

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052322\
 Data File : BP010519.D
 Acq On : 24 May 2022 16:51
 Operator : CG/JU
 Sample : N2950-08
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBTG6

Quant Time: May 24 23:17:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 05:50:40 2022
 Response via : Initial Calibration

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

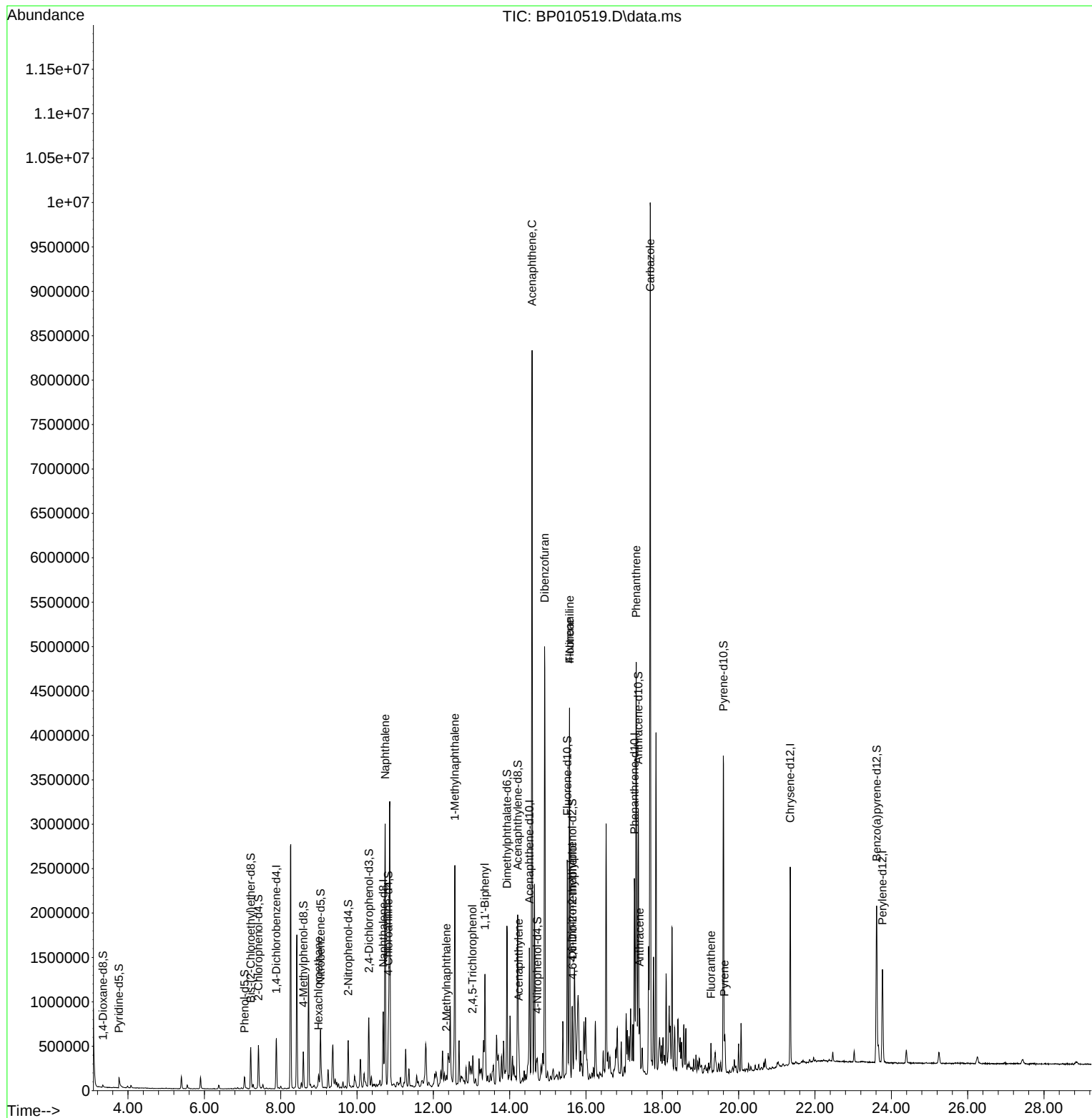
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	145290	20.000	ng/ul	0.00
20) Naphthalene-d8	10.687	136	663811	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.516	164	475012	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.269	188	1069693	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.351	240	1040726	20.000	ng/ul	# 0.00
88) Perylene-d12	23.768	264	799248	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	14790	4.339	ng/uL	0.00
4) Pyridine-d5	3.764	84	70284	7.262	ng/ul	0.00
7) Phenol-d5	7.052	99	68835	5.645	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	218486	26.667	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	194654	20.861	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	138228	13.338	ng/ul	0.00
21) Nitrobenzene-d5	9.046	128	136387	26.548	ng/ul	0.00
24) 2-Nitrophenol-d4	9.769	143	144011	26.451	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	246365	23.931	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	303284	19.814	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	1072338	30.641	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	1161129	28.763	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	33708	5.411	ng/ul	0.00
60) Fluorene-d10	15.510	176	935790	30.735	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	142379	22.759	ng/ul	0.00
73) Anthracene-d10	17.369	188	1567616	32.364	ng/ul	0.00
81) Pyrene-d10	19.598	212	1900383	34.384	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.615	264	1334937	33.263	ng/ul	0.00
Target Compounds						
					Qvalue	
19) Hexachloroethane	8.993	117	6628	1.564	ng/ul#	1
30) Naphthalene	10.740	128	2250878	64.919	ng/ul	97
36) 2-Methylnaphthalene	12.340	142	33149	1.351	ng/ul	97
37) 1-Methylnaphthalene	12.563	142	991247	39.997	ng/ul#	97
42) 2,4,5-Trichlorophenol	13.028	196	12236	1.213	ng/ul	85
43) 1,1'-Biphenyl	13.351	154	538772	15.453	ng/ul#	94
50) Acenaphthylene	14.239	152	105324	2.412	ng/ul#	94
52) Acenaphthene	14.586	153	3169564	111.257	ng/ul	97
56) Dibenzofuran	14.916	168	2804244	67.167	ng/ul	97
61) Fluorene	15.569	166	1726339	50.563	ng/ul	92
63) 4-Nitroaniline	15.569	138	20848	3.179	ng/ul#	12
66) 4,6-Dinitro-2-methylph...	15.645	198	8071	1.294	ng/ul#	1
72) Phenanthrene	17.316	178	2544055	44.564	ng/ul	99
74) Anthracene	17.404	178	246367	4.302	ng/ul	98
77) Carbazole	17.686	167	6394813	127.056	ng/ul#	95
80) Fluoranthene	19.274	202	182639	2.844	ng/ul	97
82) Pyrene	19.627	202	98571	1.471	ng/ul	96

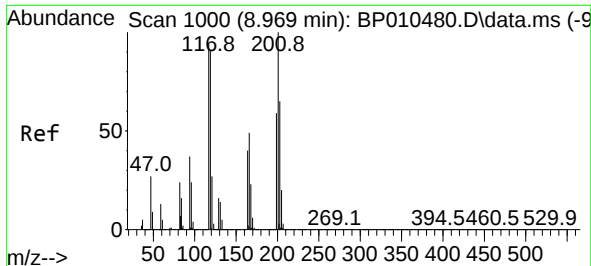
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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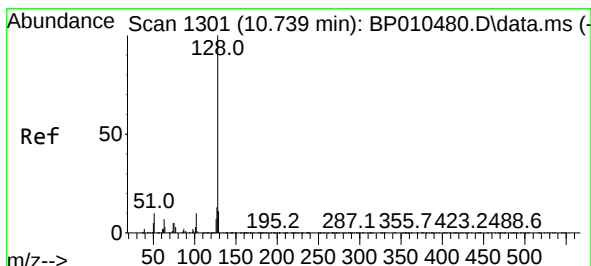
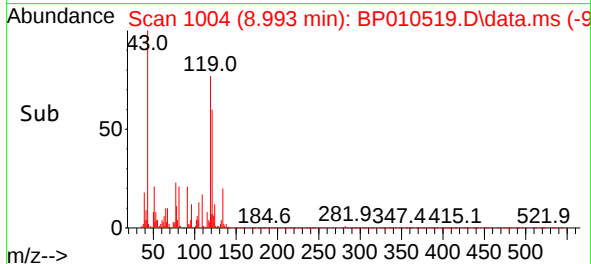
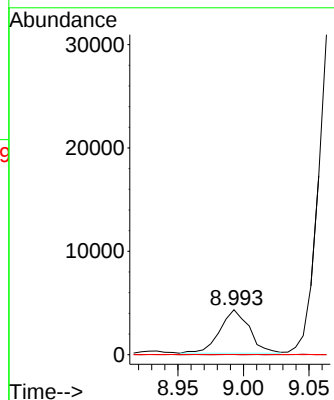
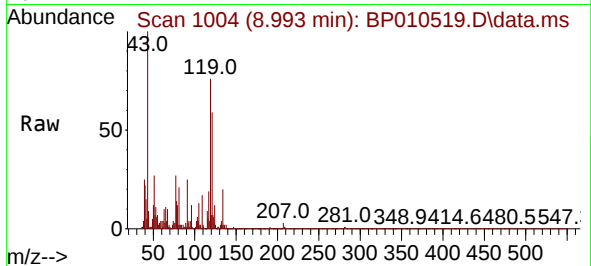




#19
Hexachloroethane
Concen: 1.564 ng/ul
RT: 8.993 min Scan# 1004
Delta R.T. 0.023 min
Lab File: BP010519.D
Acq: 24 May 2022 16:51

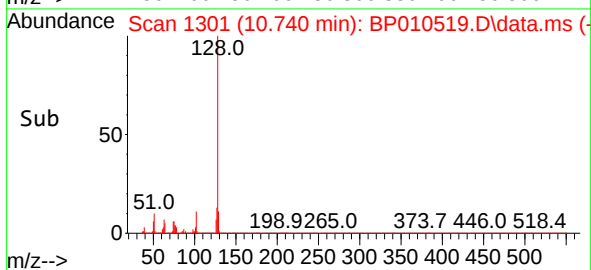
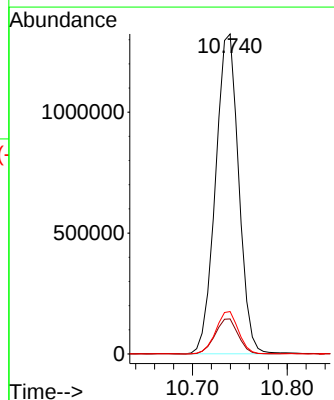
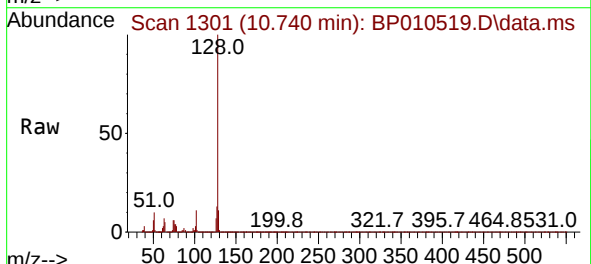
Instrument :
BNA_P
ClientSampleId :
DBTG6

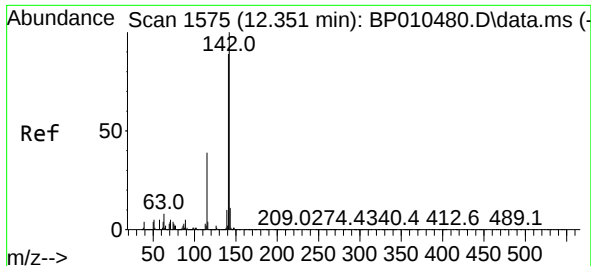
Tgt Ion:117 Resp: 6628
Ion Ratio Lower Upper
117 100
201 0.4 106.5 159.7#
199 0.2 59.0 88.6#



#30
Naphthalene
Concen: 64.919 ng/ul
RT: 10.740 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BP010519.D
Acq: 24 May 2022 16:51

Tgt Ion:128 Resp: 2250878
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.2 12.2 18.4

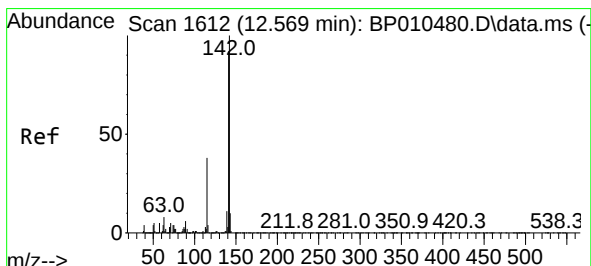
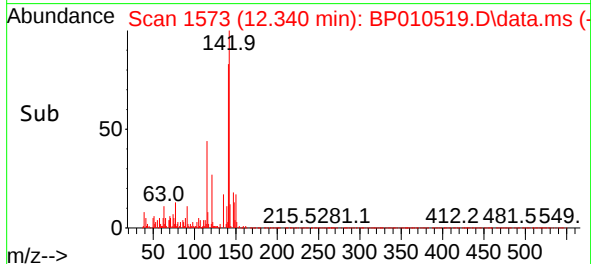
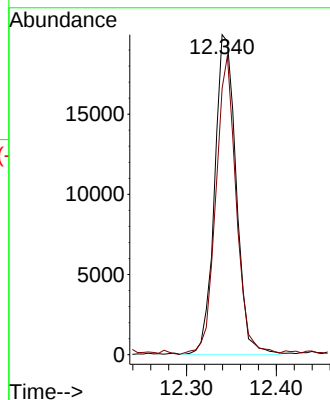
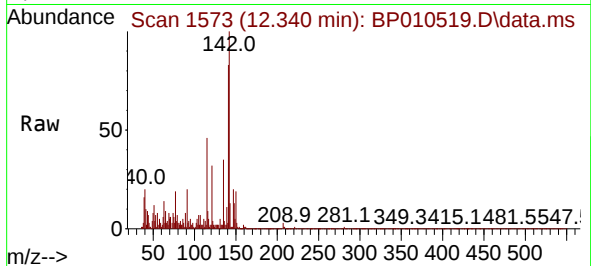




#36
2-Methylnaphthalene
Concen: 1.351 ng/ul
RT: 12.340 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP010519.D
Acq: 24 May 2022 16:51

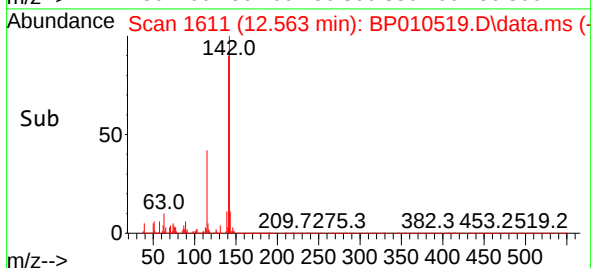
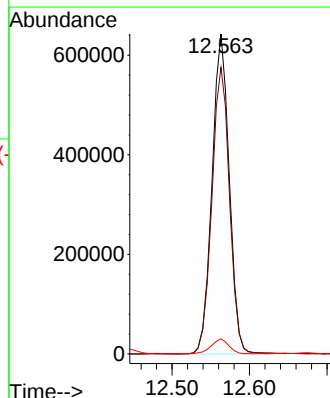
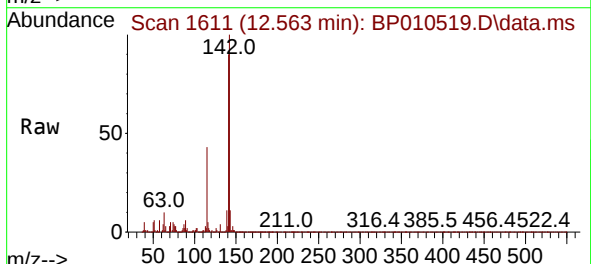
Instrument :
BNA_P
ClientSampleId :
DBTG6

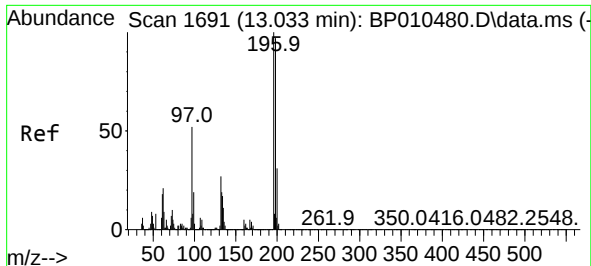
Tgt Ion:142 Resp: 33149
Ion Ratio Lower Upper
142 100
141 83.2 64.3 96.5



#37
1-Methylnaphthalene
Concen: 39.997 ng/ul
RT: 12.563 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BP010519.D
Acq: 24 May 2022 16:51

Tgt Ion:142 Resp: 991247
Ion Ratio Lower Upper
142 100
141 89.6 69.8 104.8
116 4.7 5.6 8.4#

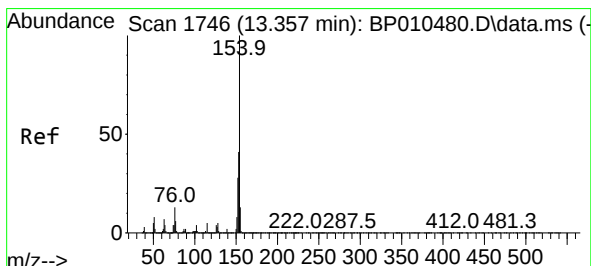
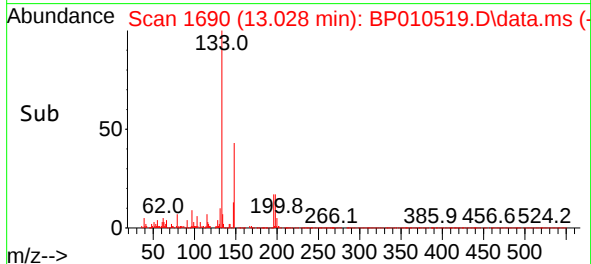
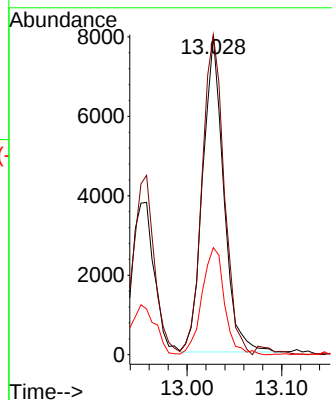
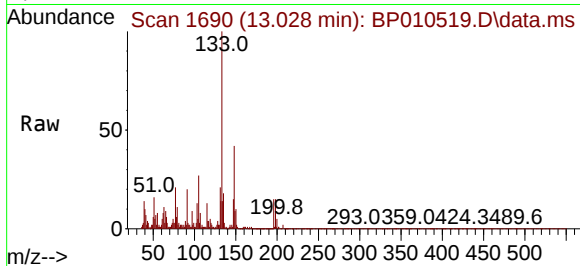




#42
2,4,5-Trichlorophenol
Concen: 1.213 ng/ul
RT: 13.028 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP010519.D
Acq: 24 May 2022 16:51

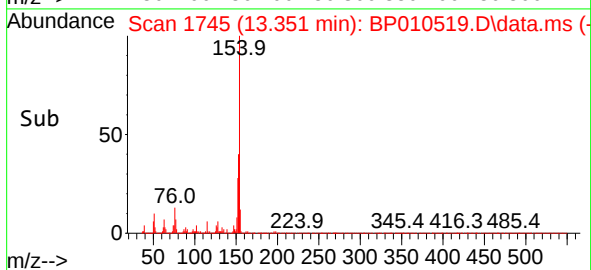
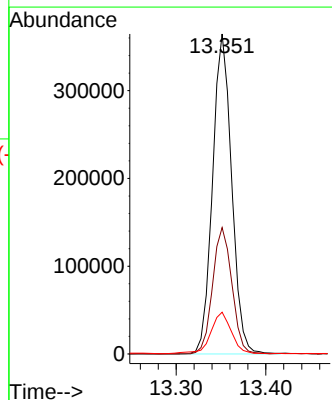
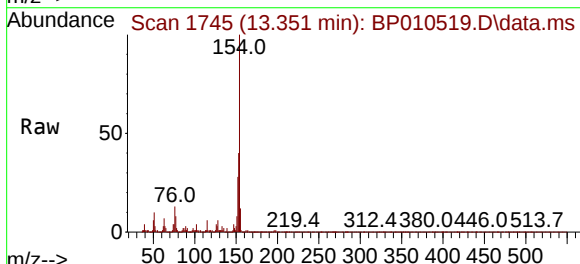
Instrument :
BNA_P
ClientSampleId :
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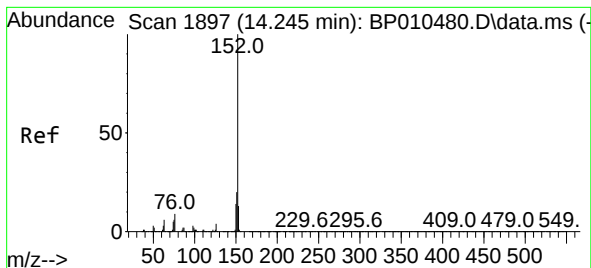
Tgt Ion:196 Resp: 12236
Ion Ratio Lower Upper
196 100
198 100.5 68.6 103.0
200 33.6 32.8 49.2



#43
1,1'-Biphenyl
Concen: 15.453 ng/ul
RT: 13.351 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BP010519.D
Acq: 24 May 2022 16:51

Tgt Ion:154 Resp: 538772
Ion Ratio Lower Upper
154 100
153 39.5 28.6 43.0
76 13.0 8.5 12.7#





#50

Acenaphthylene

Concen: 2.412 ng/ul

RT: 14.239 min Scan# 1896

Delta R.T. -0.000 min

Lab File: BP010519.D

Acq: 24 May 2022 16:51

Instrument :

BNA_P

ClientSampleId :

DBTG6

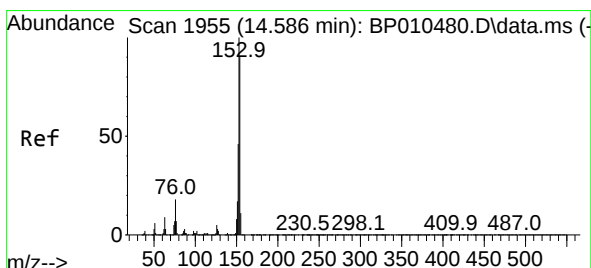
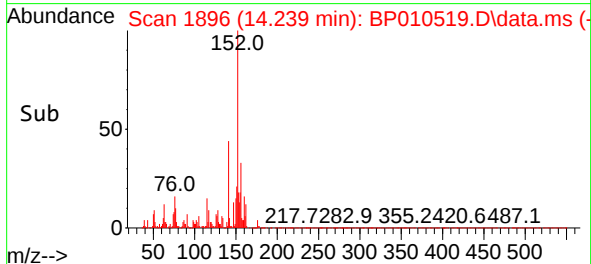
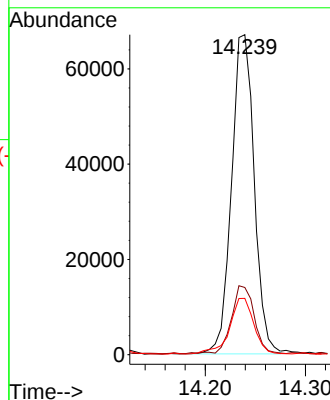
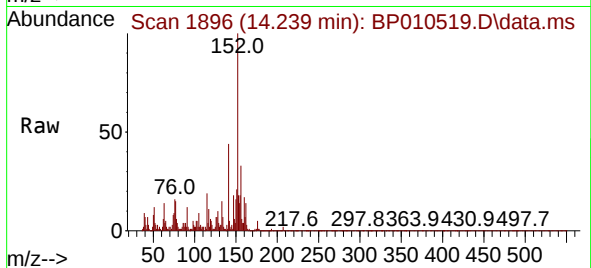
Tgt Ion:152 Resp: 105324

Ion Ratio Lower Upper

152 100

151 21.0 18.3 27.5

153 17.6 11.0 16.6#



#52

Acenaphthene

Concen: 111.257 ng/ul

RT: 14.586 min Scan# 1955

Delta R.T. 0.006 min

Lab File: BP010519.D

Acq: 24 May 2022 16:51

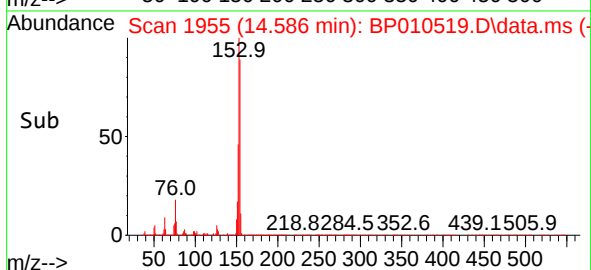
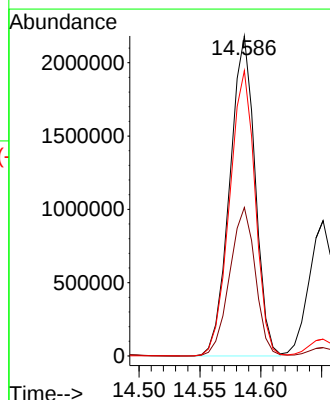
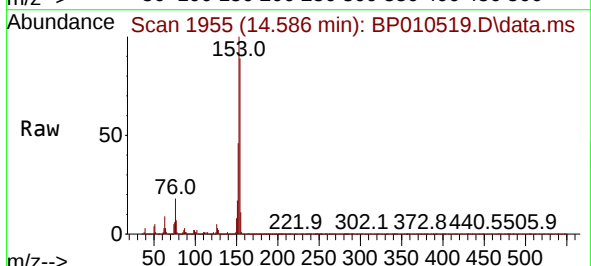
Tgt Ion:153 Resp: 3169564

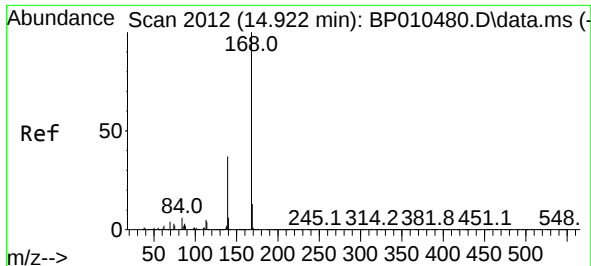
Ion Ratio Lower Upper

153 100

152 46.4 34.3 51.5

154 89.1 70.0 105.0

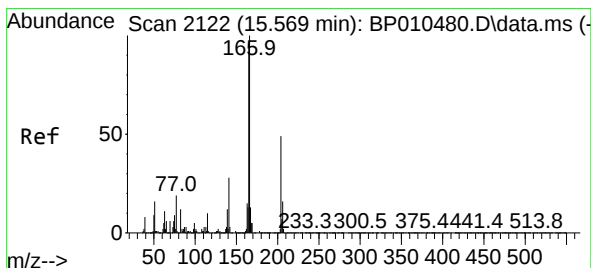
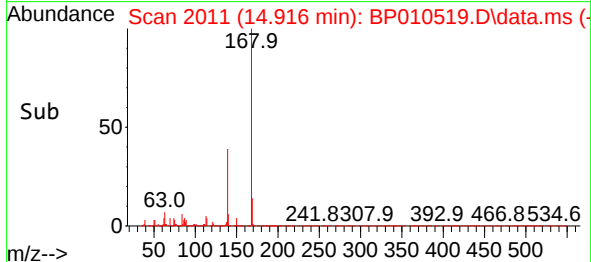
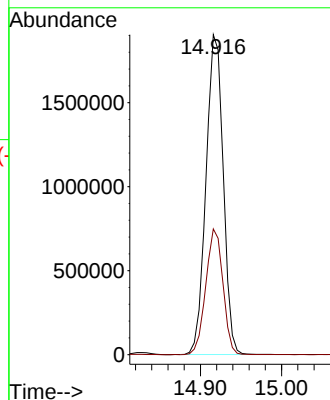
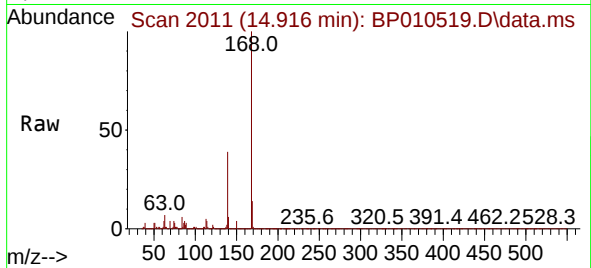




#56
Dibenzenofuran
Concen: 67.167 ng/ul
RT: 14.916 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BP010519.D
Acq: 24 May 2022 16:51

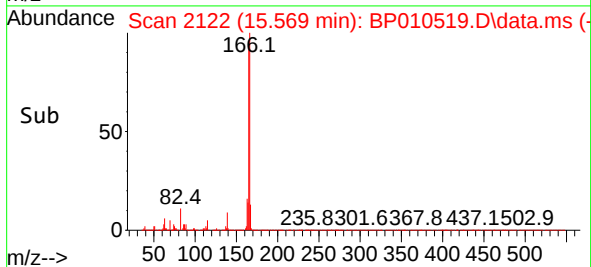
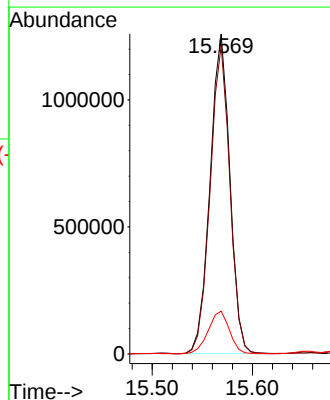
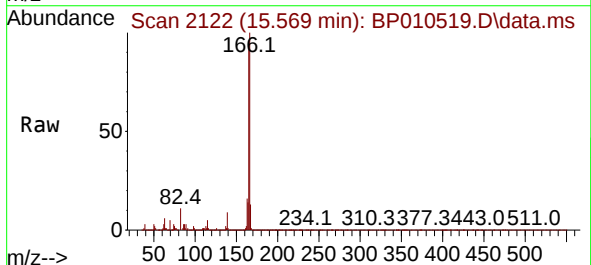
Instrument :
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ClientSampleId :
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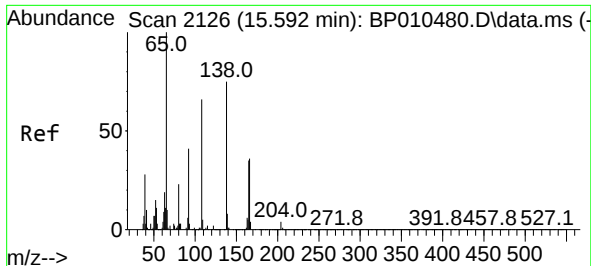
Tgt Ion:168 Resp: 2804244
Ion Ratio Lower Upper
168 100
139 39.3 30.1 45.1



#61
Fluorene
Concen: 50.563 ng/ul
RT: 15.569 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BP010519.D
Acq: 24 May 2022 16:51

Tgt Ion:166 Resp: 1726339
Ion Ratio Lower Upper
166 100
165 96.4 70.3 105.5
167 13.4 9.5 14.3

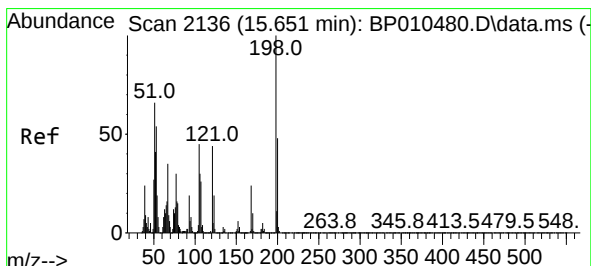
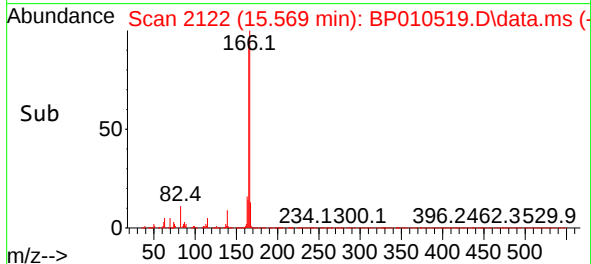
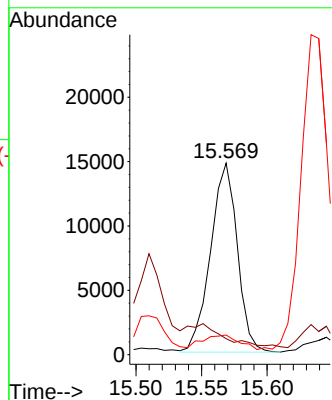
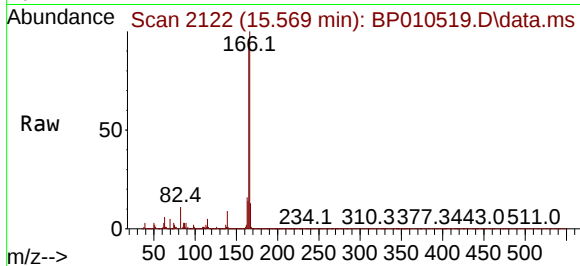




#63
4-Nitroaniline
Concen: 3.179 ng/ul
RT: 15.569 min Scan# 2122
Delta R.T. -0.018 min
Lab File: BP010519.D
Acq: 24 May 2022 16:51

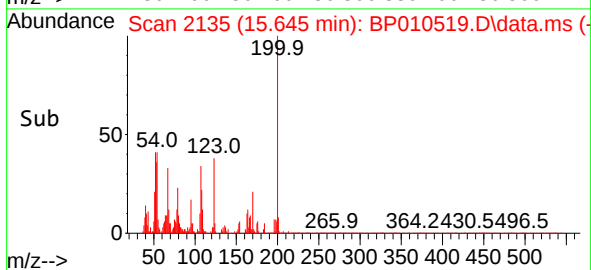
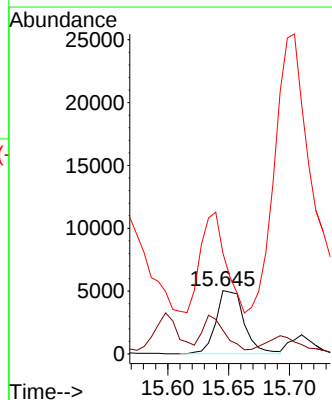
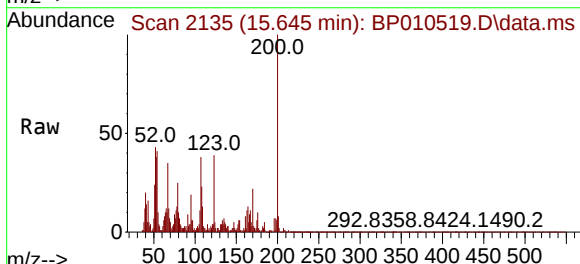
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BNA_P
ClientSampleId :
DBTG6

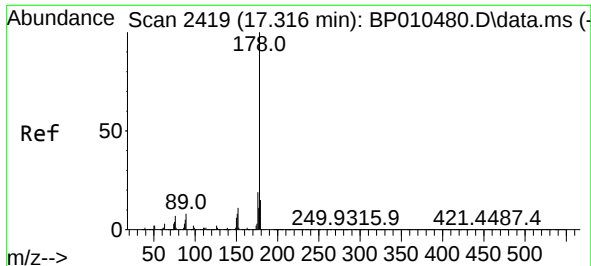
Tgt Ion:138 Resp: 20848
Ion Ratio Lower Upper
138 100
92 8.4 41.6 62.4#
108 10.3 97.6 146.4#



#66
4,6-Dinitro-2-methylphenol
Concen: 1.294 ng/ul
RT: 15.645 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BP010519.D
Acq: 24 May 2022 16:51

Tgt Ion:198 Resp: 8071
Ion Ratio Lower Upper
198 100
182 37.3 6.0 9.0#
77 159.2 17.7 26.5#

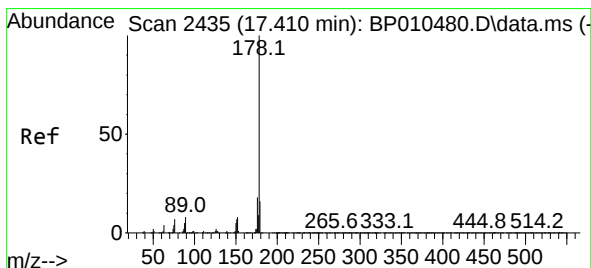
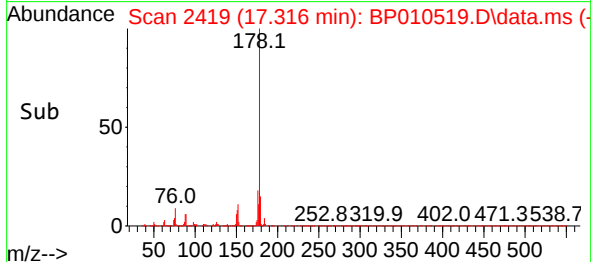
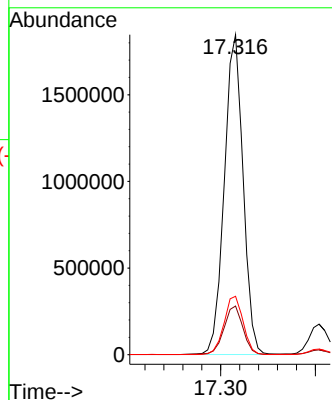
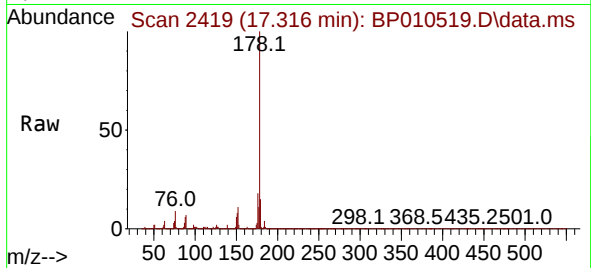




#72
Phenanthrene
Concen: 44.564 ng/ul
RT: 17.316 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BP010519.D
Acq: 24 May 2022 16:51

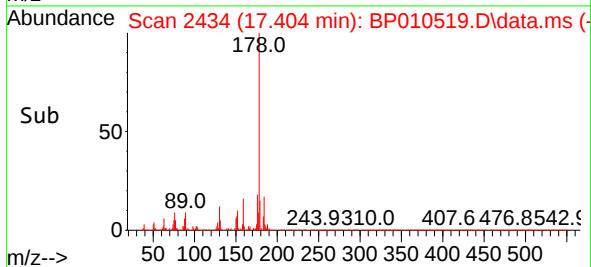
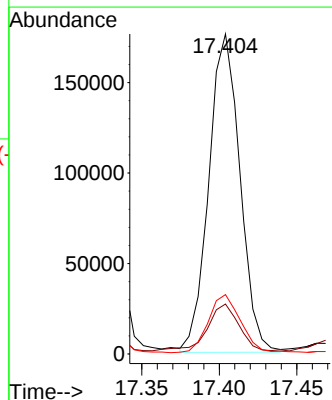
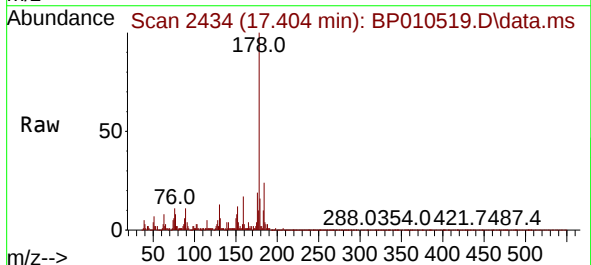
Instrument :
BNA_P
ClientSampleId :
DBTG6

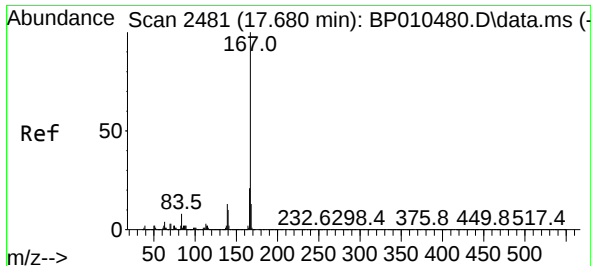
Tgt Ion:178 Resp: 2544055
Ion Ratio Lower Upper
178 100
179 15.2 11.7 17.5
176 18.2 14.5 21.7



#74
Anthracene
Concen: 4.302 ng/ul
RT: 17.404 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BP010519.D
Acq: 24 May 2022 16:51

Tgt Ion:178 Resp: 246367
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 18.5 13.4 20.2

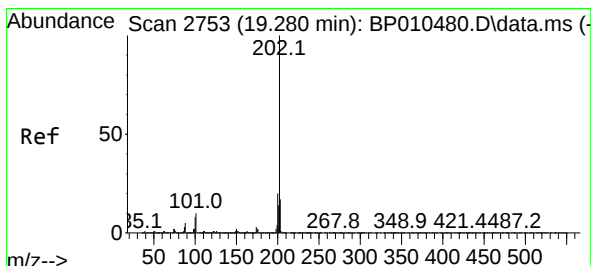
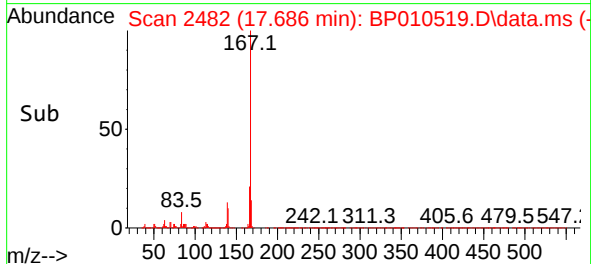
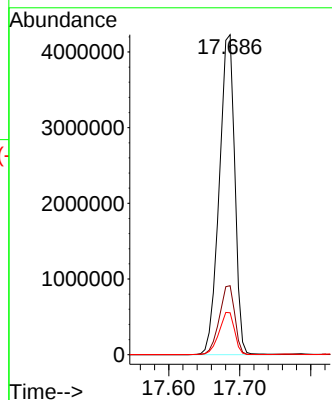
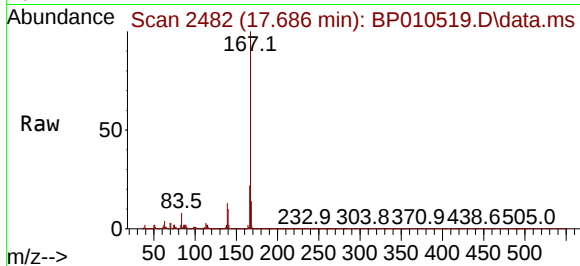




#77
 Carbazole
 Concen: 127.056 ng/ul
 RT: 17.686 min Scan# 2481
 Delta R.T. 0.012 min
 Lab File: BP010519.D
 Acq: 24 May 2022 16:51

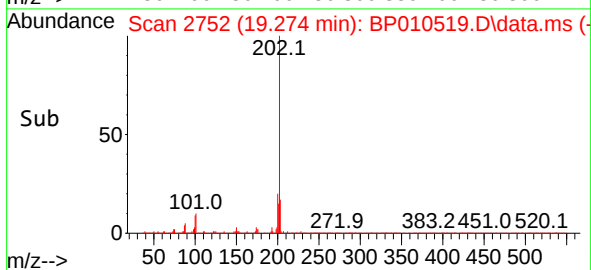
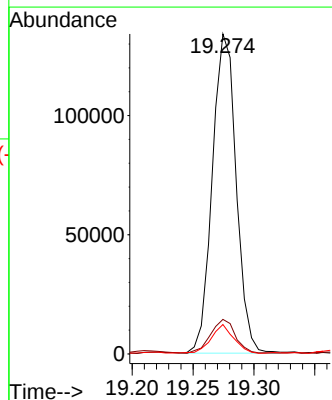
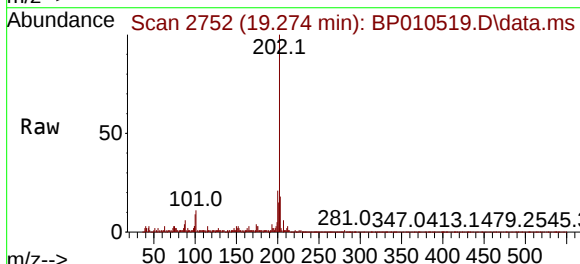
Instrument :
 BNA_P
 ClientSampleId :
 DBTG6

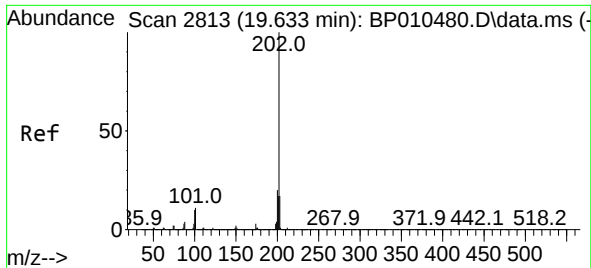
Tgt Ion:167 Resp: 6394813
 Ion Ratio Lower Upper
 167 100
 166 21.5 15.8 23.8
 139 13.1 8.3 12.5#



#80
 Fluoranthene
 Concen: 2.844 ng/ul
 RT: 19.274 min Scan# 2752
 Delta R.T. -0.006 min
 Lab File: BP010519.D
 Acq: 24 May 2022 16:51

Tgt Ion:202 Resp: 182639
 Ion Ratio Lower Upper
 202 100
 101 10.8 9.6 14.4
 100 9.2 6.3 9.5





#82

Pyrene

Concen: 1.471 ng/ul

RT: 19.627 min Scan# 2812

Delta R.T. -0.000 min

Lab File: BP010519.D

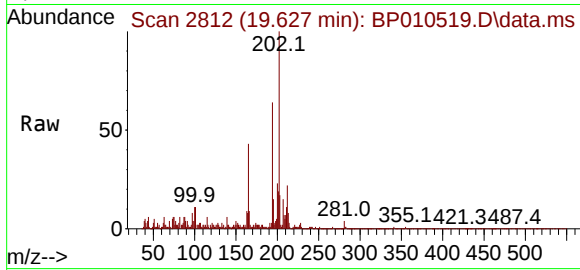
Acq: 24 May 2022 16:51

Instrument :

BNA_P

ClientSampleId :

DBTG6



Tgt Ion:202 Resp: 98571

Ion Ratio Lower Upper

202 100

101 11.4 10.6 15.8

100 10.9 9.8 14.6

