

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
 Data File : BP009127.D
 Acq On : 11 Feb 2022 22:58
 Operator : CG/JU
 Sample : N1496-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OK-01-021022

Quant Time: Feb 12 00:40:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

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

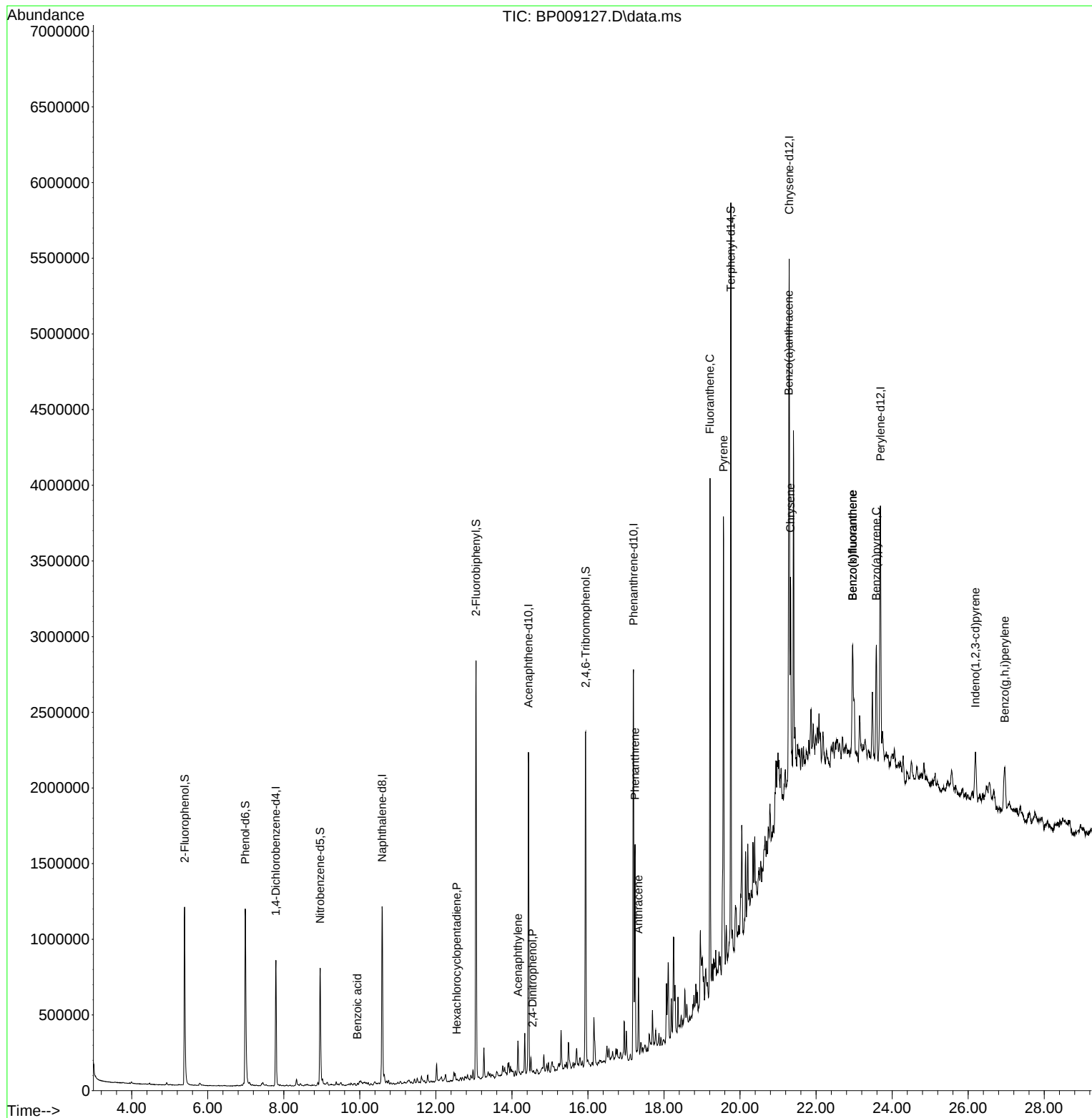
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	264917	20.000	ng	-0.01
21) Naphthalene-d8	10.587	136	1091619	20.000	ng	-0.02
39) Acenaphthene-d10	14.434	164	800592	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	1695928	20.000	ng	0.00
76) Chrysene-d12	21.292	240	1495478	20.000	ng	0.00
86) Perylene-d12	23.692	264	1502832	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	644720	43.412	ng	0.00
7) Phenol-d6	6.987	99	860481	43.972	ng	0.00
23) Nitrobenzene-d5	8.957	82	520469	26.888	ng	-0.01
42) 2,4,6-Tribromophenol	15.939	330	517438	48.407	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	1564523	27.357	ng	-0.01
79) Terphenyl-d14	19.757	244	2561944	30.808	ng	-0.01
Target Compounds						Qvalue
32) Benzoic acid	9.934	122	115	2.700	ng	# 1
41) Hexachlorocyclopentadiene	12.551	237	23	8.658	ng	85
49) Acenaphthylene	14.157	152	204502	2.902	ng	99
54) 2,4-Dinitrophenol	14.545	184	362	2.239	ng	# 1
71) Phenanthrene	17.239	178	884413	9.631	ng	98
72) Anthracene	17.328	178	350949	3.906	ng	100
75) Fluoranthene	19.210	202	1896017	18.422	ng	98
78) Pyrene	19.563	202	1878403	17.657	ng	98
81) Benzo(a)anthracene	21.280	228	872049	9.049	ng	98
83) Chrysene	21.327	228	780604	8.402	ng	97
87) Indeno(1,2,3-cd)pyrene	26.192	276	438550	3.927	ng	# 94
88) Benzo(b)fluoranthene	22.963	252	887072	9.588	ng	# 96
89) Benzo(k)fluoranthene	22.963	252	887072	9.611	ng	# 96
90) Benzo(a)pyrene	23.586	252	681493	8.835	ng	97
92) Benzo(g,h,i)perylene	26.962	276	434779	4.759	ng	96

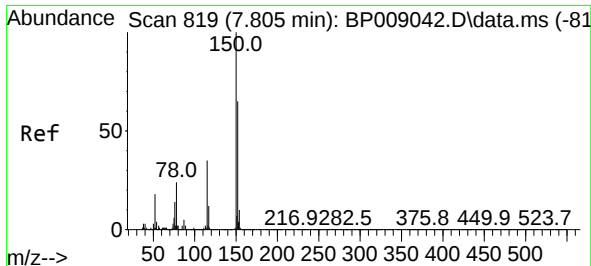
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration

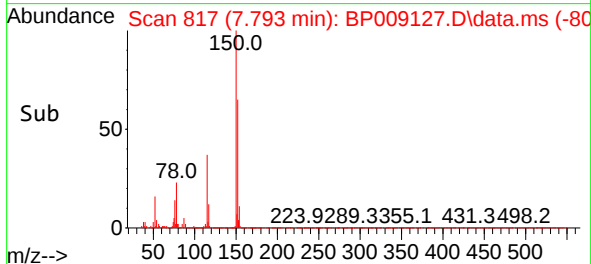
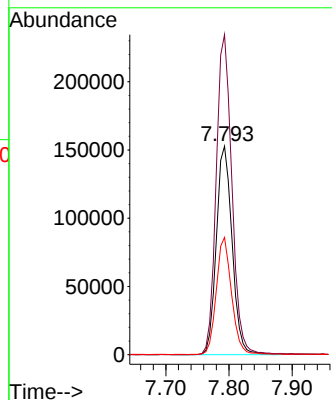
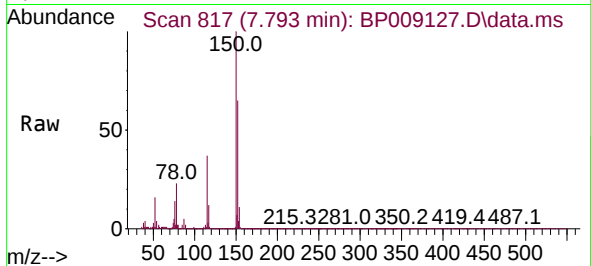




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 819
Delta R.T. -0.012 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

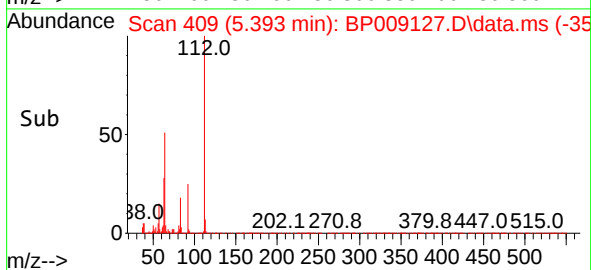
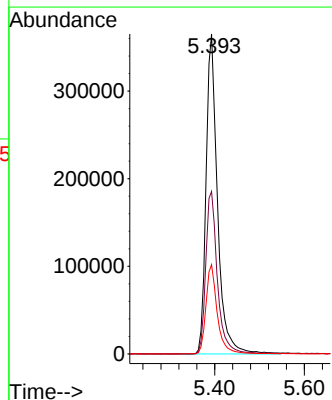
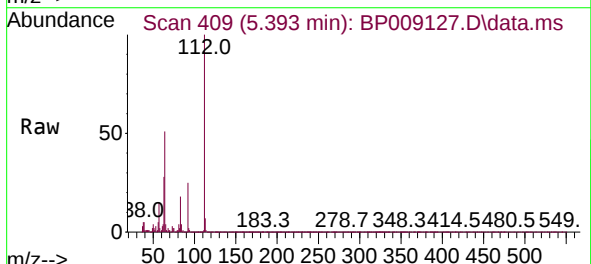
Instrument :
BNA_P
ClientSampleId :
OK-01-021022

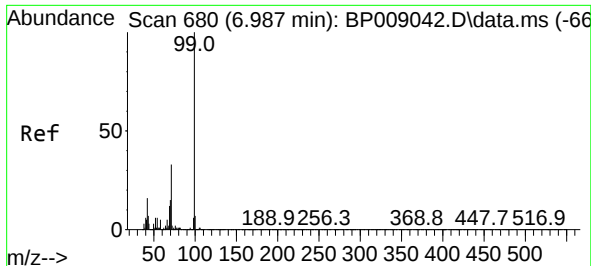
Tgt Ion:152 Resp: 264917
Ion Ratio Lower Upper
152 100
150 153.4 127.0 190.6
115 56.2 43.7 65.5



#5
2-Fluorophenol
Concen: 43.412 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

Tgt Ion:112 Resp: 644720
Ion Ratio Lower Upper
112 100
64 50.8 39.7 59.5
63 27.9 20.0 30.0

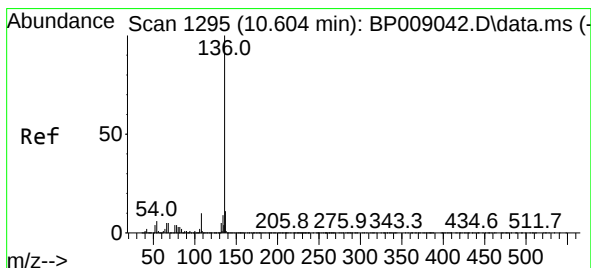
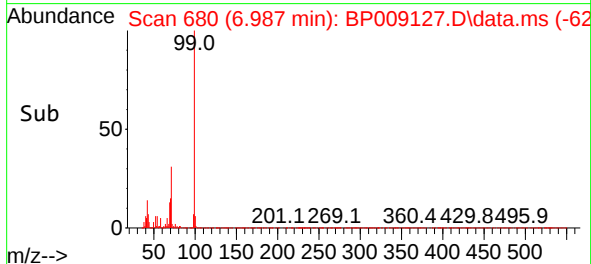
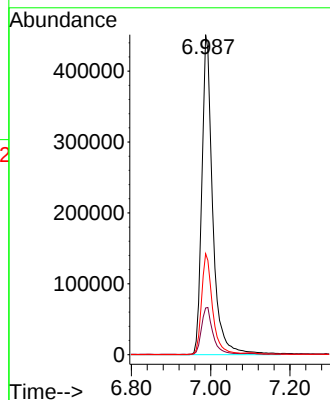
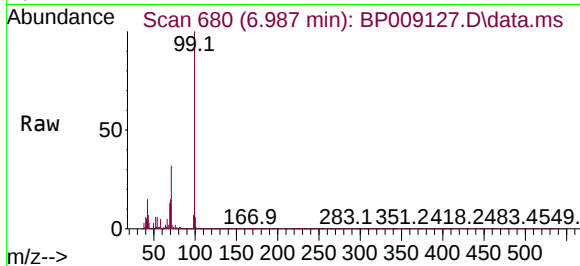




#7
Phenol-d6
Concen: 43.972 ng
RT: 6.987 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

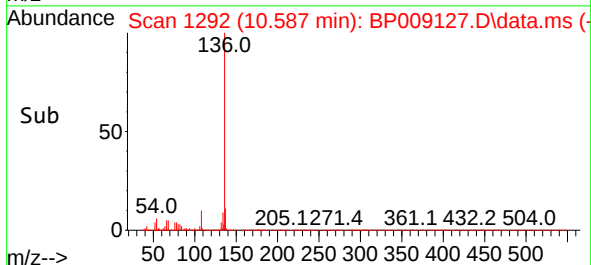
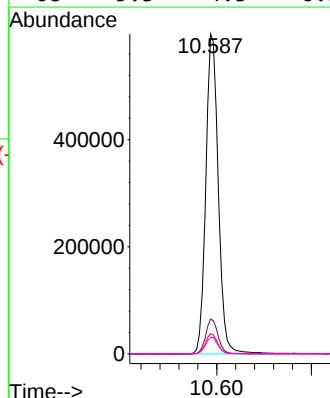
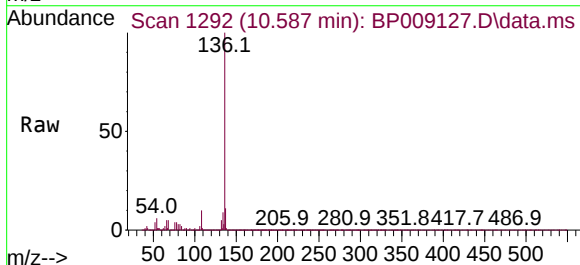
Instrument :
BNA_P
ClientSampleId :
OK-01-021022

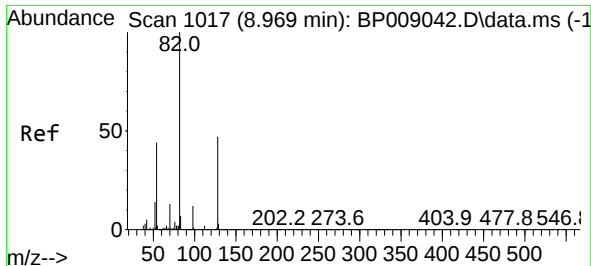
Tgt Ion: 99 Resp: 860481
Ion Ratio Lower Upper
99 100
42 14.6 10.8 16.2
71 31.6 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.017 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

Tgt Ion: 136 Resp: 1091619
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 6.3 4.9 7.3
68 5.3 4.3 6.5

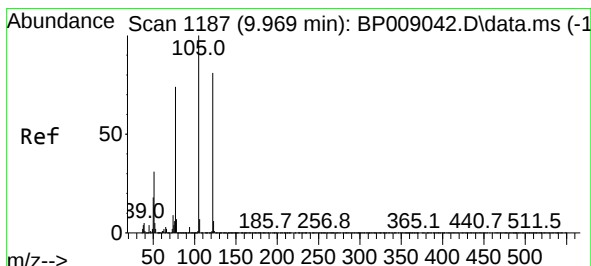
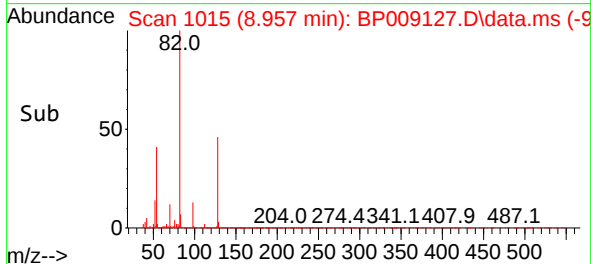
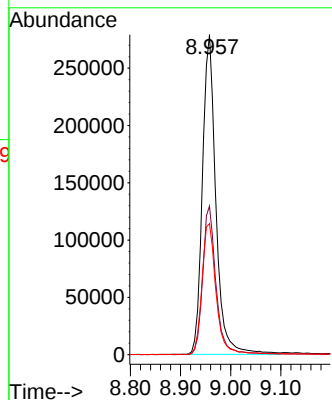
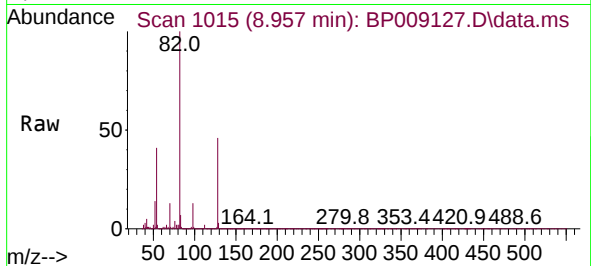




#23
Nitrobenzene-d5
Concen: 26.888 ng
RT: 8.957 min Scan# 110
Delta R.T. -0.012 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

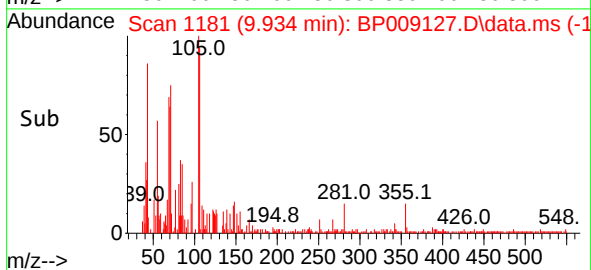
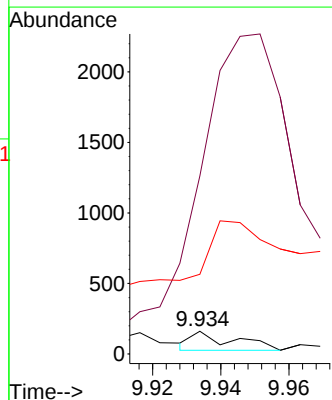
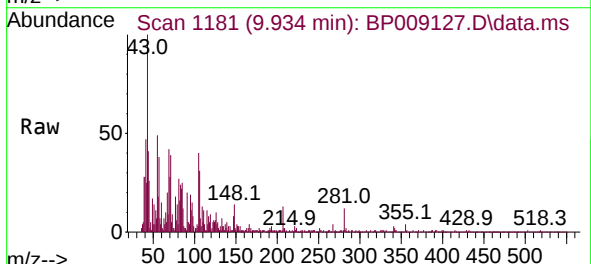
Instrument :
BNA_P
ClientSampleId :
OK-01-021022

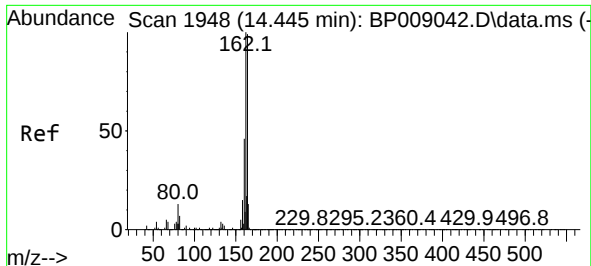
Tgt Ion: 82 Resp: 520469
Ion Ratio Lower Upper
82 100
128 46.4 39.4 59.2
54 41.0 32.6 48.8



#32
Benzoic acid
Concen: 2.700 ng
RT: 9.934 min Scan# 1181
Delta R.T. -0.035 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

Tgt Ion: 122 Resp: 115
Ion Ratio Lower Upper
122 100
105 784.5 100.1 140.1#
77 350.9 65.5 105.5#

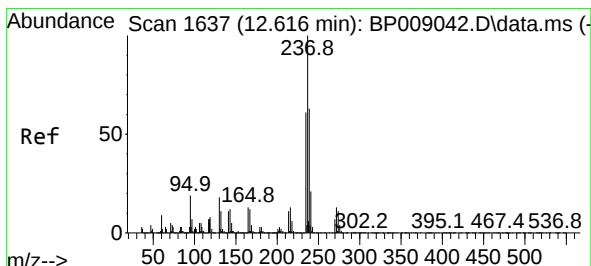
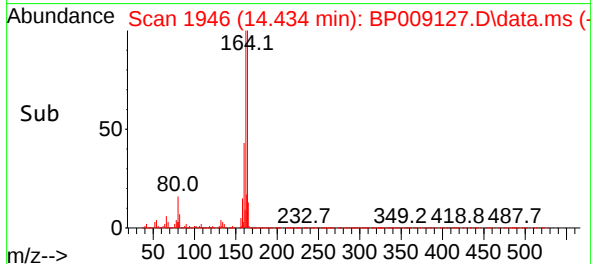
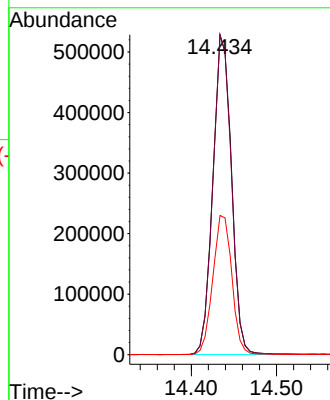
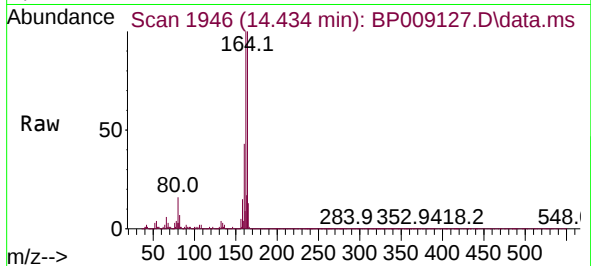




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.011 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

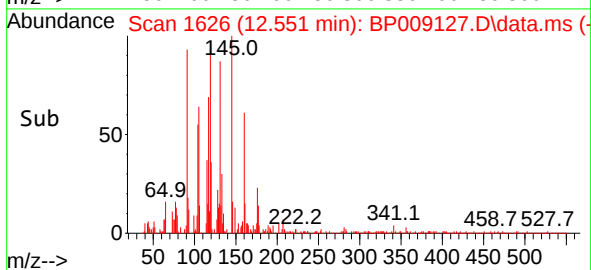
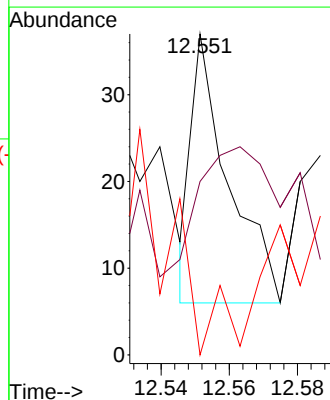
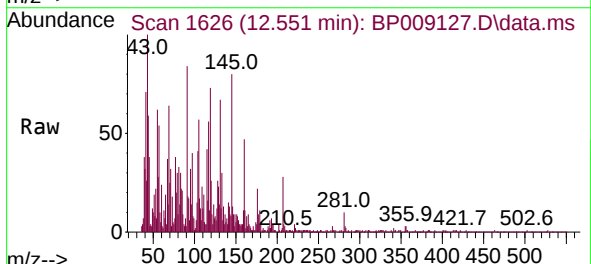
Instrument :
BNA_P
ClientSampleId :
OK-01-021022

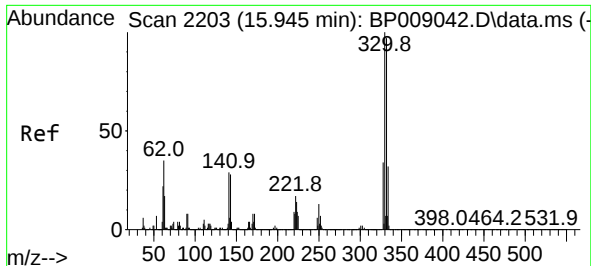
Tgt Ion:164 Resp: 800592
Ion Ratio Lower Upper
164 100
162 100.2 79.9 119.9
160 43.6 35.5 53.3



#41
Hexachlorocyclopentadiene
Concen: 8.658 ng
RT: 12.551 min Scan# 1626
Delta R.T. -0.065 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

Tgt Ion:237 Resp: 23
Ion Ratio Lower Upper
237 100
235 54.1 42.9 82.9
272 0.0 0.0 33.8

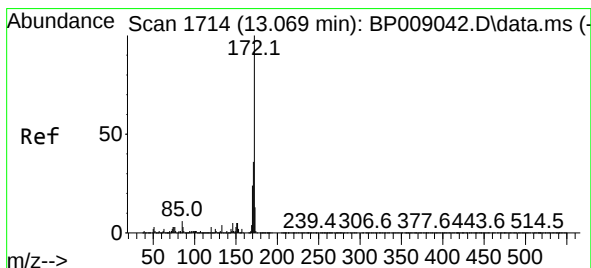
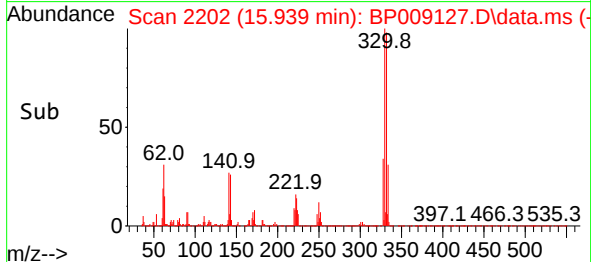
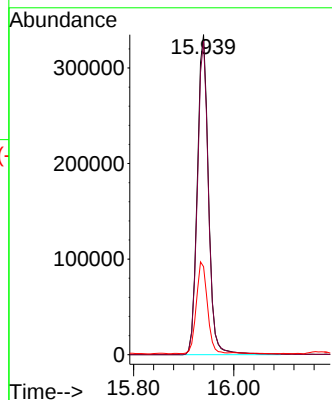
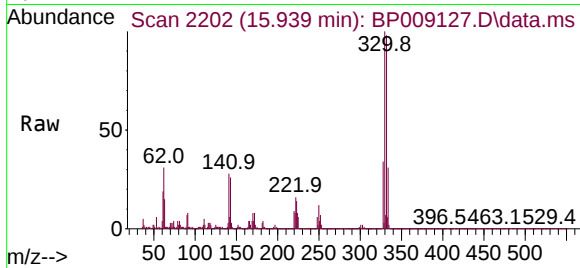




#42
2,4,6-Tribromophenol
Concen: 48.407 ng
RT: 15.939 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

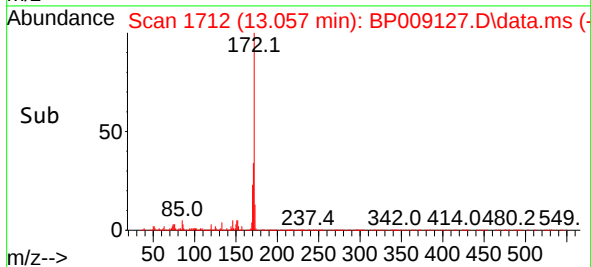
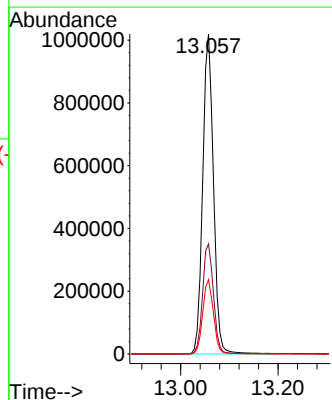
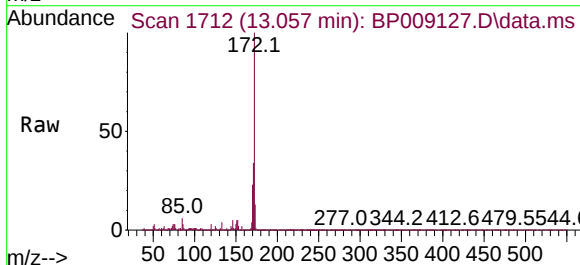
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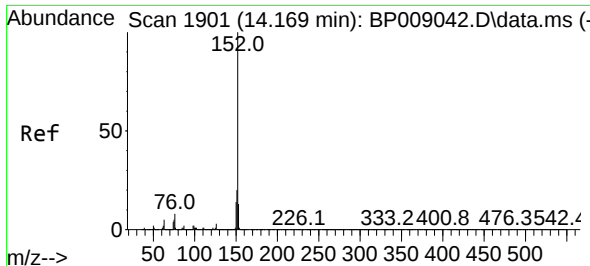
Tgt Ion:330 Resp: 517438
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 28.3 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 27.357 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

Tgt Ion:172 Resp: 1564523
Ion Ratio Lower Upper
172 100
171 34.4 29.3 43.9
170 23.2 19.5 29.3

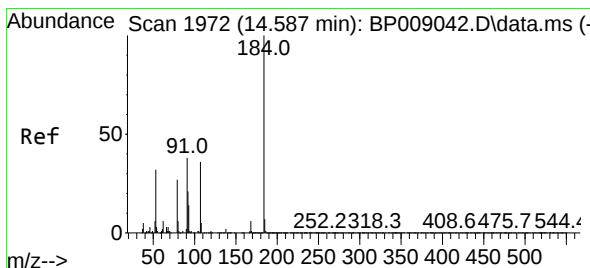
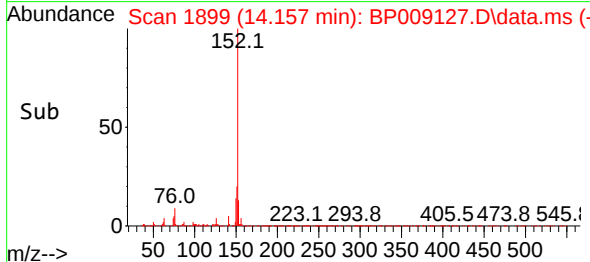
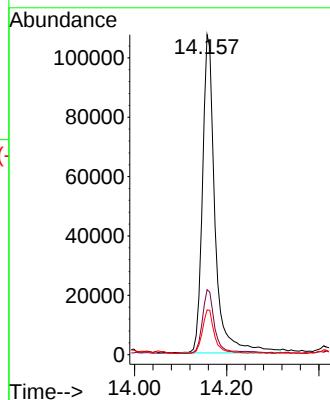
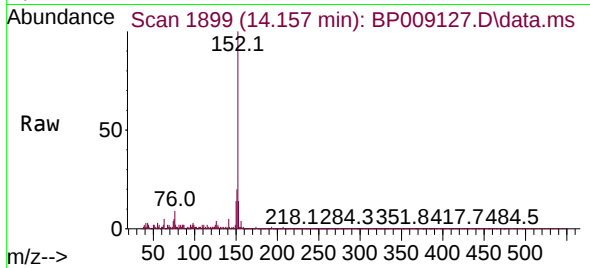




#49
Acenaphthylene
Concen: 2.902 ng
RT: 14.157 min Scan# 1901
Delta R.T. -0.012 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

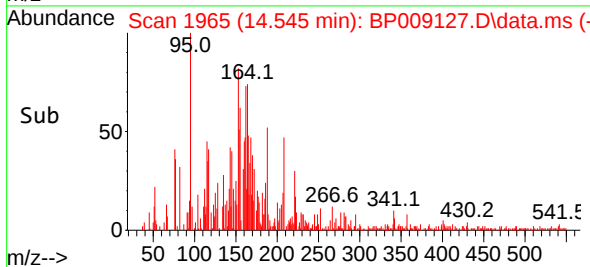
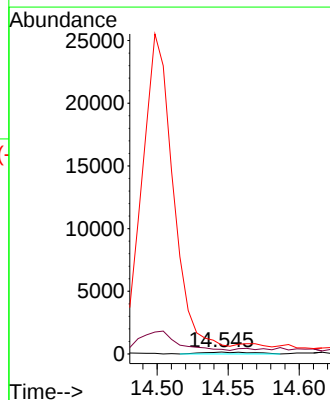
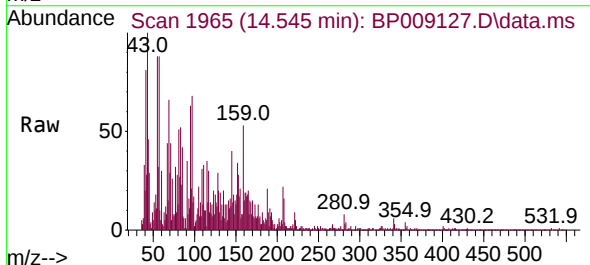
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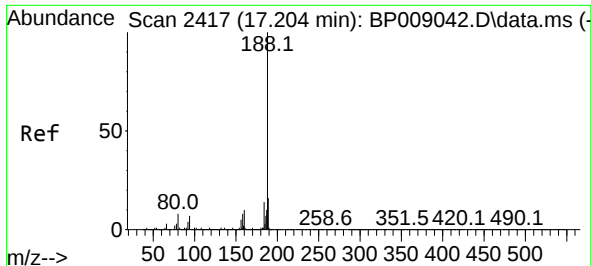
Tgt Ion:152 Resp: 204502
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 14.0 10.6 16.0



#54
2,4-Dinitrophenol
Concen: 2.239 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.042 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

Tgt Ion:184 Resp: 362
Ion Ratio Lower Upper
184 100
63 240.8 35.6 53.4#
154 469.1 43.4 65.0#

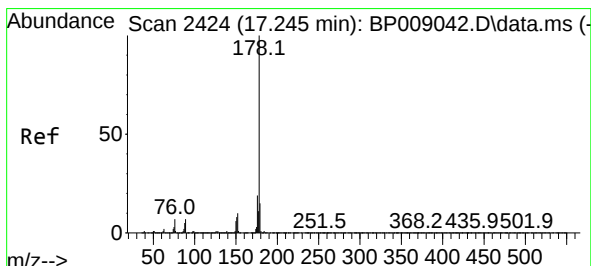
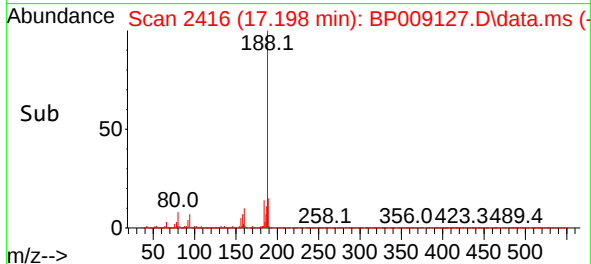
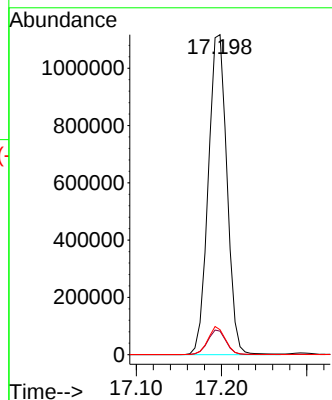
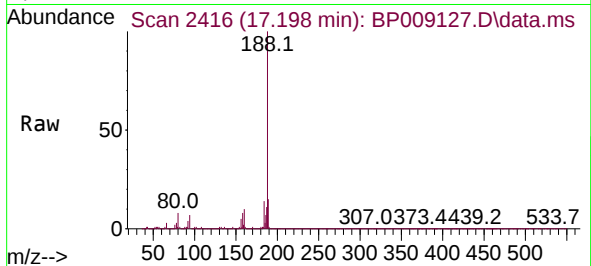




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

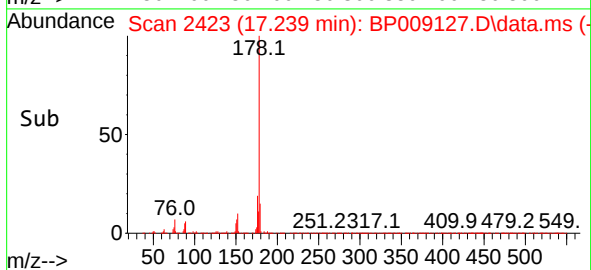
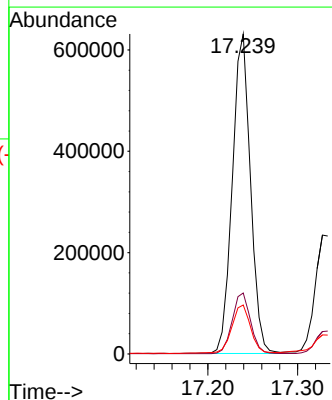
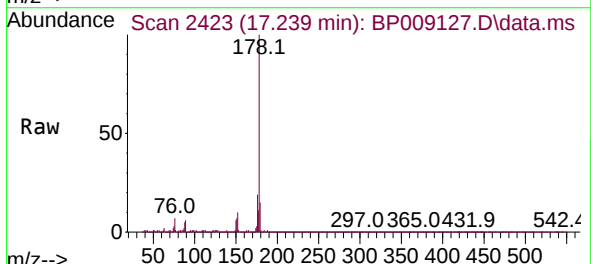
Instrument :
BNA_P
ClientSampleId :
OK-01-021022

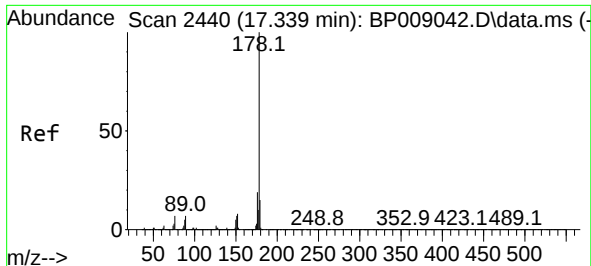
Tgt Ion:188 Resp: 1695928
Ion Ratio Lower Upper
188 100
94 7.4 6.8 10.2
80 7.8 7.2 10.8



#71
Phenanthrene
Concen: 9.631 ng
RT: 17.239 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

Tgt Ion:178 Resp: 884413
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 15.3 13.0 19.4

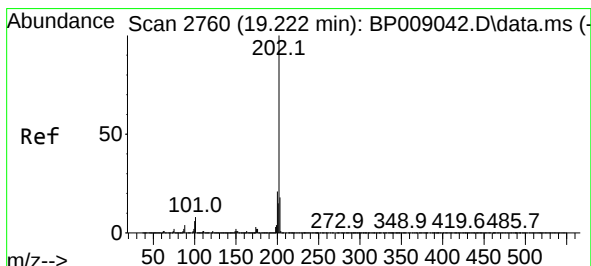
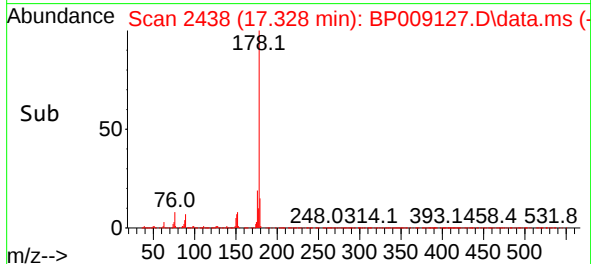
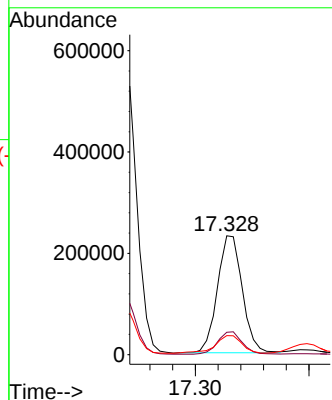
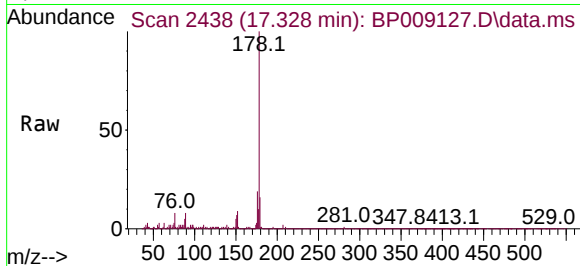




#72
 Anthracene
 Concen: 3.906 ng
 RT: 17.328 min Scan# 2440
 Delta R.T. -0.012 min
 Lab File: BP009127.D
 Acq: 11 Feb 2022 22:58

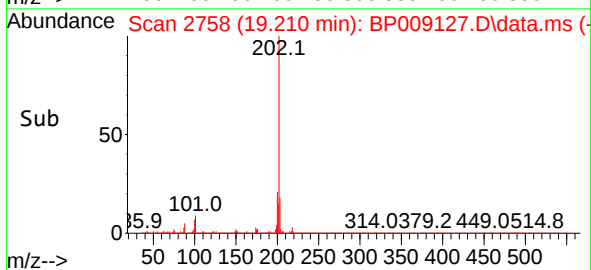
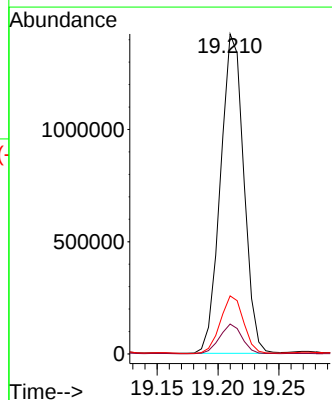
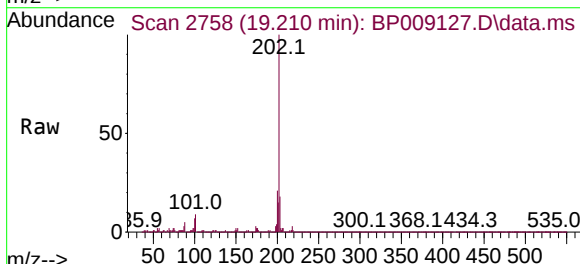
Instrument :
 BNA_P
 ClientSampleId :
 OK-01-021022

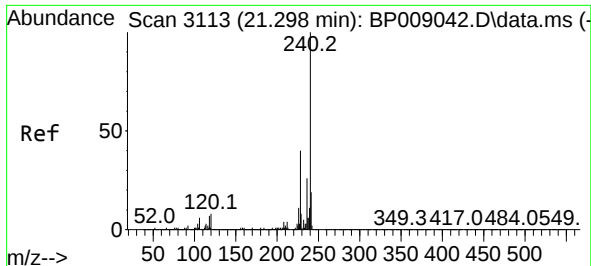
Tgt Ion:178 Resp: 350949
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.1 22.7
 179 16.1 12.8 19.2



#75
 Fluoranthene
 Concen: 18.422 ng
 RT: 19.210 min Scan# 2758
 Delta R.T. -0.012 min
 Lab File: BP009127.D
 Acq: 11 Feb 2022 22:58

Tgt Ion:202 Resp: 1896017
 Ion Ratio Lower Upper
 202 100
 101 9.4 0.0 30.7
 203 18.2 0.0 38.9

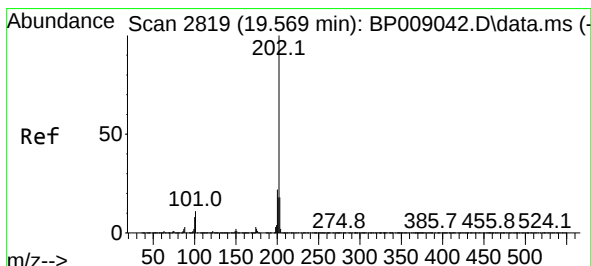
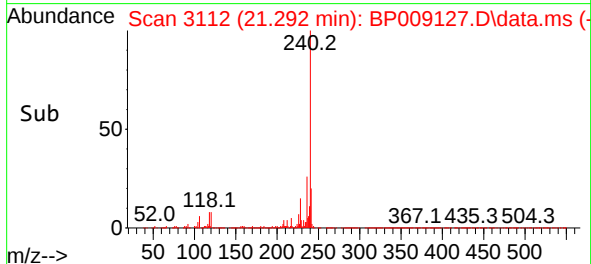
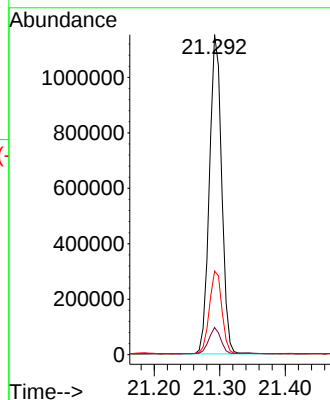
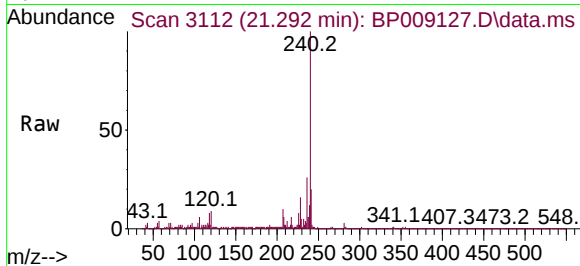




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.292 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

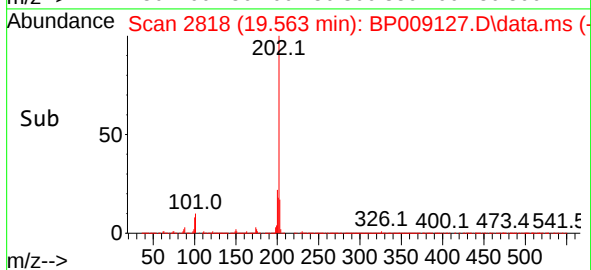
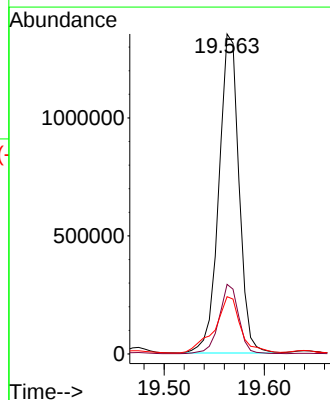
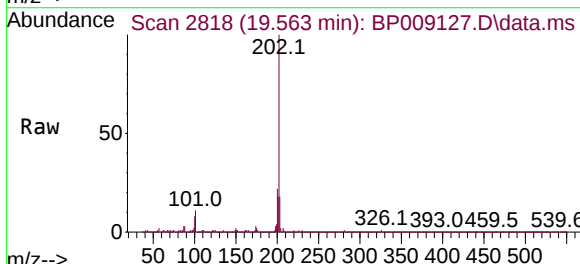
Instrument :
BNA_P
ClientSampleId :
OK-01-021022

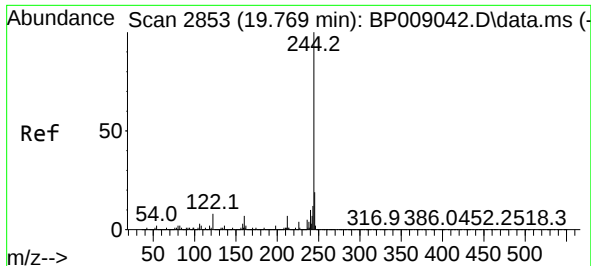
Tgt Ion:240 Resp: 1495478
Ion Ratio Lower Upper
240 100
120 8.5 7.7 11.5
236 26.1 21.2 31.8



#78
Pyrene
Concen: 17.657 ng
RT: 19.563 min Scan# 2818
Delta R.T. -0.006 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

Tgt Ion:202 Resp: 1878403
Ion Ratio Lower Upper
202 100
200 21.8 18.0 27.0
203 17.9 15.0 22.6

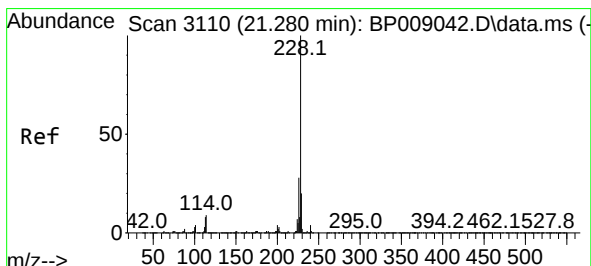
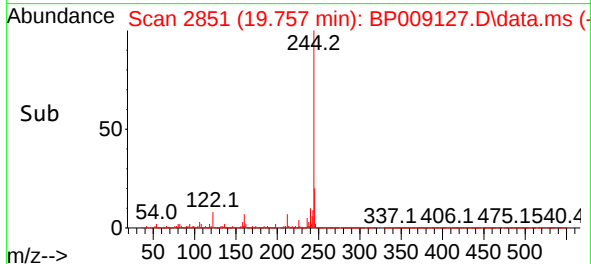
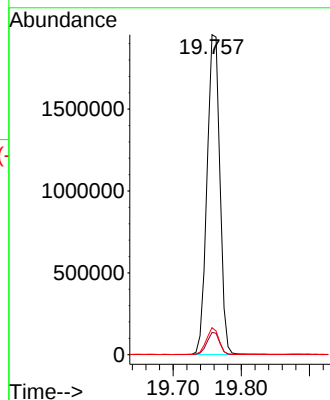
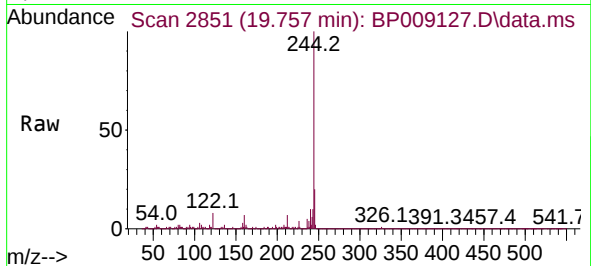




#79
 Terphenyl-d14
 Concen: 30.808 ng
 RT: 19.757 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP009127.D
 Acq: 11 Feb 2022 22:58

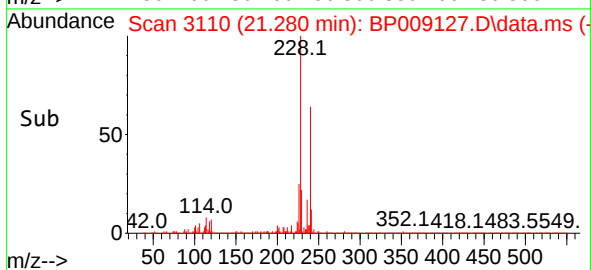
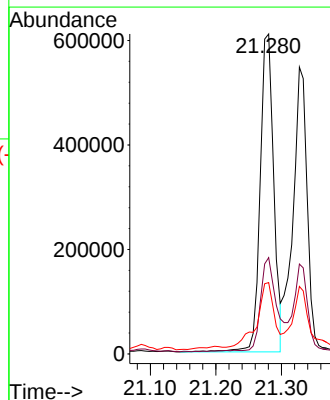
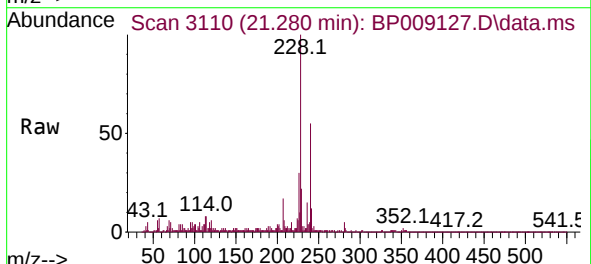
Instrument :
 BNA_P
 ClientSampleId :
 OK-01-021022

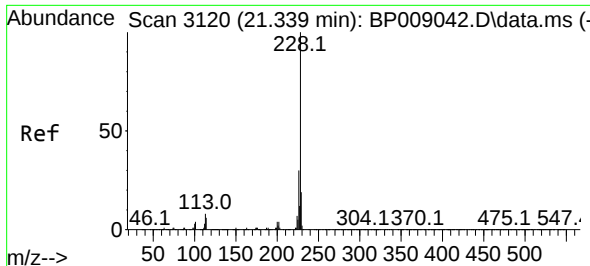
Tgt Ion:244 Resp: 2561944
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 8.5 9.2 13.8#



#81
 Benzo(a)anthracene
 Concen: 9.049 ng
 RT: 21.280 min Scan# 3110
 Delta R.T. 0.000 min
 Lab File: BP009127.D
 Acq: 11 Feb 2022 22:58

Tgt Ion:228 Resp: 872049
 Ion Ratio Lower Upper
 228 100
 226 30.1 23.3 34.9
 229 22.3 17.0 25.6

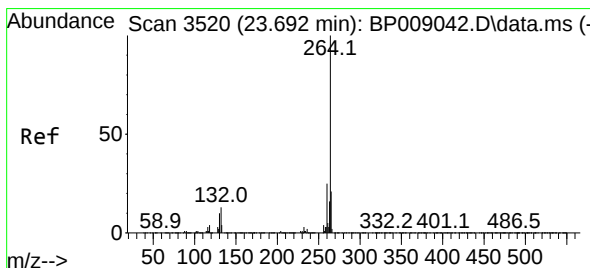
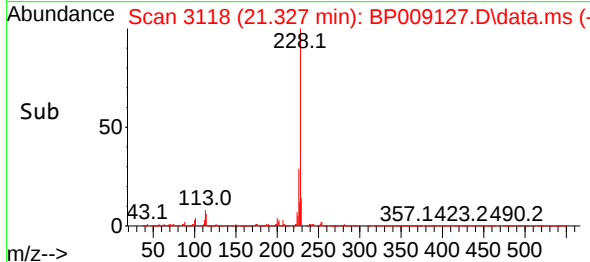
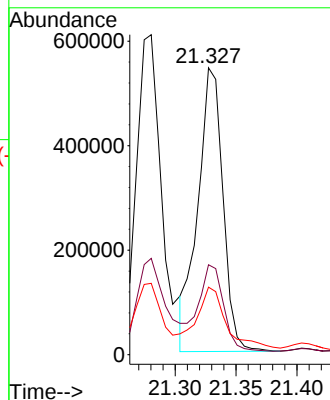
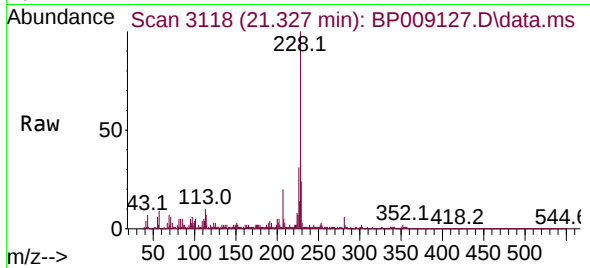




#83
Chrysene
Concen: 8.402 ng
RT: 21.327 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

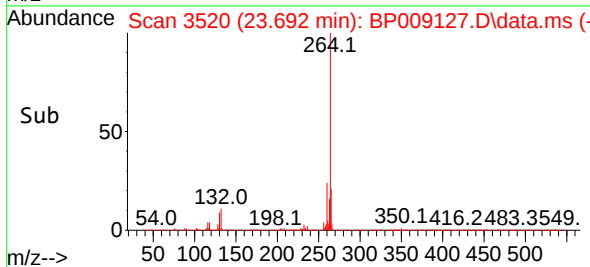
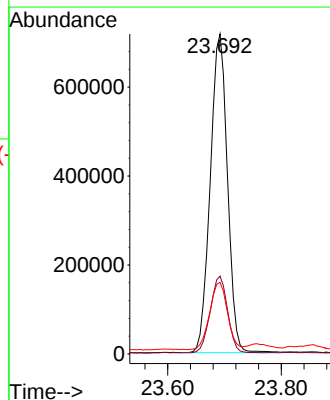
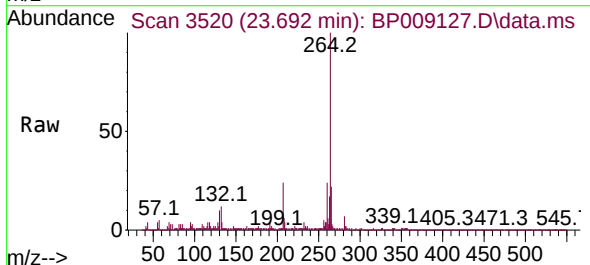
Instrument :
BNA_P
ClientSampleId :
OK-01-021022

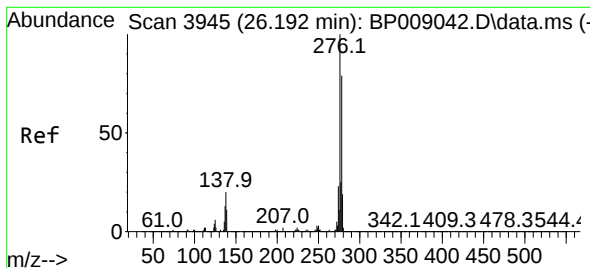
Tgt Ion:228 Resp: 780604
Ion Ratio Lower Upper
228 100
226 31.3 26.0 39.0
229 23.5 16.9 25.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.692 min Scan# 3520
Delta R.T. 0.000 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

Tgt Ion:264 Resp: 1502832
Ion Ratio Lower Upper
264 100
260 24.3 19.1 28.7
265 22.4 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.927 ng

RT: 26.192 min Scan# 3945

Delta R.T. 0.000 min

Lab File: BP009127.D

Acq: 11 Feb 2022 22:58

Instrument :

BNA_P

ClientSampleId :

OK-01-021022

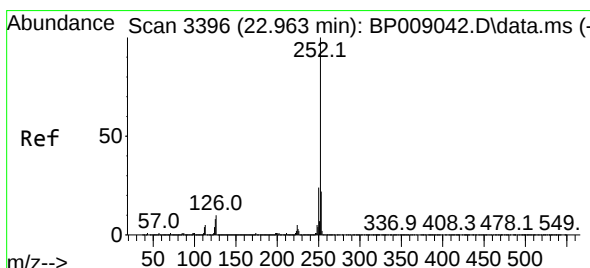
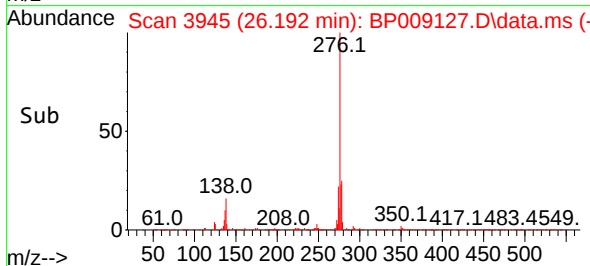
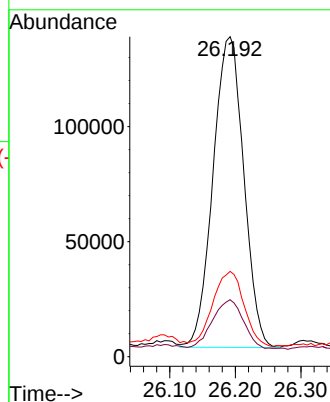
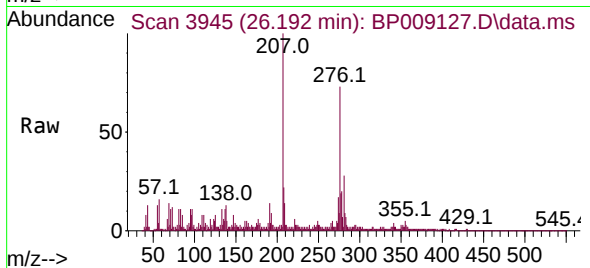
Tgt Ion:276 Resp: 438550

Ion Ratio Lower Upper

276 100

138 16.4 17.8 26.6#

277 24.7 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 9.588 ng

RT: 22.963 min Scan# 3396

Delta R.T. 0.000 min

Lab File: BP009127.D

Acq: 11 Feb 2022 22:58

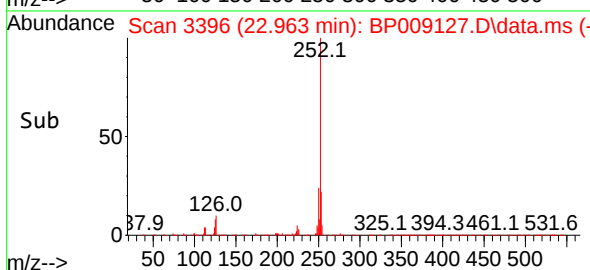
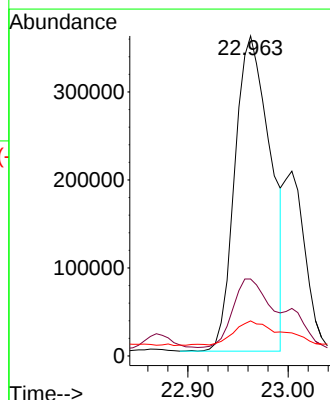
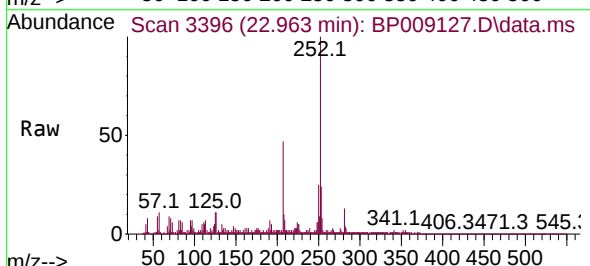
Tgt Ion:252 Resp: 887072

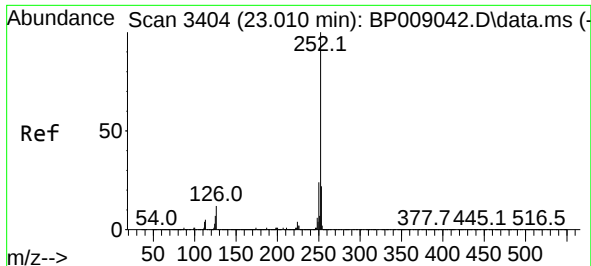
Ion Ratio Lower Upper

252 100

253 24.1 18.0 27.0

125 11.0 6.9 10.3#

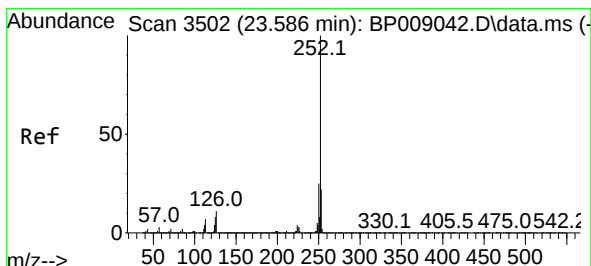
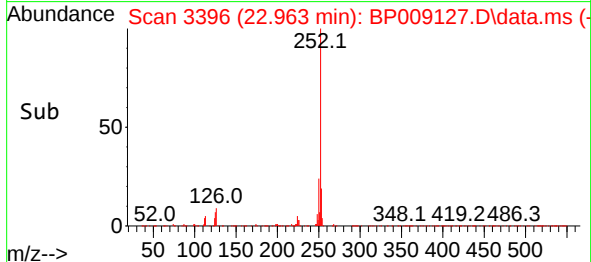
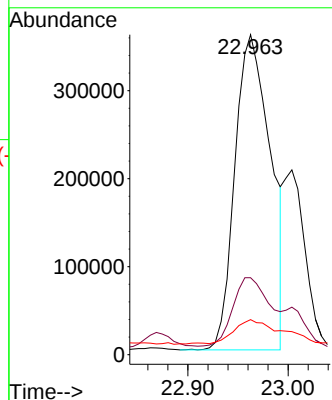
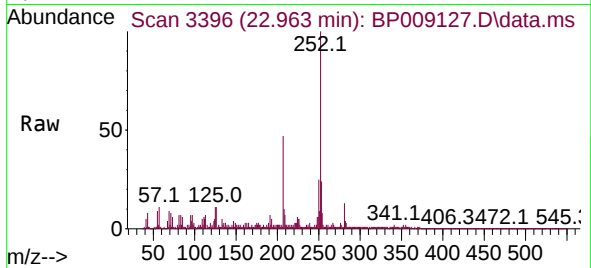




#89
Benzo(k)fluoranthene
Concen: 9.611 ng
RT: 22.963 min Scan# 31
Delta R.T. -0.047 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

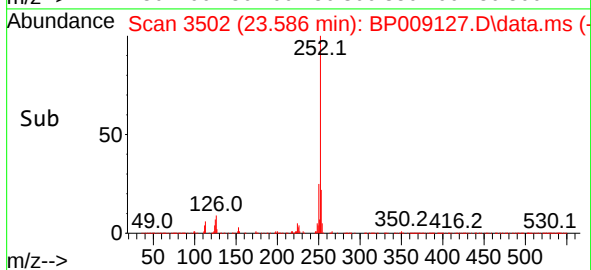
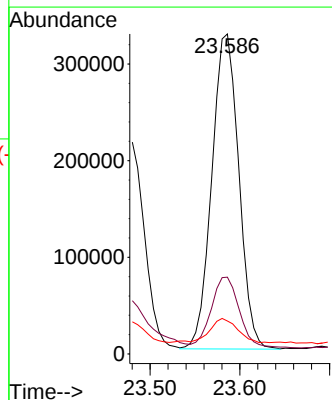
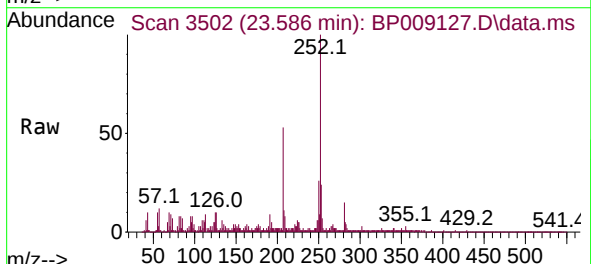
Instrument :
BNA_P
ClientSampleId :
OK-01-021022

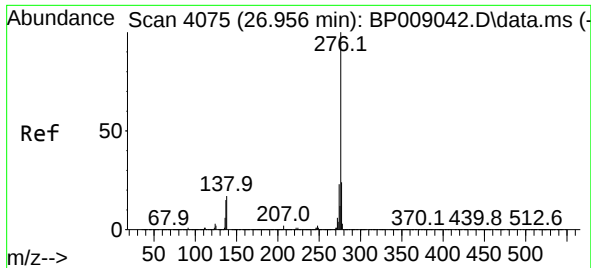
Tgt Ion:252 Resp: 887072
Ion Ratio Lower Upper
252 100
253 24.1 18.2 27.2
125 11.0 7.3 10.9#



#90
Benzo(a)pyrene
Concen: 8.835 ng
RT: 23.586 min Scan# 3502
Delta R.T. 0.000 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

Tgt Ion:252 Resp: 681493
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.8
125 10.3 7.8 11.6





#92
 Benzo(g,h,i)perylene
 Concen: 4.759 ng
 RT: 26.962 min Scan# 4076
 Delta R.T. 0.006 min
 Lab File: BP009127.D
 Acq: 11 Feb 2022 22:58

Instrument :
 BNA_P
 ClientSampleId :
 OK-01-021022

Tgt Ion:276 Resp: 434779
 Ion Ratio Lower Upper
 276 100
 277 27.1 19.2 28.8
 138 18.3 15.0 22.4

