

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082121\
 Data File : BG049928.D
 Acq On : 21 Aug 2021 3:40
 Operator : CG/JU
 Sample : M3419-23
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SWCS-09-0205

Manual Integrations
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Quant Time: Aug 21 05:23:46 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 21 05:13:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.991	152	35426	20.000	ng	0.01
21) Naphthalene-d8	10.817	136	150141	20.000	ng	0.02
39) Acenaphthene-d10	14.653	164	90337	20.000	ng	0.01
64) Phenanthrene-d10	17.408	188	160205	20.000	ng	# 0.02
76) Chrysene-d12	21.684	240	112623	20.000	ng	0.03
86) Perylene-d12	24.951	264	56421	20.000	ng	# 0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.547	112	167562	84.789	ng	0.02
7) Phenol-d6	7.169	99	246918	82.540	ng	0.03
23) Nitrobenzene-d5	9.166	82	176117	51.907	ng	0.01
42) 2,4,6-Tribromophenol	16.151	330	106685	80.345	ng	0.02
45) 2-Fluorobiphenyl	13.266	172	358280	57.709	ng	0.01
79) Terphenyl-d14	20.016	244	369660	59.613	ng	0.02
Target Compounds						Qvalue
71) Phenanthrene	17.449	178	48798	5.790	ng	98
75) Fluoranthene	19.464	202	100132	9.654	ng	99
78) Pyrene	19.828	202	87060	11.339	ng	97
81) Benzo(a)anthracene	21.667	228	37634m	5.131	ng	
83) Chrysene	21.731	228	37332	5.325	ng	# 93
84) Bis(2-ethylhexyl)phtha...	21.555	149	49706	12.009	ng	94
87) Indeno(1,2,3-cd)pyrene	28.675	276	10580	2.600	ng	# 67
88) Benzo(b)fluoranthene	23.922	252	33572	9.073	ng	# 69
89) Benzo(k)fluoranthene	23.975	252	18424m	5.338	ng	
90) Benzo(a)pyrene	24.786	252	16643	4.970	ng	# 66
92) Benzo(g,h,i)perylene	29.838	276	11904m	3.544	ng	

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

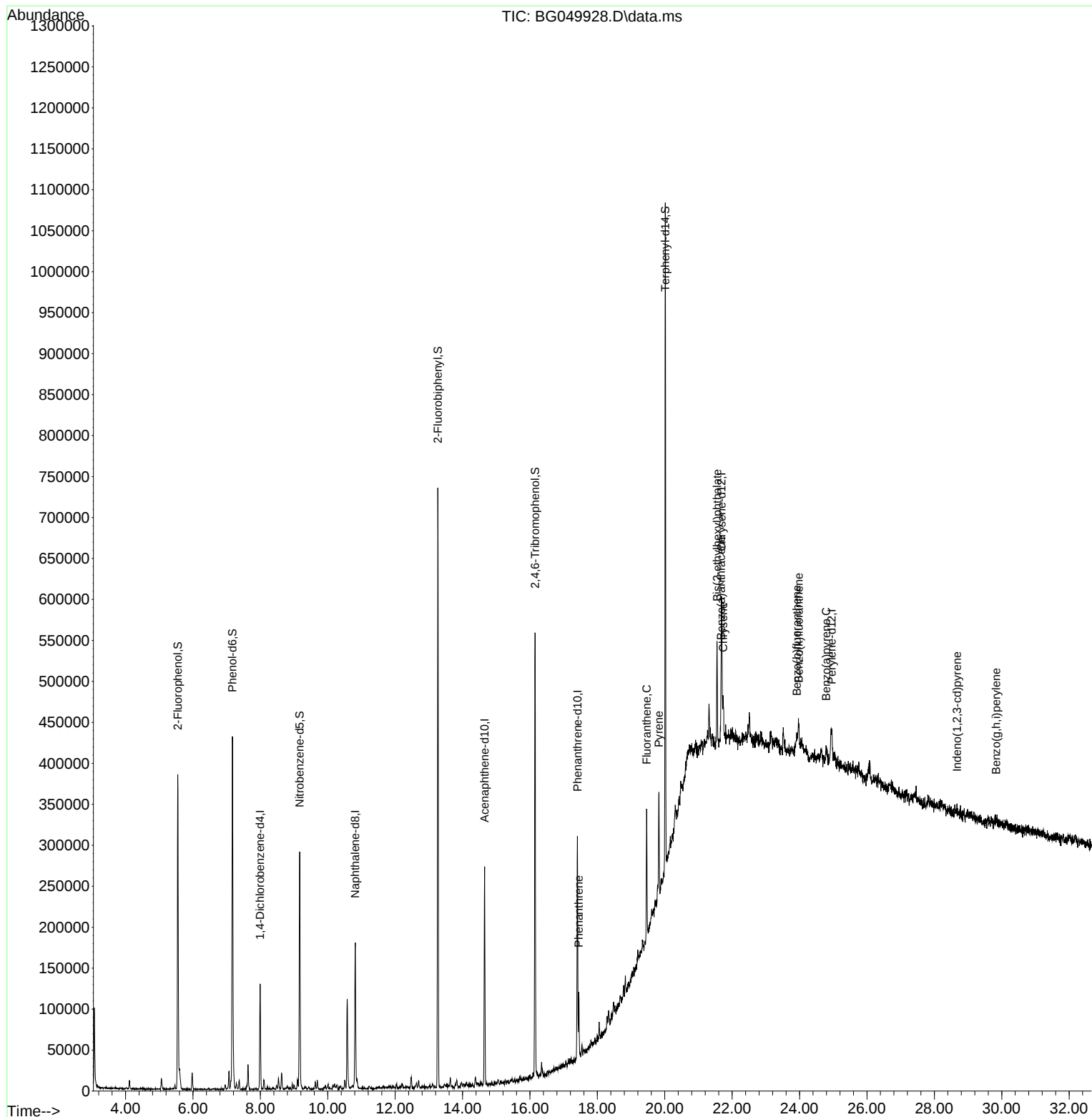
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082121\
Data File : BG049928.D
Acq On : 21 Aug 2021 3:40
Operator : CG/JU
Sample : M3419-23
Misc :
ALS Vial : 16 Sample Multiplier: 1

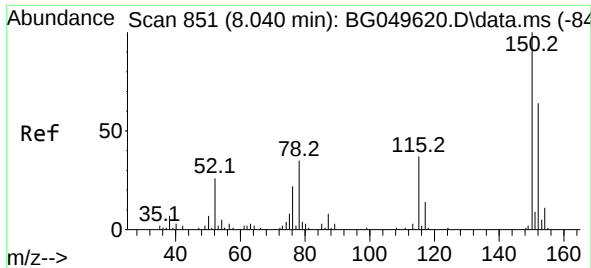
Instrument :
BNA_G
ClientSampled :
SWCS-09-0205

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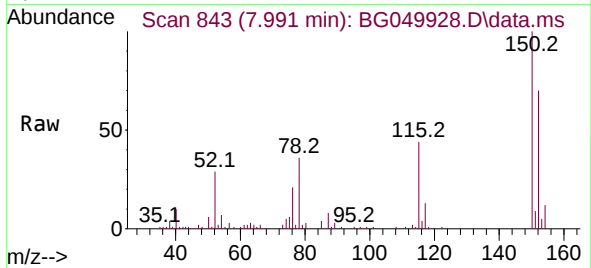
Quant Time: Aug 21 05:23:46 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 21 05:13:22 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.991 min Scan# 843
Delta R.T. 0.014 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

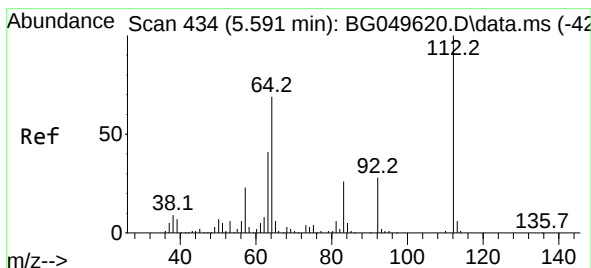
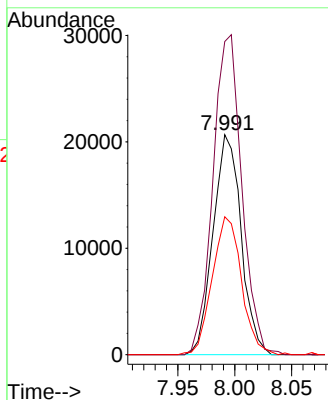
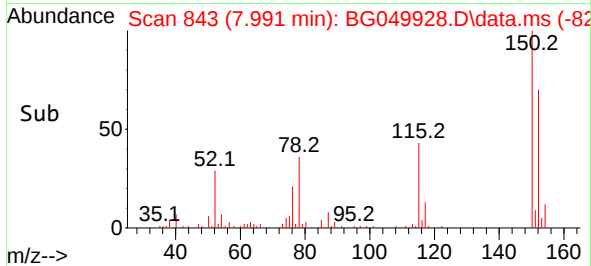
Instrument :
BNA_G
ClientSampled :
SWCS-09-0205



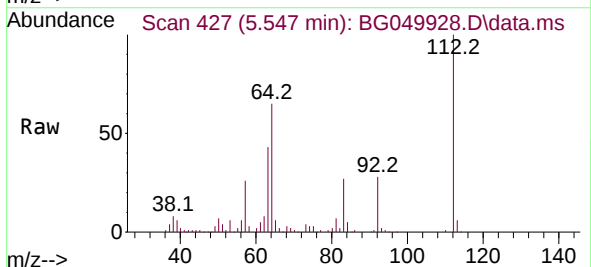
Tgt Ion:152 Resp: 35426
Ion Ratio Lower Upper
152 100
150 142.4 119.4 179.0
115 62.7 60.2 90.4

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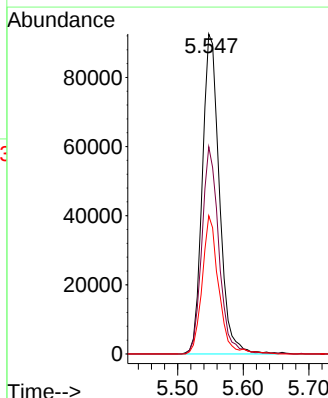
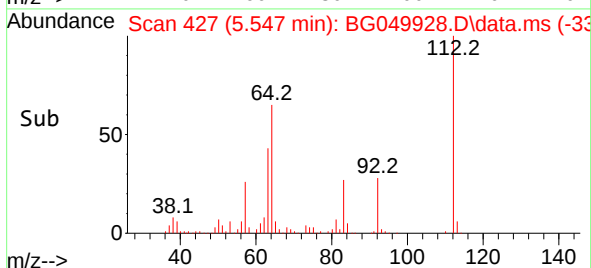
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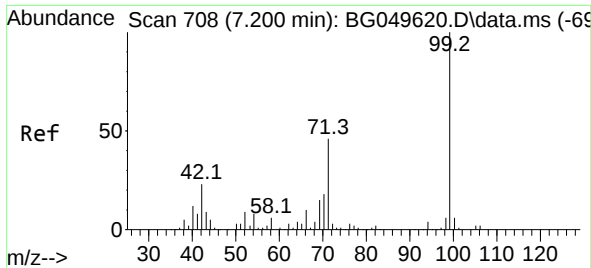


#5
2-Fluorophenol
Concen: 84.789 ng
RT: 5.547 min Scan# 427
Delta R.T. 0.020 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40



Tgt Ion:112 Resp: 167562
Ion Ratio Lower Upper
112 100
64 64.8 46.7 70.1
63 43.2 35.3 52.9





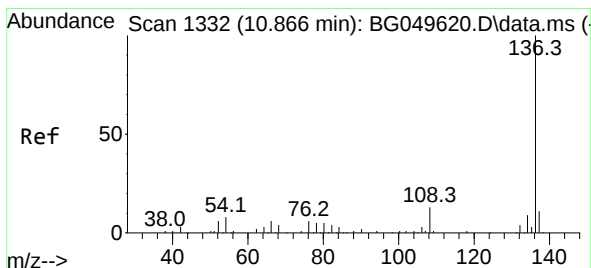
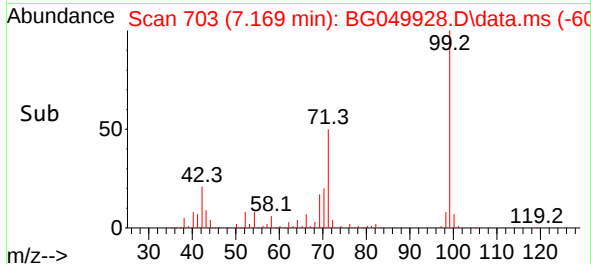
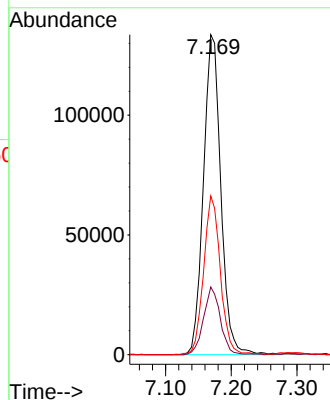
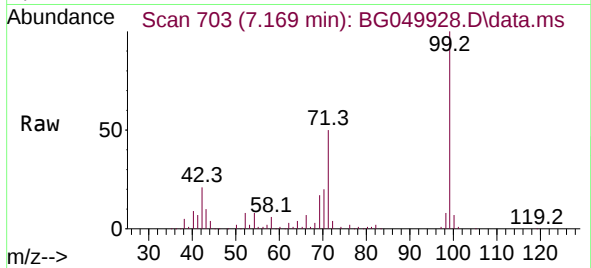
#7
Phenol-d6
Concen: 82.540 ng
RT: 7.169 min Scan# 703
Delta R.T. 0.026 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

Tgt Ion:	99	Resp:	246918
Ion Ratio	Lower	Upper	
99	100		
42	21.2	20.5	30.7
71	49.6	41.5	62.3

Instrument :
BNA_G
ClientSampleId :
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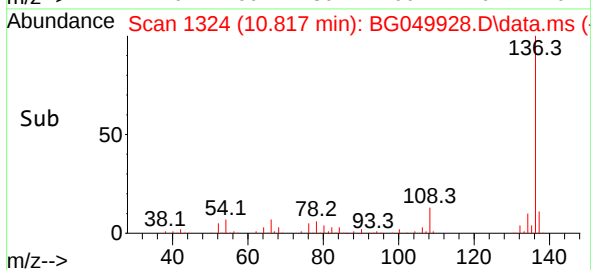
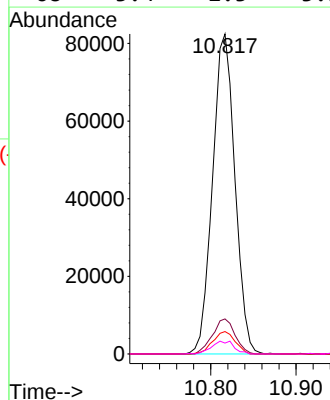
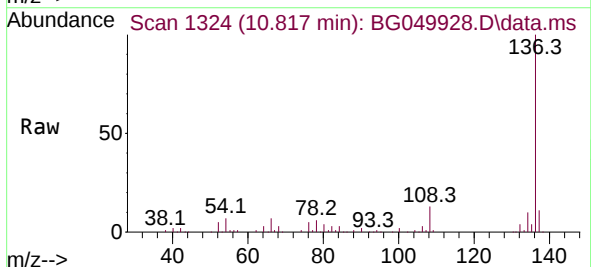
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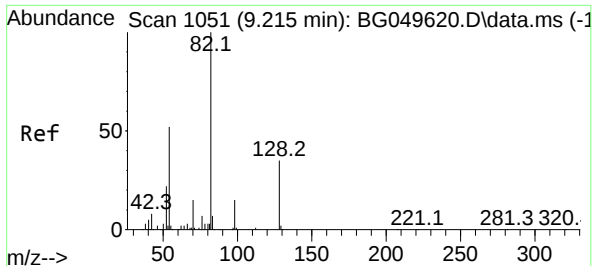
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.817 min Scan# 1324
Delta R.T. 0.020 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

Tgt Ion:	136	Resp:	150141
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.2	12.2
54	7.0	5.5	8.3
68	3.4	2.3	3.5





#23

Nitrobenzene-d5

Concen: 51.907 ng

RT: 9.166 min Scan# 1043

Delta R.T. 0.014 min

Lab File: BG049928.D

Acq: 21 Aug 2021 3:40

Tgt Ion:	82	Resp:	176117
Ion Ratio	Lower	Upper	
82	100		
128	35.7	29.8	44.6
54	50.3	45.8	68.8

Instrument :

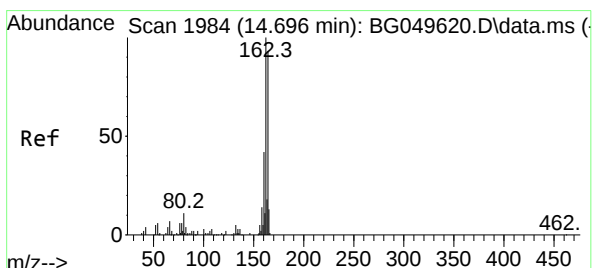
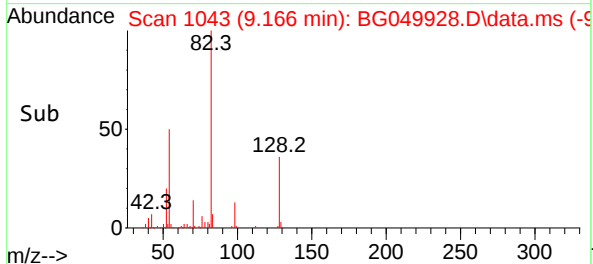
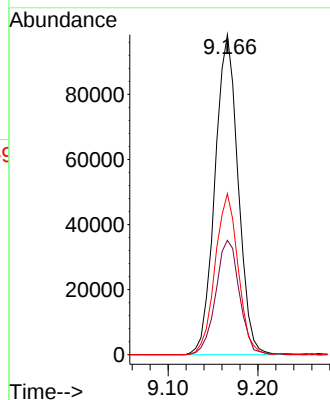
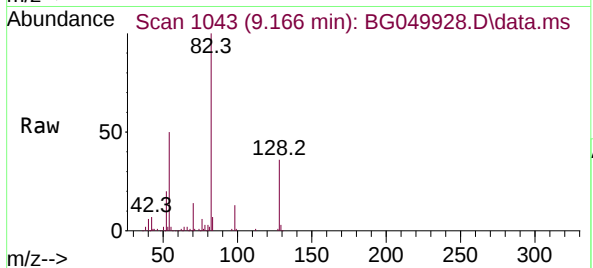
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ClientSampleId :

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#39

Acenaphthene-d10

Concen: 20.000 ng

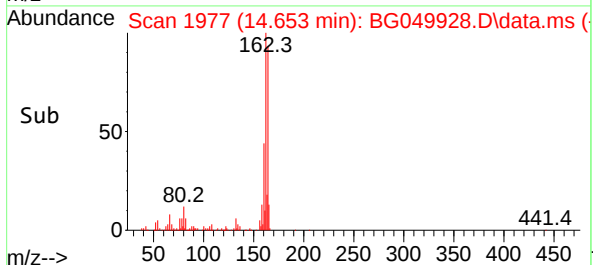
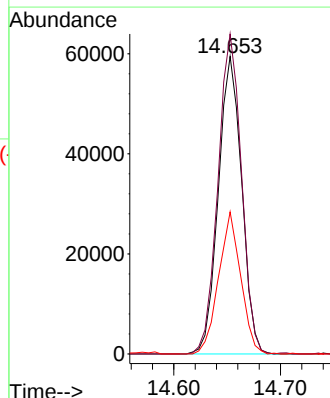
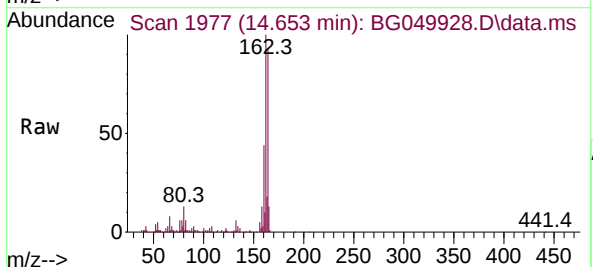
RT: 14.653 min Scan# 1977

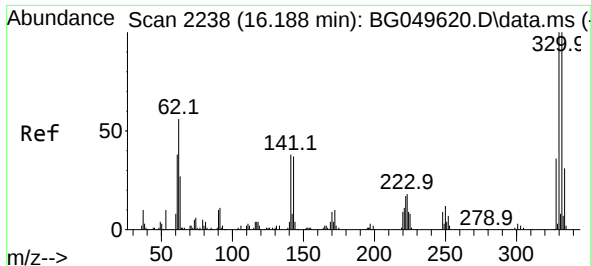
Delta R.T. 0.014 min

Lab File: BG049928.D

Acq: 21 Aug 2021 3:40

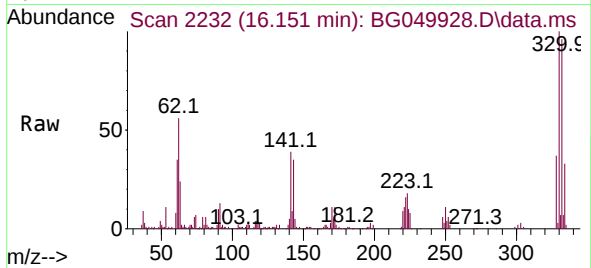
Tgt Ion:	164	Resp:	90337
Ion Ratio	Lower	Upper	
164	100		
162	107.5	81.4	122.0
160	47.8	34.9	52.3





#42
2,4,6-Tribromophenol
Concen: 80.345 ng
RT: 16.151 min Scan# 2232
Delta R.T. 0.020 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

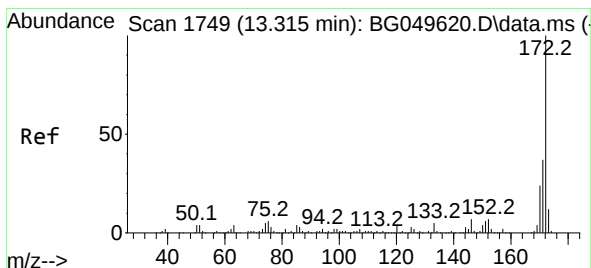
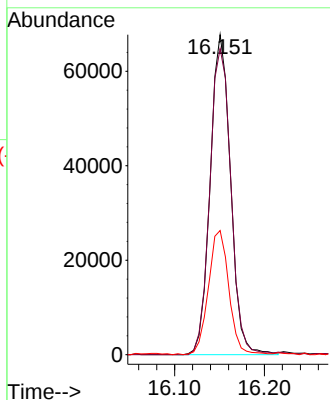
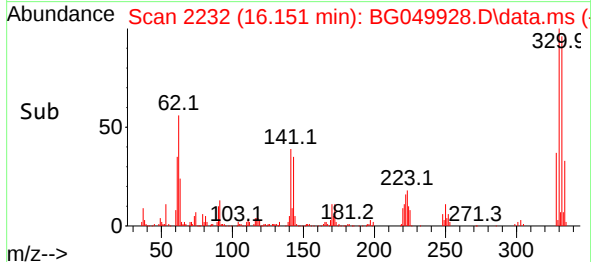
Instrument :
BNA_G
ClientSampleId :
SWCS-09-0205



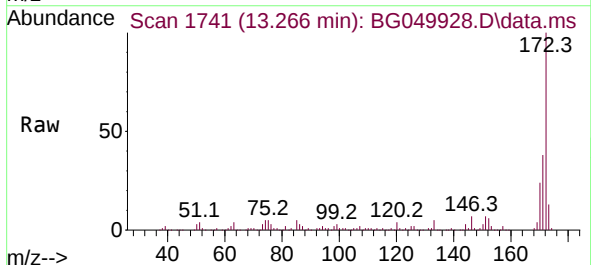
Tgt Ion:330 Resp: 106685
Ion Ratio Lower Upper
330 100
332 99.1 77.3 115.9
141 39.2 35.6 53.4

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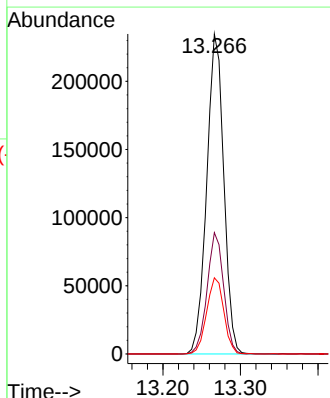
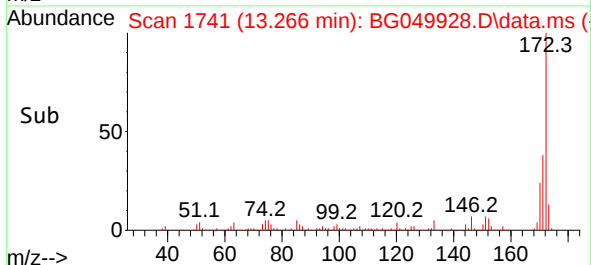
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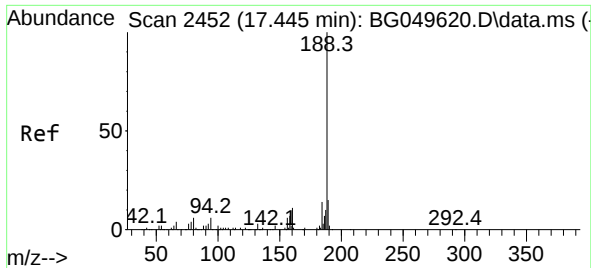


#45
2-Fluorobiphenyl
Concen: 57.709 ng
RT: 13.266 min Scan# 1741
Delta R.T. 0.014 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40



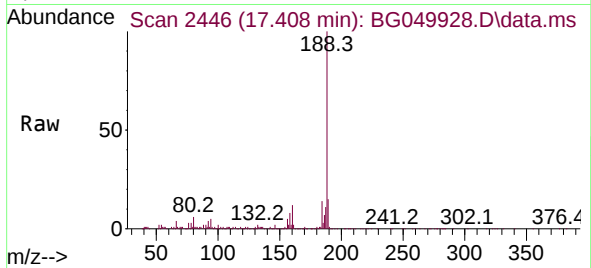
Tgt Ion:172 Resp: 358280
Ion Ratio Lower Upper
172 100
171 37.9 28.6 43.0
170 23.8 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.408 min Scan# 2446
Delta R.T. 0.020 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

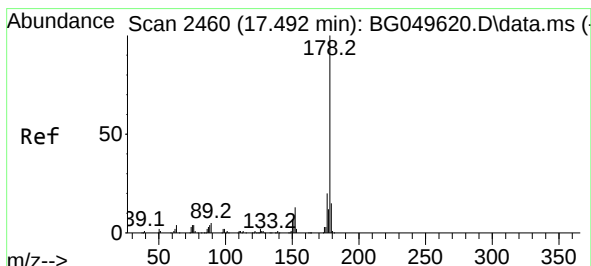
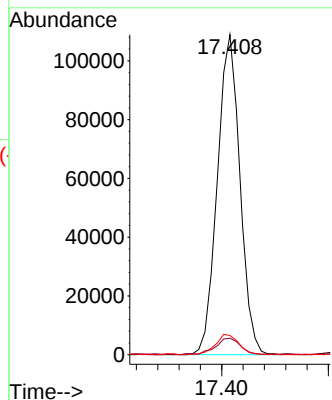
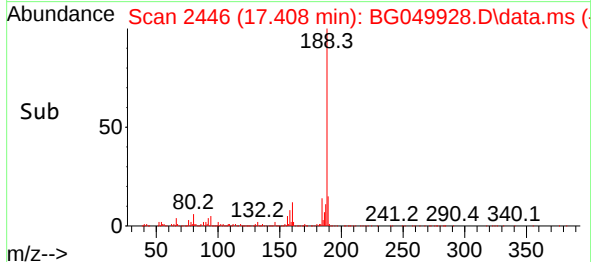
Instrument :
BNA_G
ClientSampleId :
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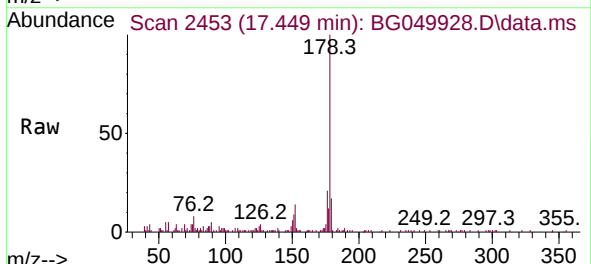
Tgt Ion:188 Resp: 160205
Ion Ratio Lower Upper
188 100
94 5.1 5.4 8.0#
80 6.0 3.7 5.5#

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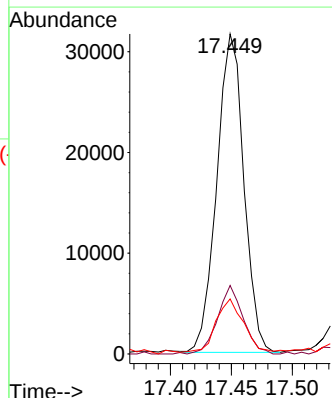
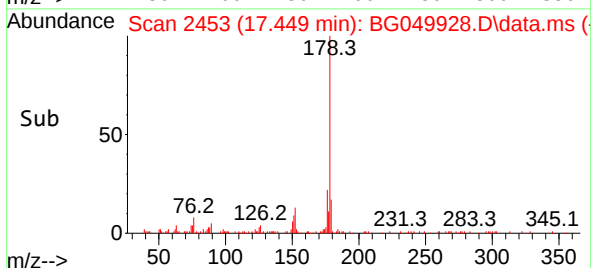
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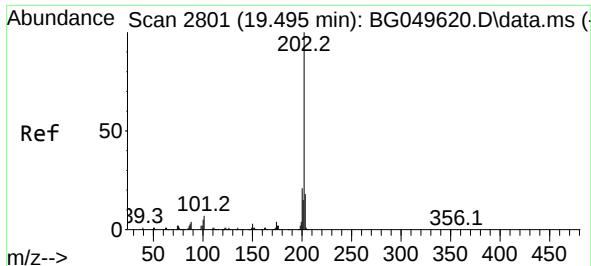


#71
Phenanthrene
Concen: 5.790 ng
RT: 17.449 min Scan# 2453
Delta R.T. 0.020 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40



Tgt Ion:178 Resp: 48798
Ion Ratio Lower Upper
178 100
176 21.4 16.0 24.0
179 17.2 14.2 21.4





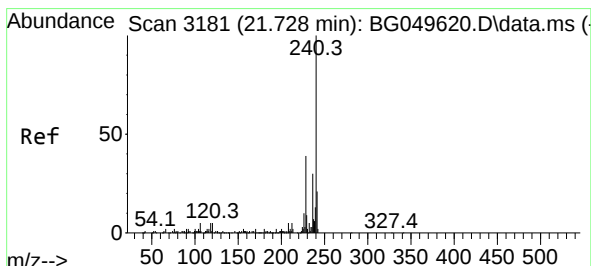
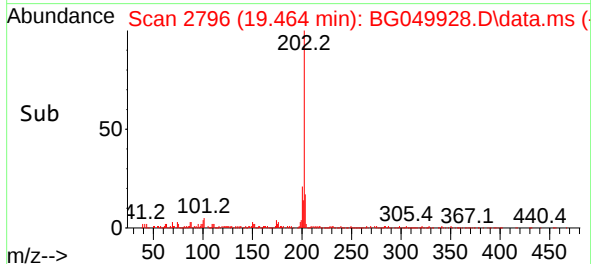
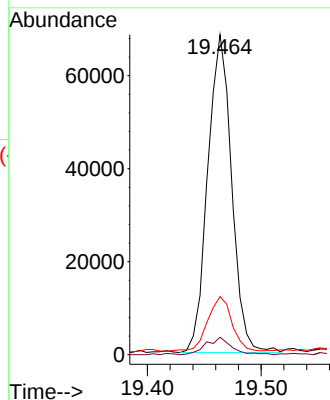
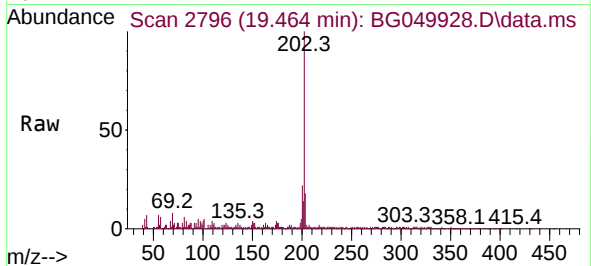
#75
Fluoranthene
Concen: 9.654 ng
RT: 19.464 min Scan# 2796
Delta R.T. 0.020 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

Tgt Ion:	202	Resp:	100132
Ion Ratio	Lower	Upper	
202	100		
101	5.5	0.0	24.7
203	18.2	0.0	38.5

Instrument :
BNA_G
ClientSampleId :
SWCS-09-0205

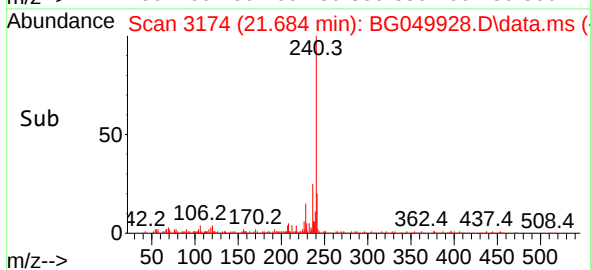
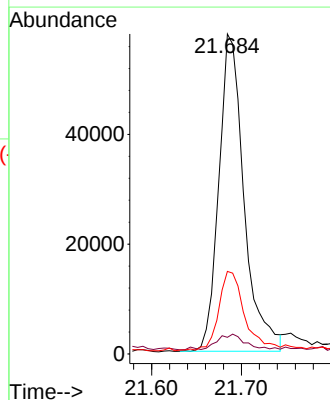
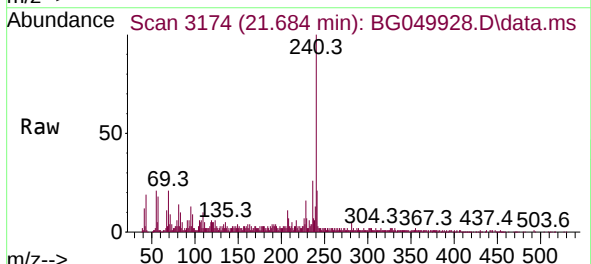
Manual Integrations
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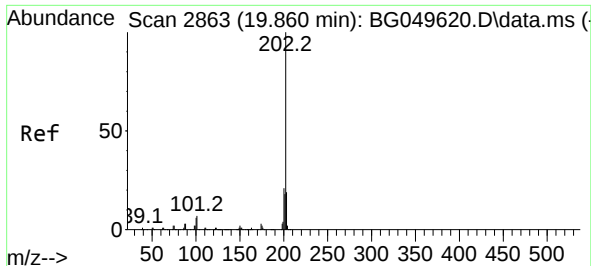
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.684 min Scan# 3174
Delta R.T. 0.026 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

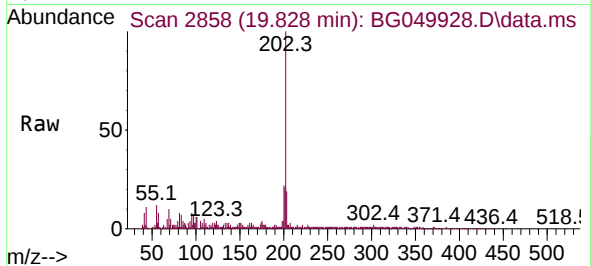
Tgt Ion:	240	Resp:	112623
Ion Ratio	Lower	Upper	
240	100		
120	5.2	4.2	6.2
236	25.8	21.8	32.6





#78
Pyrene
Concen: 11.339 ng
RT: 19.828 min Scan# 2858
Delta R.T. 0.026 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

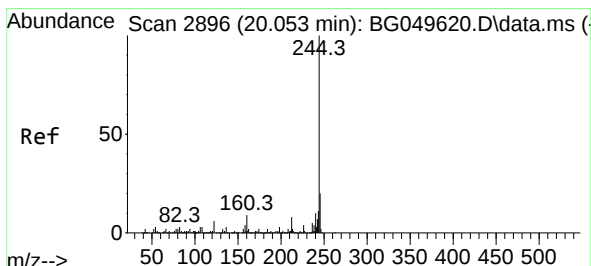
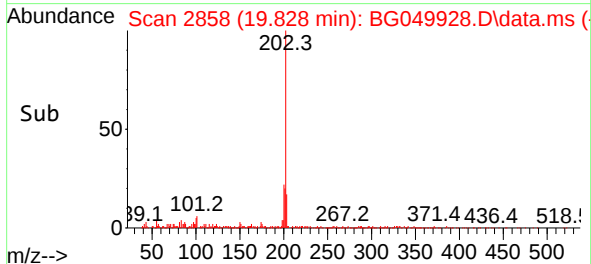
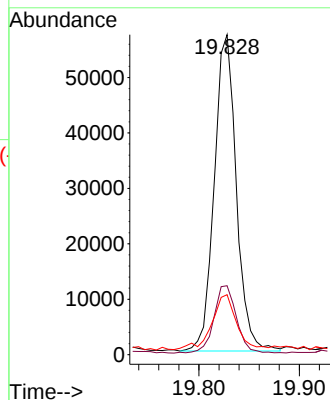
Instrument :
BNA_G
ClientSampleId :
SWCS-09-0205



Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	15.8	23.8
203	18.7	14.6	21.8

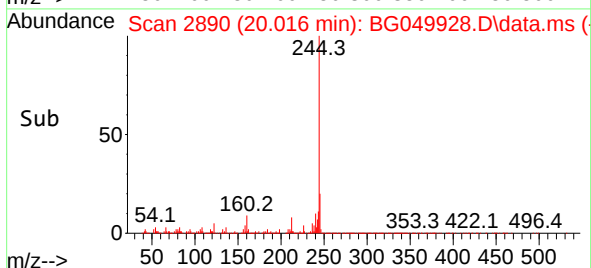
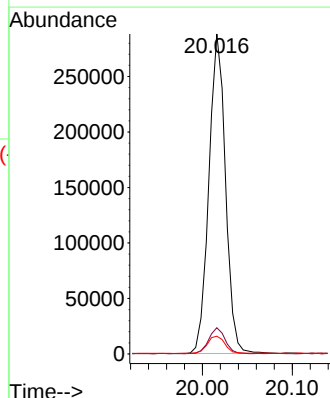
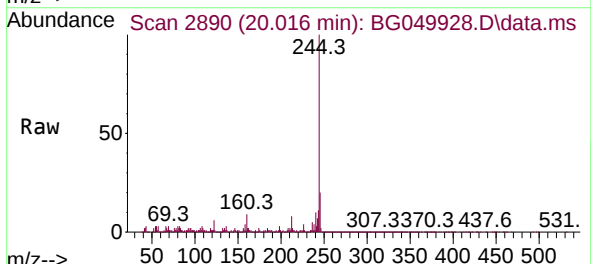
Manual Integrations
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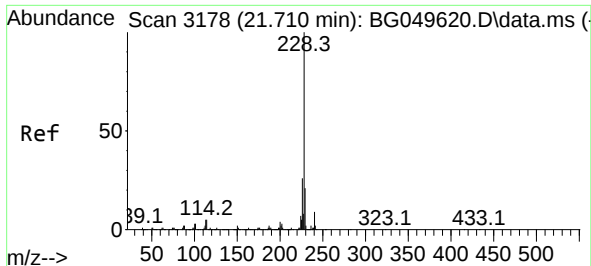
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#79
Terphenyl-d14
Concen: 59.613 ng
RT: 20.016 min Scan# 2890
Delta R.T. 0.020 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	5.5	5.0	7.6





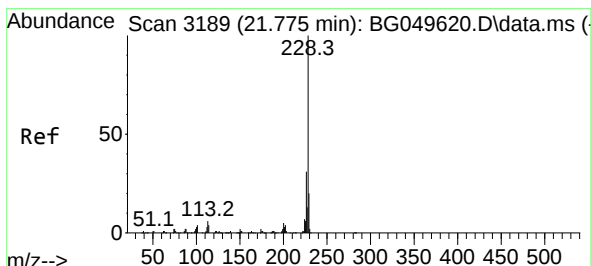
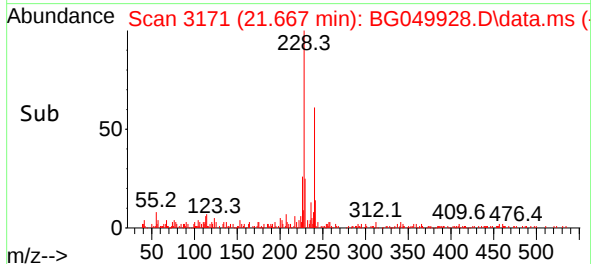
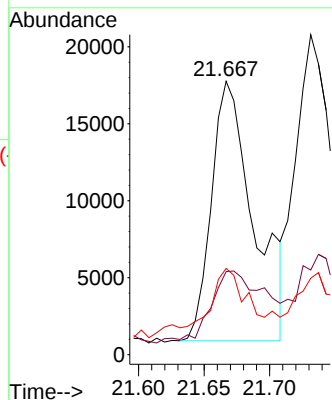
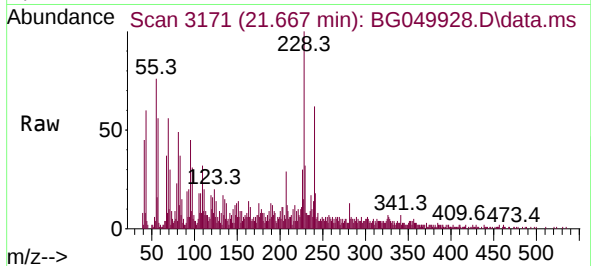
#81
Benzo(a)anthracene
Concen: 5.131 ng m
RT: 21.667 min Scan# 3171
Delta R.T. 0.026 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.7	34.1
229	31.5	16.0	24.0#

Instrument :
BNA_G
ClientSampleId :
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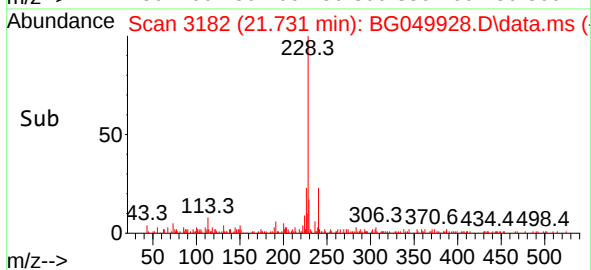
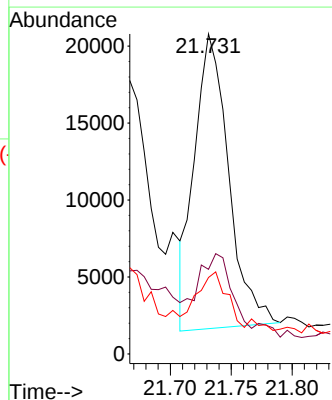
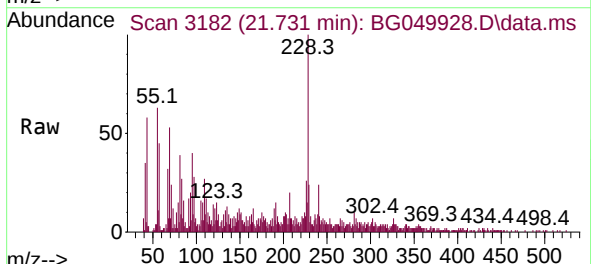
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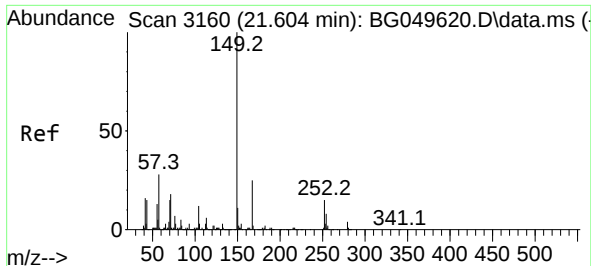
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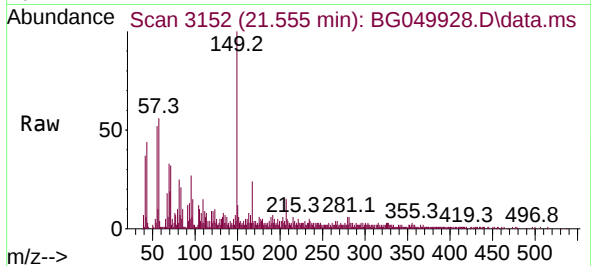
#83
Chrysene
Concen: 5.325 ng
RT: 21.731 min Scan# 3182
Delta R.T. 0.026 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.5	23.1	34.7
229	23.9	15.3	22.9#

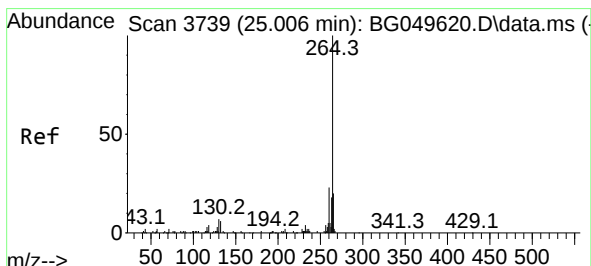
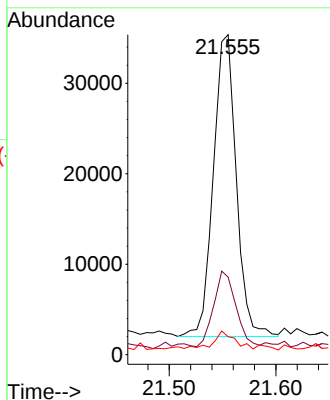
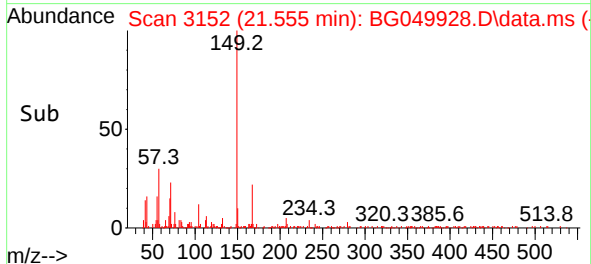




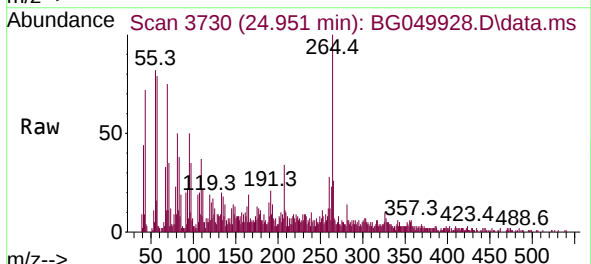
#84
Bis(2-ethylhexyl)phthalate
Concen: 12.009 ng
RT: 21.555 min Scan# 3152
Delta R.T. 0.026 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40



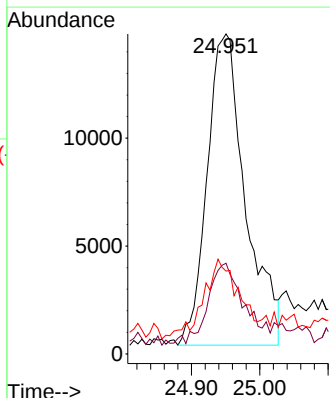
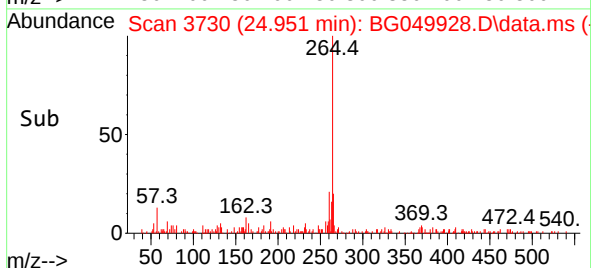
Tgt Ion:	149	Resp:	49706
Ion Ratio	Lower	Upper	
149	100		
167	24.3	22.3	33.5
279	5.6	3.8	5.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.951 min Scan# 3730
Delta R.T. 0.067 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40



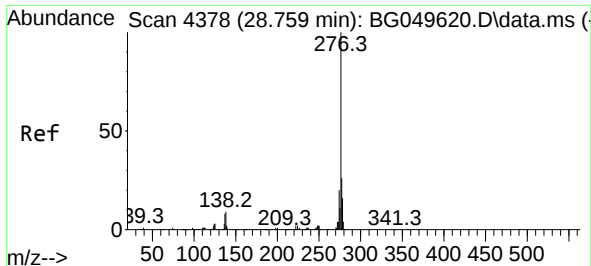
Tgt Ion:	264	Resp:	56421
Ion Ratio	Lower	Upper	
264	100		
260	28.3	19.4	29.2
265	25.9	16.9	25.3



Instrument :
BNA_G
ClientSampleId :
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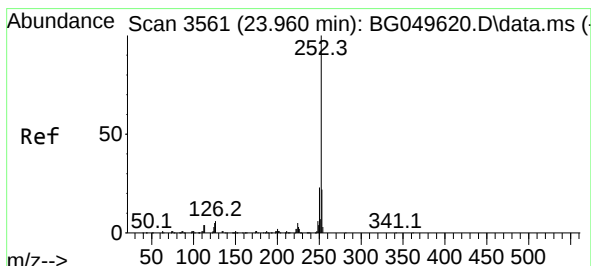
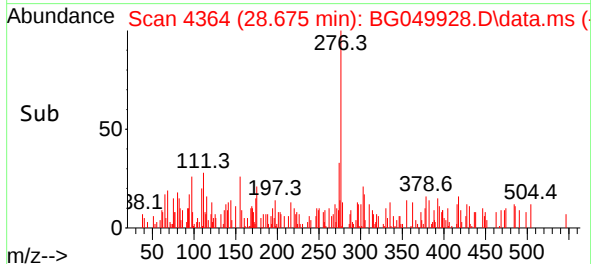
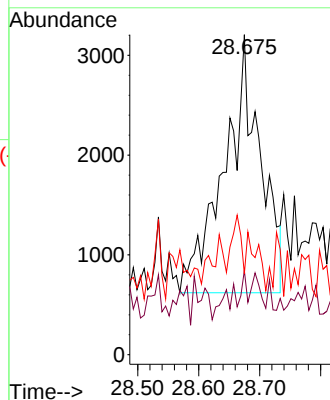
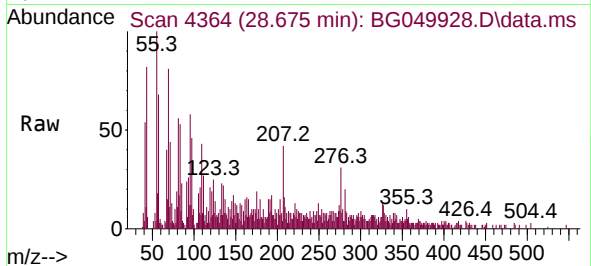
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.600 ng
 RT: 28.675 min Scan# 4364
 Delta R.T. 0.096 min
 Lab File: BG049928.D
 Acq: 21 Aug 2021 3:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	2.6	5.1	7.7#
277	5.5	19.8	29.6#

Instrument :
 BNA_G
 ClientSampleId :
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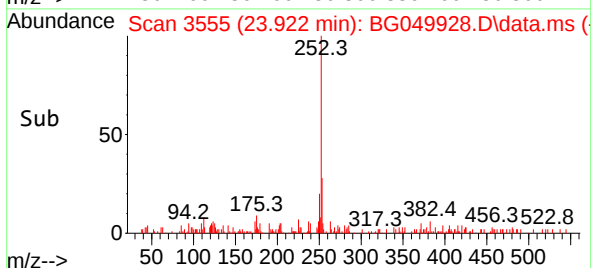
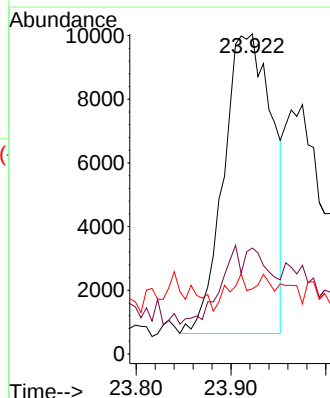
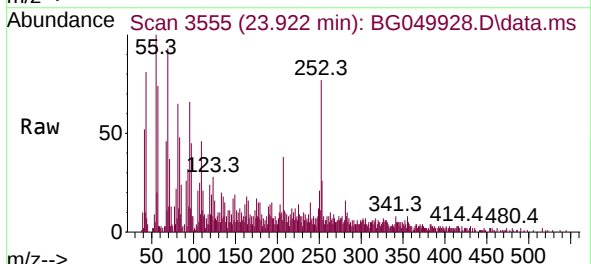
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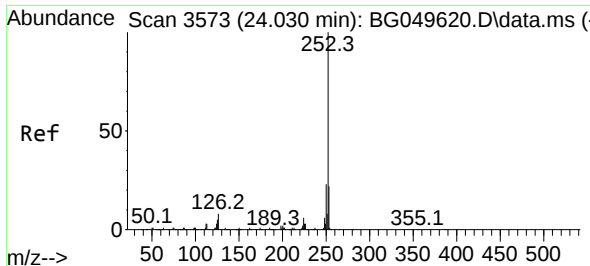
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#88
 Benzo(b)fluoranthene
 Concen: 9.073 ng
 RT: 23.922 min Scan# 3555
 Delta R.T. 0.061 min
 Lab File: BG049928.D
 Acq: 21 Aug 2021 3:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.1	16.2	24.4#
125	20.3	3.0	4.4#





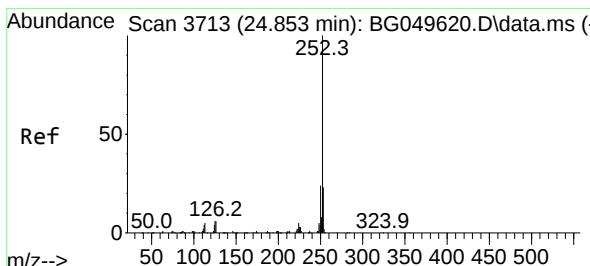
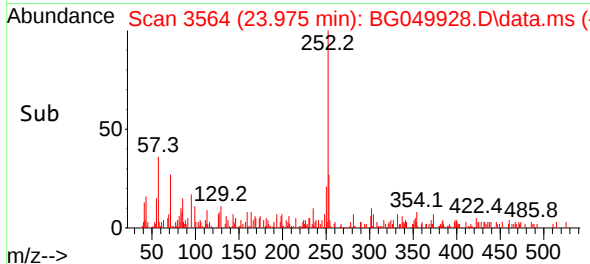
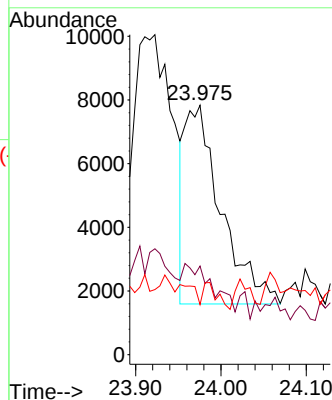
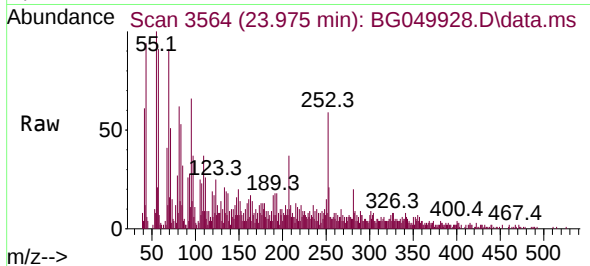
#89
Benzo(k)fluoranthene
Concen: 5.338 ng m
RT: 23.975 min Scan# 3564
Delta R.T. 0.049 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.6	18.0	27.0#
125	20.1	3.1	4.7#

Instrument :
BNA_G
ClientSampleId :
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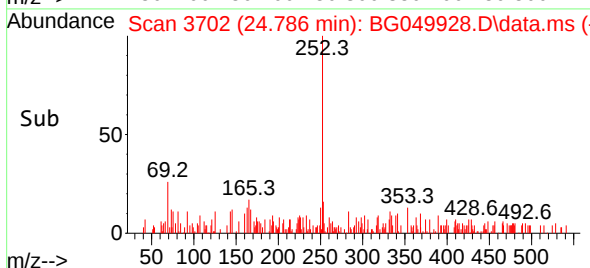
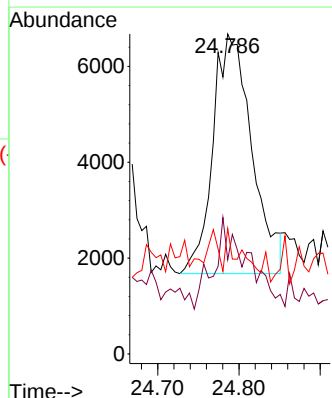
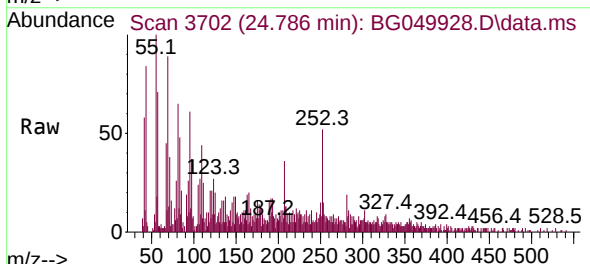
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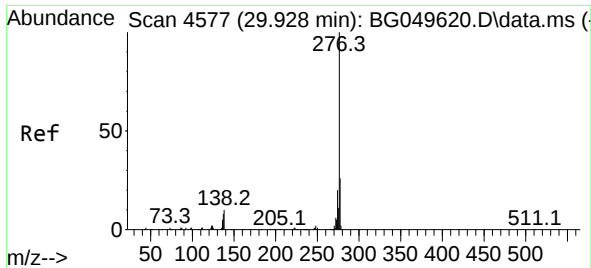
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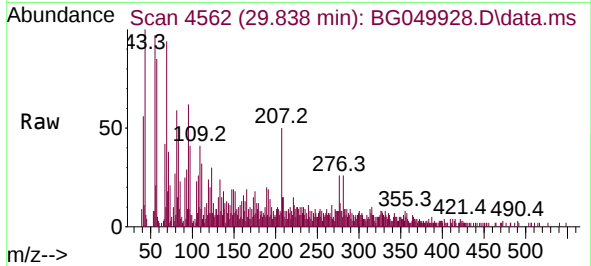
#90
Benzo(a)pyrene
Concen: 4.970 ng
RT: 24.786 min Scan# 3702
Delta R.T. 0.049 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.4	16.6	25.0#
125	39.2	3.5	5.3#

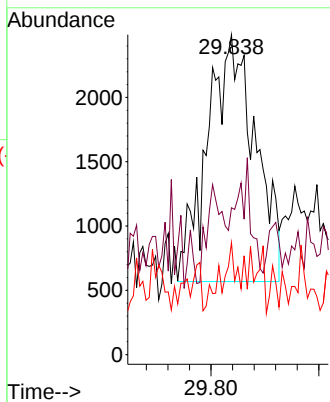
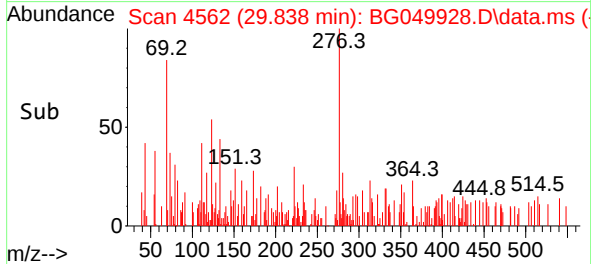




#92
 Benzo(g,h,i)perylene
 Concen: 3.544 ng m
 RT: 29.838 min Scan# 4562
 Delta R.T. 0.102 min
 Lab File: BG049928.D
 Acq: 21 Aug 2021 3:40



Tgt Ion	Ratio	Lower	Upper
276	100		
277	45.9	18.4	27.6#
138	35.0	7.0	10.6#



Instrument :
 BNA_G
 ClientSampleId :
 SWCS-09-0205

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