

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
 Data File : BG050496.D
 Acq On : 7 Oct 2021 23:55
 Operator : CG/JU
 Sample : M4134-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-01

Manual Integrations
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Quant Time: Oct 08 05:47:01 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	57814	20.00	ng	0.00
21) Naphthalene-d8	11.085	136	245845	20.00	ng	# 0.00
39) Acenaphthene-d10	14.875	164	158758	20.00	ng	0.00
64) Phenanthrene-d10	17.618	188	335063	20.00	ng	# 0.00
76) Chrysene-d12	21.919	240	289809	20.00	ng	# 0.00
86) Perylene-d12	25.327	264	287376	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	346126	89.54	ng	0.00
7) Phenol-d6	7.395	99	476640	85.16	ng	0.00
23) Nitrobenzene-d5	9.428	82	337176	56.77	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	126541	83.57	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	615839	58.38	ng	0.00
79) Terphenyl-d14	20.210	244	851206	57.24	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.660	178	87543	4.96	ng	98
75) Fluoranthene	19.657	202	203391	9.37	ng	96
78) Pyrene	20.016	202	226804	11.03	ng	99
81) Benzo(a)anthracene	21.896	228	114343	5.96	ng	99
83) Chrysene	21.966	228	101373	5.62	ng	95
87) Indeno(1,2,3-cd)pyrene	29.234	276	54898	2.74	ng	# 87
88) Benzo(b)fluoranthene	24.240	252	113543	6.45	ng	# 92
89) Benzo(k)fluoranthene	24.299	252	37055m	2.14	ng	
90) Benzo(a)pyrene	25.168	252	88345	5.90	ng	# 96
92) Benzo(g,h,i)perylene	30.474	276	51733	3.19	ng	# 86

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

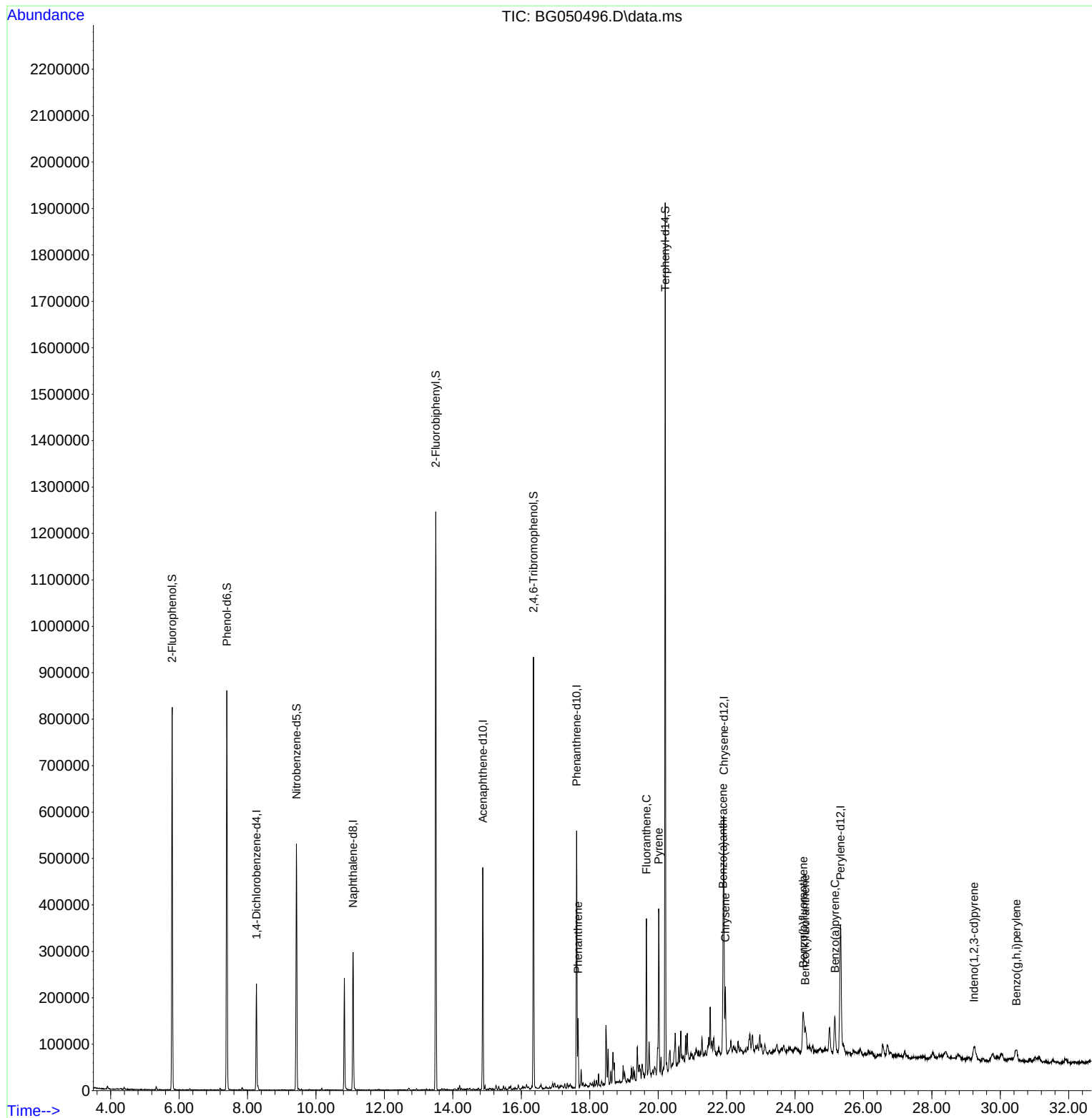
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050496.D
Acq On : 7 Oct 2021 23:55
Operator : CG/JU
Sample : M4134-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

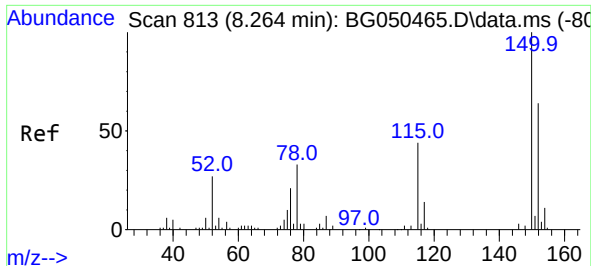
Instrument :
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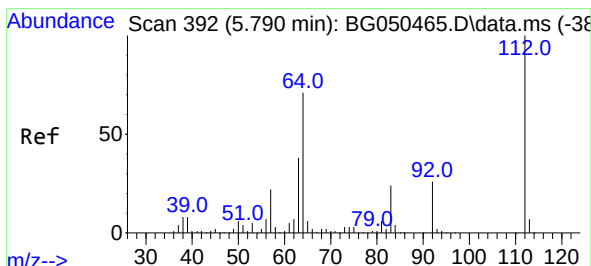
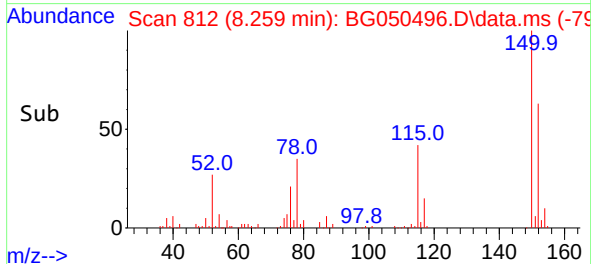
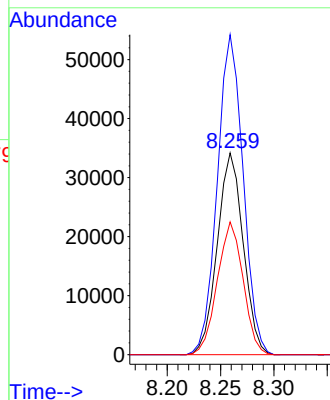
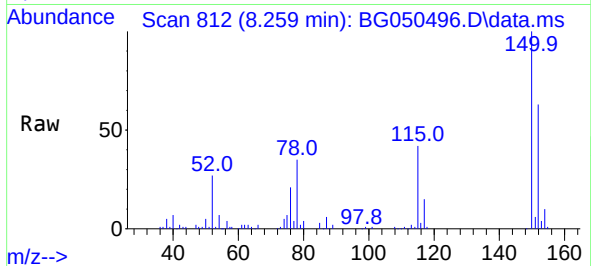
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.259 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG050496.D
Acq: 7 Oct 2021 23:55

Tgt Ion:152 Resp: 57814
Ion Ratio Lower Upper
152 100
150 158.6 119.4 179.0
115 65.8 60.2 90.4

Instrument :
BNA_G
ClientSampled :
SP-01

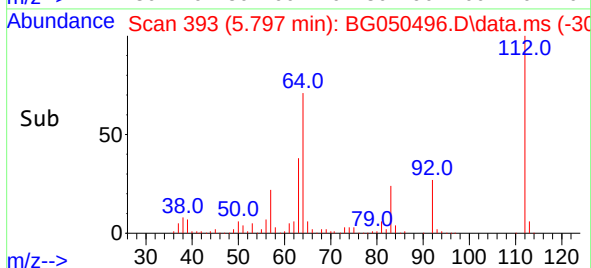
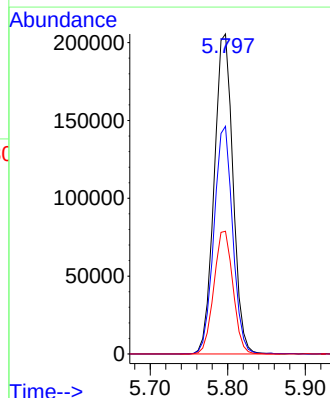
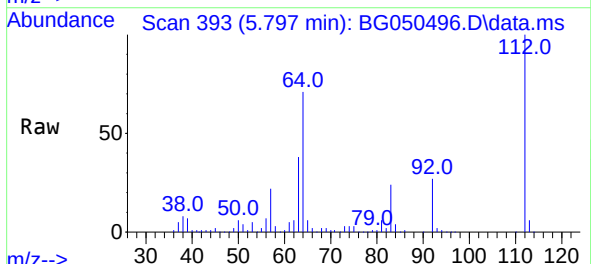
Manual Integrations
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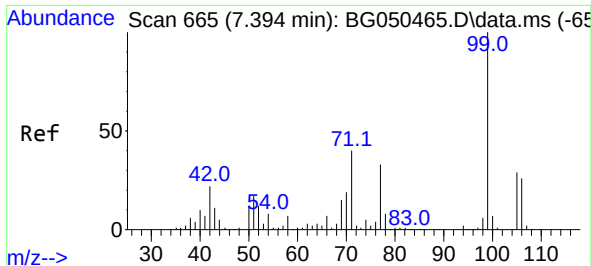
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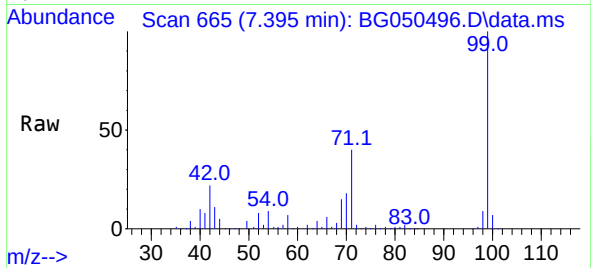
#5
2-Fluorophenol
Concen: 89.54 ng
RT: 5.797 min Scan# 393
Delta R.T. 0.007 min
Lab File: BG050496.D
Acq: 7 Oct 2021 23:55

Tgt Ion:112 Resp: 346126
Ion Ratio Lower Upper
112 100
64 71.2 46.7 70.1#
63 38.4 35.3 52.9

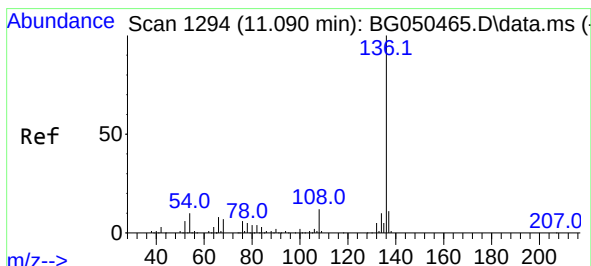
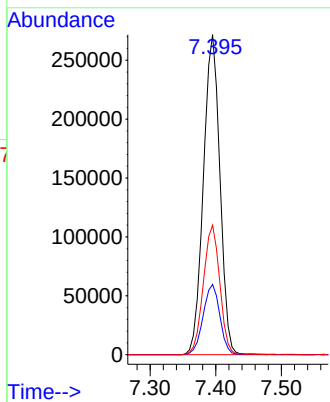
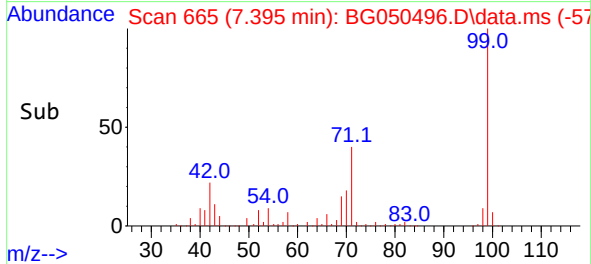




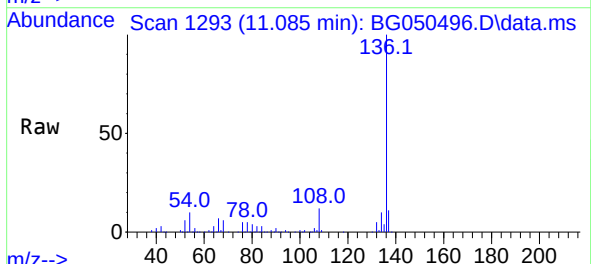
#7
Phenol-d6
Concen: 85.16 ng
RT: 7.395 min Scan# 665
Delta R.T. 0.001 min
Lab File: BG050496.D
Acq: 7 Oct 2021 23:55



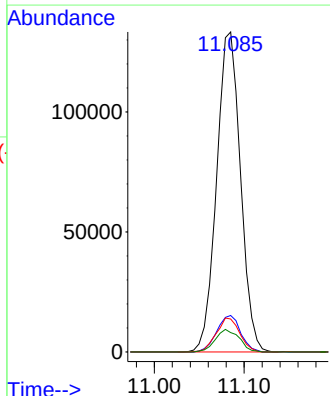
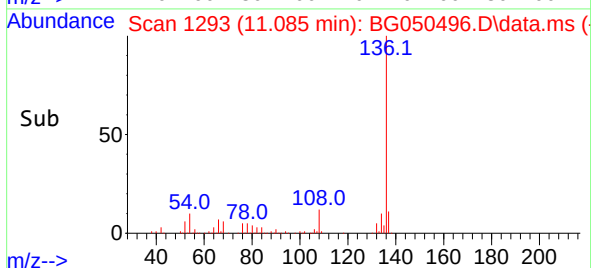
Tgt Ion: 99 Resp: 476640
Ion Ratio Lower Upper
99 100
42 22.0 20.5 30.7
71 40.5 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050496.D
Acq: 7 Oct 2021 23:55



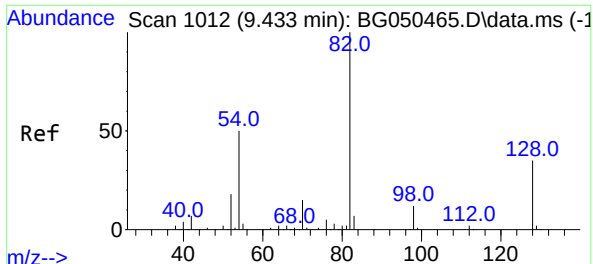
Tgt Ion: 136 Resp: 245845
Ion Ratio Lower Upper
136 100
137 11.4 8.2 12.2
54 10.3 5.5 8.3#
68 6.0 2.3 3.5#



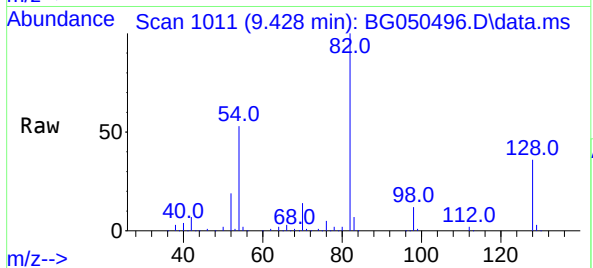
Instrument :
BNA_G
ClientSampled :
SP-01

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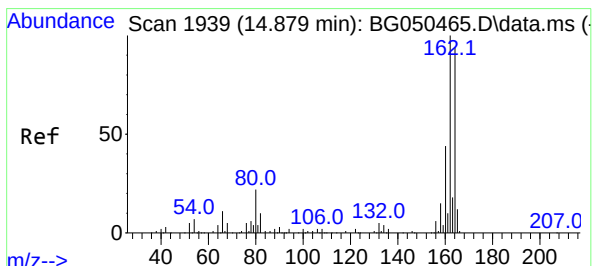
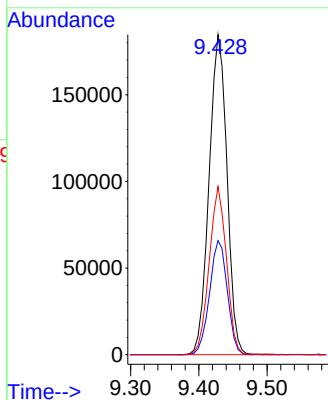
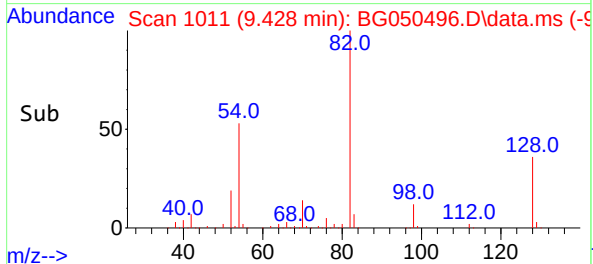
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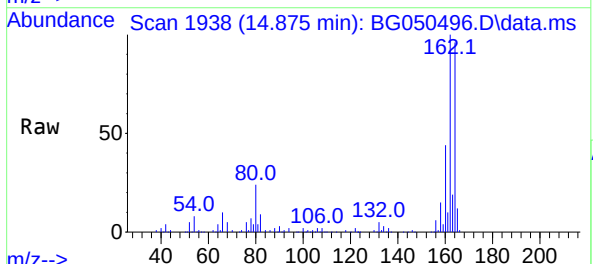
#23
Nitrobenzene-d5
Concen: 56.77 ng
RT: 9.428 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG050496.D
Acq: 7 Oct 2021 23:55



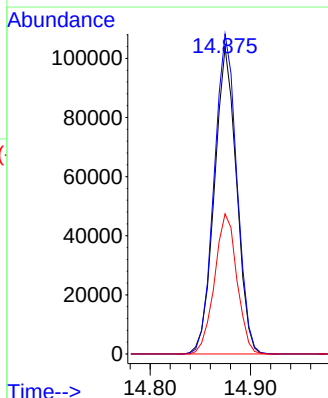
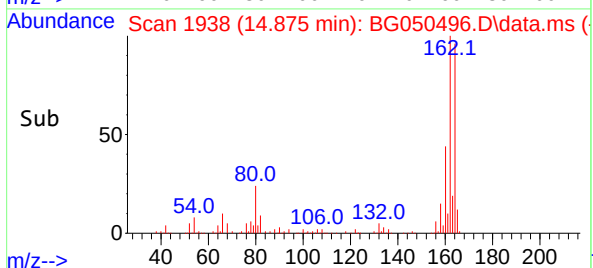
Tgt Ion: 82 Resp: 337176
Ion Ratio Lower Upper
82 100
128 35.6 29.8 44.6
54 52.5 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.875 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BG050496.D
Acq: 7 Oct 2021 23:55



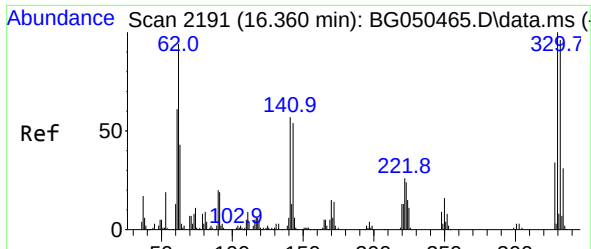
Tgt Ion: 164 Resp: 158758
Ion Ratio Lower Upper
164 100
162 104.4 81.4 122.0
160 45.7 34.9 52.3



Instrument :
BNA_G
ClientSampled :
SP-01

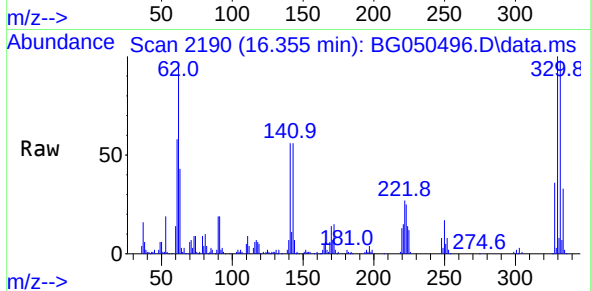
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#42
2,4,6-Tribromophenol
Concen: 83.57 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BG050496.D
Acq: 7 Oct 2021 23:55

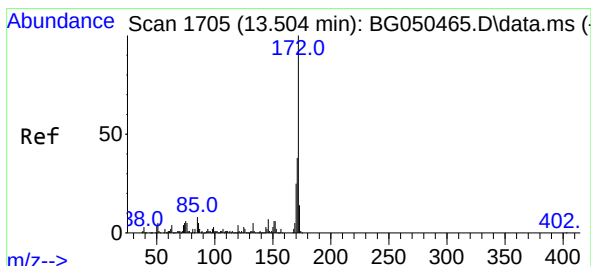
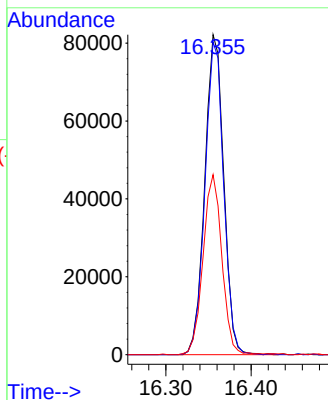
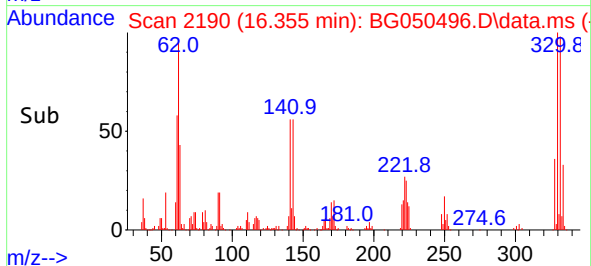
Instrument :
BNA_G
ClientSampled :
SP-01



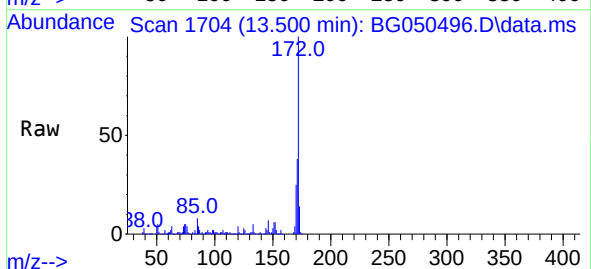
Tgt Ion:330 Resp: 126541
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 56.0 35.6 53.4#

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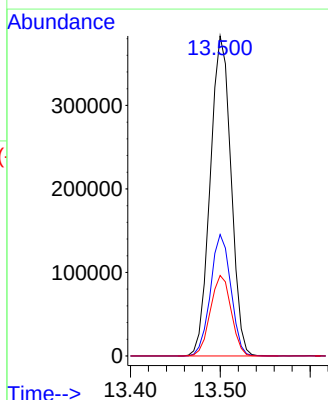
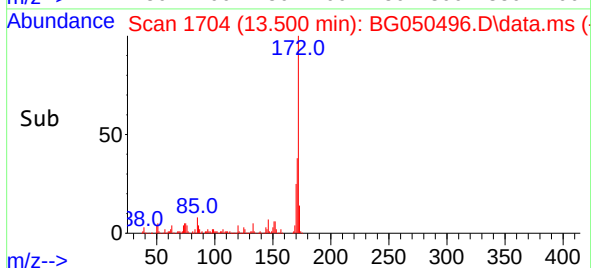
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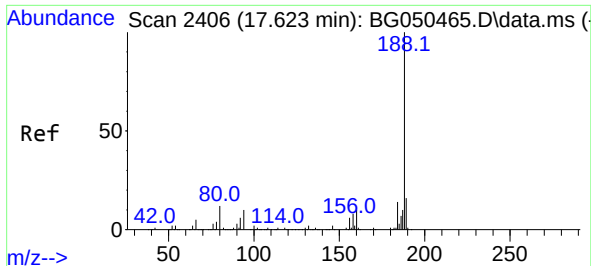


#45
2-Fluorobiphenyl
Concen: 58.38 ng
RT: 13.500 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BG050496.D
Acq: 7 Oct 2021 23:55



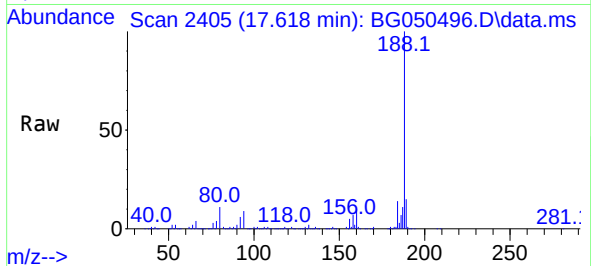
Tgt Ion:172 Resp: 615839
Ion Ratio Lower Upper
172 100
171 37.9 28.6 43.0
170 25.2 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.618 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG050496.D
Acq: 7 Oct 2021 23:55

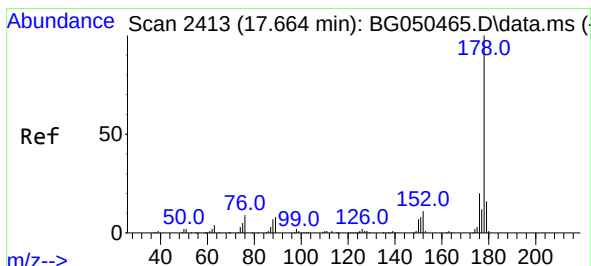
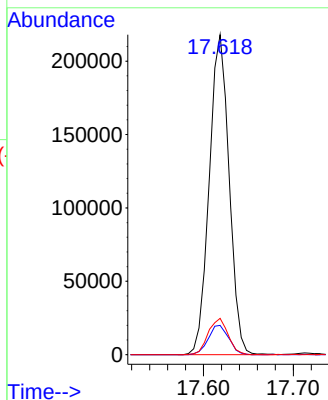
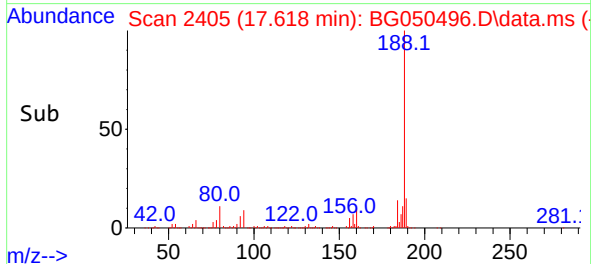
Instrument :
BNA_G
ClientSampled :
SP-01



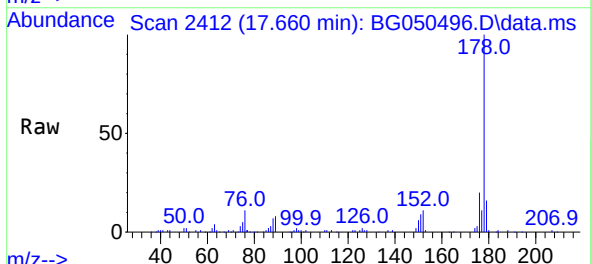
Tgt Ion:188 Resp: 335063
Ion Ratio Lower Upper
188 100
94 9.1 5.4 8.0#
80 11.4 3.7 5.5#

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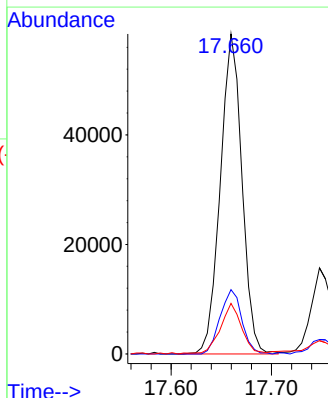
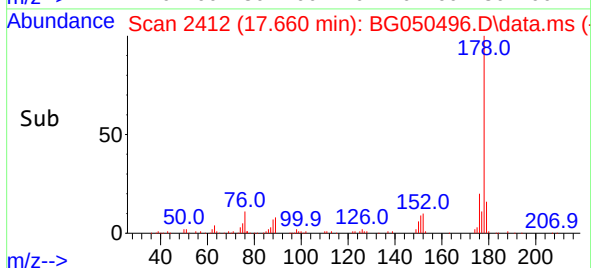
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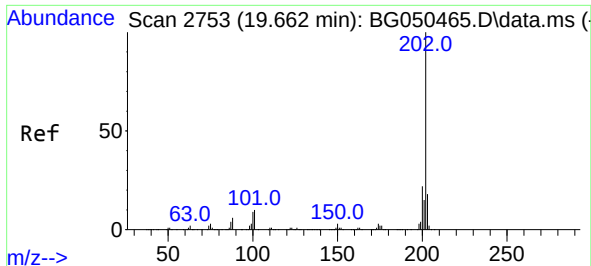


#71
Phenanthrene
Concen: 4.96 ng
RT: 17.660 min Scan# 2412
Delta R.T. -0.005 min
Lab File: BG050496.D
Acq: 7 Oct 2021 23:55

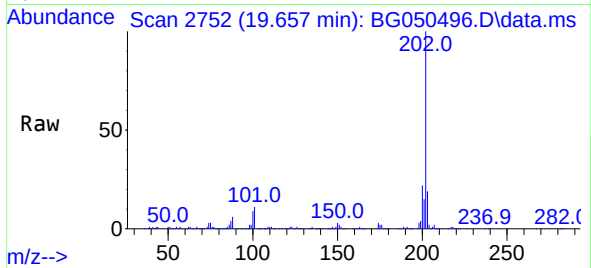


Tgt Ion:178 Resp: 87543
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 15.8 14.2 21.4

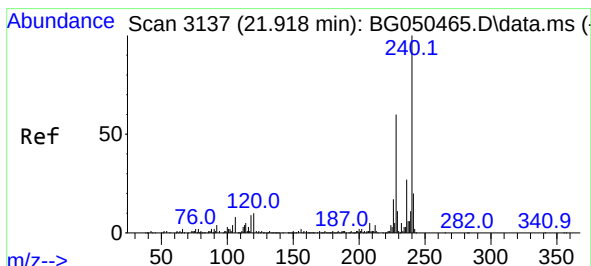
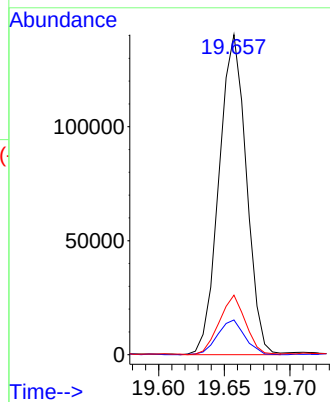
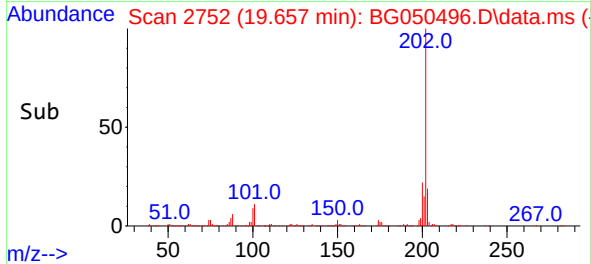




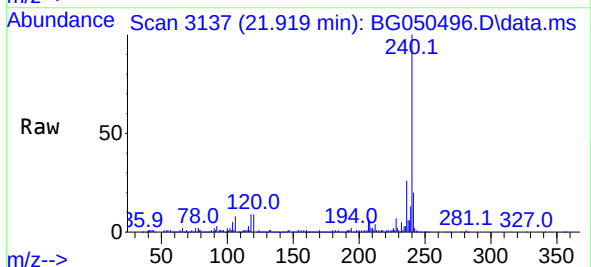
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Fluoranthene
Concen: 9.37 ng
RT: 19.657 min Scan# 2752
Delta R.T. -0.005 min
Lab File: BG050496.D
Acq: 7 Oct 2021 23:55



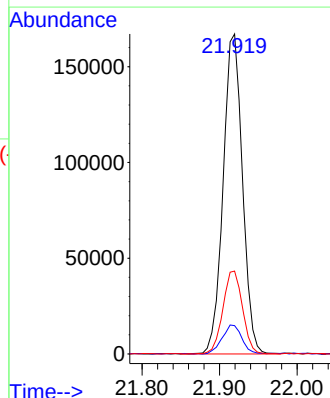
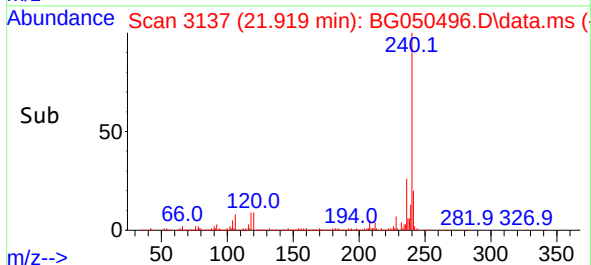
Tgt Ion:202 Resp: 203391
Ion Ratio Lower Upper
202 100
101 10.8 0.0 24.7
203 18.6 0.0 38.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.919 min Scan# 3137
Delta R.T. 0.001 min
Lab File: BG050496.D
Acq: 7 Oct 2021 23:55



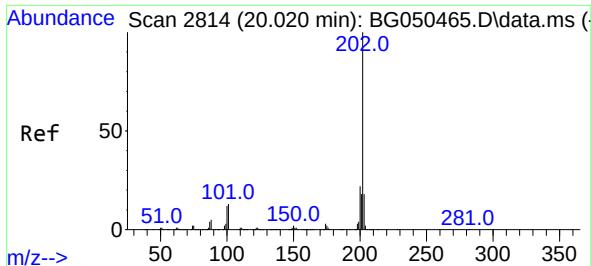
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Ion Ratio Lower Upper
240 100
120 8.9 4.2 6.2#
236 25.9 21.8 32.6



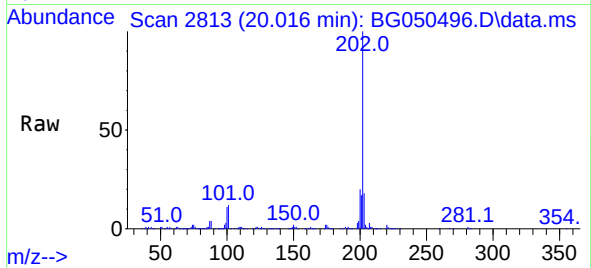
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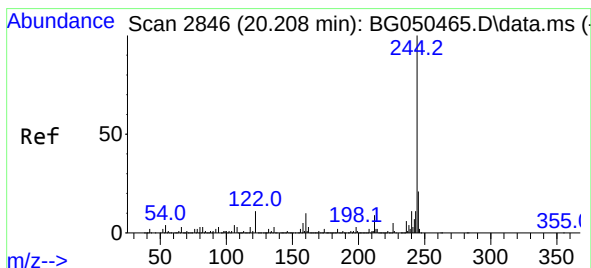
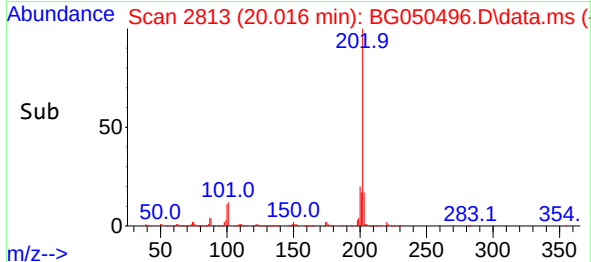
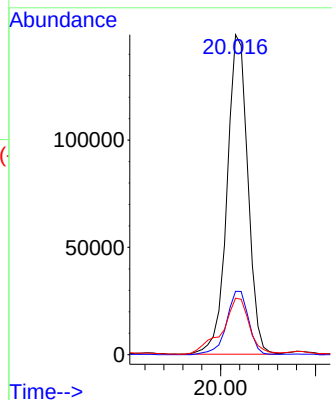
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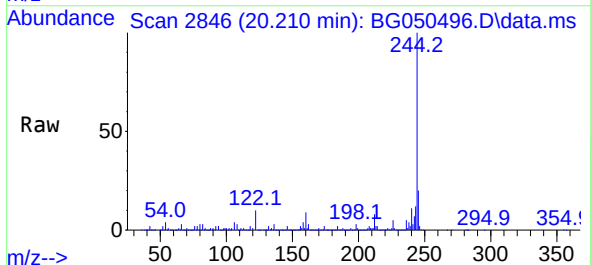
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Pyrene
Concen: 11.03 ng
RT: 20.016 min Scan# 2813
Delta R.T. -0.005 min
Lab File: BG050496.D
Acq: 7 Oct 2021 23:55



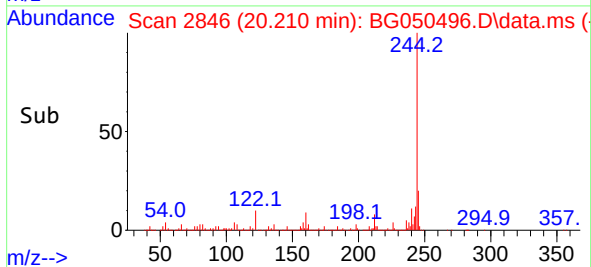
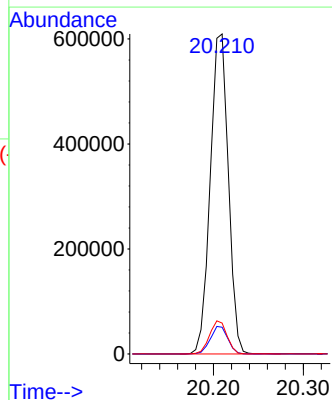
Tgt Ion:202 Resp: 226804
Ion Ratio Lower Upper
202 100
200 19.8 15.8 23.8
203 17.6 14.6 21.8



#79
Terphenyl-d14
Concen: 57.24 ng
RT: 20.210 min Scan# 2846
Delta R.T. 0.001 min
Lab File: BG050496.D
Acq: 7 Oct 2021 23:55



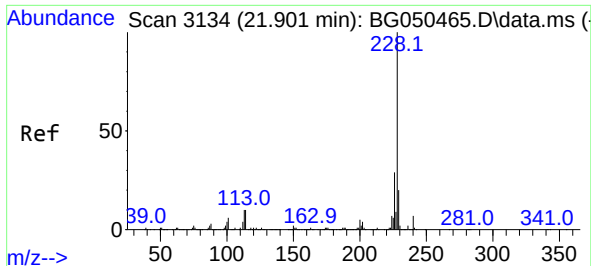
Tgt Ion:244 Resp: 851206
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 9.6 5.0 7.6#



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10/11/2021 12:54:49 PM



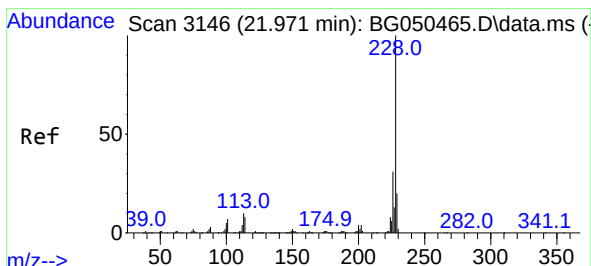
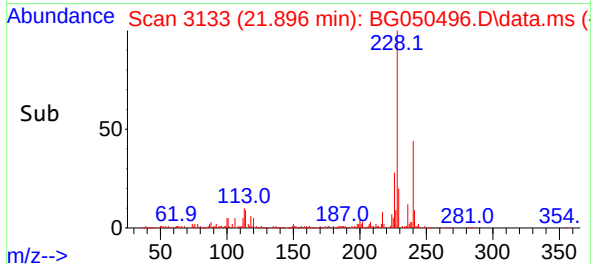
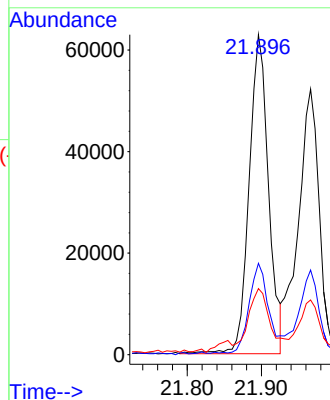
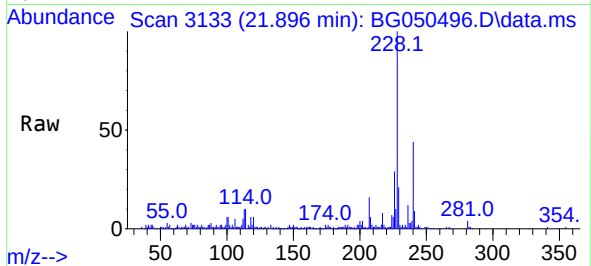
#81
Benzo(a)anthracene
Concen: 5.96 ng
RT: 21.896 min Scan# 3133
Delta R.T. -0.005 min
Lab File: BG050496.D
Acq: 7 Oct 2021 23:55

Tgt Ion:228 Resp: 114343
Ion Ratio Lower Upper
228 100
226 28.6 22.7 34.1
229 20.6 16.0 24.0

Instrument :
BNA_G
ClientSampled :
SP-01

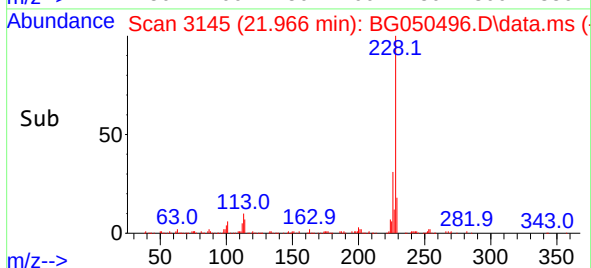
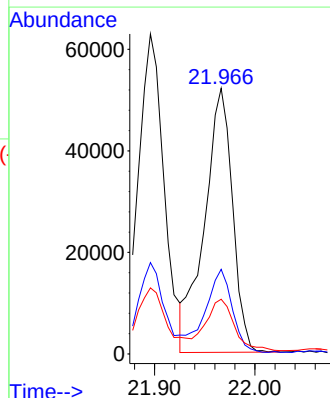
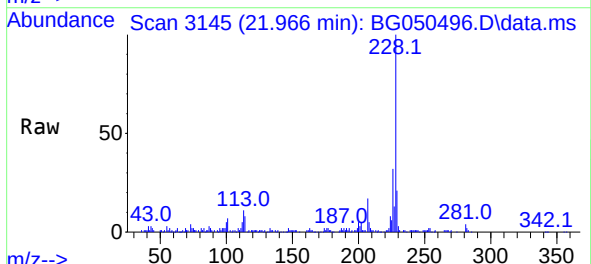
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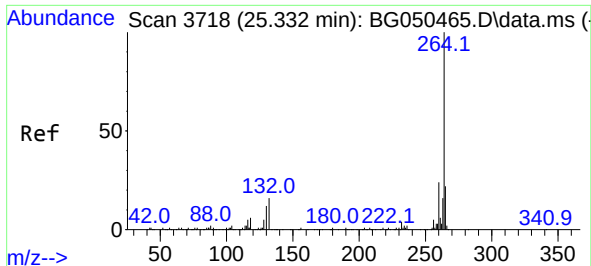
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10/11/2021 12:54:49 PM



#83
Chrysene
Concen: 5.62 ng
RT: 21.966 min Scan# 3145
Delta R.T. -0.005 min
Lab File: BG050496.D
Acq: 7 Oct 2021 23:55

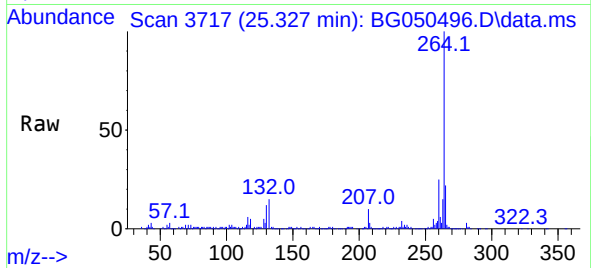
Tgt Ion:228 Resp: 101373
Ion Ratio Lower Upper
228 100
226 31.9 23.1 34.7
229 20.6 15.3 22.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.327 min Scan# 3717
Delta R.T. -0.005 min
Lab File: BG050496.D
Acq: 7 Oct 2021 23:55

Instrument :
BNA_G
ClientSampled :
SP-01

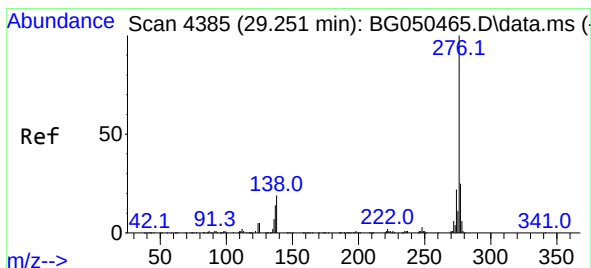
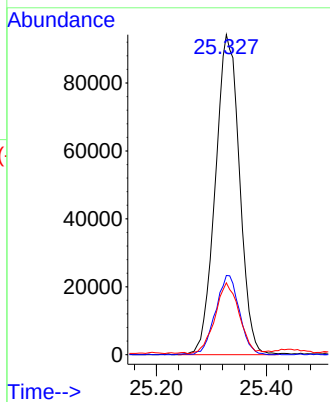
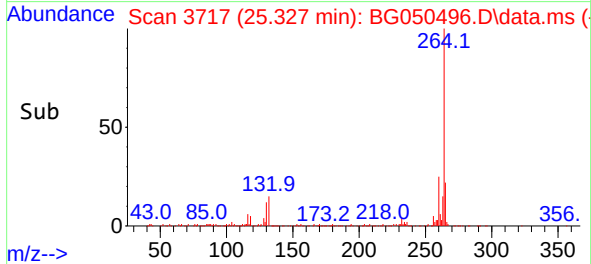


Tgt Ion:264 Resp: 287376

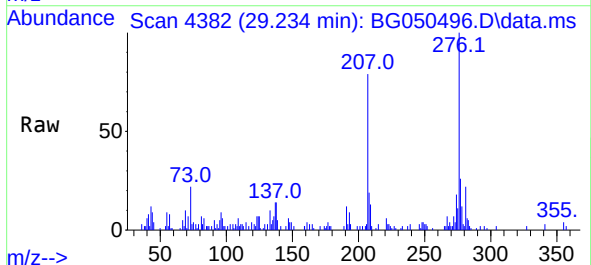
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	22.5	16.9	25.3

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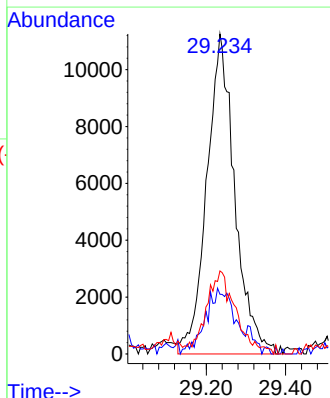
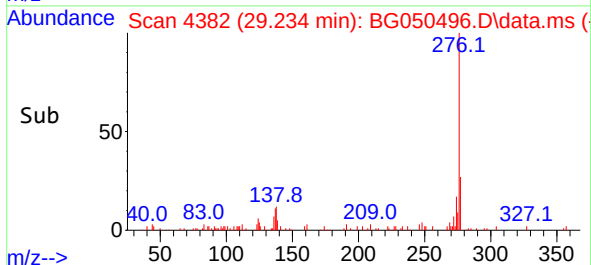


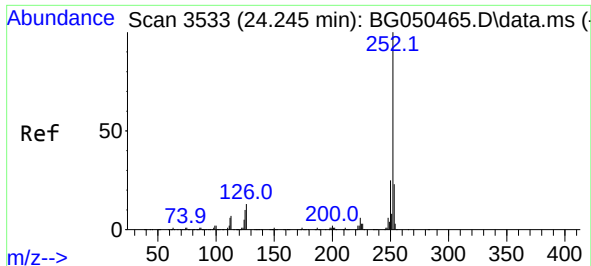
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.74 ng
RT: 29.234 min Scan# 4382
Delta R.T. -0.016 min
Lab File: BG050496.D
Acq: 7 Oct 2021 23:55



Tgt Ion:276 Resp: 54898

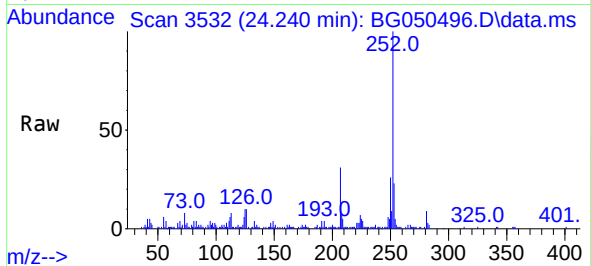
Ion	Ratio	Lower	Upper
276	100		
138	21.0	5.1	7.7#
277	27.3	19.8	29.6





#88
Benzo(b)fluoranthene
Concen: 6.45 ng
RT: 24.240 min Scan# 3532
Delta R.T. -0.005 min
Lab File: BG050496.D
Acq: 7 Oct 2021 23:55

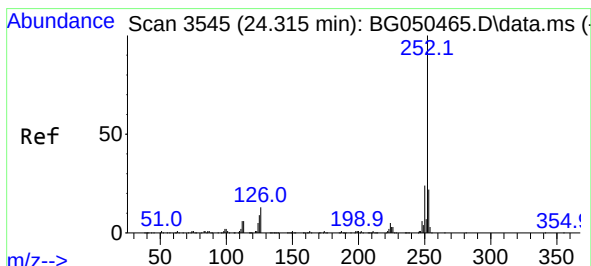
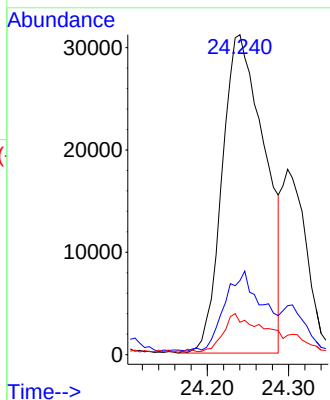
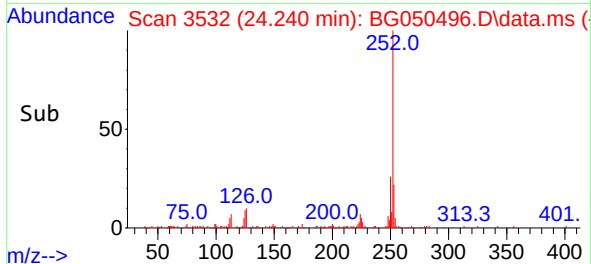
Instrument :
BNA_G
ClientSampled :
SP-01



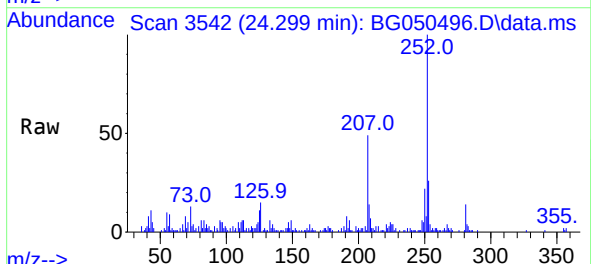
Tgt Ion:252 Resp: 113543
Ion Ratio Lower Upper
252 100
253 23.1 16.2 24.4
125 10.2 3.0 4.4#

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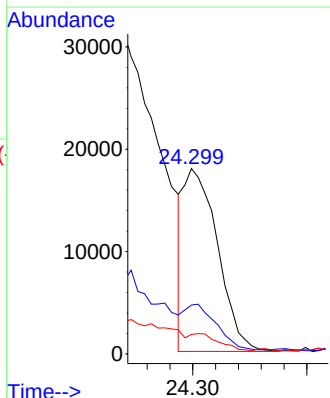
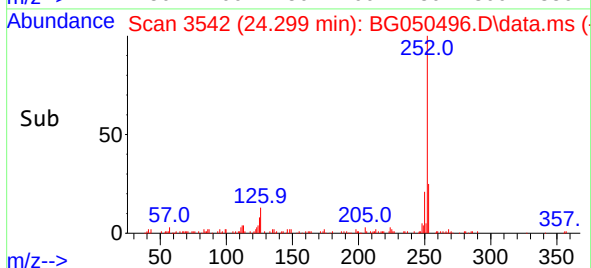
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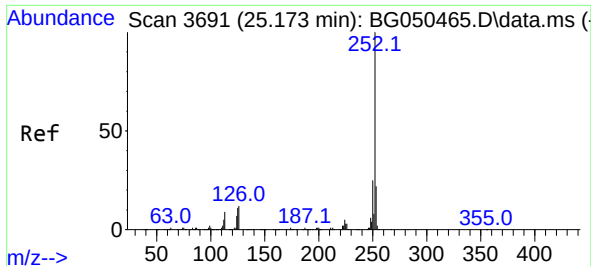


#89
Benzo(k)fluoranthene
Concen: 2.14 ng m
RT: 24.299 min Scan# 3542
Delta R.T. -0.016 min
Lab File: BG050496.D
Acq: 7 Oct 2021 23:55



Tgt Ion:252 Resp: 37055
Ion Ratio Lower Upper
252 100
253 26.4 18.0 27.0
125 10.5 3.1 4.7#





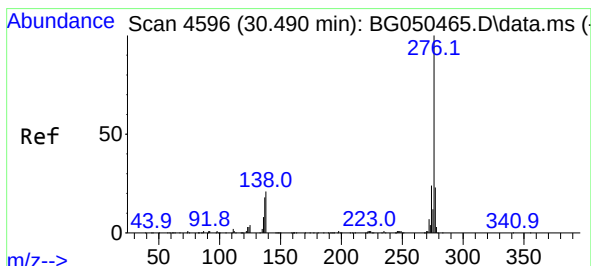
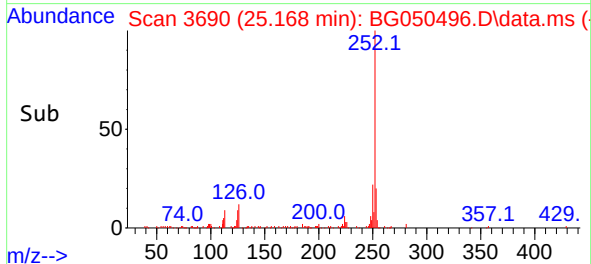
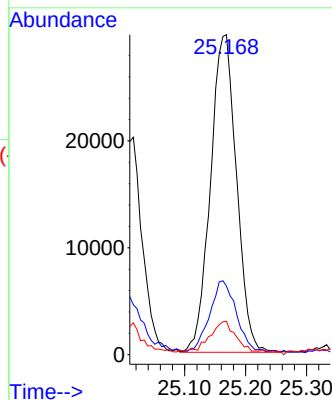
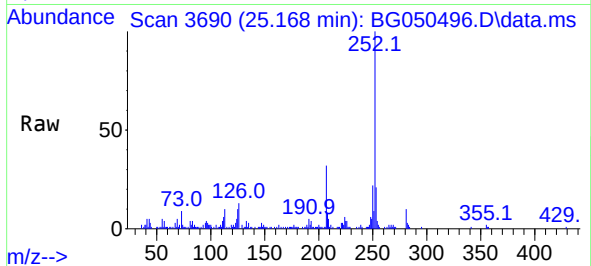
#90
Benzo(a)pyrene
Concen: 5.90 ng
RT: 25.168 min Scan# 3690
Delta R.T. -0.005 min
Lab File: BG050496.D
Acq: 7 Oct 2021 23:55

Tgt Ion:252 Resp: 88345
Ion Ratio Lower Upper
252 100
253 21.5 16.6 25.0
125 10.5 3.5 5.3#

Instrument :
BNA_G
ClientSampled :
SP-01

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#92
Benzo(g,h,i)perylene
Concen: 3.19 ng
RT: 30.474 min Scan# 4593
Delta R.T. -0.016 min
Lab File: BG050496.D
Acq: 7 Oct 2021 23:55

Tgt Ion:276 Resp: 51733
Ion Ratio Lower Upper
276 100
277 25.4 18.4 27.6
138 22.6 7.0 10.6#

