

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062821\
 Data File : BP06085.D
 Acq On : 28 Jun 2021 19:32
 Operator : CG/JU
 Sample : M2866-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 124019

Quant Time: Jun 29 02:06:30 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 28 11:34:30 2021
 Response via : Initial Calibration

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

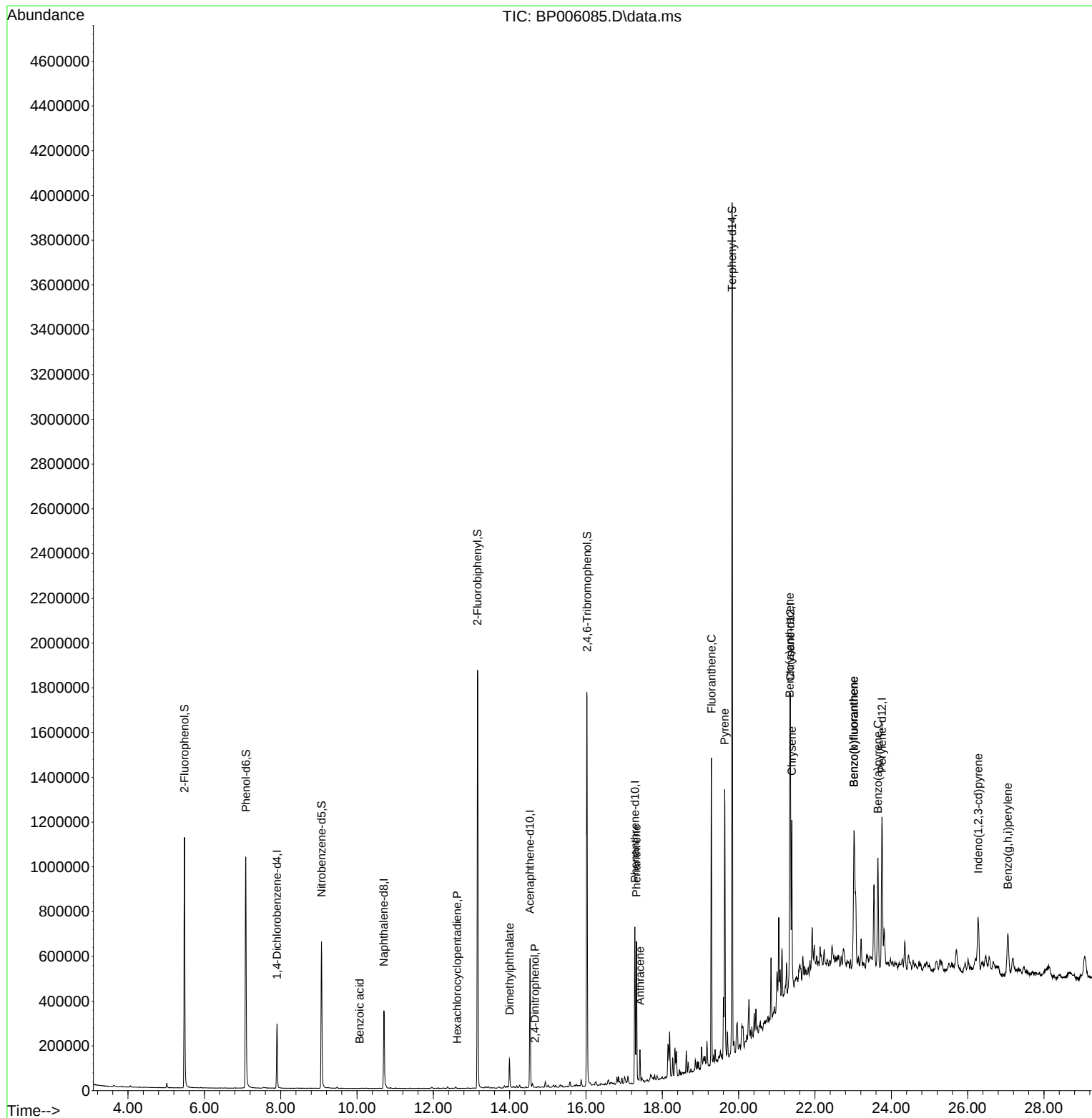
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	83275	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	318982	20.000	ng	0.00
39) Acenaphthene-d10	14.534	164	198152	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	409130	20.000	ng	0.00
76) Chrysene-d12	21.357	240	472776	20.000	ng	0.00
86) Perylene-d12	23.757	264	547715	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	553364	106.628	ng	0.00
7) Phenol-d6	7.087	99	683791	101.655	ng	0.00
23) Nitrobenzene-d5	9.069	82	409373	62.920	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	421579	123.978	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	1023397	67.819	ng	0.00
79) Terphenyl-d14	19.827	244	1789003	70.856	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.069	122	24	6.325	ng	# 1
41) Hexachlorocyclopentadiene	12.622	237	25	5.510	ng	77
50) Dimethylphthalate	13.998	163	91621	5.624	ng	99
54) 2,4-Dinitrophenol	14.657	184	28	4.861	ng	# 1
71) Phenanthrene	17.322	178	369661	15.045	ng	99
72) Anthracene	17.416	178	97063	4.014	ng	99
75) Fluoranthene	19.286	202	798049	26.746	ng	99
78) Pyrene	19.633	202	724383	21.947	ng	100
81) Benzo(a)anthracene	21.339	228	511576	14.990	ng	99
83) Chrysene	21.392	228	429336	12.989	ng	97
87) Indeno(1,2,3-cd)pyrene	26.274	276	275378	5.879	ng	97
88) Benzo(b)fluoranthene	23.021	252	596568	15.903	ng	97
89) Benzo(k)fluoranthene	23.021	252	596568	16.400	ng	97
90) Benzo(a)pyrene	23.651	252	407642	11.558	ng	98
92) Benzo(g,h,i)perylene	27.056	276	255489	6.416	ng	97

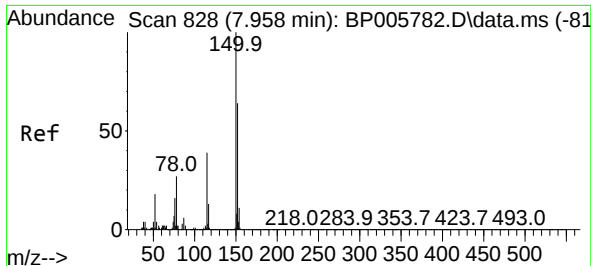
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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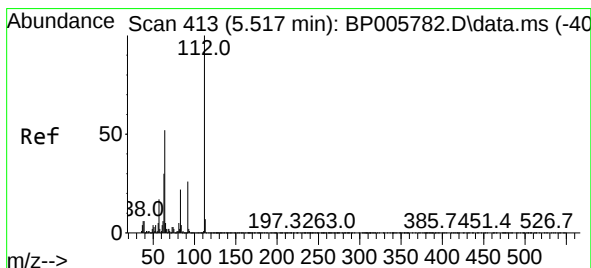
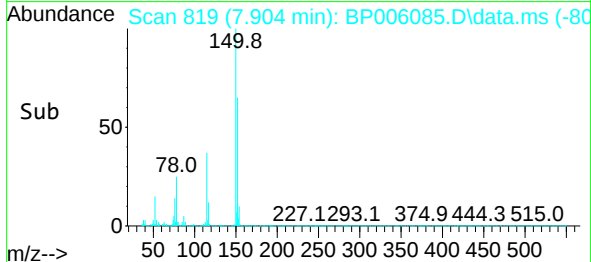
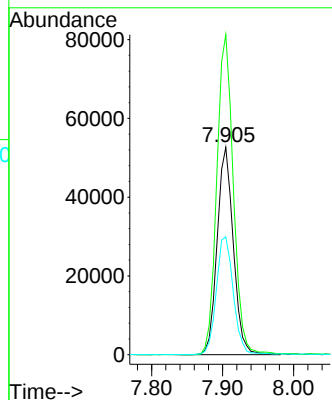
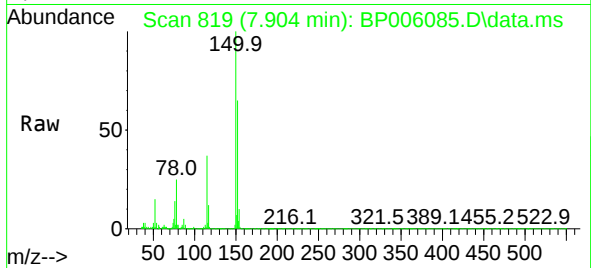




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 819
Delta R.T. -0.001 min
Lab File: BP006085.D
Acq: 28 Jun 2021 19:32

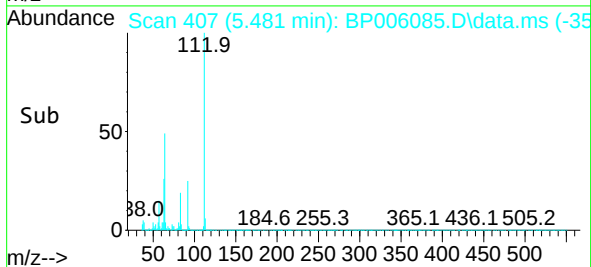
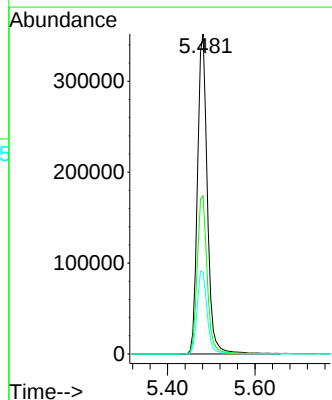
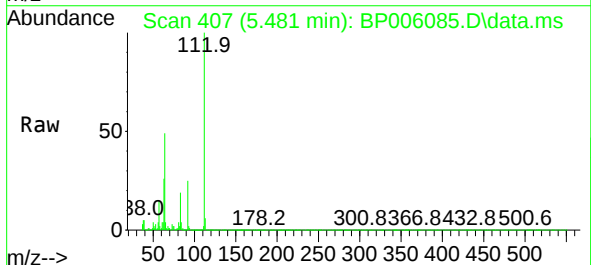
Instrument :
BNA_P
ClientSampleId :
124019

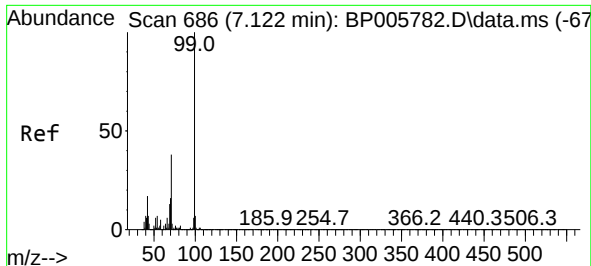
Tgt Ion:152 Resp: 83275
Ion Ratio Lower Upper
152 100
150 154.3 125.6 188.4
115 56.9 48.5 72.7



#5
2-Fluorophenol
Concen: 106.628 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP006085.D
Acq: 28 Jun 2021 19:32

Tgt Ion:112 Resp: 553364
Ion Ratio Lower Upper
112 100
64 49.4 41.4 62.2
63 25.6 23.8 35.8

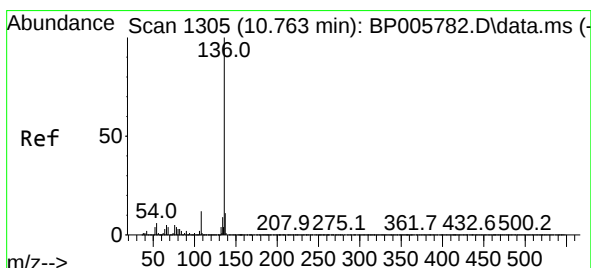
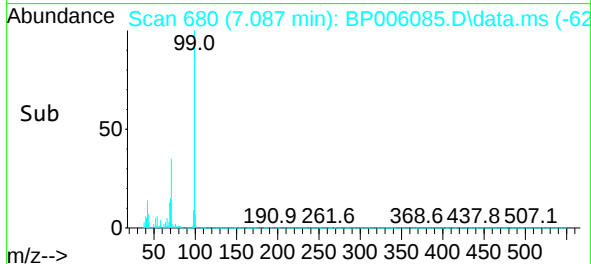
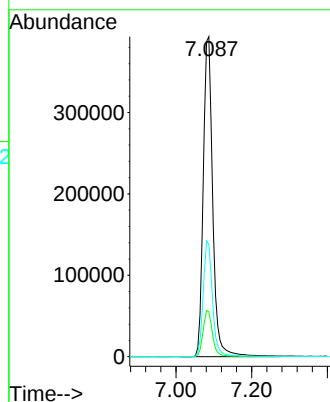
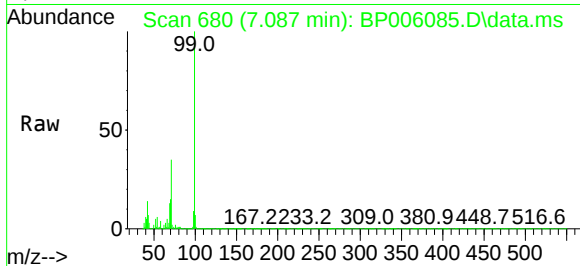




#7
Phenol-d6
Concen: 101.655 ng
RT: 7.087 min Scan# 680
Delta R.T. 0.006 min
Lab File: BP006085.D
Acq: 28 Jun 2021 19:32

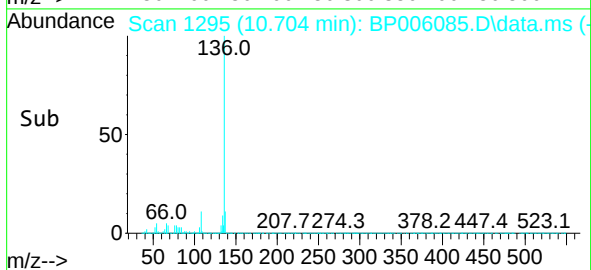
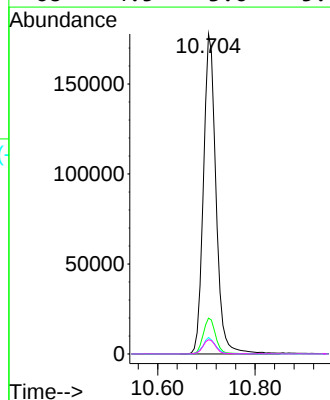
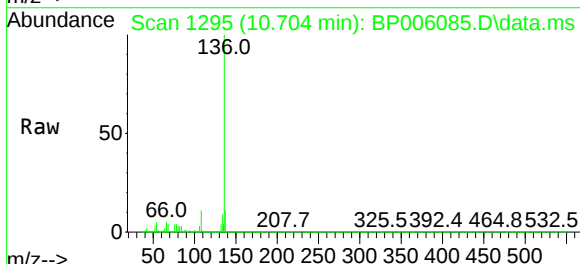
Instrument :
BNA_P
ClientSampleId :
124019

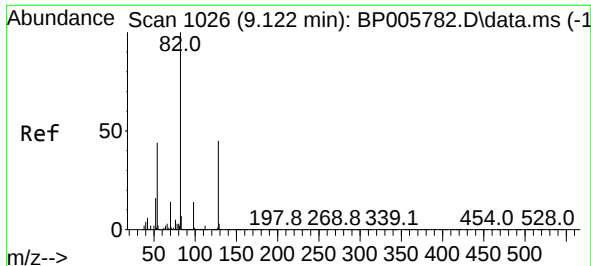
Tgt Ion:	99	Resp:	683791
Ion	Ratio	Lower	Upper
99	100		
42	14.1	13.4	20.0
71	35.1	30.6	46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP006085.D
Acq: 28 Jun 2021 19:32

Tgt Ion:	136	Resp:	318982
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	5.2	4.6	6.8
68	4.5	3.6	5.4

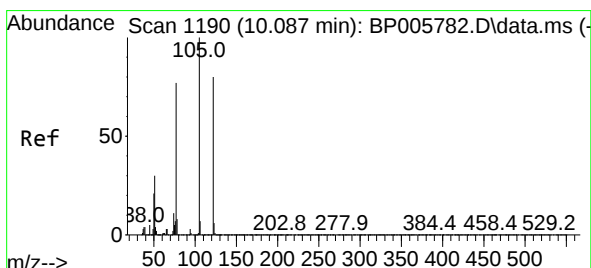
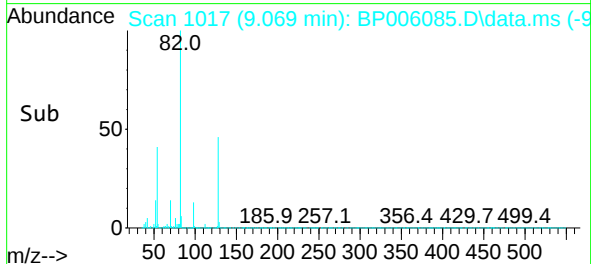
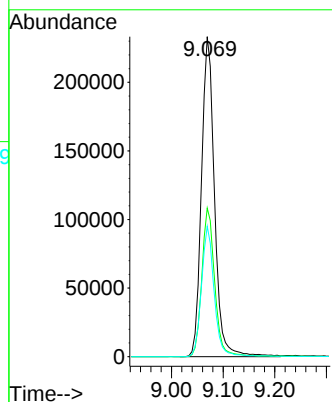
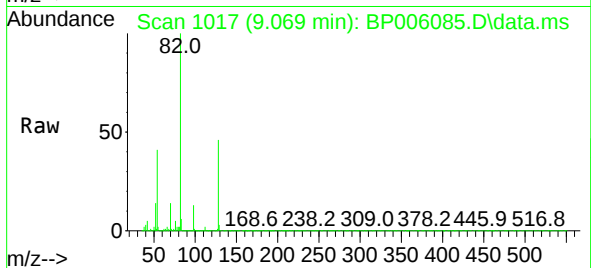




#23
Nitrobenzene-d5
Concen: 62.920 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP006085.D
Acq: 28 Jun 2021 19:32

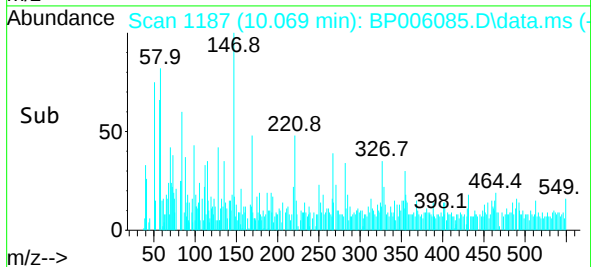
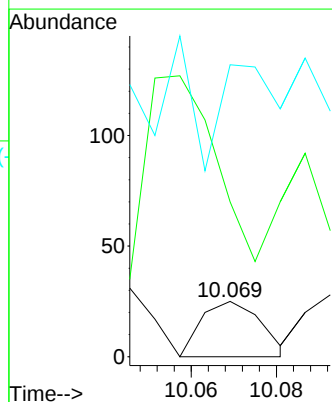
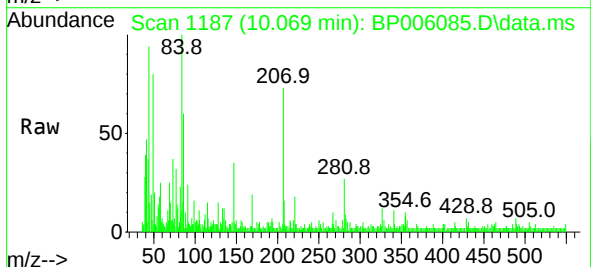
Instrument :
BNA_P
ClientSampleId :
124019

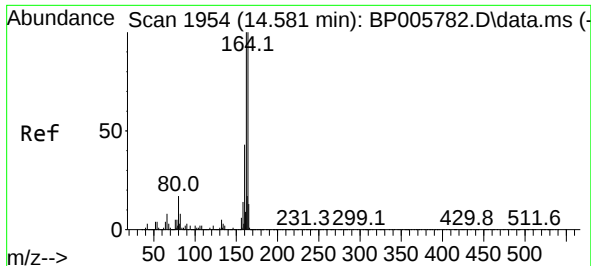
Tgt Ion: 82 Resp: 409373
Ion Ratio Lower Upper
82 100
128 46.5 35.7 53.5
54 40.8 35.0 52.4



#32
Benzoic acid
Concen: 6.325 ng
RT: 10.069 min Scan# 1187
Delta R.T. -0.012 min
Lab File: BP006085.D
Acq: 28 Jun 2021 19:32

Tgt Ion: 122 Resp: 24
Ion Ratio Lower Upper
122 100
105 280.0 103.2 143.2#
77 528.0 76.2 116.2#

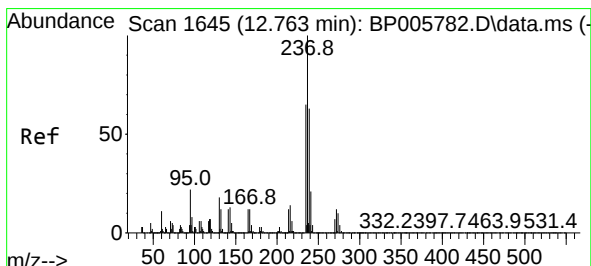
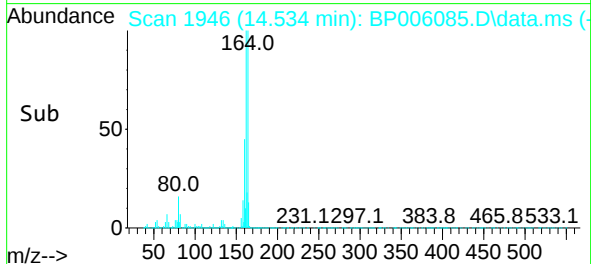
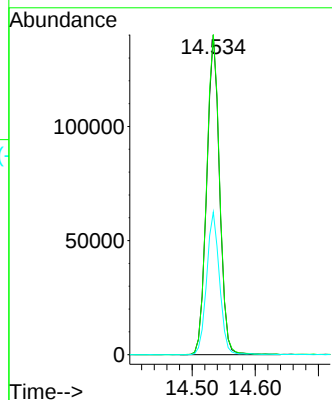
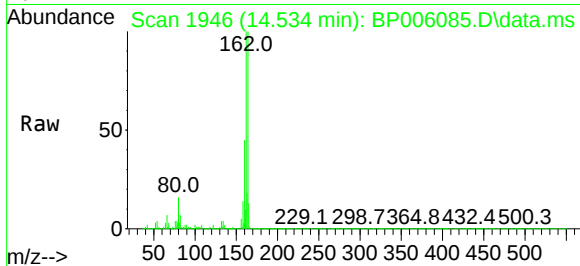




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.000 min
Lab File: BP006085.D
Acq: 28 Jun 2021 19:32

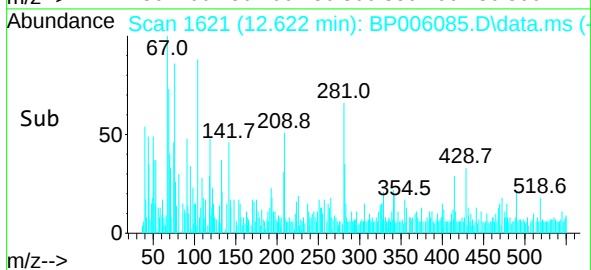
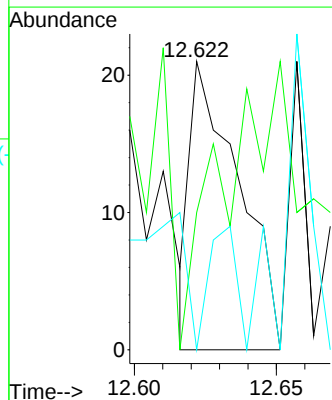
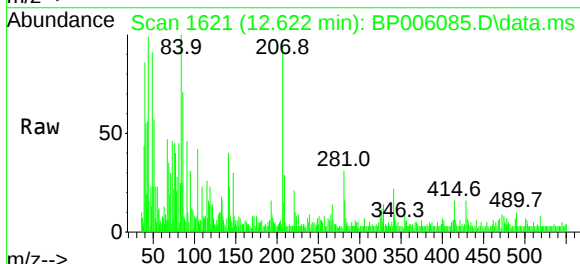
Instrument :
BNA_P
ClientSampled :
124019

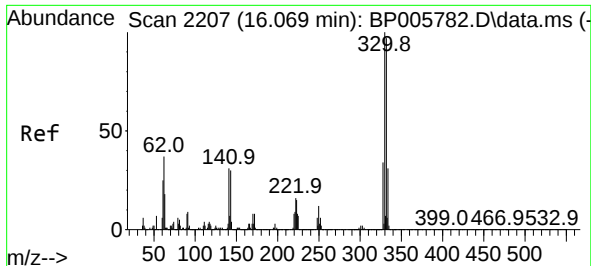
Tgt Ion:164 Resp: 198152
Ion Ratio Lower Upper
164 100
162 100.0 80.2 120.2
160 44.6 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.510 ng
RT: 12.622 min Scan# 1621
Delta R.T. -0.088 min
Lab File: BP006085.D
Acq: 28 Jun 2021 19:32

Tgt Ion:237 Resp: 25
Ion Ratio Lower Upper
237 100
235 47.6 44.5 84.5
272 0.0 0.0 32.5

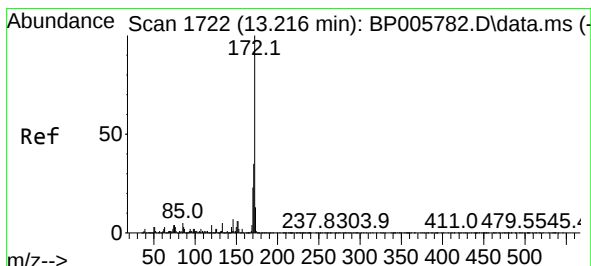
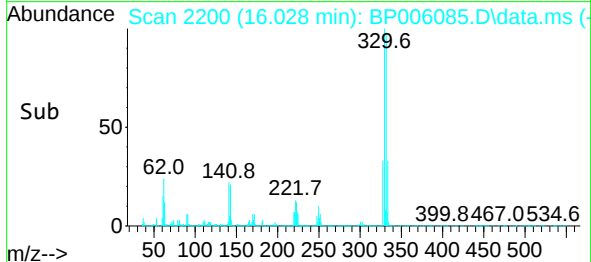
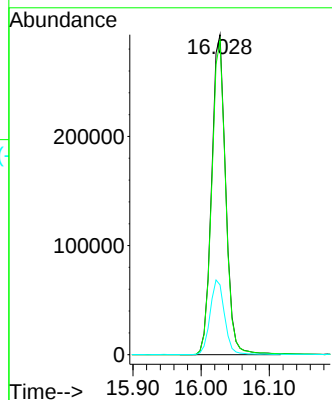
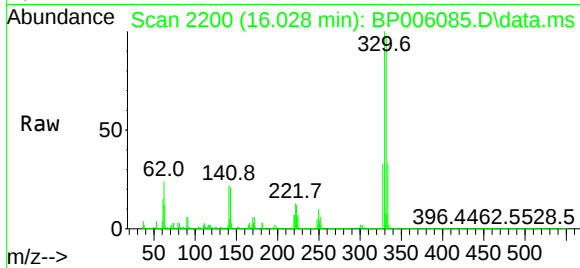




#42
2,4,6-Tribromophenol
Concen: 123.978 ng
RT: 16.028 min Scan# 2200
Delta R.T. -0.000 min
Lab File: BP006085.D
Acq: 28 Jun 2021 19:32

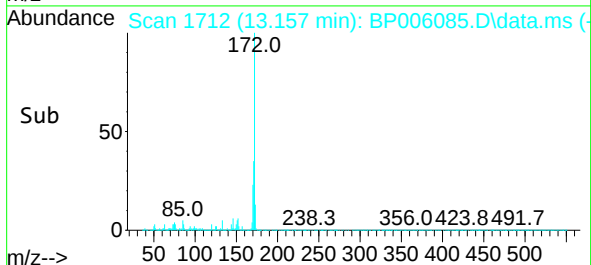
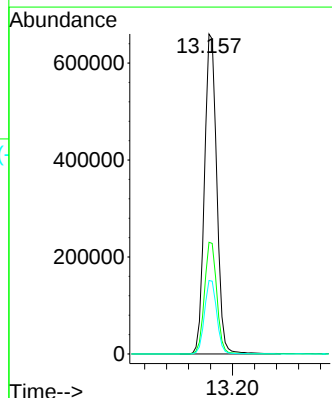
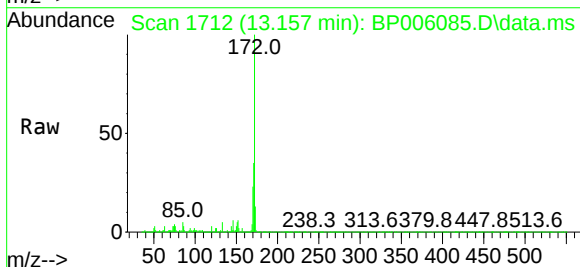
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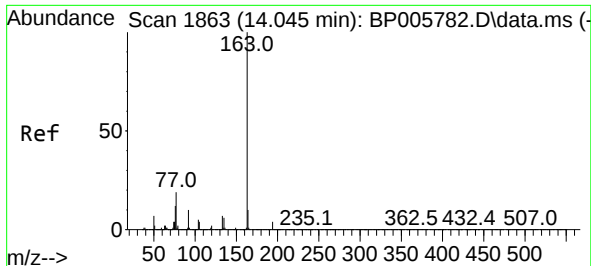
Tgt Ion:330 Resp: 421579
Ion Ratio Lower Upper
330 100
332 97.9 77.8 116.8
141 24.1 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 67.819 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP006085.D
Acq: 28 Jun 2021 19:32

Tgt Ion:172 Resp: 1023397
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.0 18.6 27.8

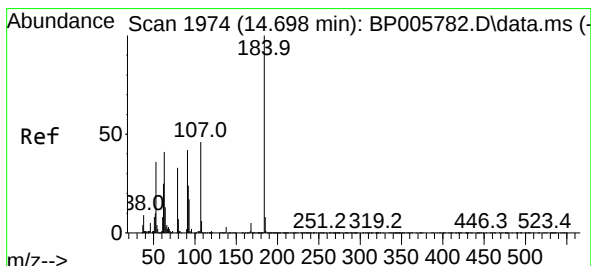
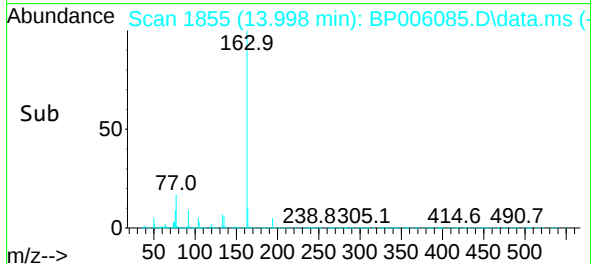
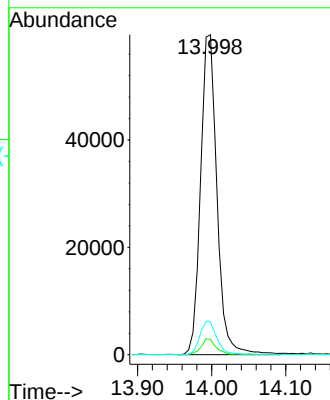
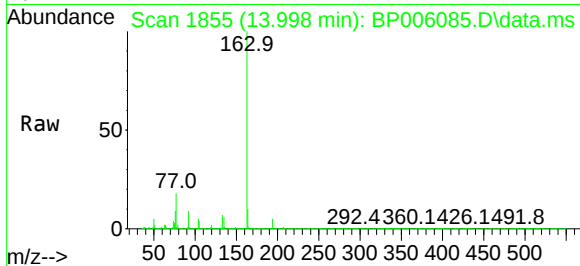




#50
Dimethylphthalate
Concen: 5.624 ng
RT: 13.998 min Scan# 1855
Delta R.T. -0.000 min
Lab File: BP006085.D
Acq: 28 Jun 2021 19:32

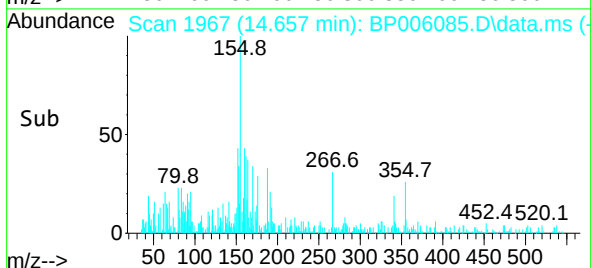
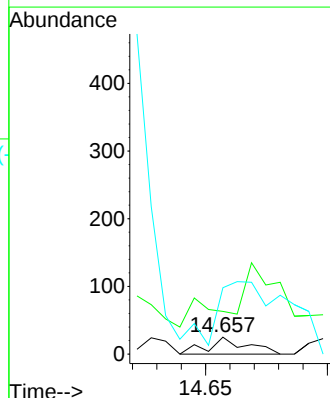
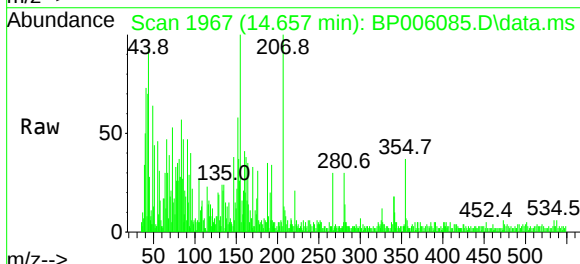
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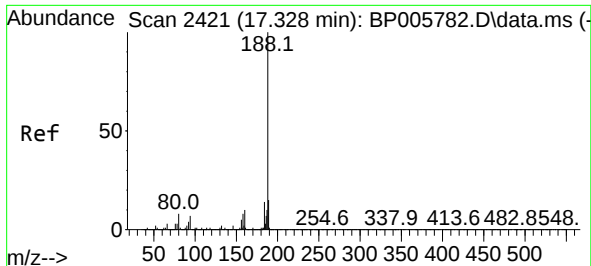
Tgt Ion:163 Resp: 91621
Ion Ratio Lower Upper
163 100
194 4.8 3.4 5.2
164 10.3 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 4.861 ng
RT: 14.657 min Scan# 1967
Delta R.T. -0.018 min
Lab File: BP006085.D
Acq: 28 Jun 2021 19:32

Tgt Ion:184 Resp: 28
Ion Ratio Lower Upper
184 100
63 252.0 47.0 70.6#
154 392.0 52.3 78.5#

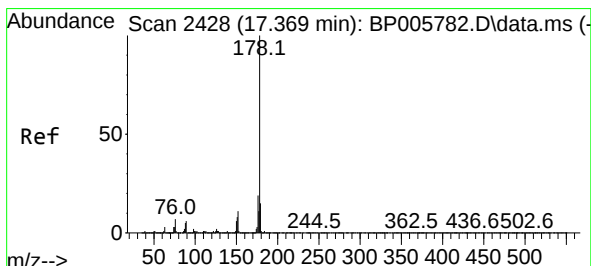
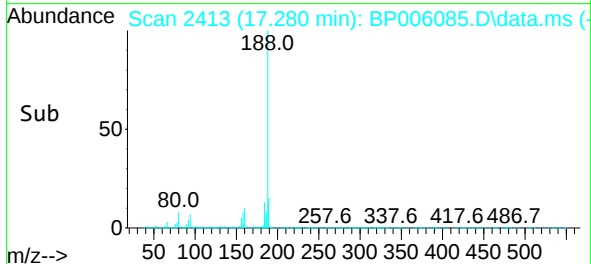
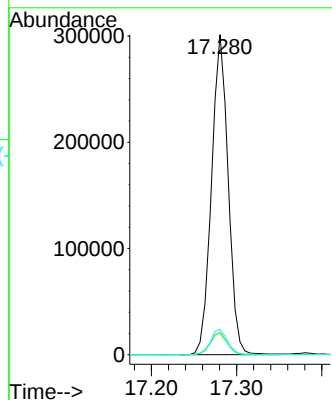
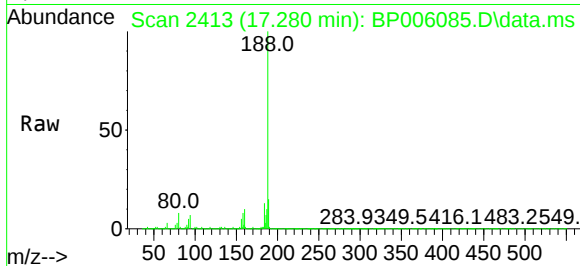




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2413
Delta R.T. -0.000 min
Lab File: BP006085.D
Acq: 28 Jun 2021 19:32

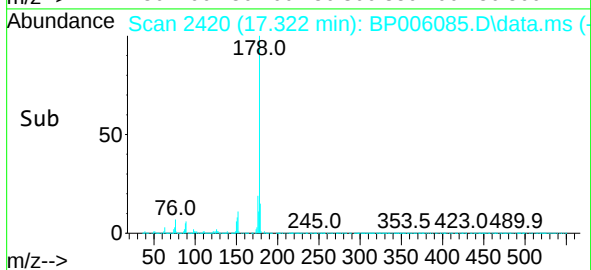
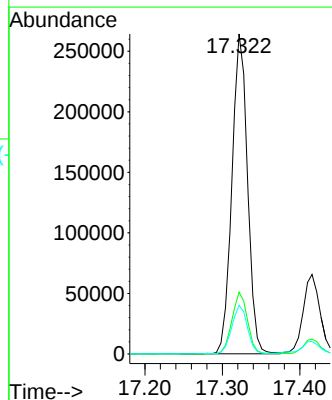
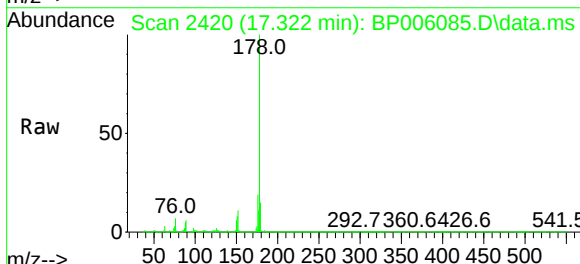
Instrument :
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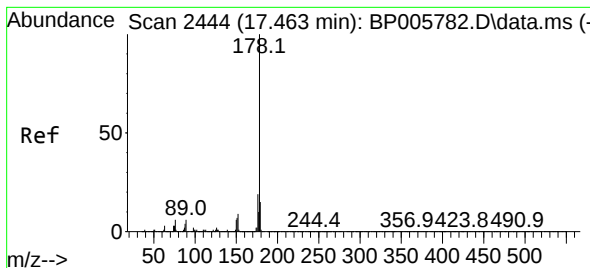
Tgt Ion:188 Resp: 409130
Ion Ratio Lower Upper
188 100
94 6.9 5.6 8.4
80 7.9 6.3 9.5



#71
Phenanthrene
Concen: 15.045 ng
RT: 17.322 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP006085.D
Acq: 28 Jun 2021 19:32

Tgt Ion:178 Resp: 369661
Ion Ratio Lower Upper
178 100
176 19.4 15.1 22.7
179 15.2 12.4 18.6





#72

Anthracene

Concen: 4.014 ng

RT: 17.416 min Scan# 2436

Delta R.T. -0.000 min

Lab File: BP006085.D

Acq: 28 Jun 2021 19:32

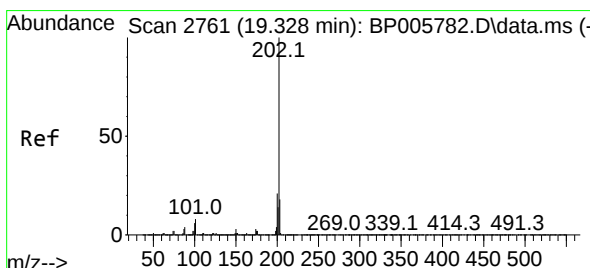
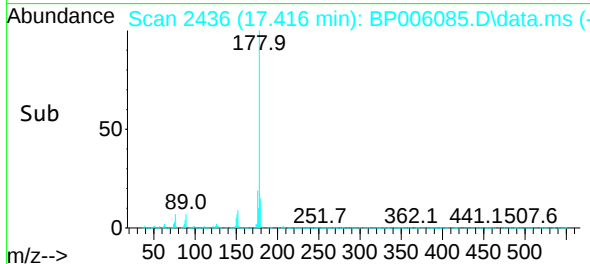
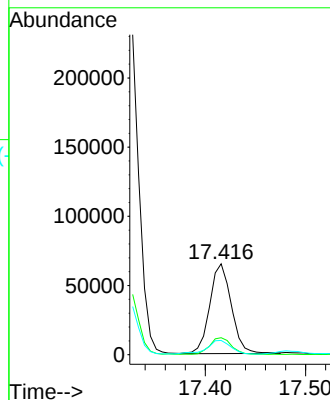
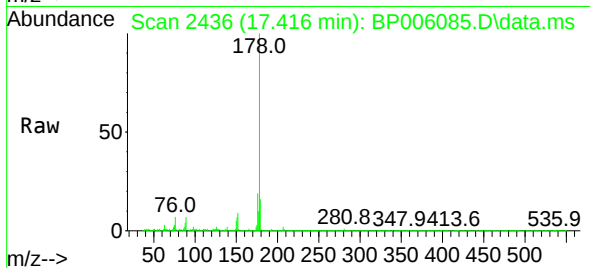
Instrument :

BNA_P

ClientSampleId :

124019

Tgt Ion:178	Resp:	97063
Ion Ratio	Lower	Upper
178	100	
176	18.7	14.9 22.3
179	15.6	12.2 18.2



#75

Fluoranthene

Concen: 26.746 ng

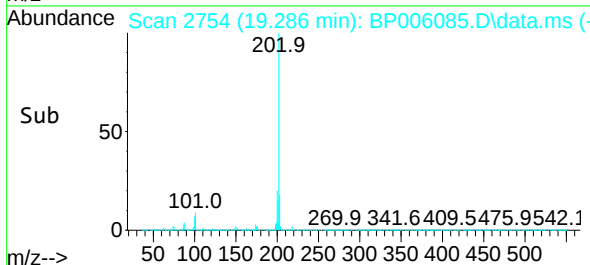
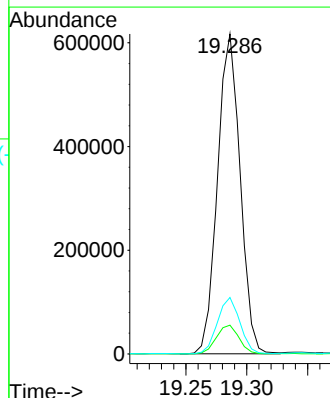
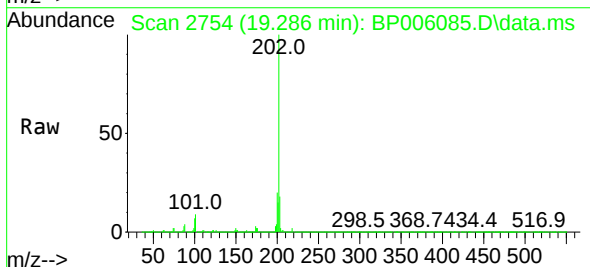
RT: 19.286 min Scan# 2754

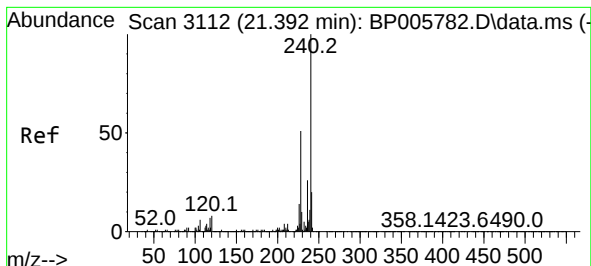
Delta R.T. -0.000 min

Lab File: BP006085.D

Acq: 28 Jun 2021 19:32

Tgt Ion:202	Resp:	798049
Ion Ratio	Lower	Upper
202	100	
101	9.0	0.0 27.6
203	17.7	0.0 37.8

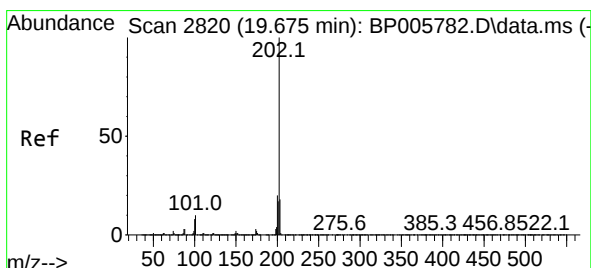
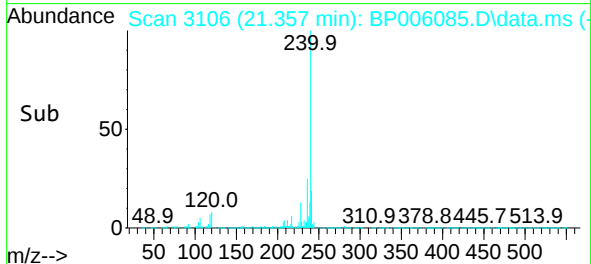
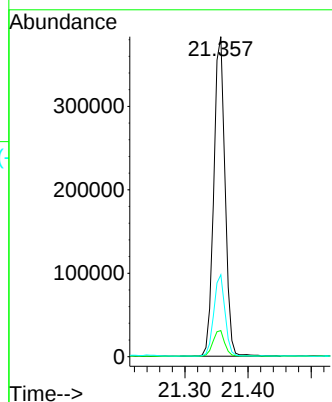
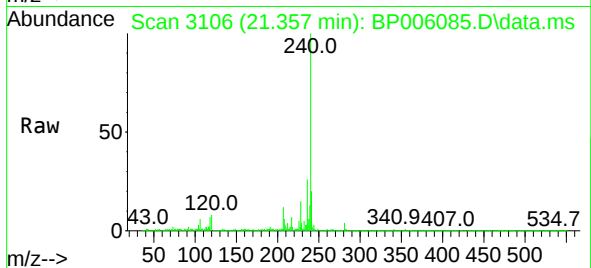




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BP006085.D
Acq: 28 Jun 2021 19:32

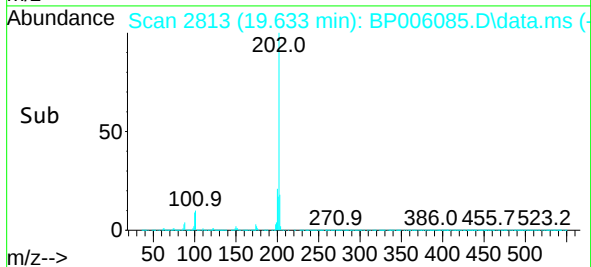
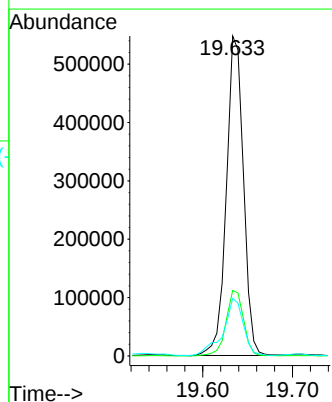
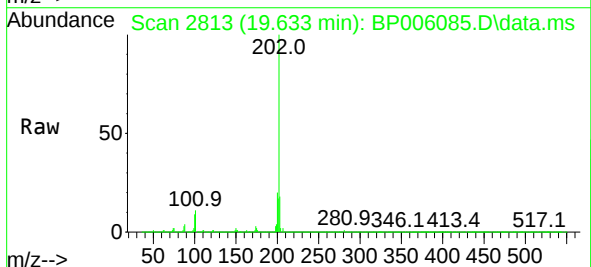
Instrument :
BNA_P
ClientSampled :
124019

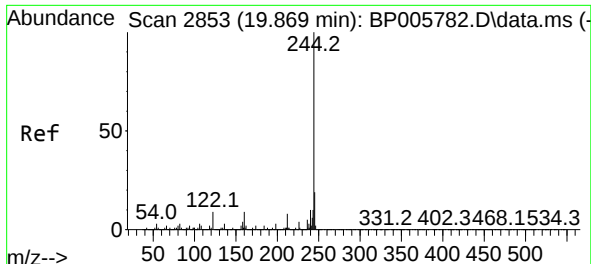
Tgt Ion:240 Resp: 472776
Ion Ratio Lower Upper
240 100
120 8.2 6.5 9.7
236 25.6 20.6 31.0



#78
Pyrene
Concen: 21.947 ng
RT: 19.633 min Scan# 2813
Delta R.T. -0.006 min
Lab File: BP006085.D
Acq: 28 Jun 2021 19:32

Tgt Ion:202 Resp: 724383
Ion Ratio Lower Upper
202 100
200 20.5 16.3 24.5
203 18.0 14.2 21.2



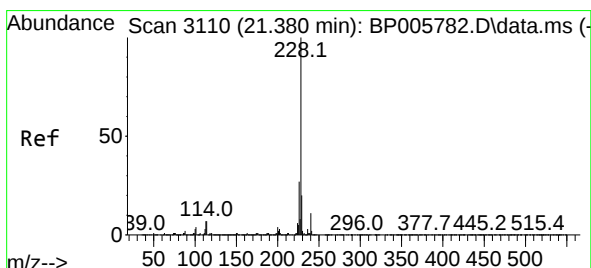
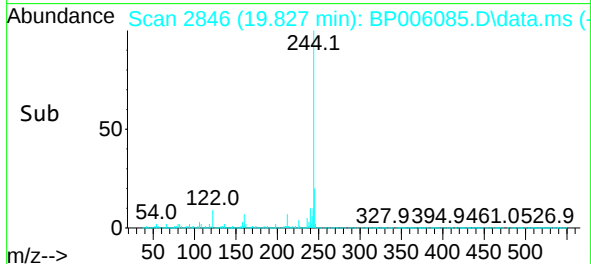
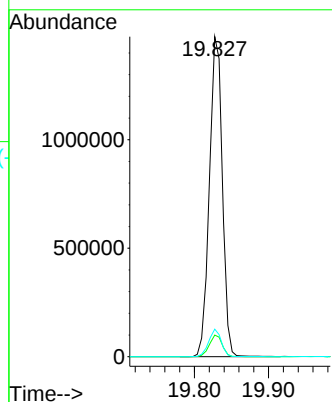
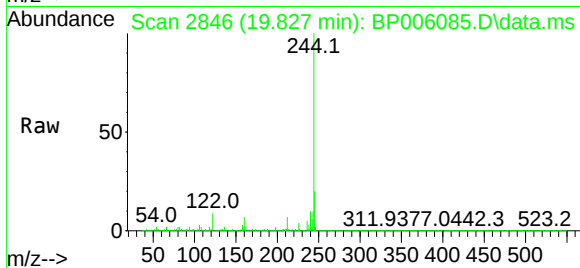


#79
 Terphenyl-d14
 Concen: 70.856 ng
 RT: 19.827 min Scan# 2846
 Delta R.T. -0.006 min
 Lab File: BP006085.D
 Acq: 28 Jun 2021 19:32

Instrument :
 BNA_P
 ClientSampleId :
 124019

Tgt Ion:244 Resp: 1789003

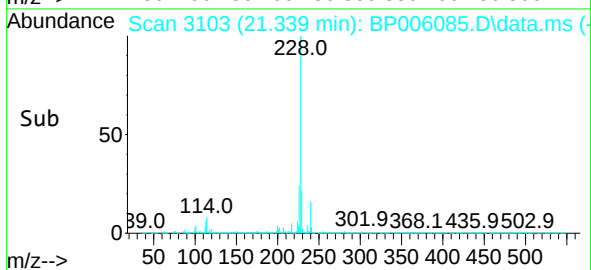
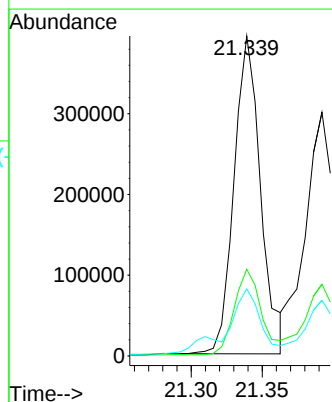
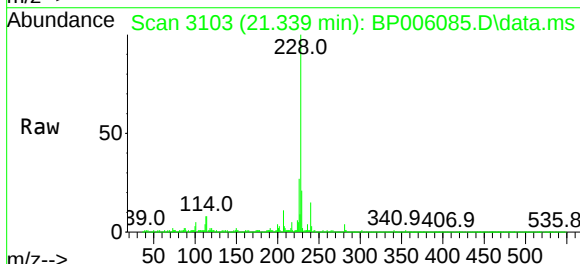
Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	8.6	7.1	10.7

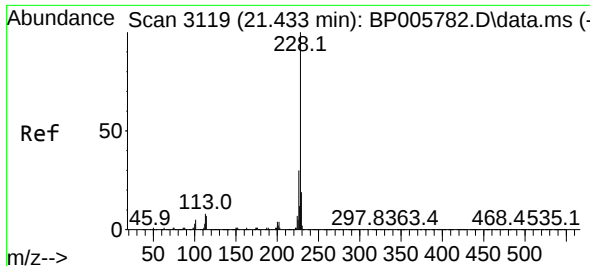


#81
 Benzo(a)anthracene
 Concen: 14.990 ng
 RT: 21.339 min Scan# 3103
 Delta R.T. -0.000 min
 Lab File: BP006085.D
 Acq: 28 Jun 2021 19:32

Tgt Ion:228 Resp: 511576

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.6	32.4
229	20.9	15.8	23.6

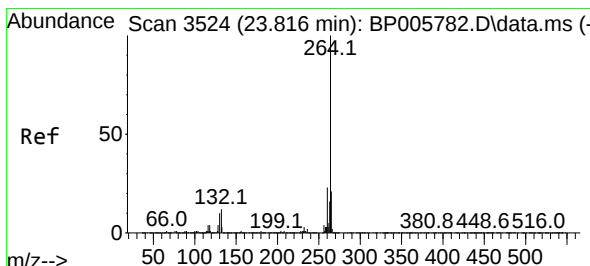
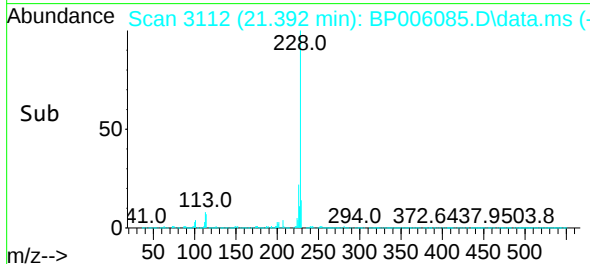
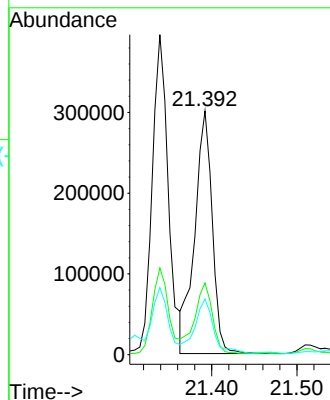
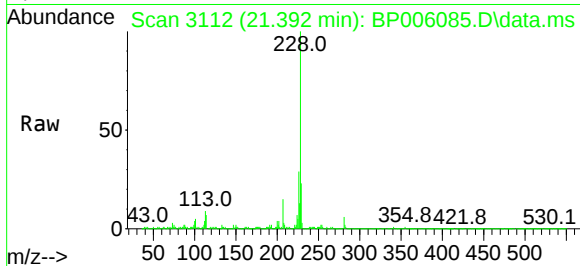




#83
Chrysene
Concen: 12.989 ng
RT: 21.392 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BP006085.D
Acq: 28 Jun 2021 19:32

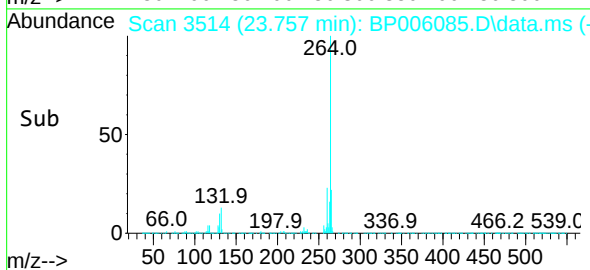
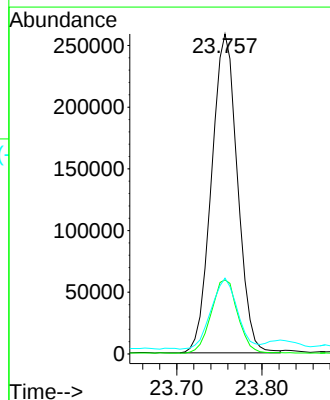
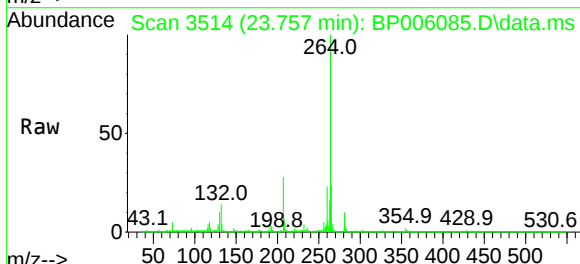
Instrument :
BNA_P
ClientSampleId :
124019

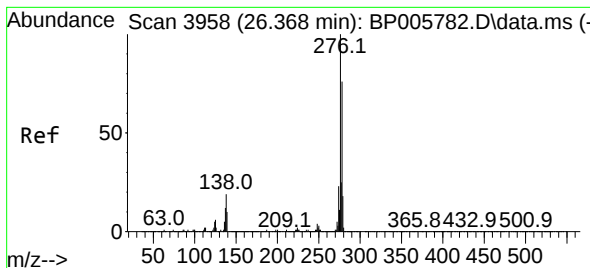
Tgt Ion:	228	Resp:	429336
Ion Ratio	Lower	Upper	
228	100		
226	29.4	23.8	35.6
229	22.8	15.4	23.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.757 min Scan# 3514
Delta R.T. -0.000 min
Lab File: BP006085.D
Acq: 28 Jun 2021 19:32

Tgt Ion:	264	Resp:	547715
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.6	28.0
265	23.7	17.6	26.4

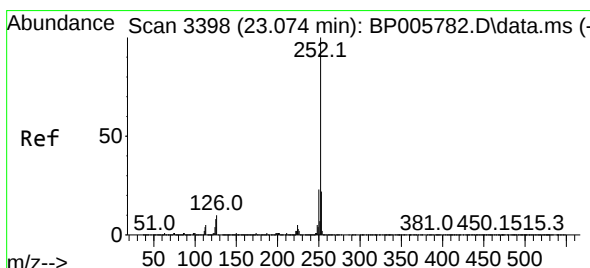
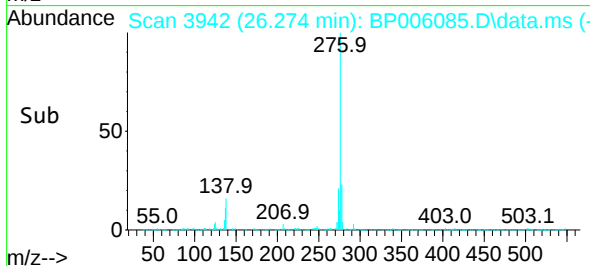
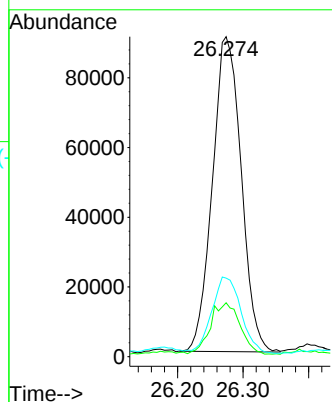
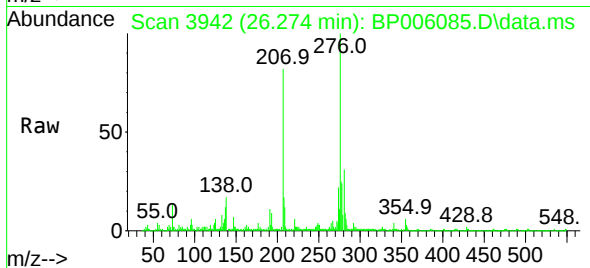




#87
Indeno(1,2,3-cd)pyrene
Concen: 5.879 ng
RT: 26.274 min Scan# 3942
Delta R.T. -0.018 min
Lab File: BP006085.D
Acq: 28 Jun 2021 19:32

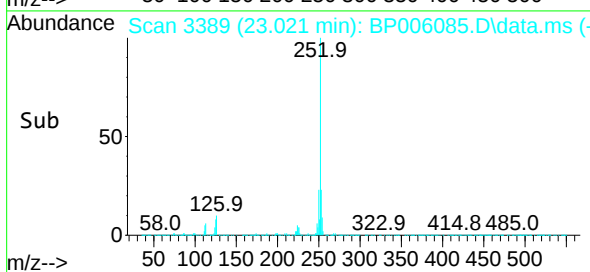
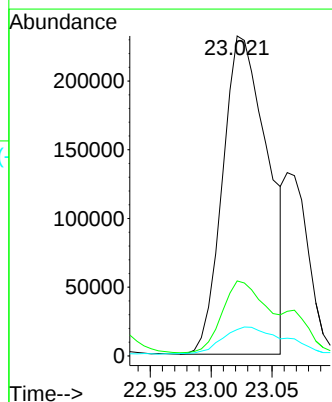
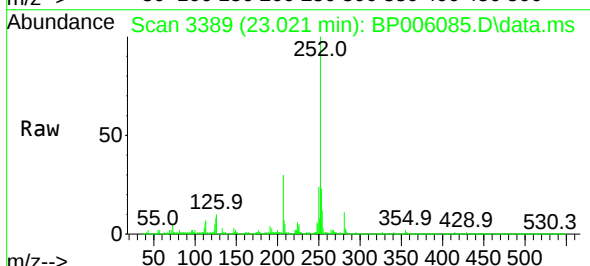
Instrument :
BNA_P
ClientSampleId :
124019

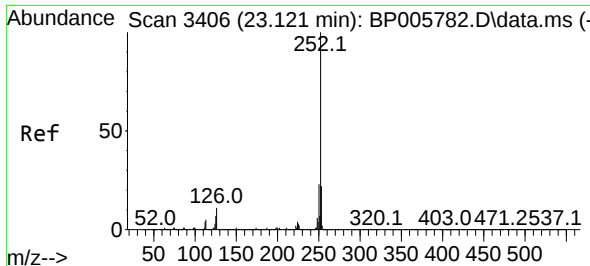
Tgt Ion:	276	Resp:	275378
Ion Ratio	Lower	Upper	
276	100		
138	16.7	15.3	22.9
277	24.8	20.4	30.6



#88
Benzo(b)fluoranthene
Concen: 15.903 ng
RT: 23.021 min Scan# 3389
Delta R.T. -0.000 min
Lab File: BP006085.D
Acq: 28 Jun 2021 19:32

Tgt Ion:	252	Resp:	596568
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.5	26.3
125	8.3	6.2	9.4

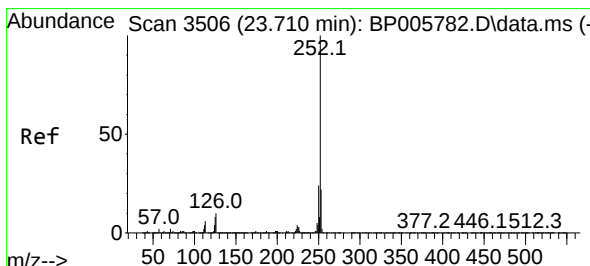
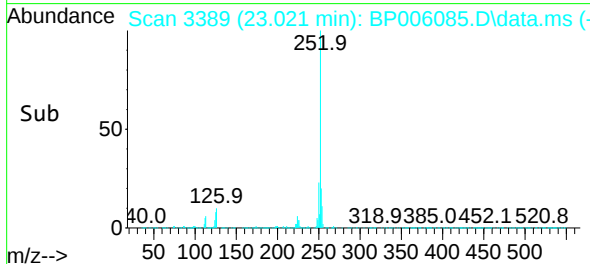
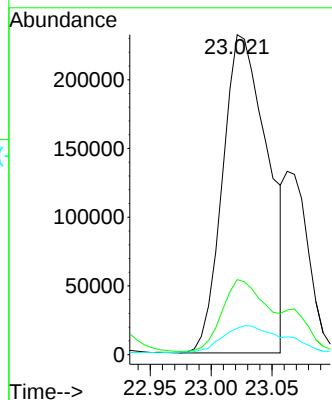
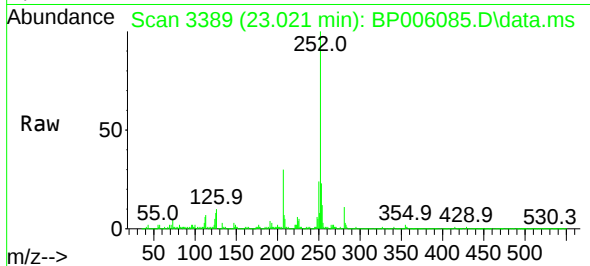




#89
Benzo(k)fluoranthene
Concen: 16.400 ng
RT: 23.021 min Scan# 3389
Delta R.T. -0.047 min
Lab File: BP006085.D
Acq: 28 Jun 2021 19:32

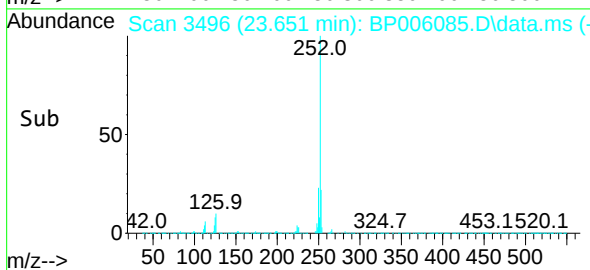
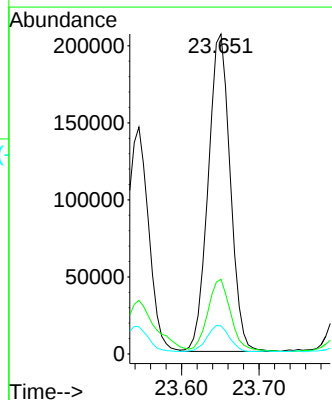
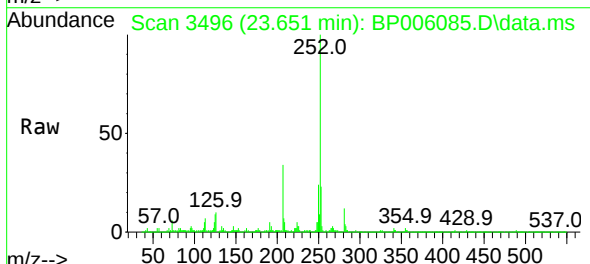
Instrument :
BNA_P
ClientSampleId :
124019

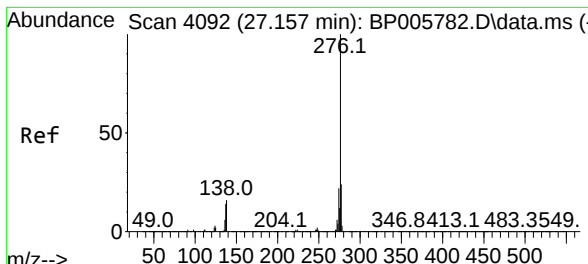
Tgt Ion:252 Resp: 596568
Ion Ratio Lower Upper
252 100
253 23.5 17.6 26.4
125 8.3 6.0 9.0



#90
Benzo(a)pyrene
Concen: 11.558 ng
RT: 23.651 min Scan# 3496
Delta R.T. -0.000 min
Lab File: BP006085.D
Acq: 28 Jun 2021 19:32

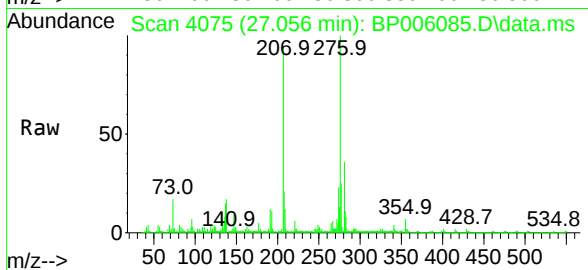
Tgt Ion:252 Resp: 407642
Ion Ratio Lower Upper
252 100
253 23.4 17.9 26.9
125 8.7 6.5 9.7





#92
 Benzo(g,h,i)perylene
 Concen: 6.416 ng
 RT: 27.056 min Scan# 4075
 Delta R.T. -0.006 min
 Lab File: BP006085.D
 Acq: 28 Jun 2021 19:32

Instrument :
 BNA_P
 ClientSampleId :
 124019



Tgt Ion:	276	Resp:	255489
Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.9	28.3
138	16.8	12.6	18.8

