

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
 Data File : BP009524.D
 Acq On : 24 Mar 2022 01:22
 Operator : CG/JU
 Sample : N2071-04 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PILE

Quant Time: Mar 24 02:15:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 01:19:11 2022
 Response via : Initial Calibration

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

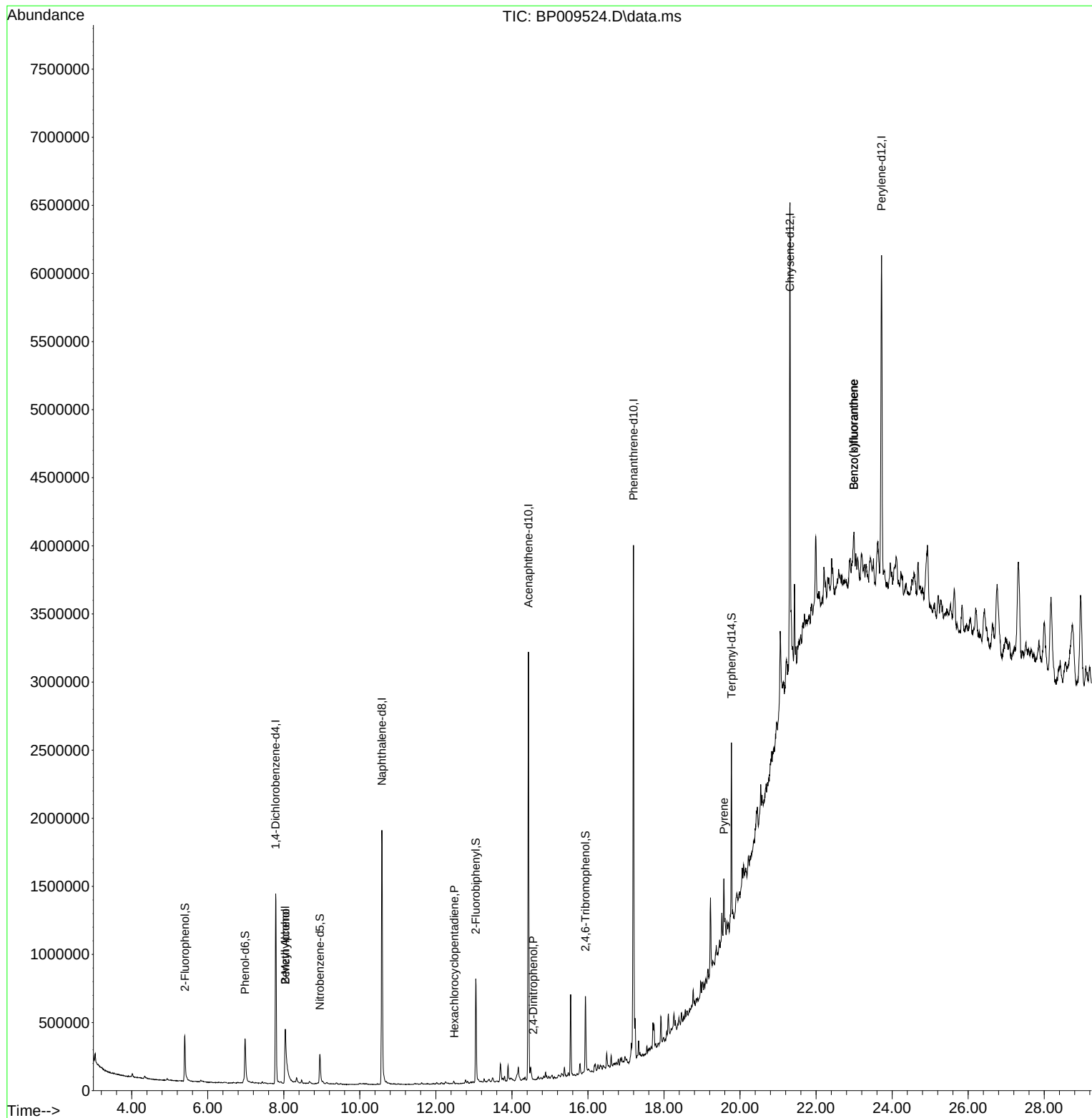
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	437965	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	1815488	20.000	ng	0.00
39) Acenaphthene-d10	14.434	164	1209936	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	2418881	20.000	ng	0.00
76) Chrysene-d12	21.316	240	1804748	20.000	ng	0.00
86) Perylene-d12	23.721	264	1904069	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	213427	8.508	ng	0.00
7) Phenol-d6	6.981	99	280893	8.280	ng	0.00
23) Nitrobenzene-d5	8.951	82	184204	5.392	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	128633	6.443	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	491132	5.627	ng	0.00
79) Terphenyl-d14	19.774	244	680431	6.767	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.946	77	11019	Below Cal		86
15) Benzyl Alcohol	8.040	79	318193	11.764 ng		99
17) 2-Methylphenol	8.040	107	172979	7.376 ng	#	20
41) Hexachlorocyclopentadiene	12.487	237	30	7.290 ng		73
54) 2,4-Dinitrophenol	14.563	184	170	4.546 ng	#	1
78) Pyrene	19.574	202	301110	2.532 ng		97
88) Benzo(b)fluoranthene	22.992	252	252452	2.221 ng	#	62
89) Benzo(k)fluoranthene	22.992	252	252452	2.268 ng	#	61

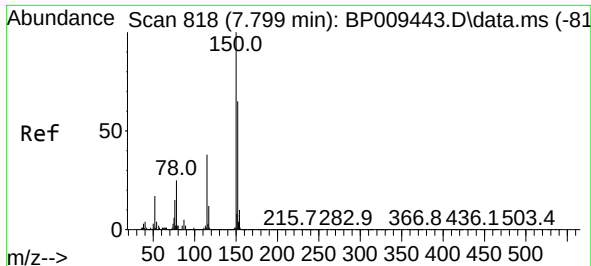
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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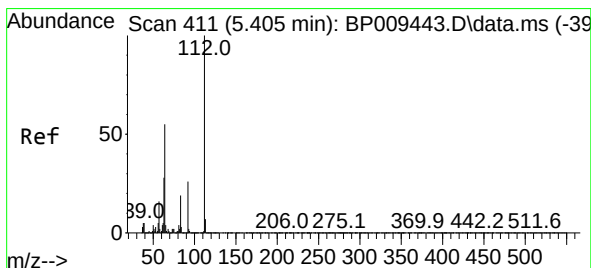
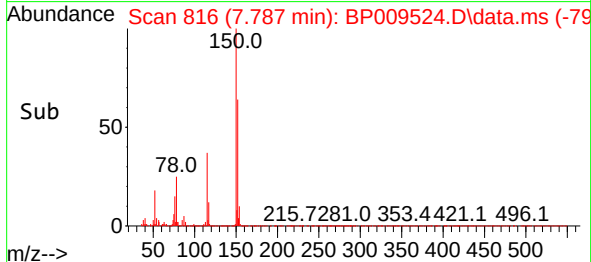
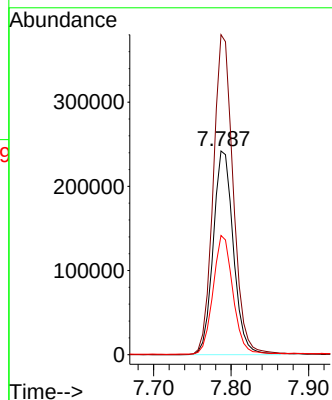
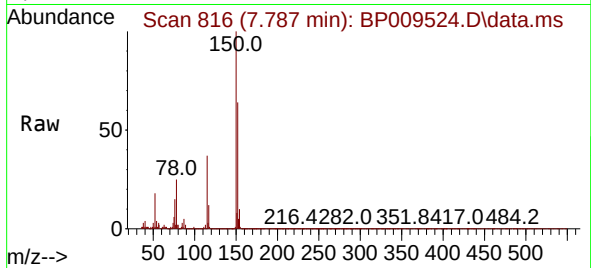




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.787 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP009524.D
 Acq: 24 Mar 2022 01:22

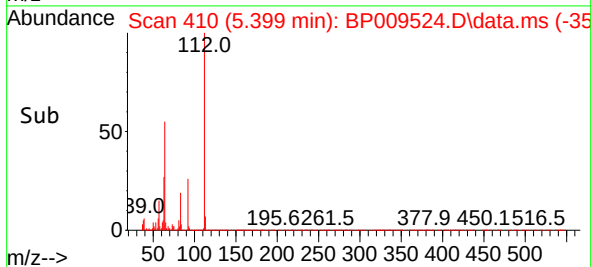
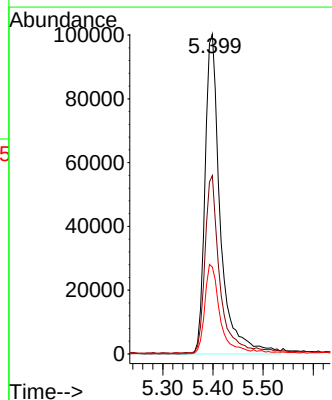
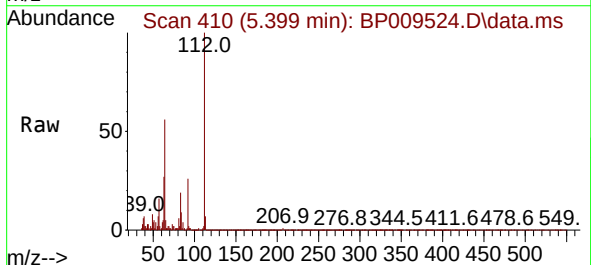
Instrument :
 BNA_P
 ClientSampleId :
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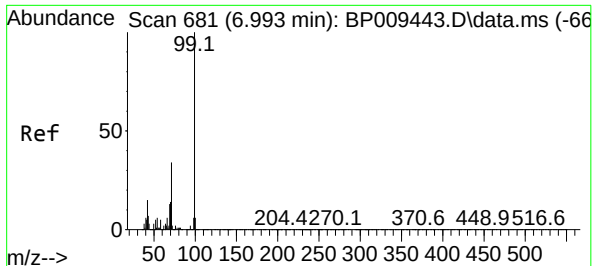
Tgt Ion:152 Resp: 437965
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.5 186.7
 115 58.5 48.2 72.4



#5
 2-Fluorophenol
 Concen: 8.508 ng
 RT: 5.399 min Scan# 410
 Delta R.T. 0.006 min
 Lab File: BP009524.D
 Acq: 24 Mar 2022 01:22

Tgt Ion:112 Resp: 213427
 Ion Ratio Lower Upper
 112 100
 64 55.7 45.0 67.4
 63 27.2 23.0 34.6

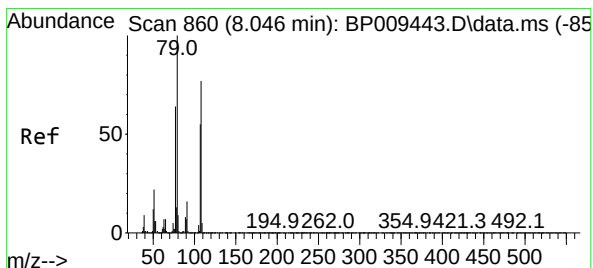
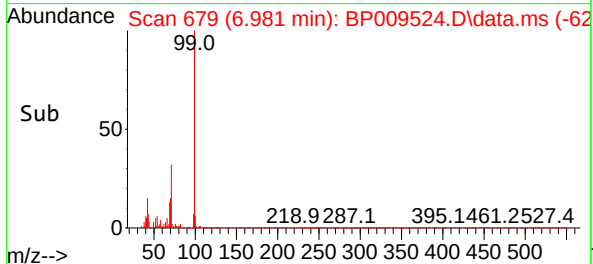
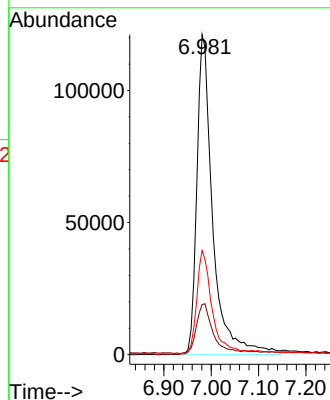
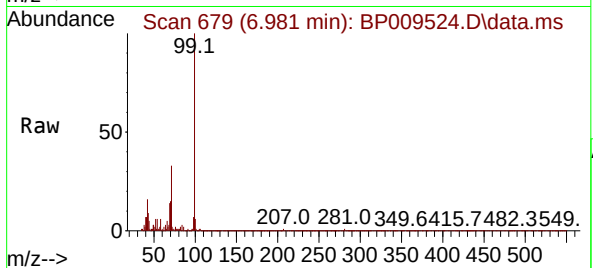




#7
Phenol-d6
Concen: 8.280 ng
RT: 6.981 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP009524.D
Acq: 24 Mar 2022 01:22

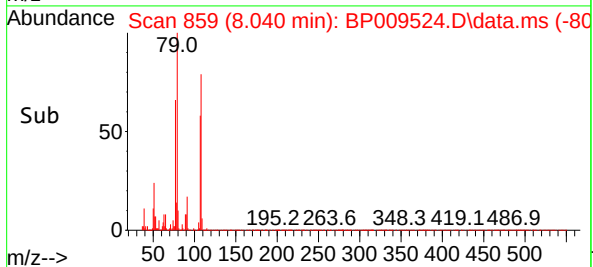
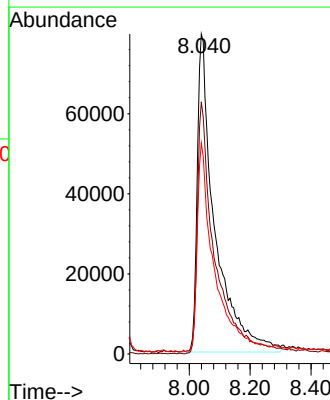
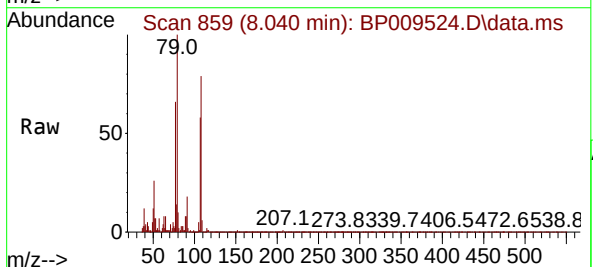
Instrument :
BNA_P
ClientSampleId :
PILE

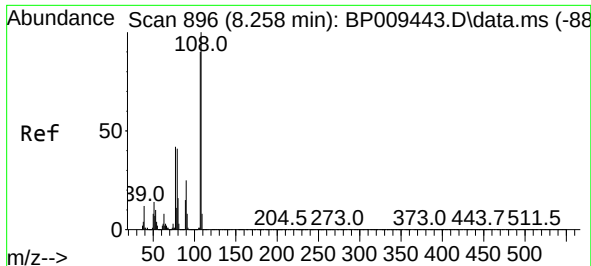
Tgt Ion: 99 Resp: 280893
Ion Ratio Lower Upper
99 100
42 15.7 12.8 19.2
71 32.6 26.3 39.5



#15
Benzyl Alcohol
Concen: 11.764 ng
RT: 8.040 min Scan# 859
Delta R.T. 0.000 min
Lab File: BP009524.D
Acq: 24 Mar 2022 01:22

Tgt Ion: 79 Resp: 318193
Ion Ratio Lower Upper
79 100
108 78.8 62.5 93.7
77 65.9 51.7 77.5

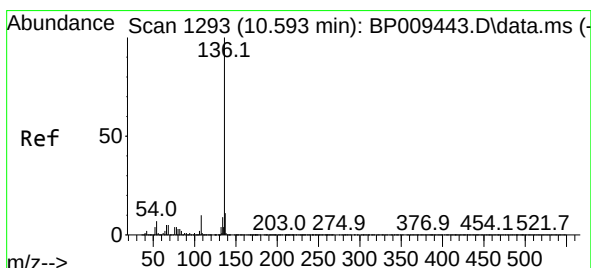
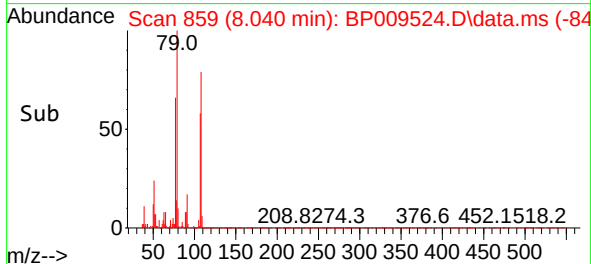
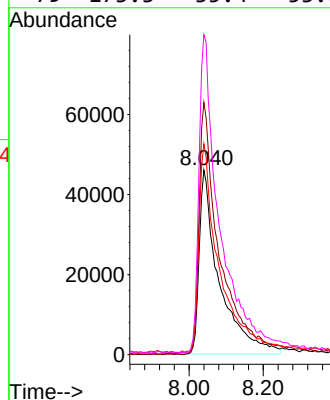
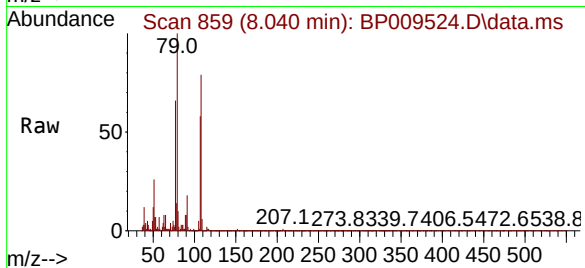




#17
2-Methylphenol
Concen: 7.376 ng
RT: 8.040 min Scan# 81
Delta R.T. -0.206 min
Lab File: BP009524.D
Acq: 24 Mar 2022 01:22

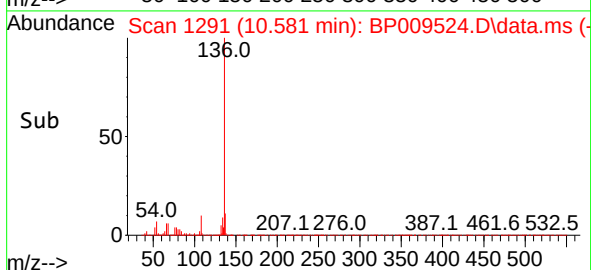
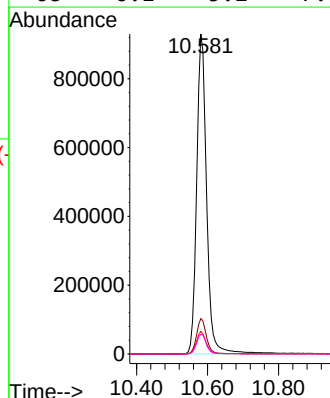
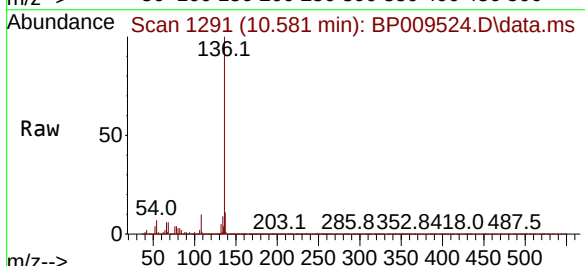
Instrument :
BNA_P
ClientSampleId :
PILE

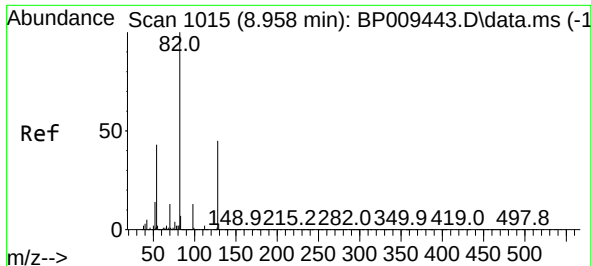
Tgt Ion:107 Resp: 172979
Ion Ratio Lower Upper
107 100
108 136.6 90.2 135.2#
77 114.3 36.3 54.5#
79 173.3 35.4 53.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BP009524.D
Acq: 24 Mar 2022 01:22

Tgt Ion:136 Resp: 1815488
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.1 5.8 8.8
68 6.1 5.2 7.8

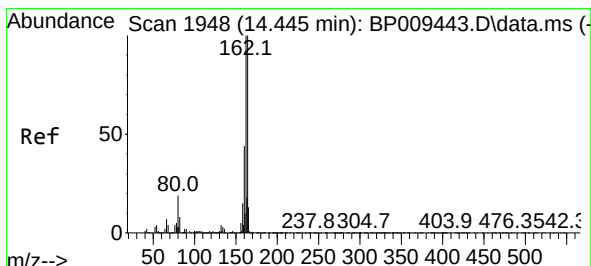
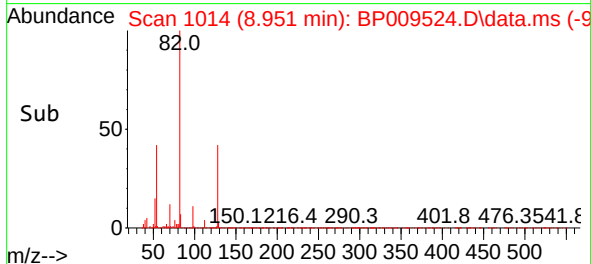
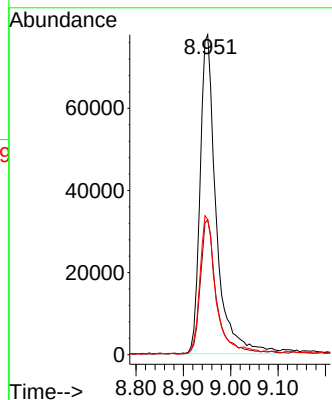
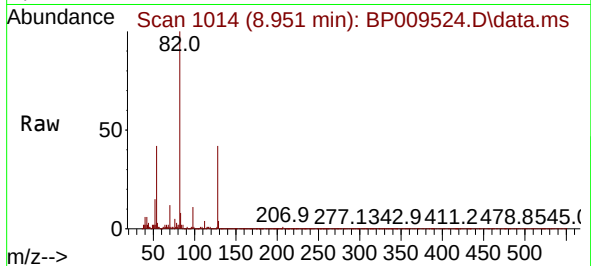




#23
Nitrobenzene-d5
Concen: 5.392 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.006 min
Lab File: BP009524.D
Acq: 24 Mar 2022 01:22

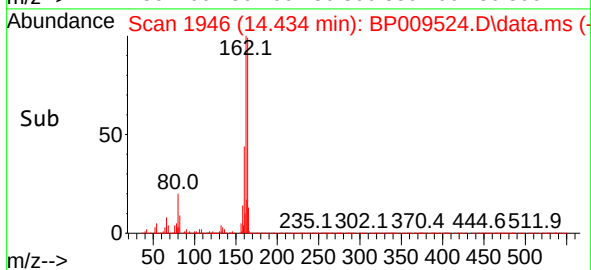
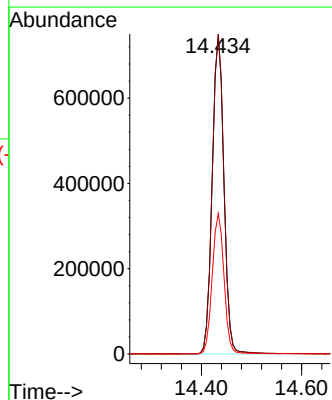
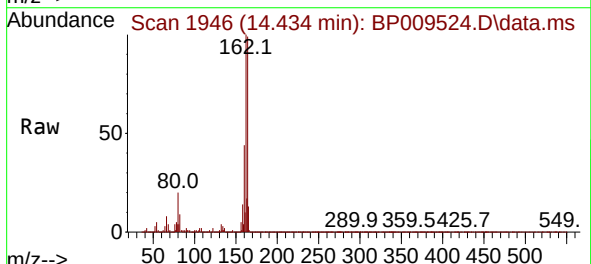
Instrument :
BNA_P
ClientSampleId :
PILE

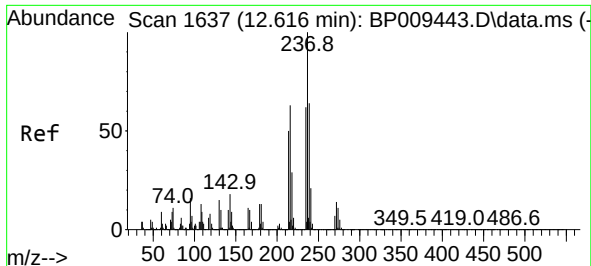
Tgt Ion: 82 Resp: 184204
Ion Ratio Lower Upper
82 100
128 42.2 34.2 51.4
54 42.2 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP009524.D
Acq: 24 Mar 2022 01:22

Tgt Ion: 164 Resp: 1209936
Ion Ratio Lower Upper
164 100
162 100.8 79.1 118.7
160 44.2 34.9 52.3

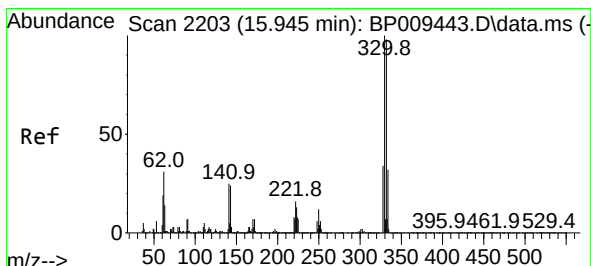
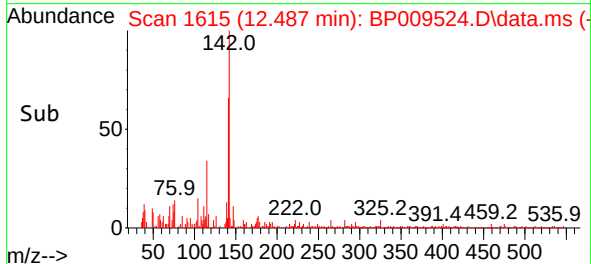
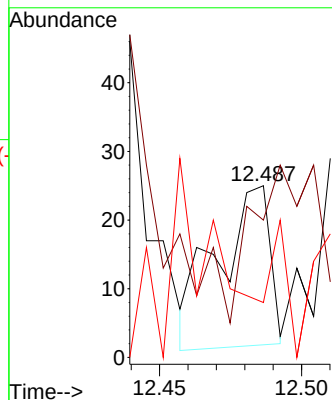
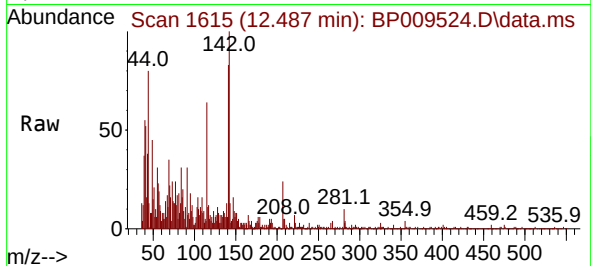




#41
Hexachlorocyclopentadiene
Concen: 7.290 ng
RT: 12.487 min Scan# 1
Delta R.T. -0.118 min
Lab File: BP009524.D
Acq: 24 Mar 2022 01:22

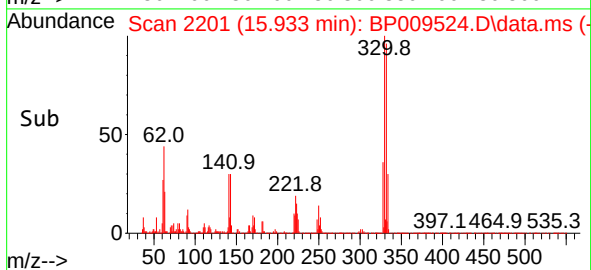
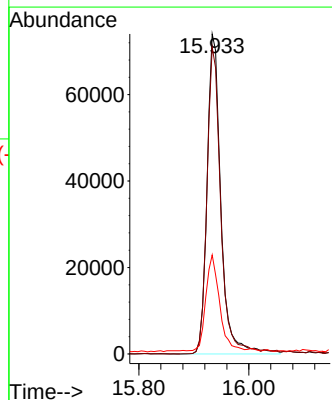
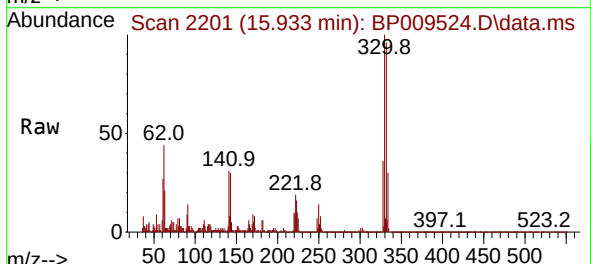
Instrument :
BNA_P
ClientSampleId :
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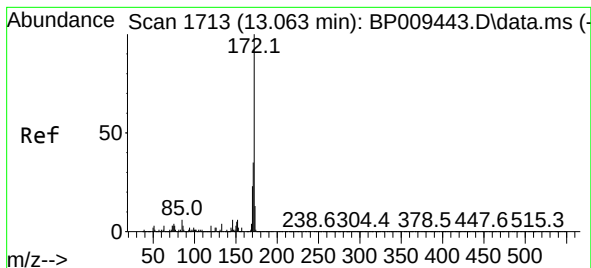
Tgt Ion: 237 Resp: 30
Ion Ratio Lower Upper
237 100
235 80.0 42.6 82.6
272 32.0 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 6.443 ng
RT: 15.933 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BP009524.D
Acq: 24 Mar 2022 01:22

Tgt Ion: 330 Resp: 128633
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 29.5 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 5.627 ng

RT: 13.051 min Scan# 1711

Delta R.T. -0.006 min

Lab File: BP009524.D

Acq: 24 Mar 2022 01:22

Instrument :

BNA_P

ClientSampleId :

PILE

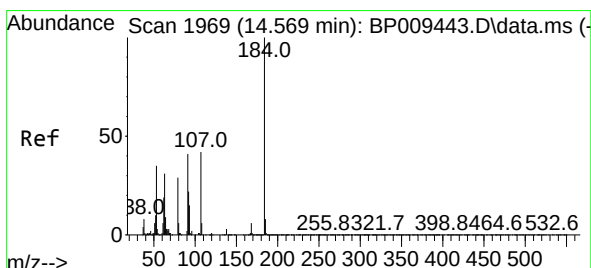
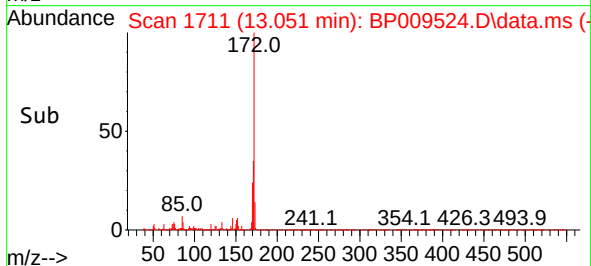
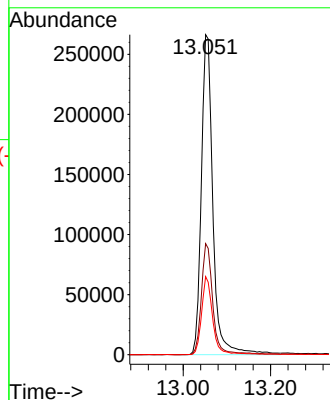
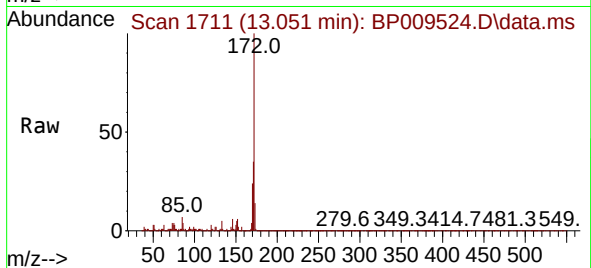
Tgt Ion:172 Resp: 491132

Ion Ratio Lower Upper

172 100

171 34.7 28.0 42.0

170 24.4 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 4.546 ng

RT: 14.563 min Scan# 1968

Delta R.T. 0.000 min

Lab File: BP009524.D

Acq: 24 Mar 2022 01:22

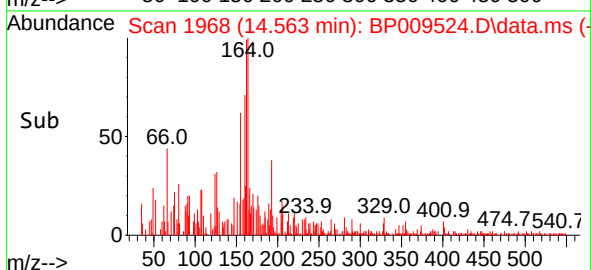
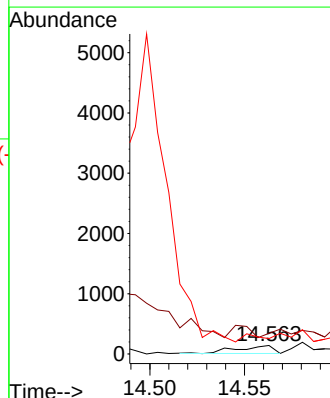
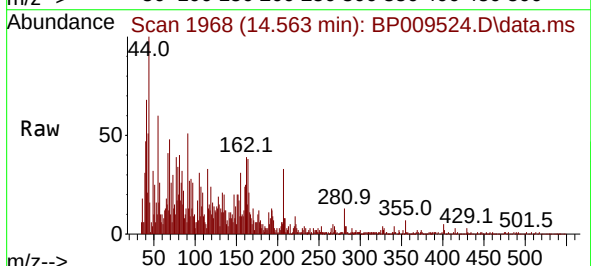
Tgt Ion:184 Resp: 170

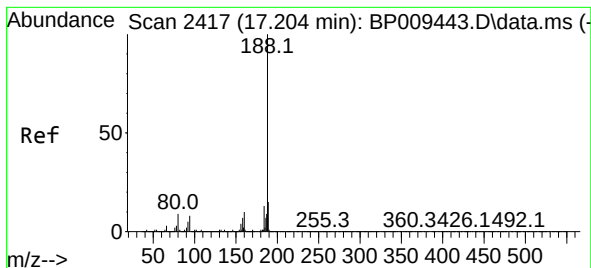
Ion Ratio Lower Upper

184 100

63 240.8 46.3 69.5#

154 180.3 45.8 68.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.198 min Scan# 2416

Delta R.T. 0.000 min

Lab File: BP009524.D

Acq: 24 Mar 2022 01:22

Instrument :

BNA_P

ClientSampleId :

PILE

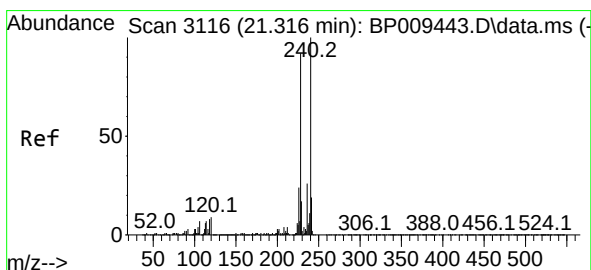
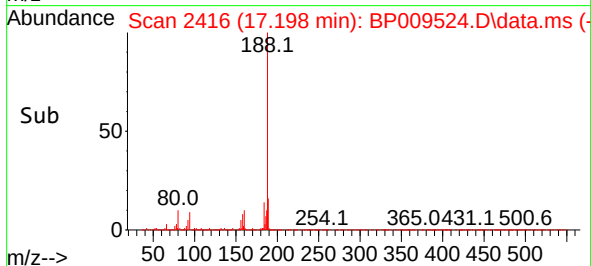
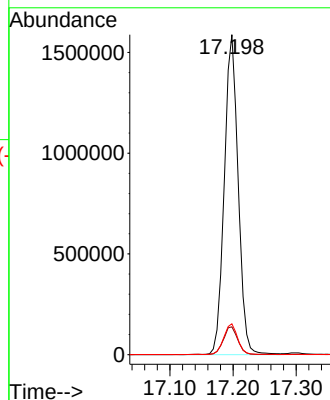
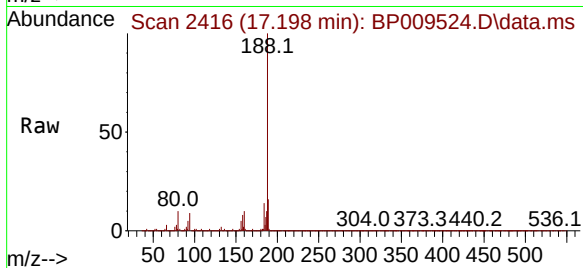
Tgt Ion:188 Resp: 2418881

Ion Ratio Lower Upper

188 100

94 8.7 7.9 11.9

80 9.7 8.8 13.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.316 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BP009524.D

Acq: 24 Mar 2022 01:22

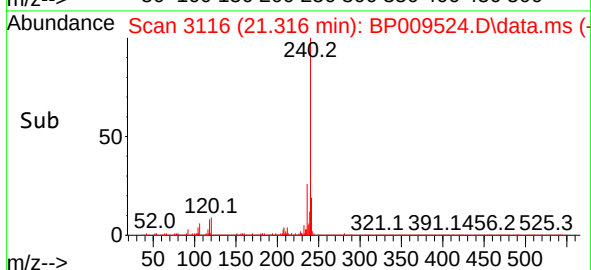
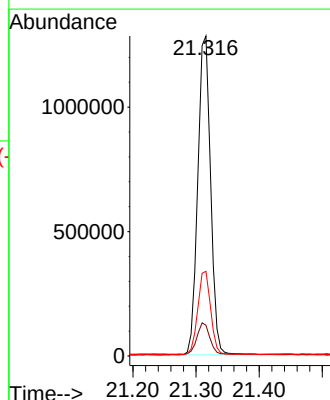
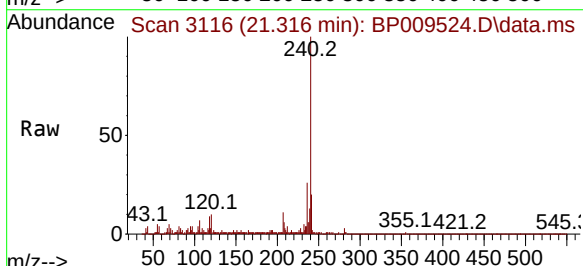
Tgt Ion:240 Resp: 1804748

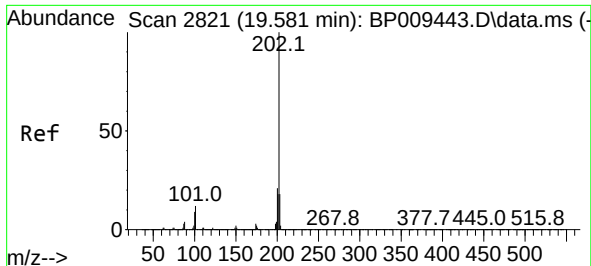
Ion Ratio Lower Upper

240 100

120 9.6 9.0 13.4

236 26.5 20.6 30.8

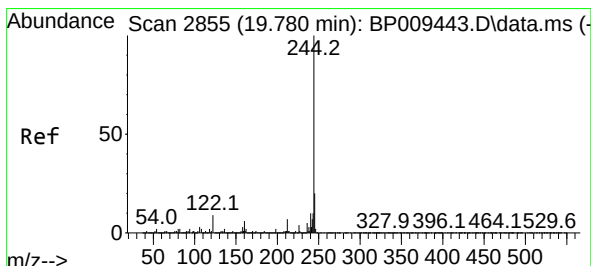
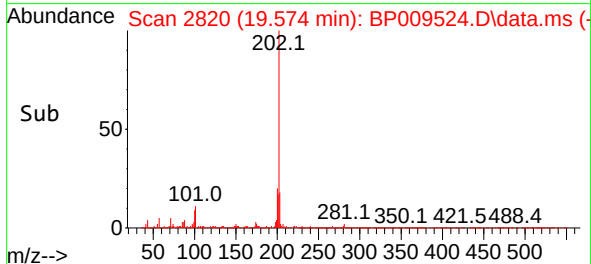
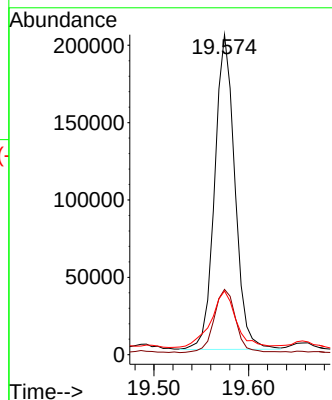
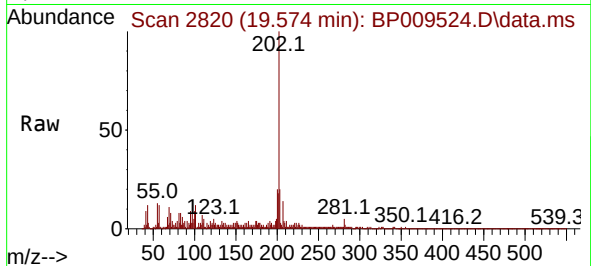




#78
 Pyrene
 Concen: 2.532 ng
 RT: 19.574 min Scan# 2821
 Delta R.T. 0.000 min
 Lab File: BP009524.D
 Acq: 24 Mar 2022 01:22

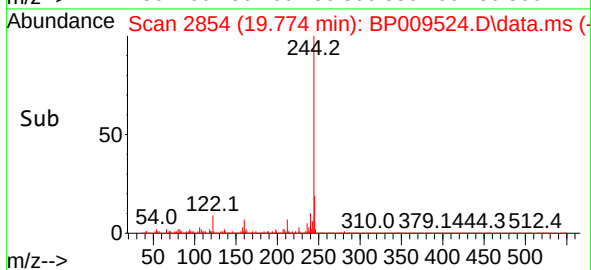
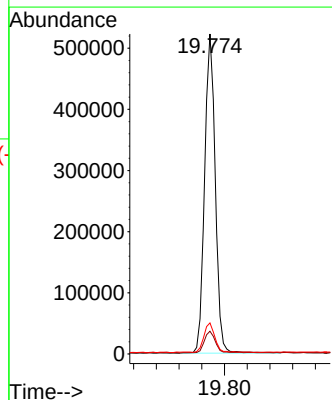
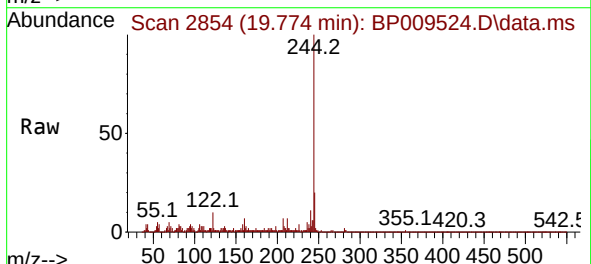
Instrument :
 BNA_P
 ClientSampleId :
 PILE

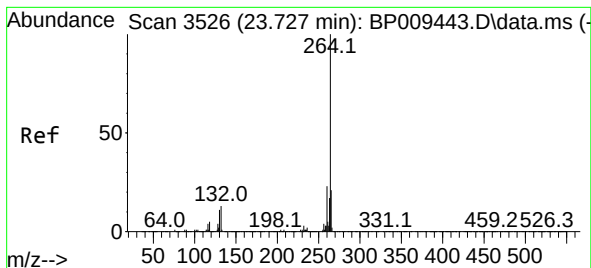
Tgt Ion:202 Resp: 301110
 Ion Ratio Lower Upper
 202 100
 200 20.4 16.8 25.2
 203 19.9 14.2 21.4



#79
 Terphenyl-d14
 Concen: 6.767 ng
 RT: 19.774 min Scan# 2854
 Delta R.T. -0.006 min
 Lab File: BP009524.D
 Acq: 24 Mar 2022 01:22

Tgt Ion:244 Resp: 680431
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 9.7 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.721 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP009524.D

Acq: 24 Mar 2022 01:22

Instrument :

BNA_P

ClientSampleId :

PILE

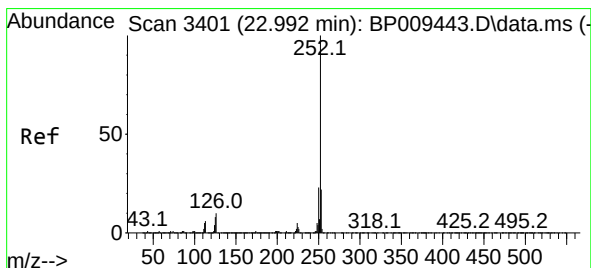
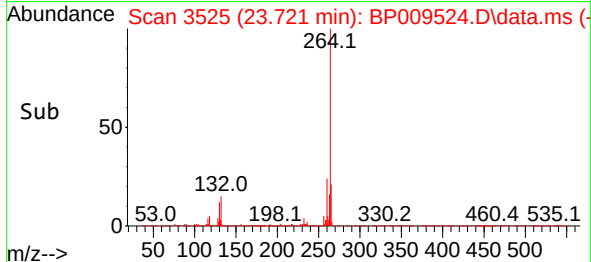
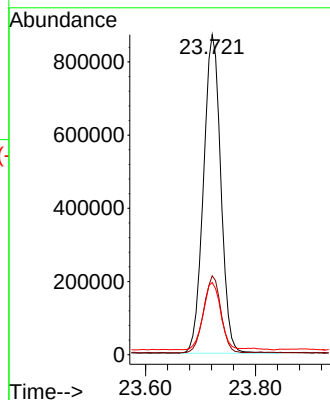
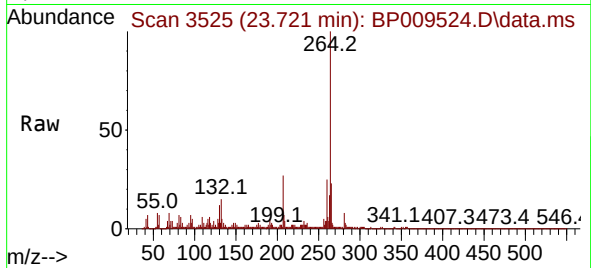
Tgt Ion:264 Resp: 1904069

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.0

265 22.5 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 2.221 ng

RT: 22.992 min Scan# 3401

Delta R.T. 0.006 min

Lab File: BP009524.D

Acq: 24 Mar 2022 01:22

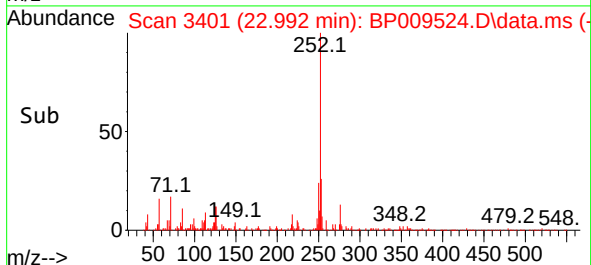
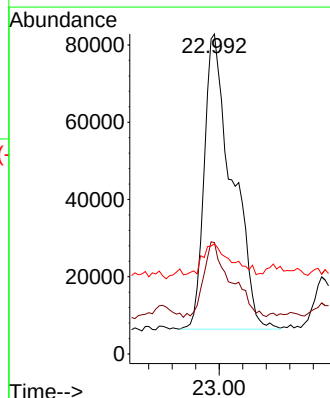
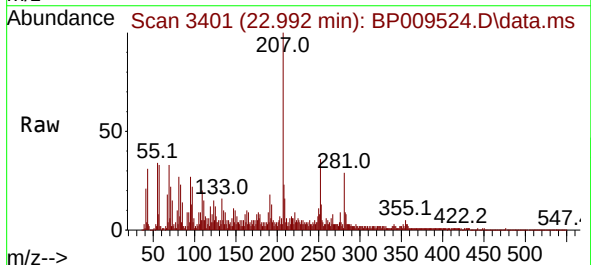
Tgt Ion:252 Resp: 252452

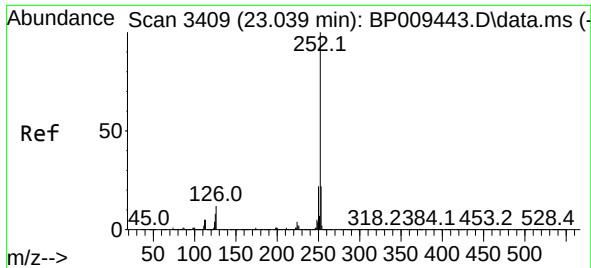
Ion Ratio Lower Upper

252 100

253 34.8 17.8 26.8#

125 34.5 8.1 12.1#





#89
Benzo(k)fluoranthene
Concen: 2.268 ng
RT: 22.992 min Scan# 34
Delta R.T. -0.047 min
Lab File: BP009524.D
Acq: 24 Mar 2022 01:22

Instrument :
BNA_P
ClientSampleId :
PILE

Tgt Ion:252 Resp: 252452
Ion Ratio Lower Upper
252 100
253 34.8 17.5 26.3#
125 34.5 8.3 12.5#

