RT: 23.092 min Scan# 3401
Delta R.T. 0.000 min
Lab File: BP019923.D
Acq: 28 Feb 2024 18:53

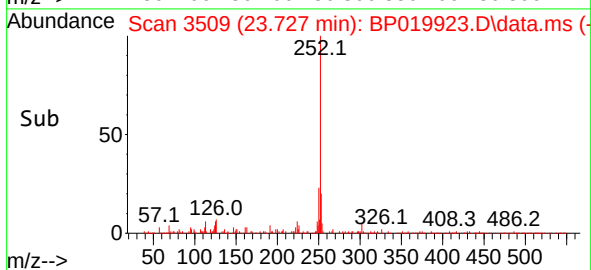
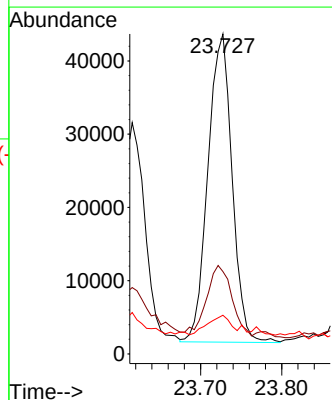
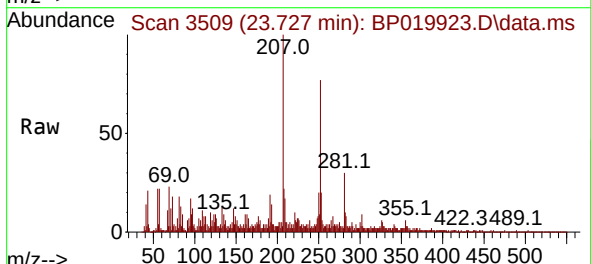
Instrument :
BNA_P
ClientSampleId :
TR-05-022724

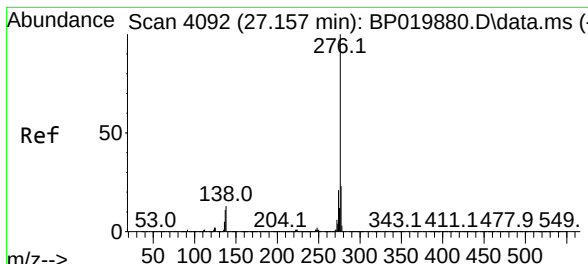
Tgt Ion:252 Resp: 114049
Ion Ratio Lower Upper
252 100
253 28.5 17.6 26.4#
125 11.4 4.6 7.0#



#90
Benzo(a)pyrene
Concen: 3.117 ng
RT: 23.727 min Scan# 3509
Delta R.T. 0.000 min
Lab File: BP019923.D
Acq: 28 Feb 2024 18:53

Tgt Ion:252 Resp: 87001
Ion Ratio Lower Upper
252 100
253 25.7 17.5 26.3
125 12.1 5.2 7.8#





#92
 Benzo(g,h,i)perylene
 Concen: 2.209 ng
 RT: 27.157 min Scan# 4092
 Delta R.T. 0.000 min
 Lab File: BP019923.D
 Acq: 28 Feb 2024 18:53

Instrument :
 BNA_P
 ClientSampleId :
 TR-05-022724

Tgt Ion:	276	Resp:	60124
Ion	Ratio	Lower	Upper
276	100		
277	26.3	18.5	27.7
138	13.3	10.2	15.2

