

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082121\
 Data File : BG049927.D
 Acq On : 21 Aug 2021 2:59
 Operator : CG/JU
 Sample : M3419-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SWCS-09-0002

Manual Integrations
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Quant Time: Aug 21 05:23:24 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	7.987	152	35714	20.000	ng	# 0.01
21) Naphthalene-d8	10.813	136	145496	20.000	ng	# 0.02
39) Acenaphthene-d10	14.655	164	88087	20.000	ng	0.02
64) Phenanthrene-d10	17.410	188	149507	20.000	ng	# 0.02
76) Chrysene-d12	21.692	240	119289	20.000	ng	0.03
86) Perylene-d12	24.953	264	58510	20.000	ng	# 0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.550	112	215404	108.119	ng	0.02
7) Phenol-d6	7.171	99	303087	100.499	ng	0.03
23) Nitrobenzene-d5	9.168	82	215979	65.688	ng	0.02
42) 2,4,6-Tribromophenol	16.153	330	130493	100.785	ng	0.02
45) 2-Fluorobiphenyl	13.268	172	443542	73.267	ng	0.02
79) Terphenyl-d14	20.018	244	463985	70.643	ng	0.02
Target Compounds						Qvalue
71) Phenanthrene	17.445	178	29299	3.725	ng	98
75) Fluoranthene	19.466	202	84106	8.689	ng	98
78) Pyrene	19.824	202	86565	10.644	ng	95
81) Benzo(a)anthracene	21.669	228	39214	5.048	ng	# 87
83) Chrysene	21.733	228	40312	5.428	ng	# 82
84) Bis(2-ethylhexyl)phtha...	21.551	149	19511	4.450	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.671	276	16738m	3.967	ng	
88) Benzo(b)fluoranthene	23.913	252	39626	10.326	ng	# 70
89) Benzo(k)fluoranthene	23.972	252	17351m	4.847	ng	
90) Benzo(a)pyrene	24.800	252	21708	6.251	ng	# 42
92) Benzo(g,h,i)perylene	29.864	276	17233m	4.947	ng	

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

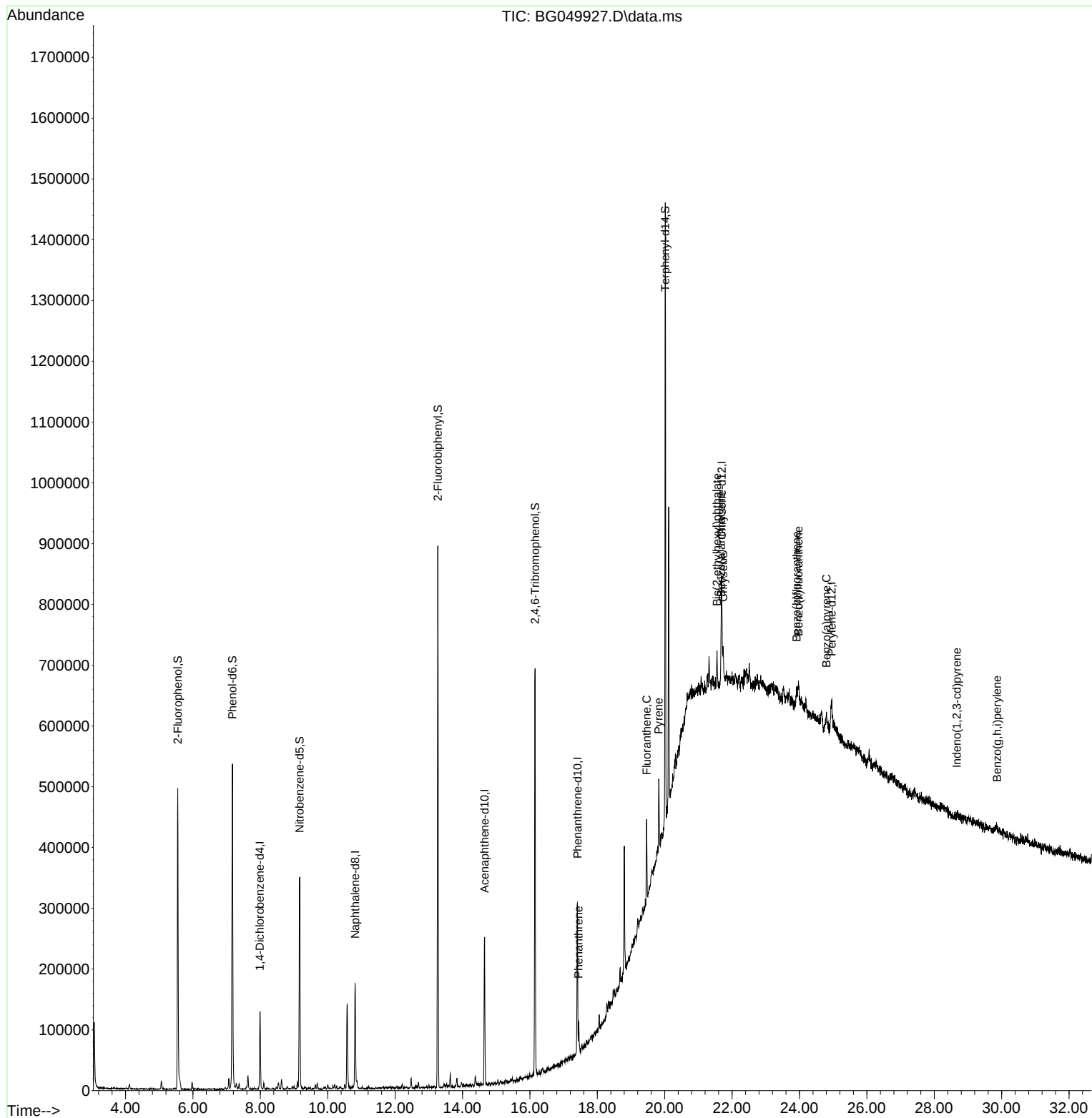
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082121\
Data File : BG049927.D
Acq On : 21 Aug 2021 2:59
Operator : CG/JU
Sample : M3419-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

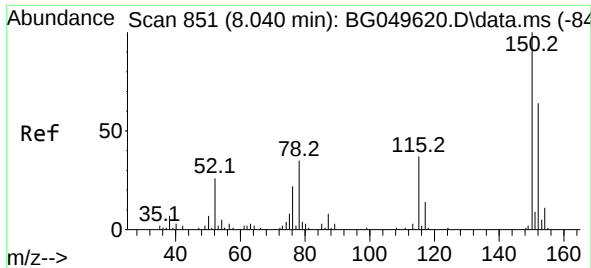
Instrument :
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ClientSampleId :
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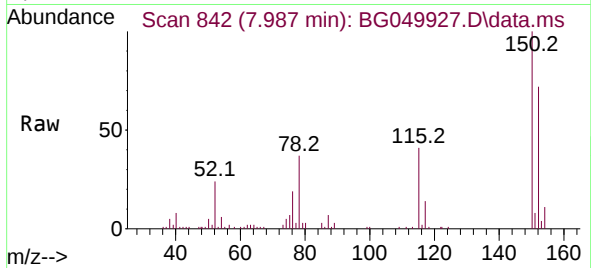
Quant Time: Aug 21 05:23:24 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 21 05:13:22 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 842
Delta R.T. 0.010 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

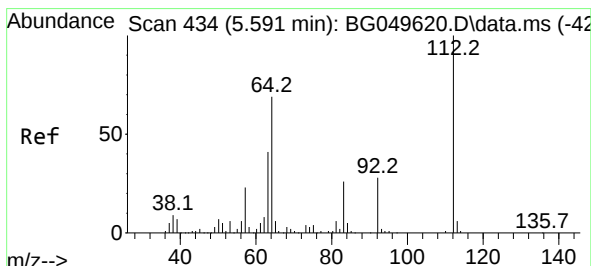
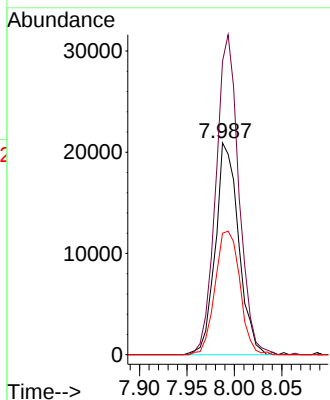
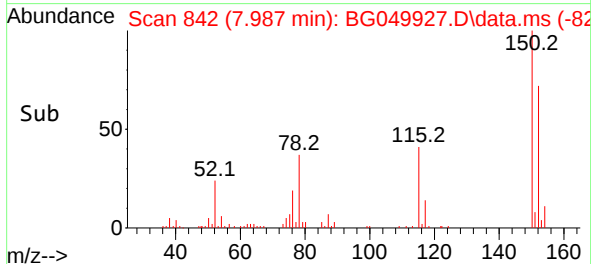
Instrument :
BNA_G
ClientSampleId :
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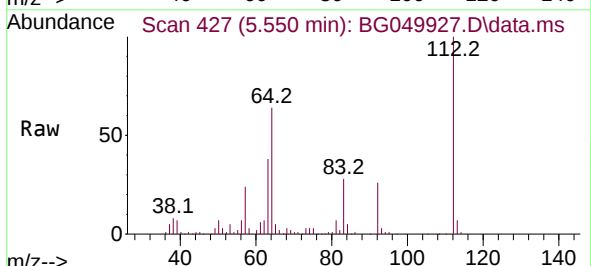
Tgt Ion:152 Resp: 35714
Ion Ratio Lower Upper
152 100
150 138.5 119.4 179.0
115 57.3 60.2 90.4#

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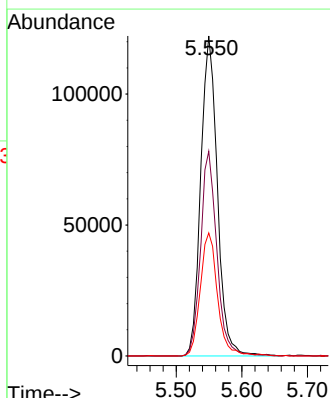
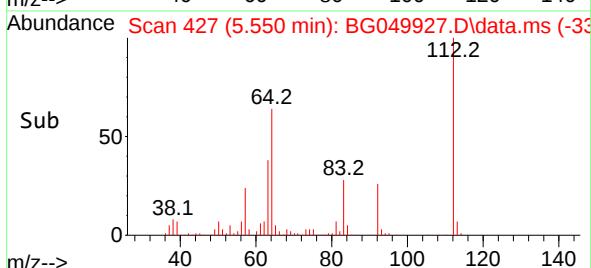
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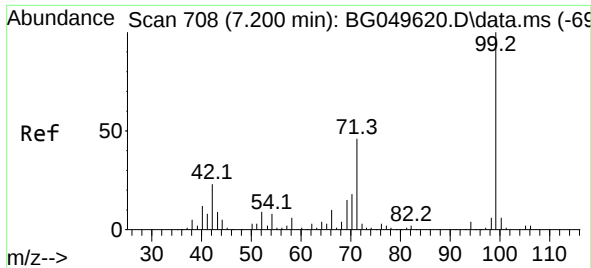


#5
2-Fluorophenol
Concen: 108.119 ng
RT: 5.550 min Scan# 427
Delta R.T. 0.022 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59



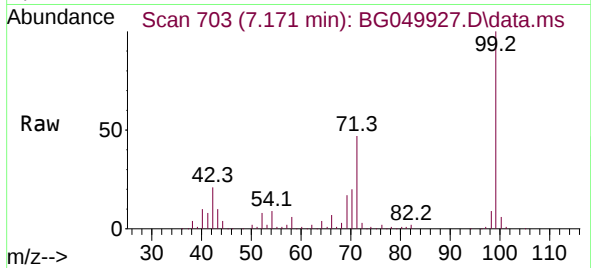
Tgt Ion:112 Resp: 215404
Ion Ratio Lower Upper
112 100
64 64.0 46.7 70.1
63 38.4 35.3 52.9





#7
Phenol-d6
Concen: 100.499 ng
RT: 7.171 min Scan# 703
Delta R.T. 0.028 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

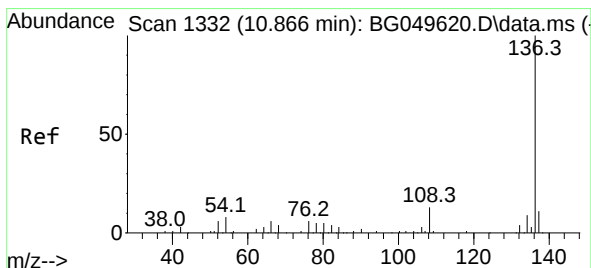
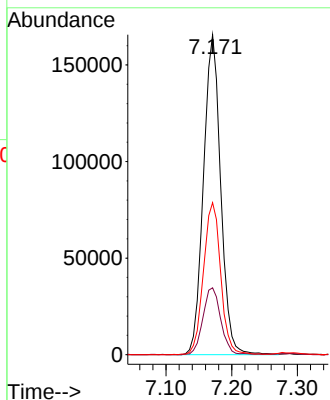
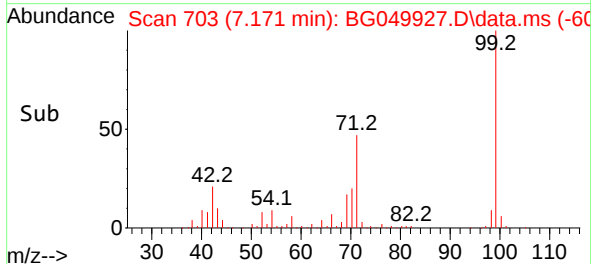
Instrument :
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ClientSampleId :
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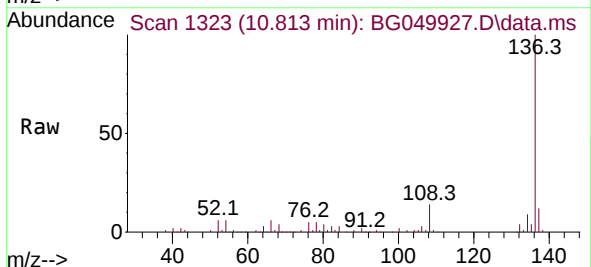
Tgt Ion: 99 Resp: 303087
Ion Ratio Lower Upper
99 100
42 20.9 20.5 30.7
71 47.5 41.5 62.3

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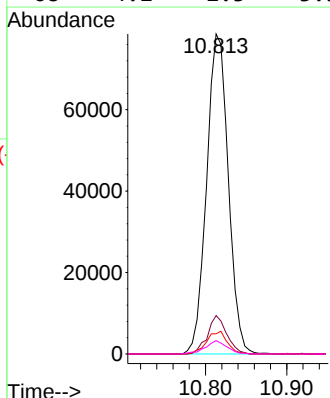
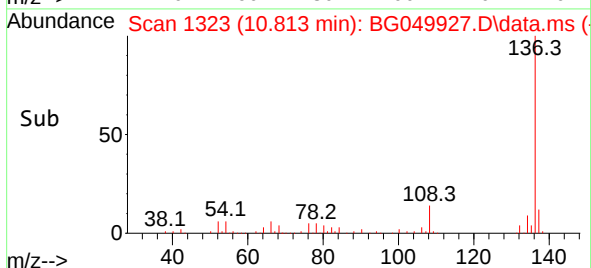
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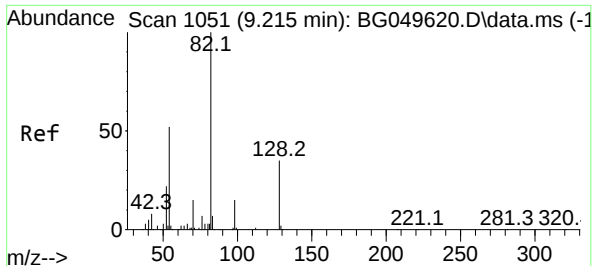


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.813 min Scan# 1323
Delta R.T. 0.016 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59



Tgt Ion: 136 Resp: 145496
Ion Ratio Lower Upper
136 100
137 12.0 8.2 12.2
54 6.3 5.5 8.3
68 4.2 2.3 3.5#





#23

Nitrobenzene-d5

Concen: 65.688 ng

RT: 9.168 min Scan# 1043

Delta R.T. 0.016 min

Lab File: BG049927.D

Acq: 21 Aug 2021 2:59

Tgt Ion:	82	Resp:	215979
Ion	Ratio	Lower	Upper
82	100		
128	36.8	29.8	44.6
54	48.5	45.8	68.8

Instrument :

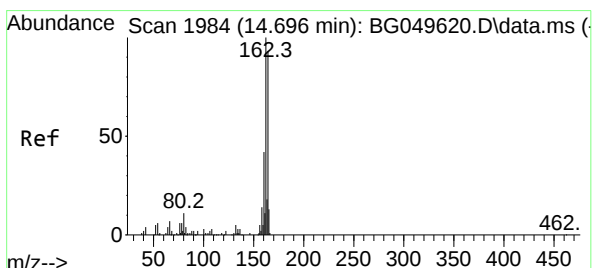
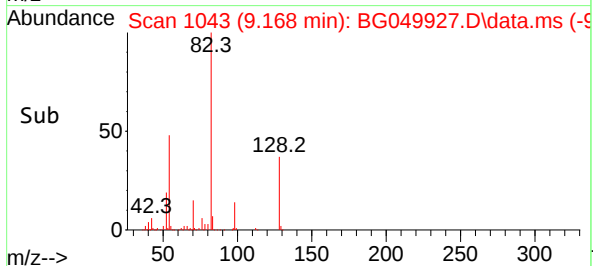
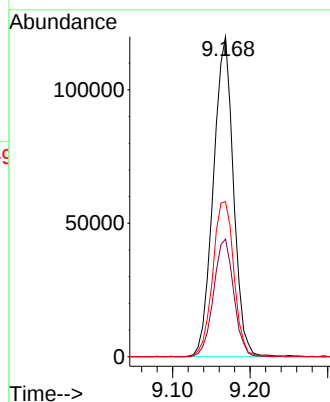
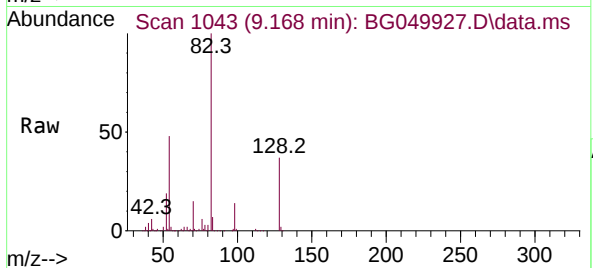
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ClientSampleId :

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#39

Acenaphthene-d10

Concen: 20.000 ng

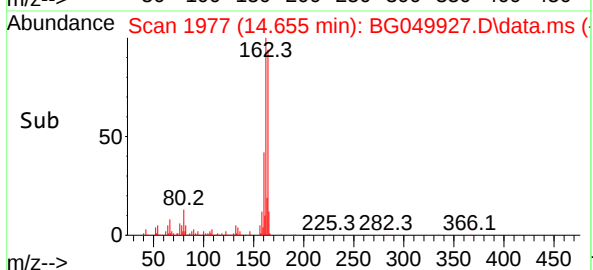
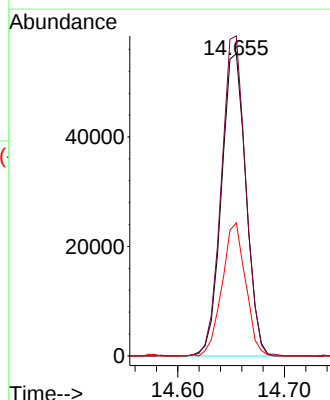
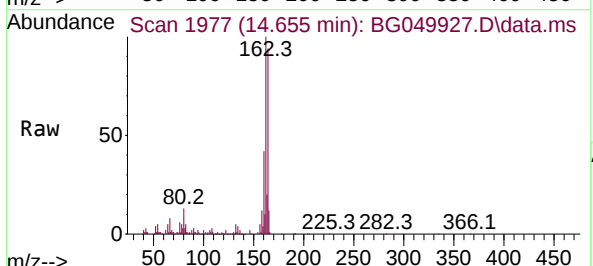
RT: 14.655 min Scan# 1977

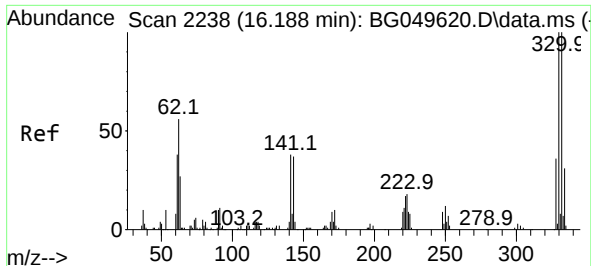
Delta R.T. 0.016 min

Lab File: BG049927.D

Acq: 21 Aug 2021 2:59

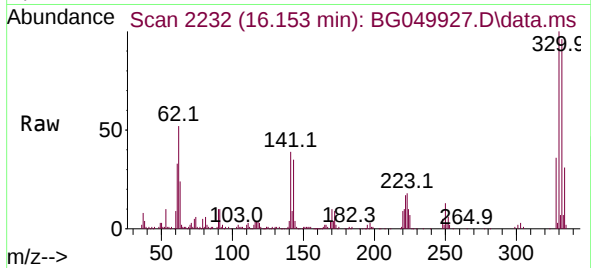
Tgt Ion:	164	Resp:	88087
Ion	Ratio	Lower	Upper
164	100		
162	105.9	81.4	122.0
160	44.0	34.9	52.3





#42
2,4,6-Tribromophenol
Concen: 100.785 ng
RT: 16.153 min Scan# 2232
Delta R.T. 0.022 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

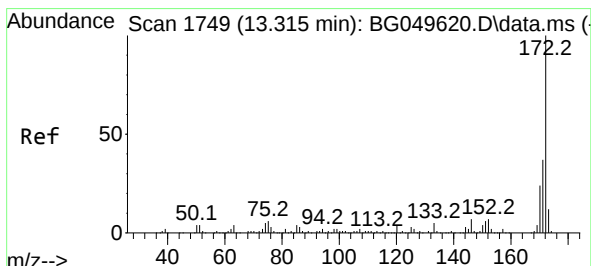
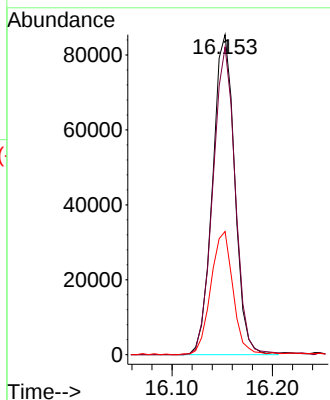
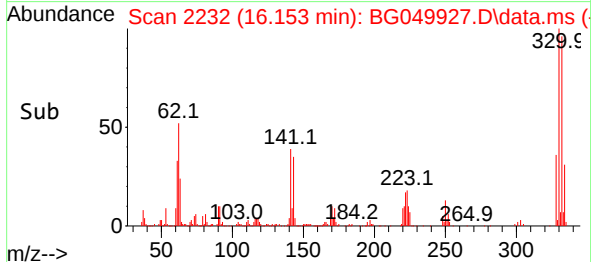
Instrument :
BNA_G
ClientSampleId :
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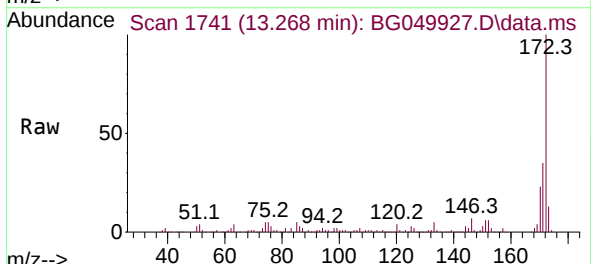
Tgt Ion:330 Resp: 130493
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 39.0 35.6 53.4

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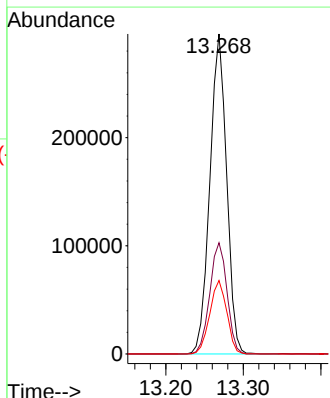
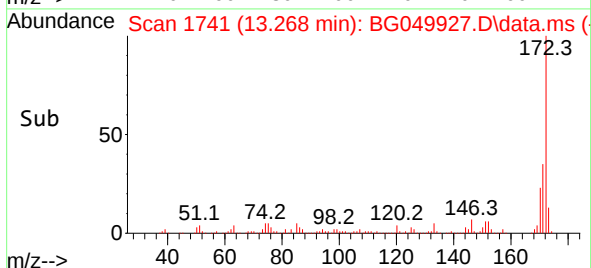
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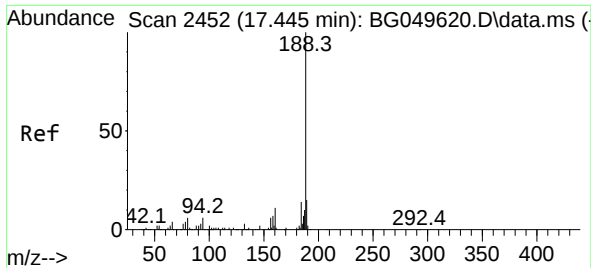


#45
2-Fluorobiphenyl
Concen: 73.267 ng
RT: 13.268 min Scan# 1741
Delta R.T. 0.016 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59



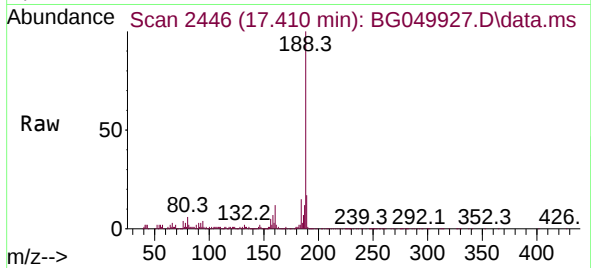
Tgt Ion:172 Resp: 443542
Ion Ratio Lower Upper
172 100
171 34.8 28.6 43.0
170 23.0 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.410 min Scan# 2446
Delta R.T. 0.022 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

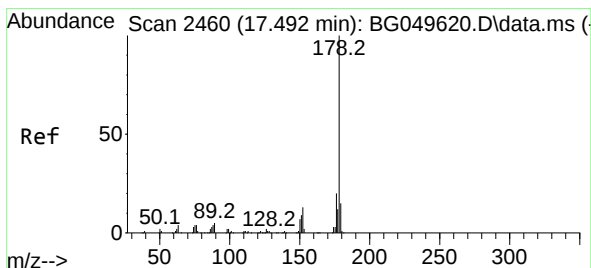
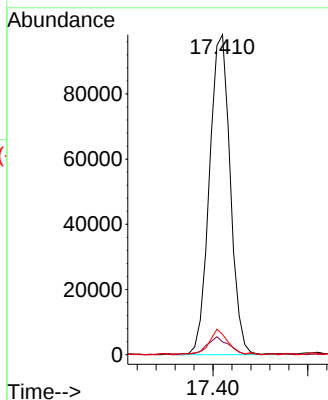
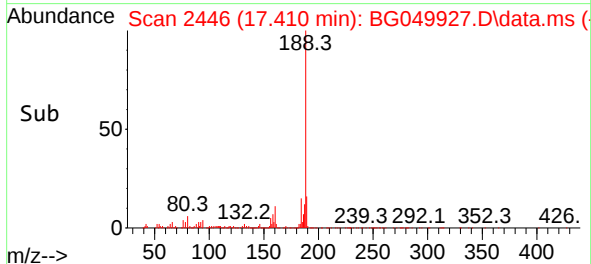
Instrument :
BNA_G
ClientSampleId :
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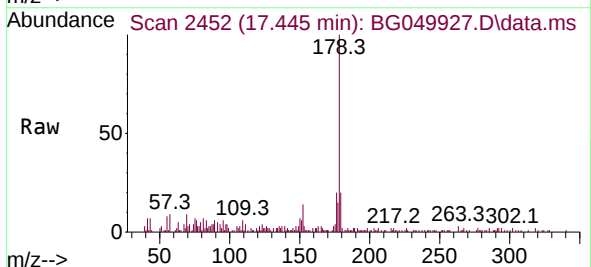
Tgt Ion:188 Resp: 149507
Ion Ratio Lower Upper
188 100
94 4.0 5.4 8.0#
80 6.4 3.7 5.5#

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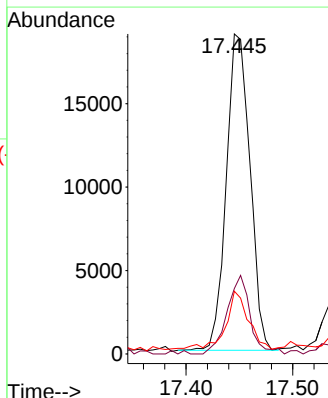
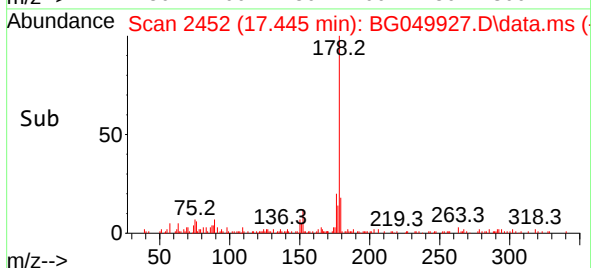
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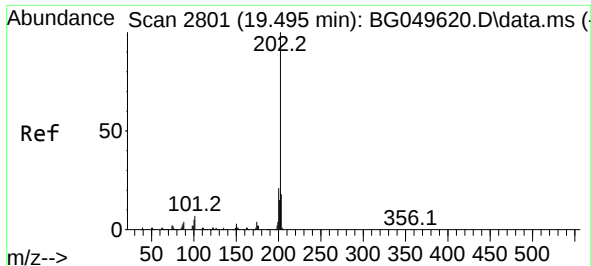


#71
Phenanthrene
Concen: 3.725 ng
RT: 17.445 min Scan# 2452
Delta R.T. 0.016 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

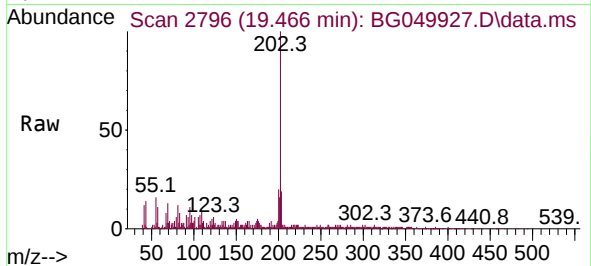


Tgt Ion:178 Resp: 29299
Ion Ratio Lower Upper
178 100
176 20.4 16.0 24.0
179 19.6 14.2 21.4

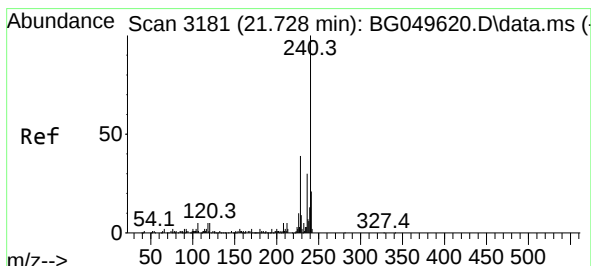
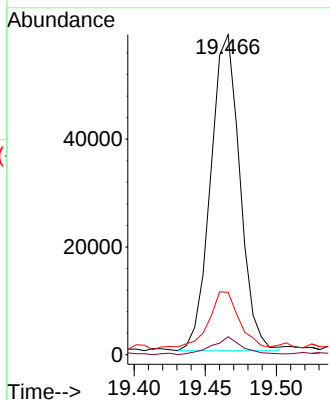
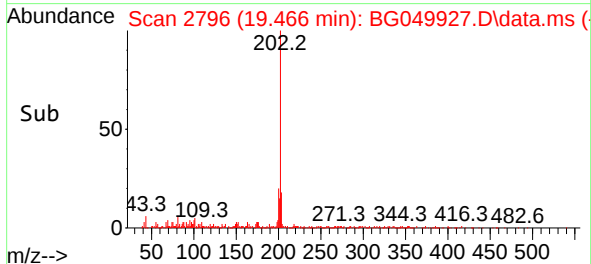




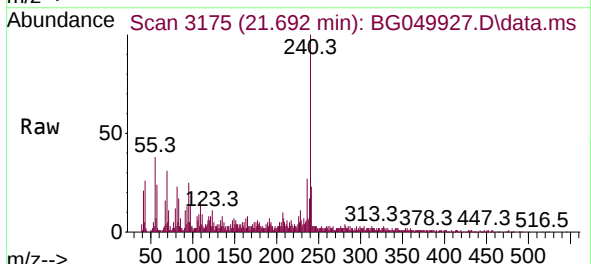
#75
Fluoranthene
Concen: 8.689 ng
RT: 19.466 min Scan# 2796
Delta R.T. 0.022 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59



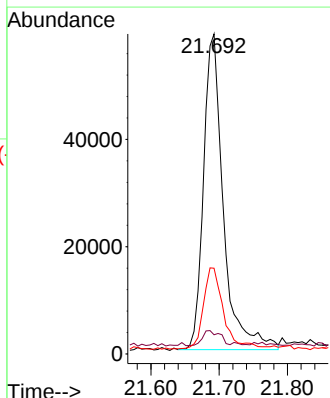
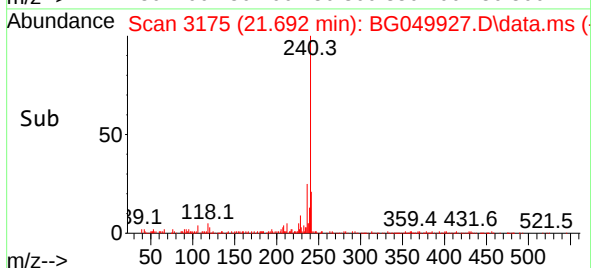
Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.6	0.0	24.7
203	19.5	0.0	38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.692 min Scan# 3175
Delta R.T. 0.034 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59



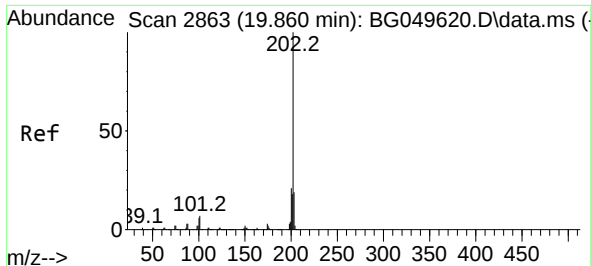
Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.2	6.2
236	26.8	21.8	32.6



Instrument :
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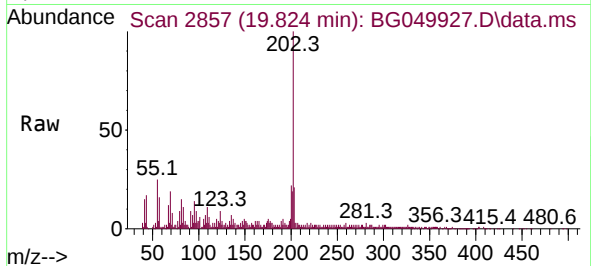
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#78
Pyrene
Concen: 10.644 ng
RT: 19.824 min Scan# 2857
Delta R.T. 0.022 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

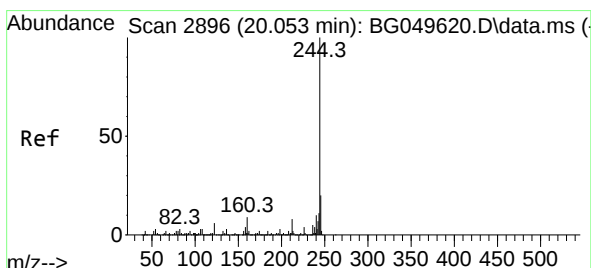
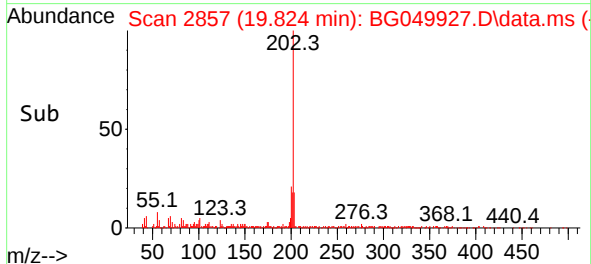
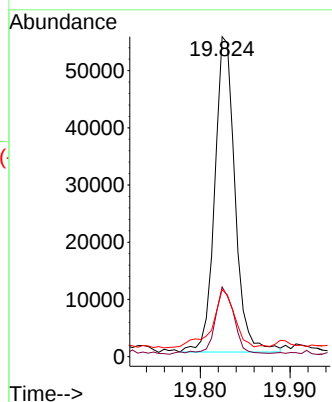
Instrument :
BNA_G
ClientSampleId :
SWCS-09-0002



Tgt Ion:202 Resp: 86565
Ion Ratio Lower Upper
202 100
200 21.8 15.8 23.8
203 21.0 14.6 21.8

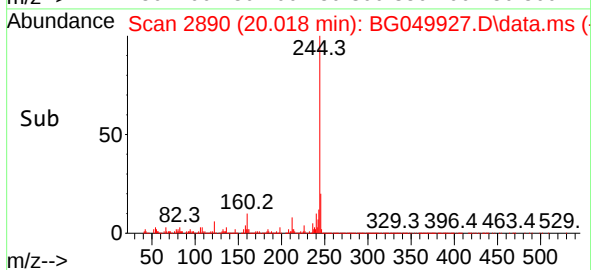
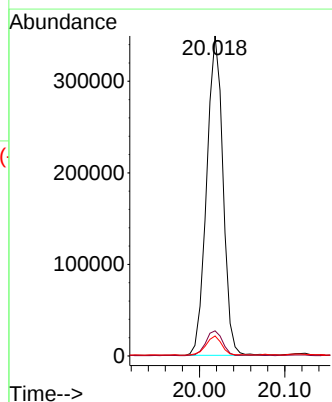
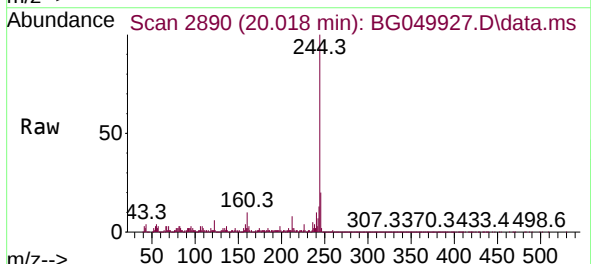
Manual Integrations
APPROVED

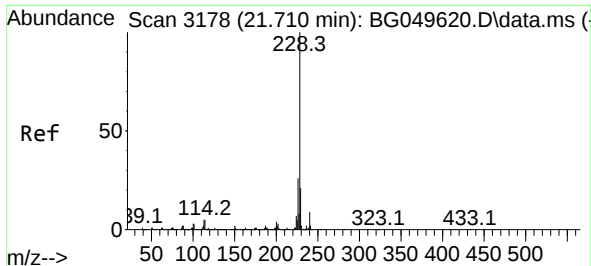
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#79
Terphenyl-d14
Concen: 70.643 ng
RT: 20.018 min Scan# 2890
Delta R.T. 0.022 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

Tgt Ion:244 Resp: 463985
Ion Ratio Lower Upper
244 100
212 7.8 6.9 10.3
122 6.3 5.0 7.6





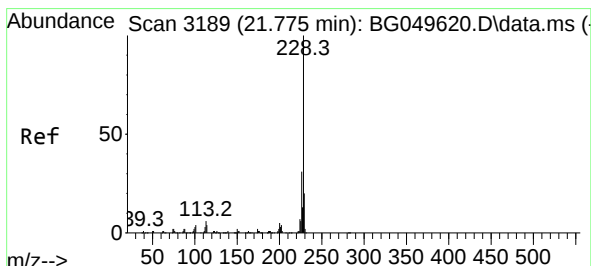
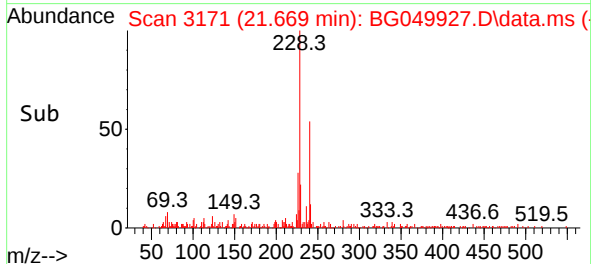
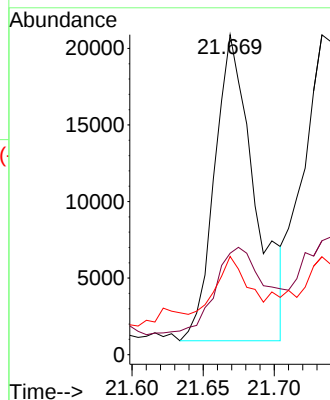
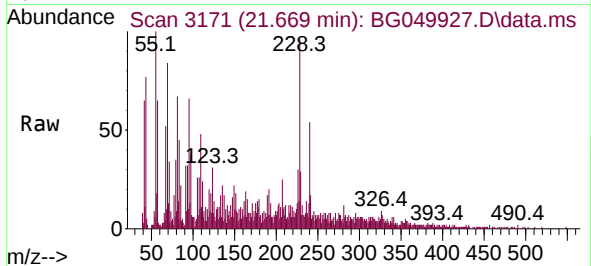
#81
Benzo(a)anthracene
Concen: 5.048 ng
RT: 21.669 min Scan# 3171
Delta R.T. 0.028 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.7	34.1
229	30.7	16.0	24.0

Instrument :
BNA_G
ClientSampleId :
SWCS-09-0002

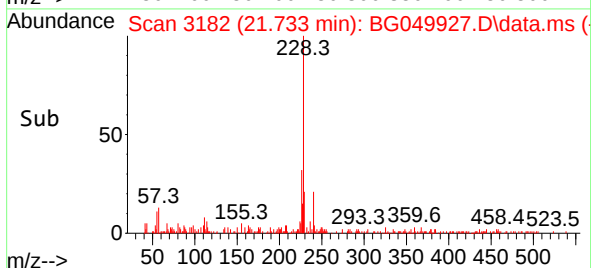
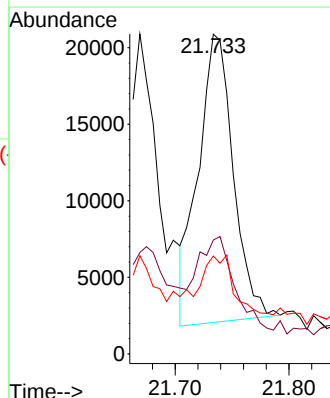
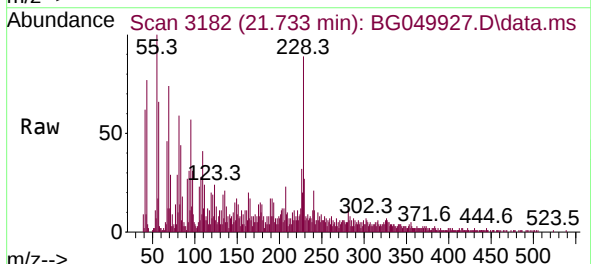
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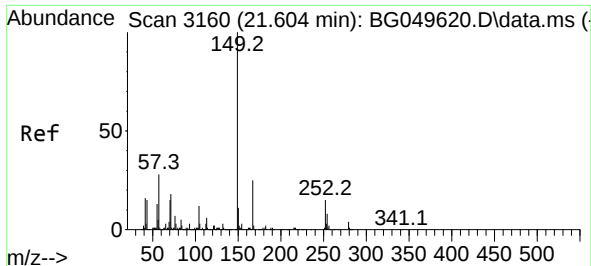
mohammad
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#83
Chrysene
Concen: 5.428 ng
RT: 21.733 min Scan# 3182
Delta R.T. 0.028 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.6	23.1	34.7
229	30.6	15.3	22.9





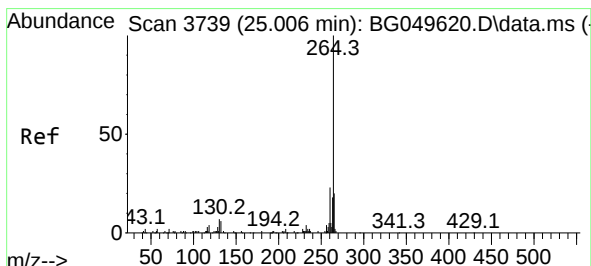
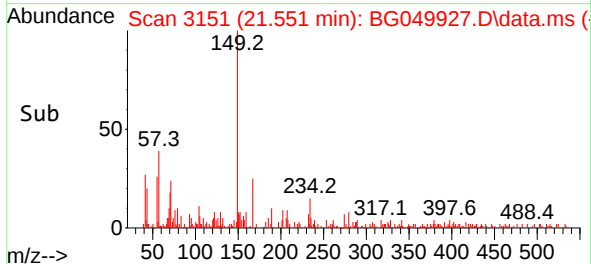
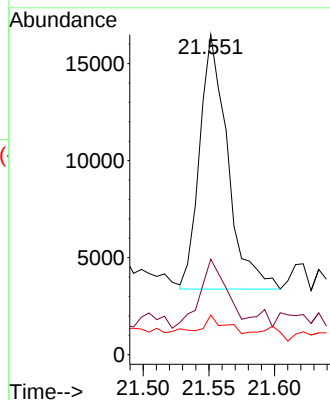
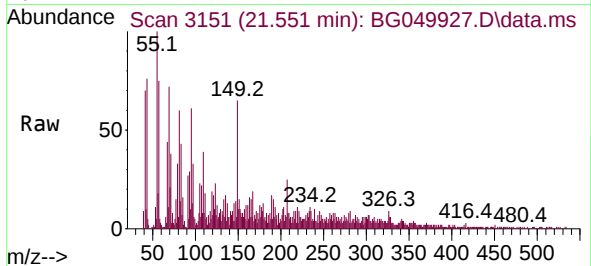
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.450 ng
RT: 21.551 min Scan# 3151
Delta R.T. 0.022 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.9	22.3	33.5
279	12.4	3.8	5.8#

Instrument :
BNA_G
ClientSampleId :
SWCS-09-0002

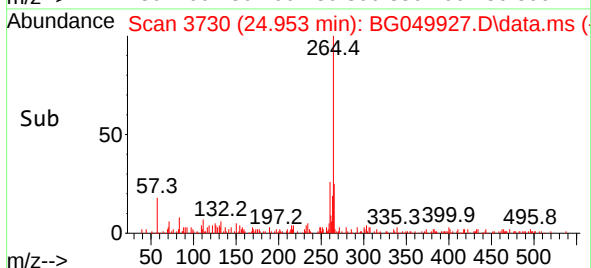
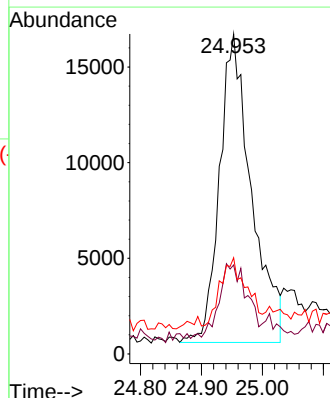
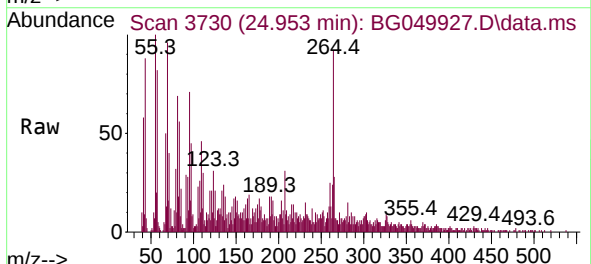
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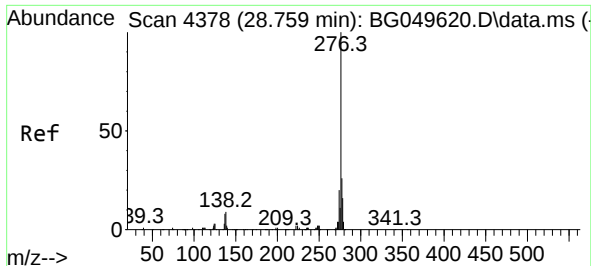
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.953 min Scan# 3730
Delta R.T. 0.069 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	27.8	19.4	29.2
265	30.1	16.9	25.3#





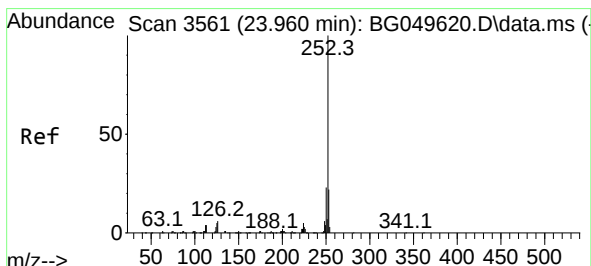
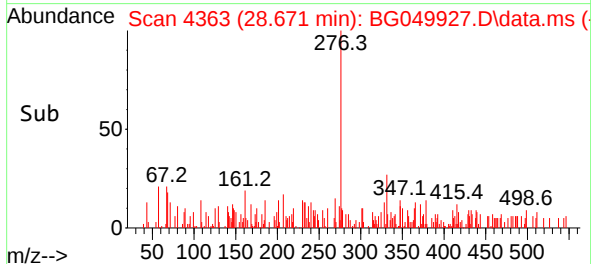
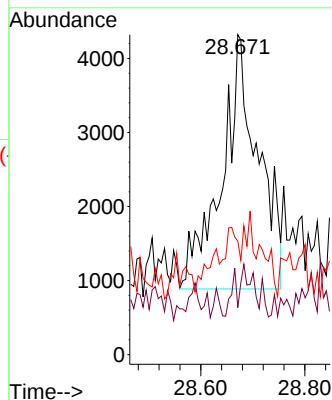
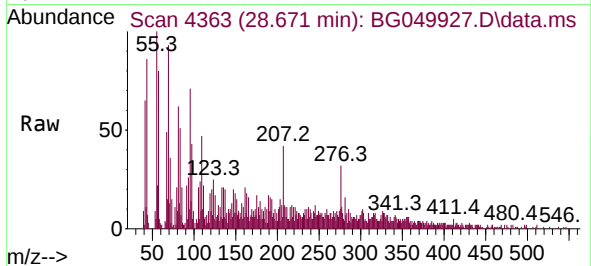
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.967 ng m
 RT: 28.671 min Scan# 4363
 Delta R.T. 0.093 min
 Lab File: BG049927.D
 Acq: 21 Aug 2021 2:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	2.7	5.1	7.7#
277	3.5	19.8	29.6#

Instrument :
 BNA_G
 ClientSampleId :
 SWCS-09-0002

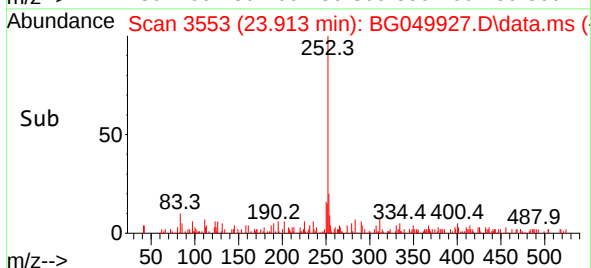
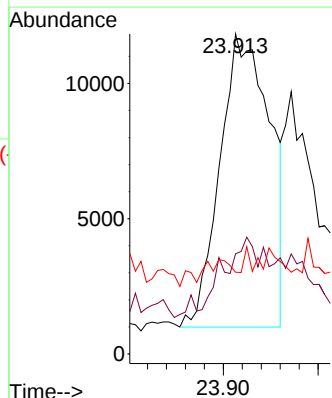
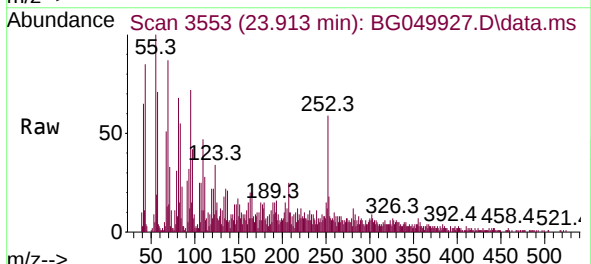
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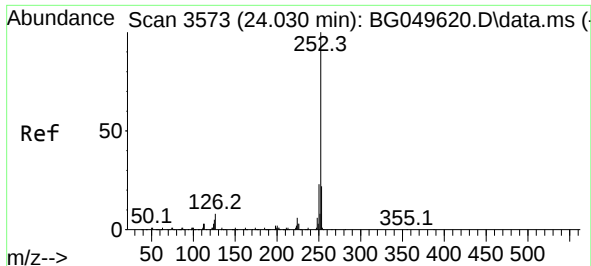
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#88
 Benzo(b)fluoranthene
 Concen: 10.326 ng
 RT: 23.913 min Scan# 3553
 Delta R.T. 0.051 min
 Lab File: BG049927.D
 Acq: 21 Aug 2021 2:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.3	16.2	24.4#
125	25.6	3.0	4.4#





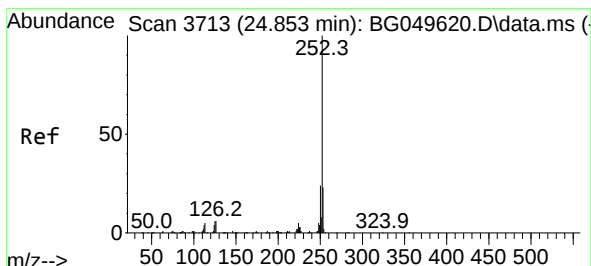
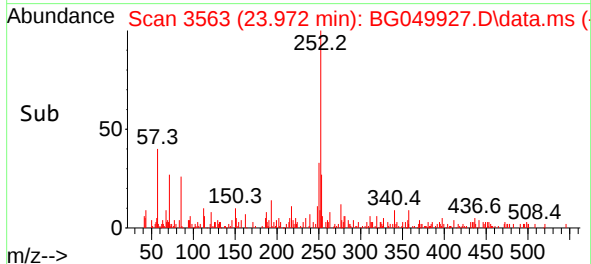
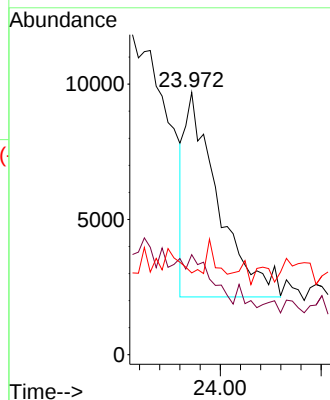
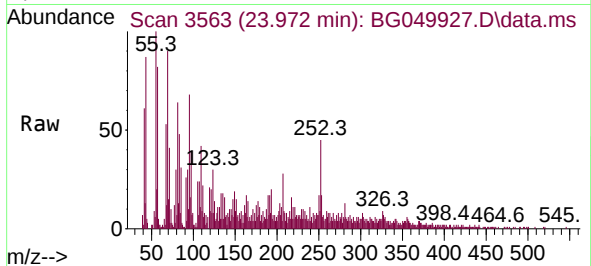
#89
Benzo(k)fluoranthene
Concen: 4.847 ng m
RT: 23.972 min Scan# 3563
Delta R.T. 0.046 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	38.2	18.0	27.0#
125	31.2	3.1	4.7#

Instrument :
BNA_G
ClientSampleId :
SWCS-09-0002

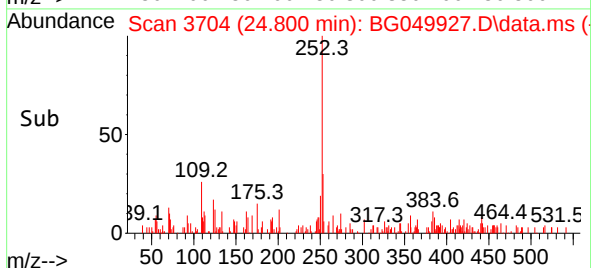
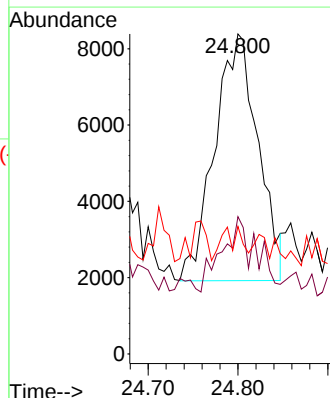
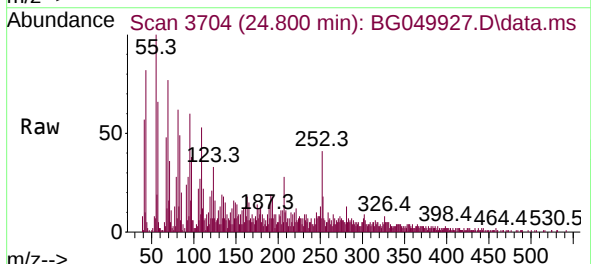
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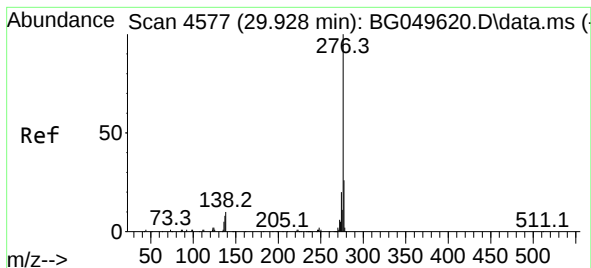
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#90
Benzo(a)pyrene
Concen: 6.251 ng
RT: 24.800 min Scan# 3704
Delta R.T. 0.063 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	42.9	16.6	25.0#
125	39.8	3.5	5.3#





#92

Benzo(g,h,i)perylene

Concen: 4.947 ng m

RT: 29.864 min Scan# 4566

Delta R.T. 0.128 min

Lab File: BG049927.D

Acq: 21 Aug 2021 2:59

Tgt Ion:	276	Resp:	17233
Ion Ratio	Lower	Upper	
276	100		
277	44.4	18.4	27.6#
138	27.5	7.0	10.6#

Instrument :

BNA_G

ClientSampleId :

SWCS-09-0002

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