

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041521\
 Data File : BG048711.D
 Acq On : 15 Apr 2021 16:22
 Operator : CG/JU
 Sample : M2008-02DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NANUET-ST-041221DL

Manual Integrations
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Quant Time: Apr 15 16:58:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 15 10:59:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.085	152	34129	20.00	ng	0.00
21) Naphthalene-d8	10.911	136	142951	20.00	ng	0.00
39) Acenaphthene-d10	14.741	164	85180	20.00	ng	0.00
64) Phenanthrene-d10	17.497	188	176518	20.00	ng	# 0.00
76) Chrysene-d12	21.798	240	155223	20.00	ng	0.00
86) Perylene-d12	25.153	264	155540	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	86090	42.19	ng	0.00
7) Phenol-d6	7.244	99	113522	39.33	ng	0.00
23) Nitrobenzene-d5	9.254	82	89870	28.15	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	46229	40.48	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	166329	28.20	ng	0.00
79) Terphenyl-d14	20.106	244	167255	18.55	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.465	152	19395	2.59	ng	97
71) Phenanthrene	17.538	178	197244	21.53	ng	97
72) Anthracene	17.632	178	21558	2.38	ng	98
75) Fluoranthene	19.553	202	338977	29.26	ng	99
78) Pyrene	19.918	202	348985	32.50	ng	99
81) Benzo(a)anthracene	21.780	228	152950	14.42	ng	97
83) Chrysene	21.845	228	162842	16.12	ng	96
87) Indeno(1,2,3-cd)pyrene	28.989	276	84767	7.42	ng	# 81
88) Benzo(b)fluoranthene	24.083	252	179477	17.01	ng	# 91
89) Benzo(k)fluoranthene	24.142	252	73819m	7.44	ng	
90) Benzo(a)pyrene	24.994	252	142222	14.63	ng	96
92) Benzo(g,h,i)perylene	30.176	276	79311m	8.20	ng	

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

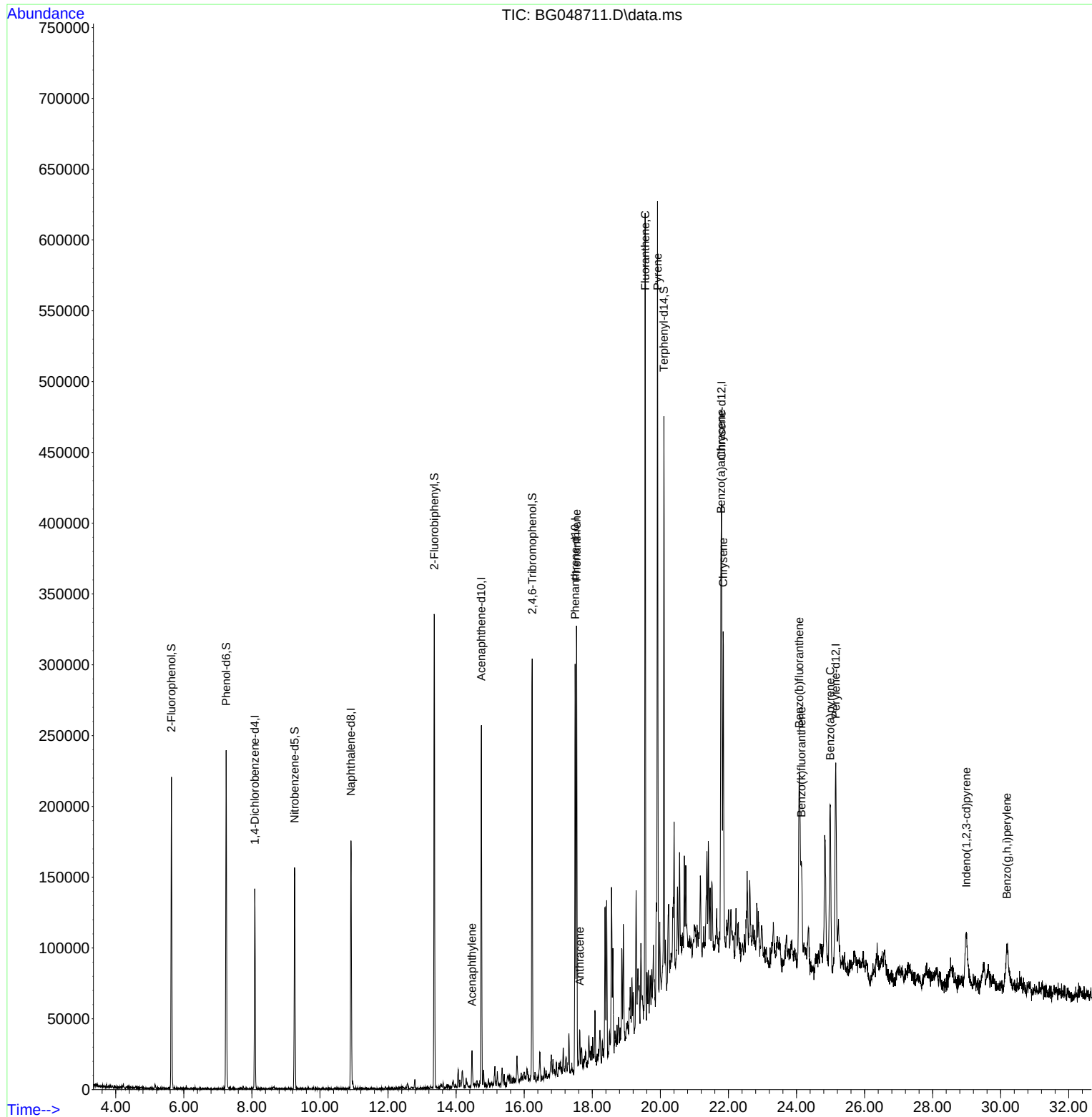
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041521\
Data File : BG048711.D
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Operator : CG/JU
Sample : M2008-02DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

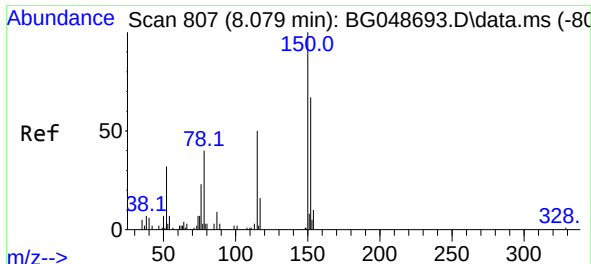
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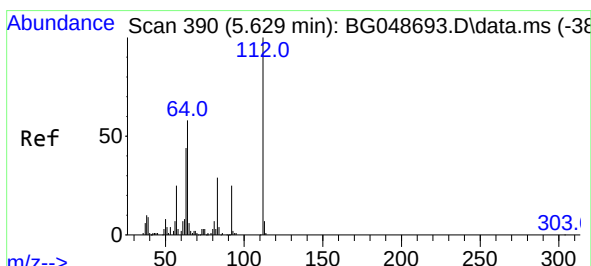
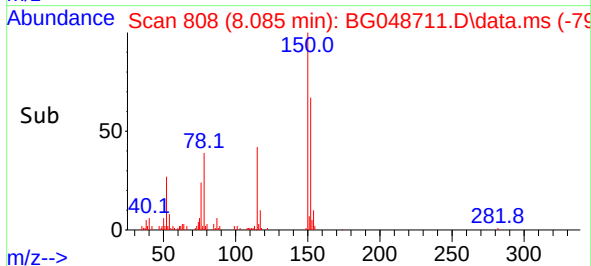
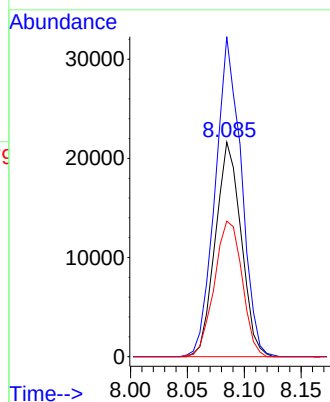
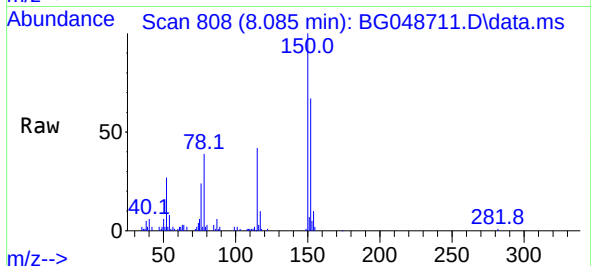
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.085 min Scan# 808
Delta R.T. -0.002 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

Tgt Ion:152 Resp: 34129
Ion Ratio Lower Upper
152 100
150 149.1 119.4 179.0
115 63.2 60.2 90.4

Instrument :
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ClientSampleId :
NANUET-ST-041221DL

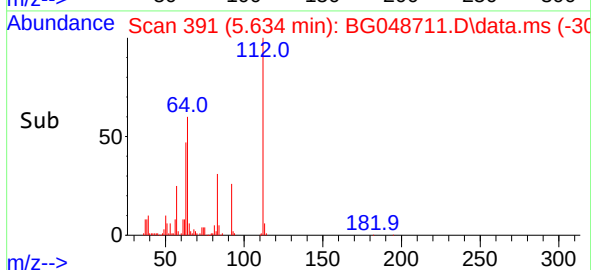
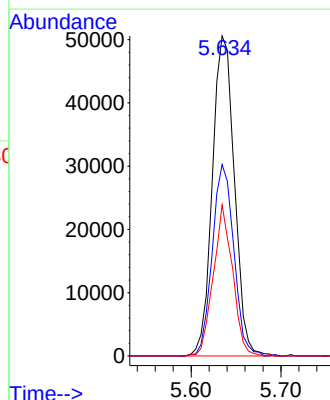
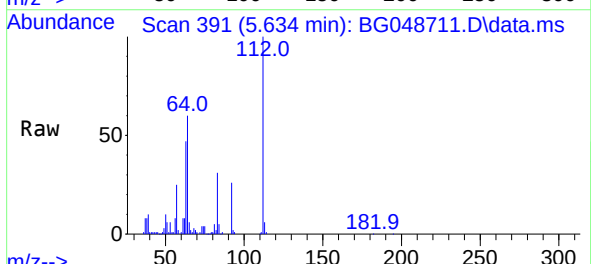
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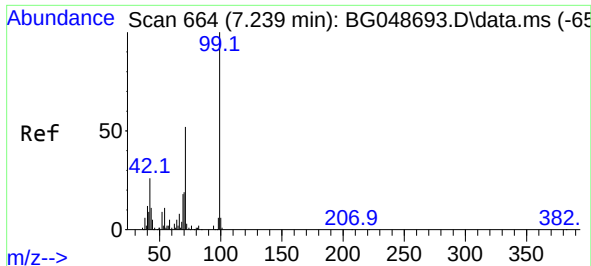
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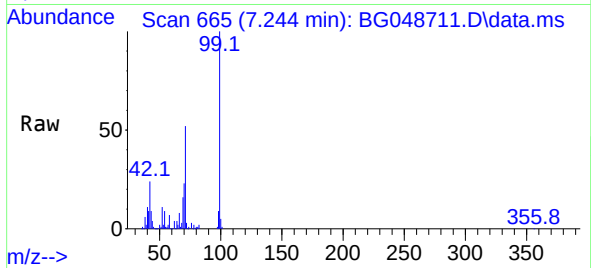
#5
2-Fluorophenol
Concen: 42.19 ng
RT: 5.634 min Scan# 391
Delta R.T. 0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

Tgt Ion:112 Resp: 86090
Ion Ratio Lower Upper
112 100
64 59.8 46.7 70.1
63 47.2 35.3 52.9

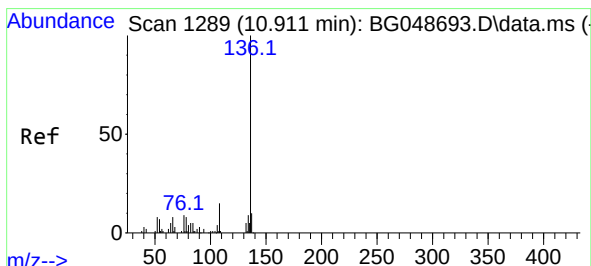
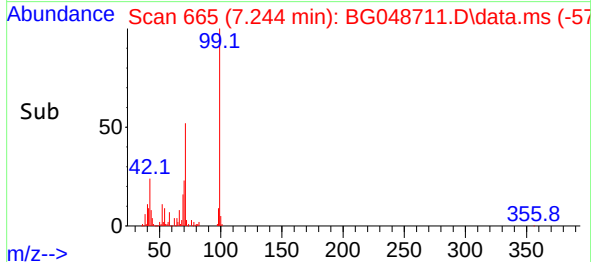
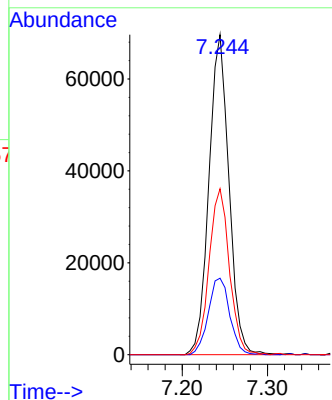




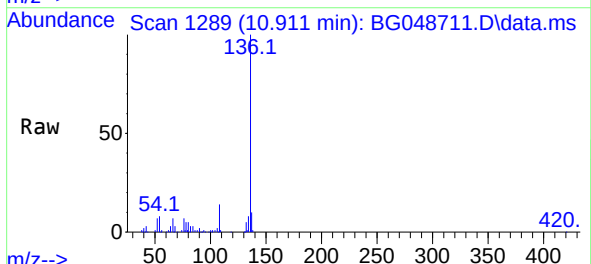
#7
Phenol-d6
Concen: 39.33 ng
RT: 7.244 min Scan# 665
Delta R.T. 0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22



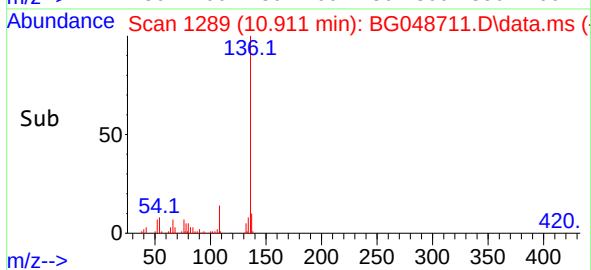
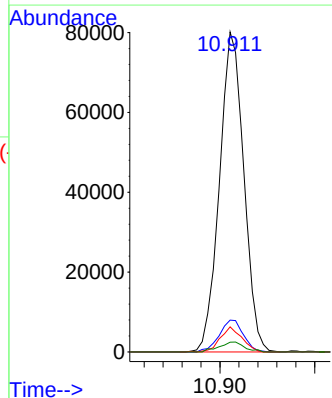
Tgt Ion: 99 Resp: 113522
Ion Ratio Lower Upper
99 100
42 23.9 20.5 30.7
71 51.9 41.5 62.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.911 min Scan# 1289
Delta R.T. 0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22



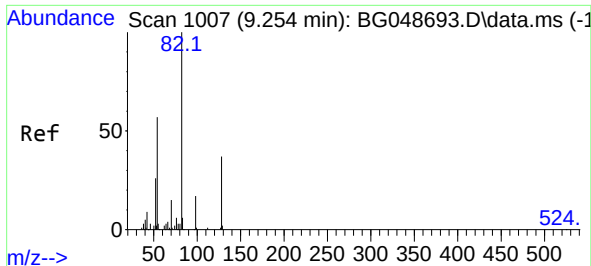
Tgt Ion: 136 Resp: 142951
Ion Ratio Lower Upper
136 100
137 9.9 8.2 12.2
54 7.8 5.5 8.3
68 3.1 2.3 3.5



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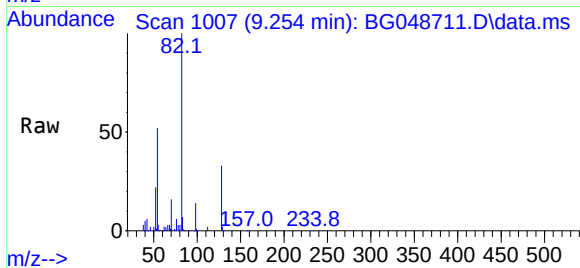
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#23
Nitrobenzene-d5
Concen: 28.15 ng
RT: 9.254 min Scan# 1007
Delta R.T. -0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

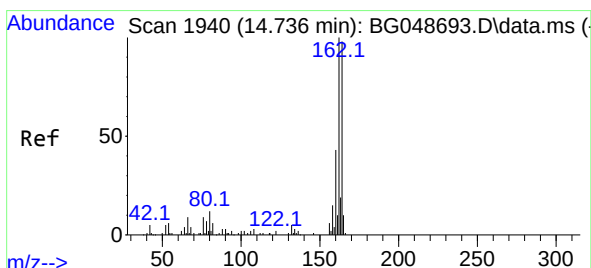
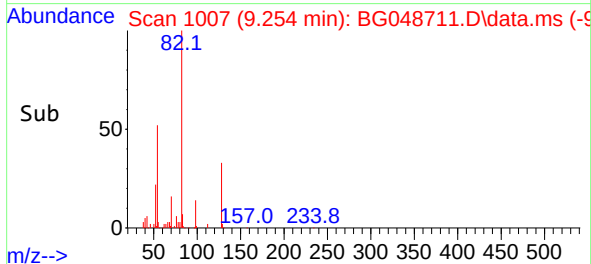
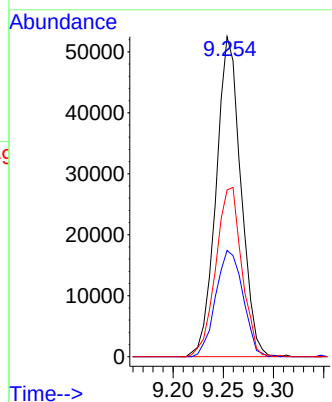
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BNA_G
ClientSampleId :
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Tgt Ion:	82	Resp:	89870
Ion	Ratio	Lower	Upper
82	100		
128	33.2	29.8	44.6
54	52.1	45.8	68.8

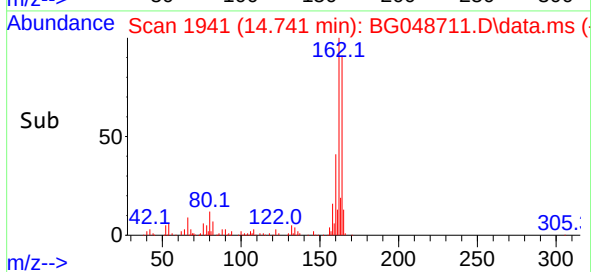
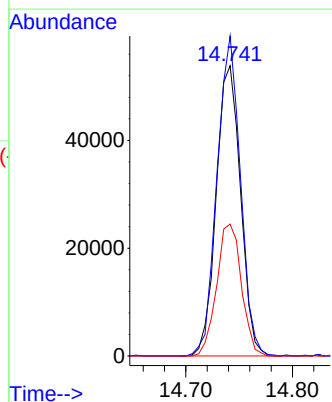
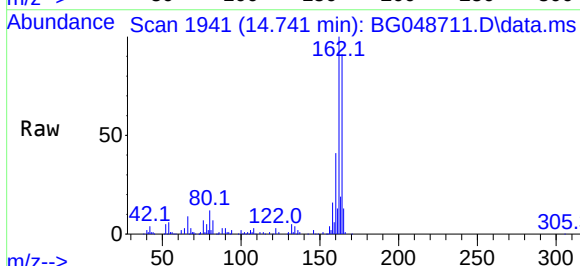
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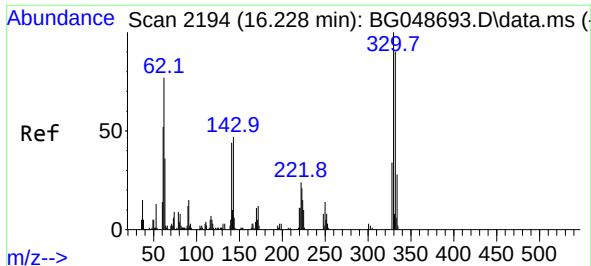
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.741 min Scan# 1941
Delta R.T. 0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

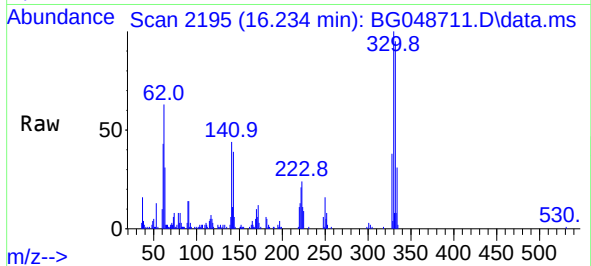
Tgt Ion:	164	Resp:	85180
Ion	Ratio	Lower	Upper
164	100		
162	110.2	81.4	122.0
160	45.4	34.9	52.3





#42
2,4,6-Tribromophenol
Concen: 40.48 ng
RT: 16.234 min Scan# 2195
Delta R.T. 0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

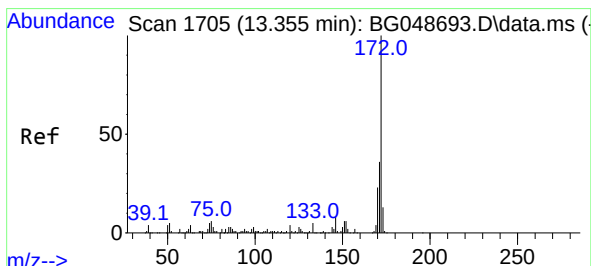
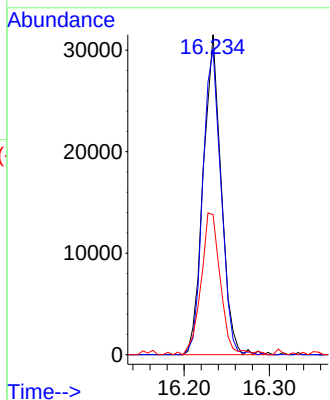
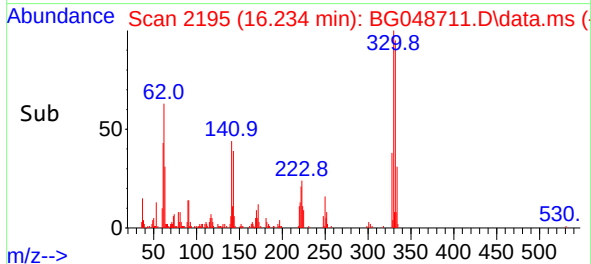
Instrument :
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ClientSampleId :
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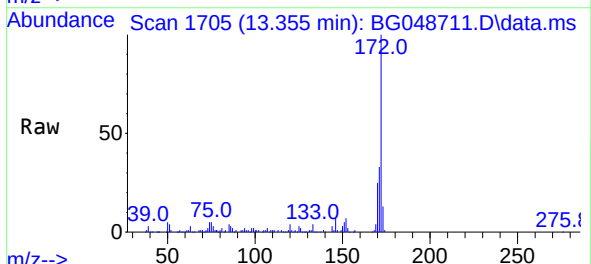
Tgt Ion:330 Resp: 46229
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 47.7 35.6 53.4

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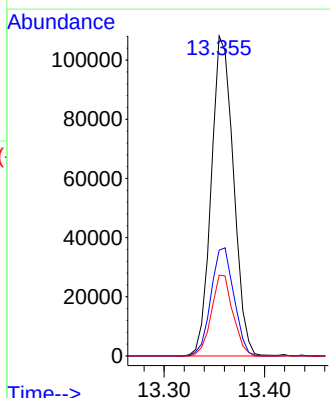
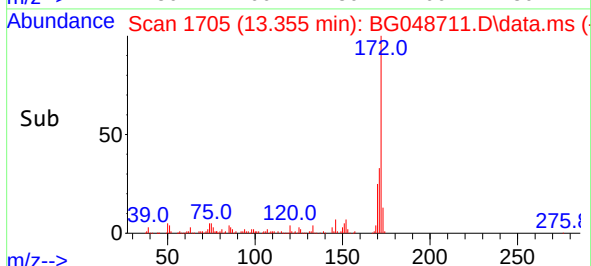
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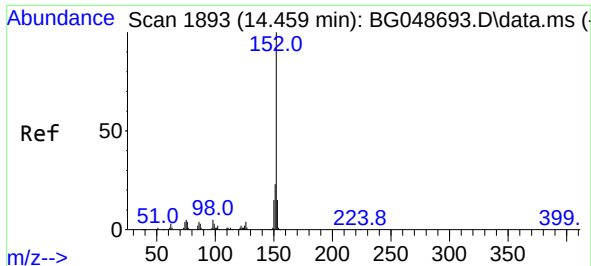


#45
2-Fluorobiphenyl
Concen: 28.20 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

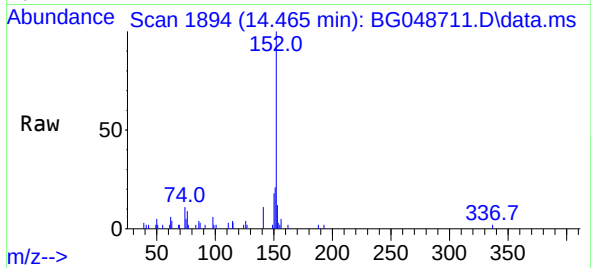


Tgt Ion:172 Resp: 166329
Ion Ratio Lower Upper
172 100
171 33.1 28.6 43.0
170 25.2 18.6 27.8

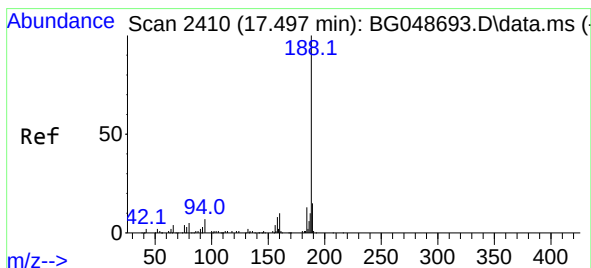
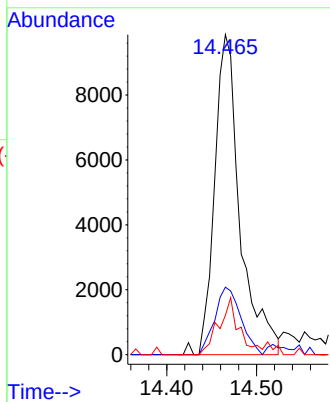
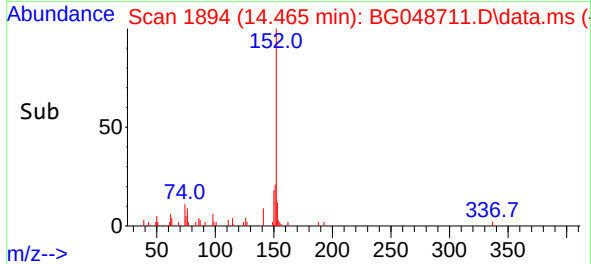




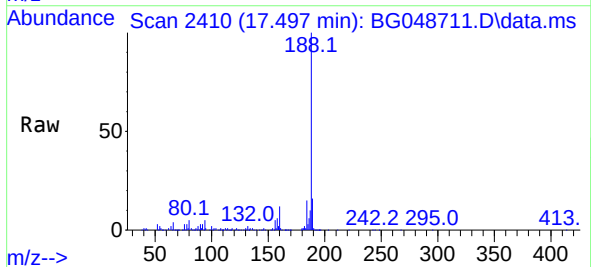
#49
Acenaphthylene
Concen: 2.59 ng
RT: 14.465 min Scan# 1894
Delta R.T. 0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22



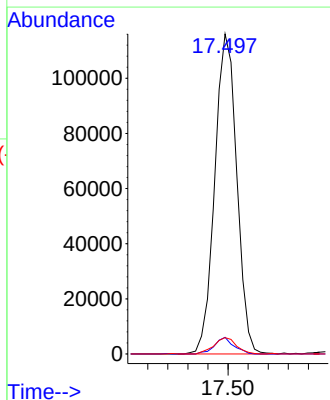
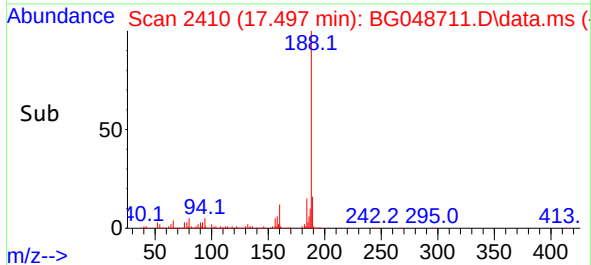
Tgt Ion:152 Resp: 19395
Ion Ratio Lower Upper
152 100
151 21.1 18.2 27.4
153 15.3 11.7 17.5



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.497 min Scan# 2410
Delta R.T. 0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22



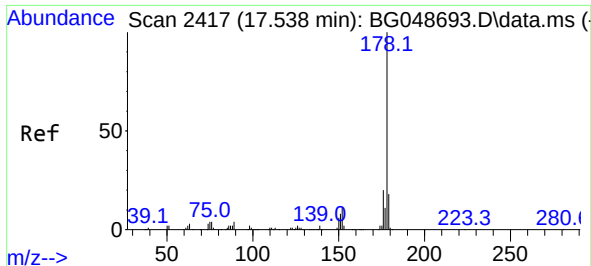
Tgt Ion:188 Resp: 176518
Ion Ratio Lower Upper
188 100
94 5.2 5.4 8.0#
80 5.1 3.7 5.5



Instrument :
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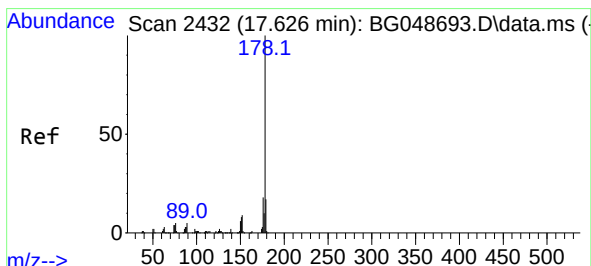
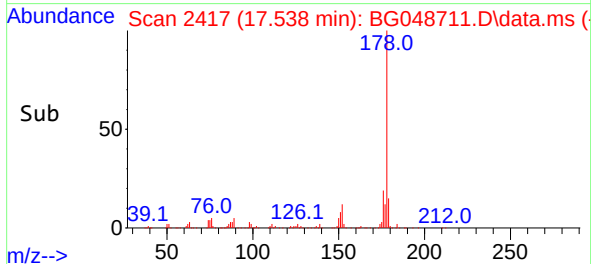
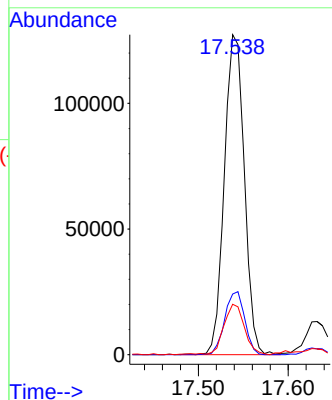
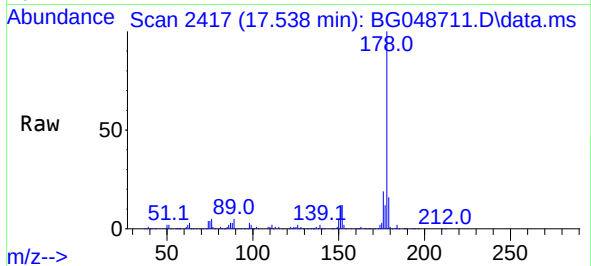
#71
Phenanthrene
Concen: 21.53 ng
RT: 17.538 min Scan# 2417
Delta R.T. 0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

Tgt Ion:178 Resp: 197244
Ion Ratio Lower Upper
178 100
176 19.0 16.0 24.0
179 15.8 14.2 21.4

Instrument :
BNA_G
ClientSampleId :
NANUET-ST-041221DL

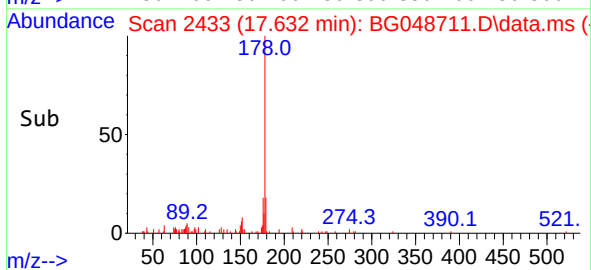
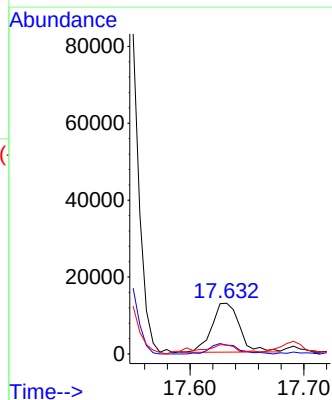
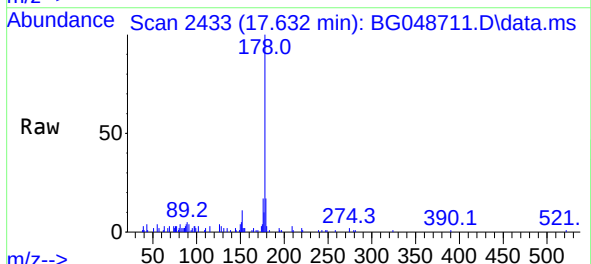
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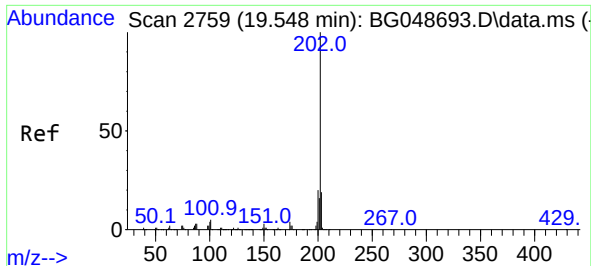
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#72
Anthracene
Concen: 2.38 ng
RT: 17.632 min Scan# 2433
Delta R.T. 0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

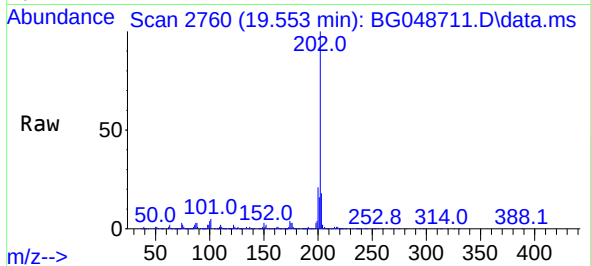
Tgt Ion:178 Resp: 21558
Ion Ratio Lower Upper
178 100
176 17.3 14.6 21.8
179 17.3 13.4 20.0





#75
Fluoranthene
Concen: 29.26 ng
RT: 19.553 min Scan# 2760
Delta R.T. 0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

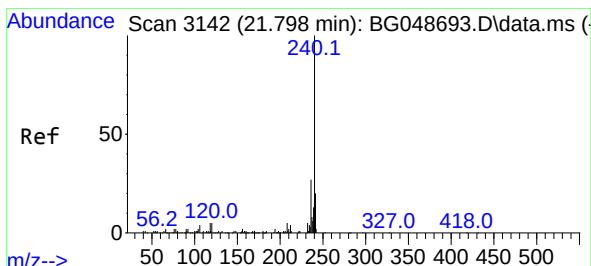
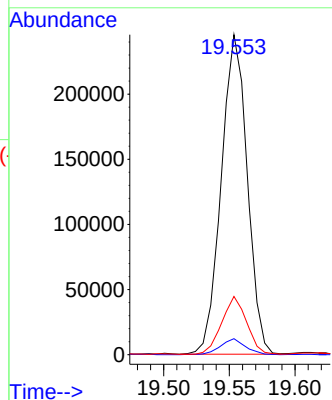
Instrument :
BNA_G
ClientSampleId :
NANUET-ST-041221DL



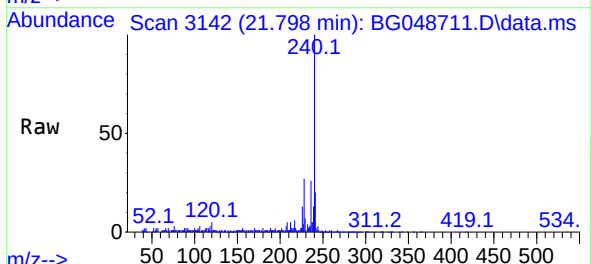
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Ion Ratio Lower Upper
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101 5.0 0.0 24.7
203 18.2 0.0 38.5

Manual Integrations
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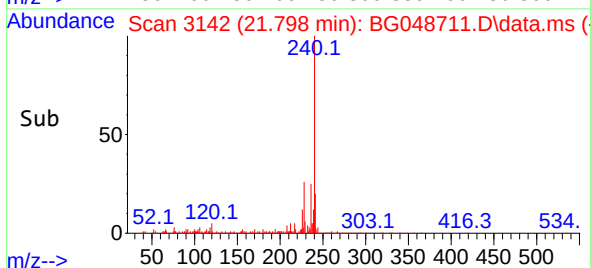
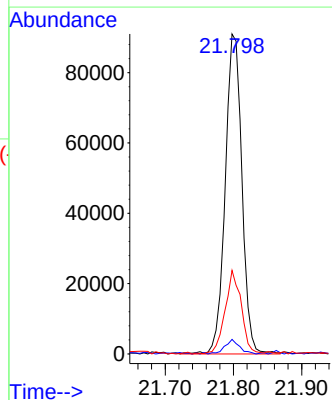
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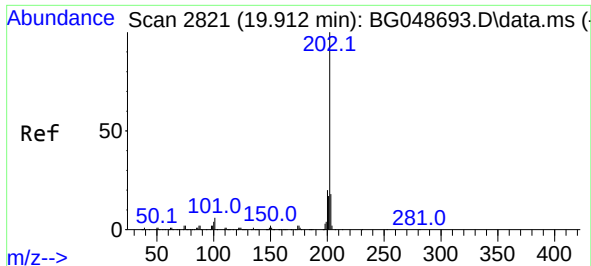


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.798 min Scan# 3142
Delta R.T. 0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

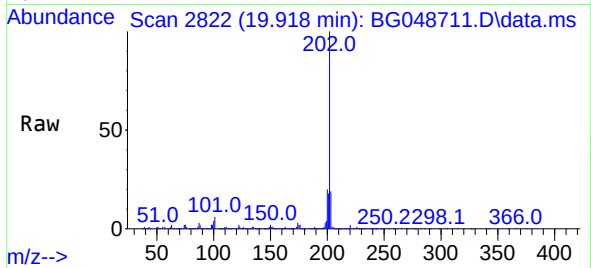


Tgt Ion:240 Resp: 155223
Ion Ratio Lower Upper
240 100
120 5.9 4.2 6.2
236 26.1 21.8 32.6

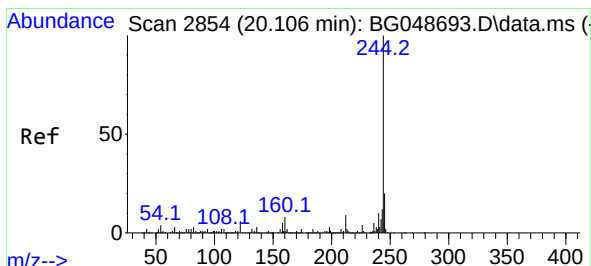
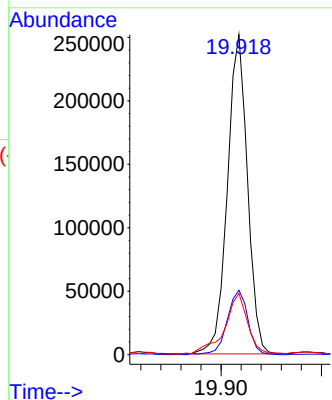
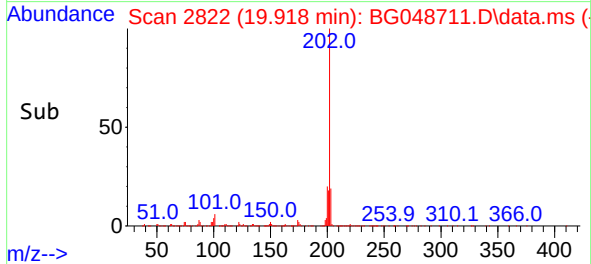




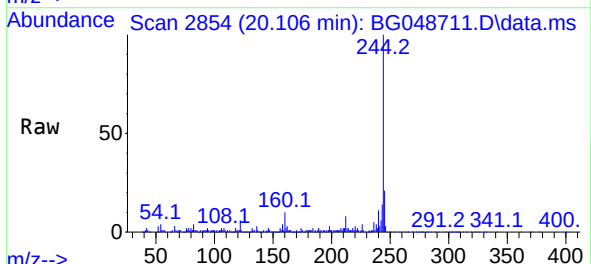
#78
Pyrene
Concen: 32.50 ng
RT: 19.918 min Scan# 2822
Delta R.T. 0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22



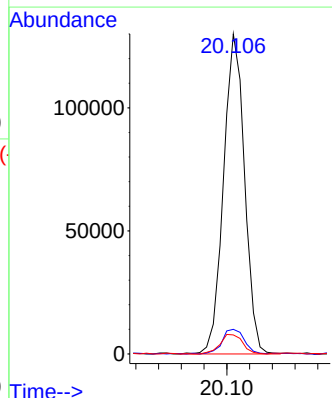
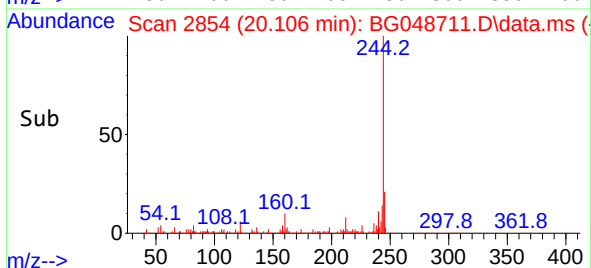
Tgt Ion:202 Resp: 348985
Ion Ratio Lower Upper
202 100
200 20.2 15.8 23.8
203 19.2 14.6 21.8



#79
Terphenyl-d14
Concen: 18.55 ng
RT: 20.106 min Scan# 2854
Delta R.T. -0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22



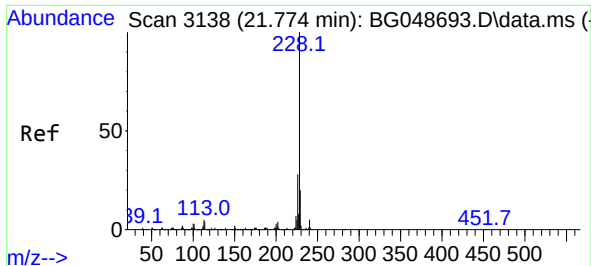
Tgt Ion:244 Resp: 167255
Ion Ratio Lower Upper
244 100
212 7.7 6.9 10.3
122 5.9 5.0 7.6



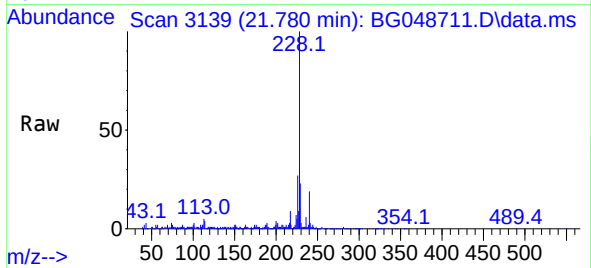
Instrument :
BNA_G
ClientSampleId :
NANUET-ST-041221DL

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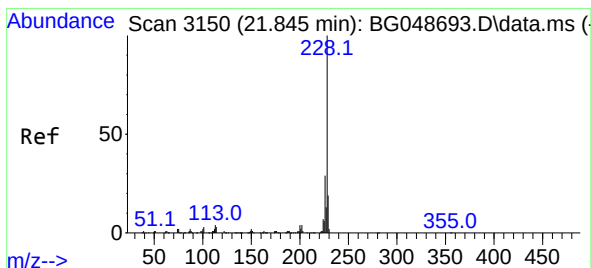
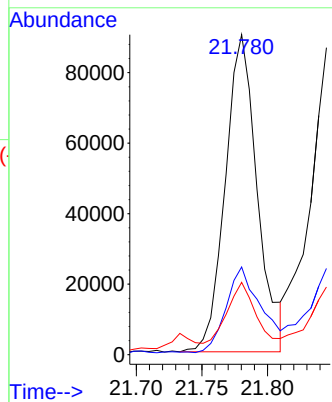
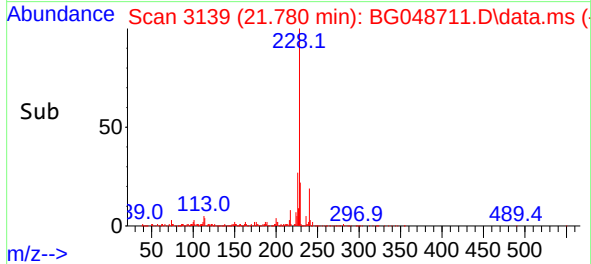
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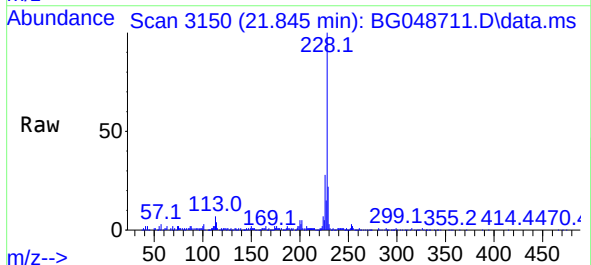
#81
Benzo(a)anthracene
Concen: 14.42 ng
RT: 21.780 min Scan# 3139
Delta R.T. 0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22



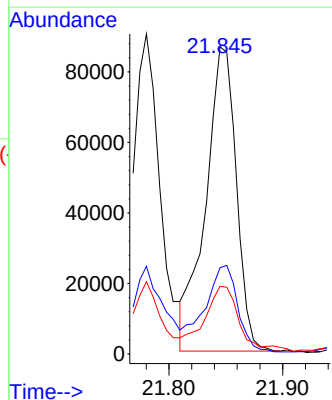
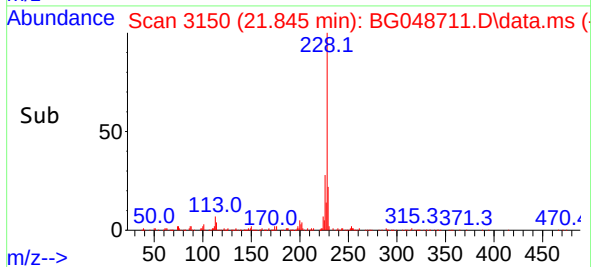
Tgt Ion:228 Resp: 152950
Ion Ratio Lower Upper
228 100
226 27.4 22.7 34.1
229 22.6 16.0 24.0



#83
Chrysene
Concen: 16.12 ng
RT: 21.845 min Scan# 3150
Delta R.T. 0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22



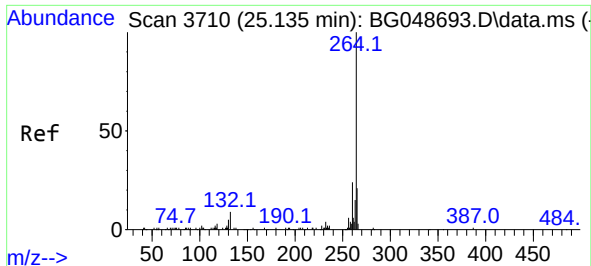
Tgt Ion:228 Resp: 162842
Ion Ratio Lower Upper
228 100
226 28.1 23.1 34.7
229 22.0 15.3 22.9



Instrument :
BNA_G
ClientSampleId :
NANUET-ST-041221DL

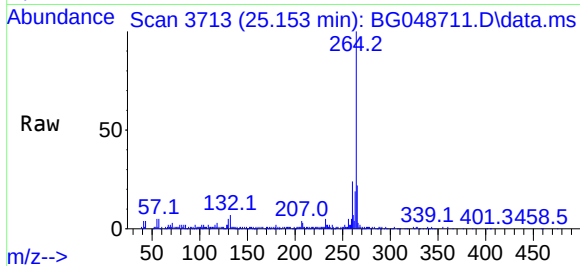
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.153 min Scan# 3713
Delta R.T. 0.015 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

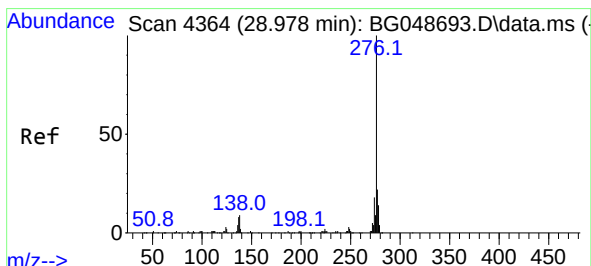
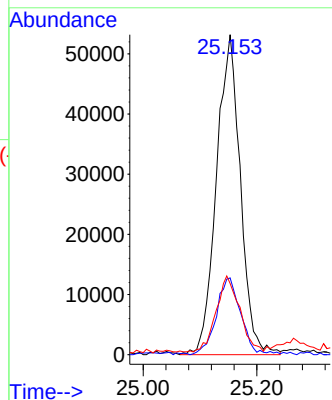
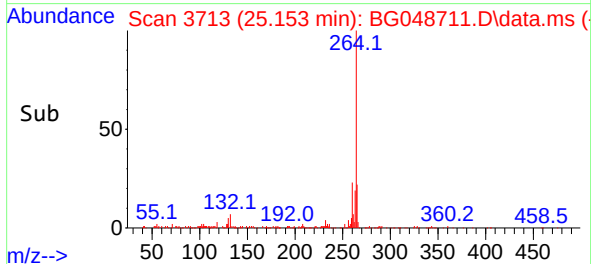
Instrument :
BNA_G
ClientSampleId :
NANUET-ST-041221DL



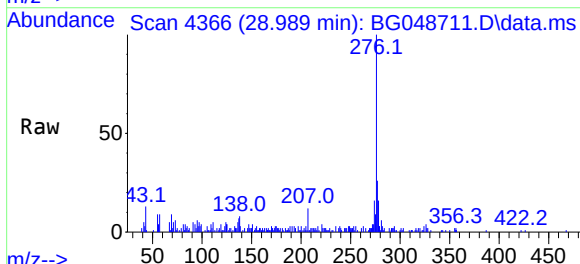
Tgt Ion:264 Resp: 155540
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 22.2 16.9 25.3

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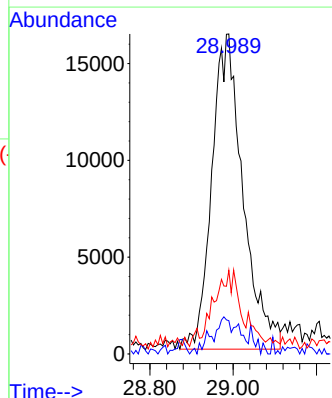
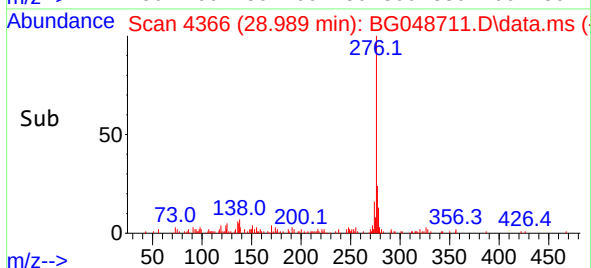
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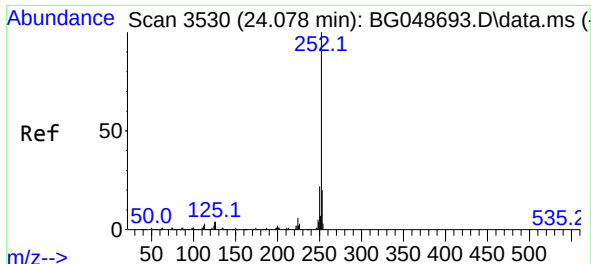


#87
Indeno(1,2,3-cd)pyrene
Concen: 7.42 ng
RT: 28.989 min Scan# 4366
Delta R.T. 0.021 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22



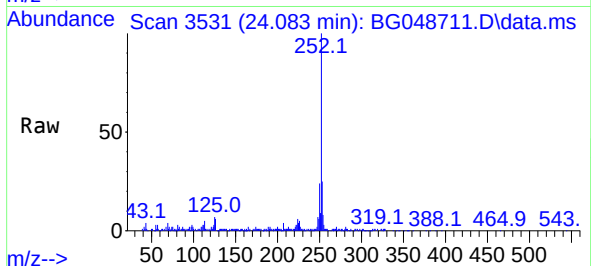
Tgt Ion:276 Resp: 84767
Ion Ratio Lower Upper
276 100
138 0.0 5.1 7.7#
277 15.0 19.8 29.6#





#88
Benzo(b)fluoranthene
Concen: 17.01 ng
RT: 24.083 min Scan# 3531
Delta R.T. 0.009 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

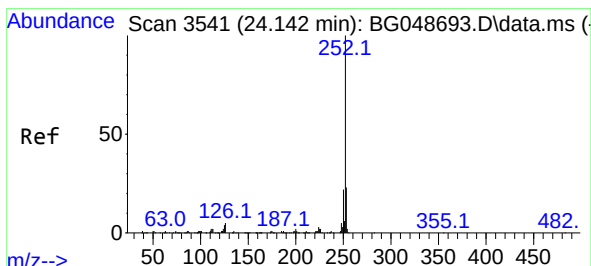
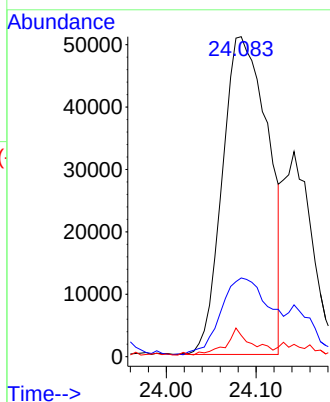
Instrument :
BNA_G
ClientSampleId :
NANUET-ST-041221DL



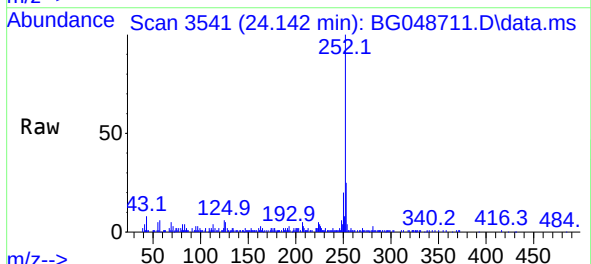
Tgt Ion:252 Resp: 179477
Ion Ratio Lower Upper
252 100
253 24.6 16.2 24.4#
125 6.6 3.0 4.4#

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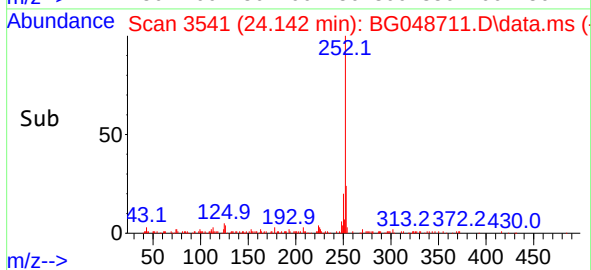
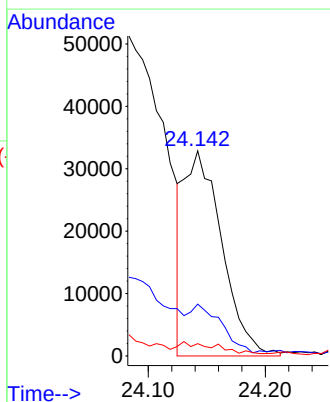
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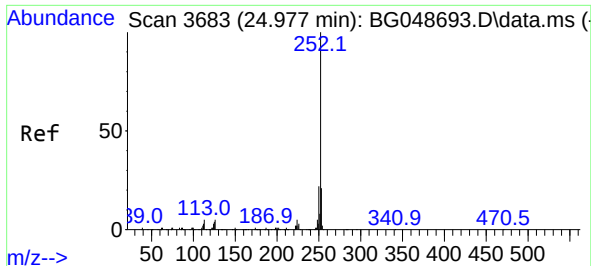


#89
Benzo(k)fluoranthene
Concen: 7.44 ng m
RT: 24.142 min Scan# 3541
Delta R.T. -0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22



Tgt Ion:252 Resp: 73819
Ion Ratio Lower Upper
252 100
253 25.3 18.0 27.0
125 6.0 3.1 4.7#





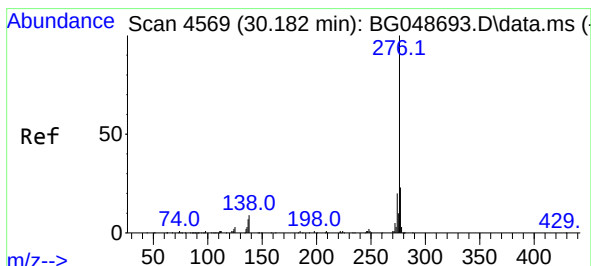
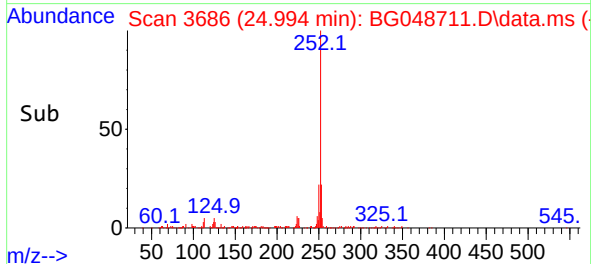
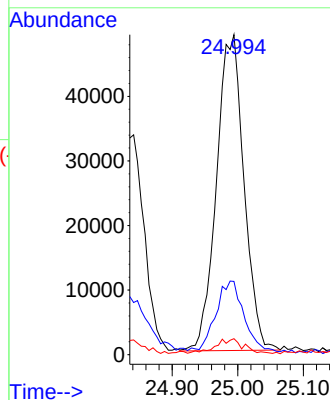
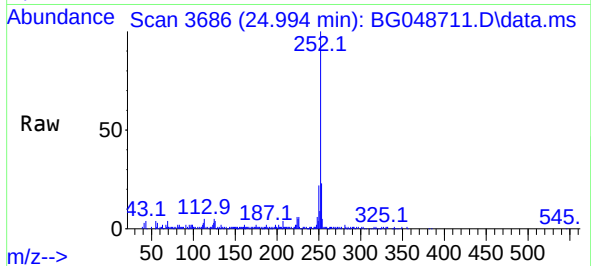
#90
Benzo(a)pyrene
Concen: 14.63 ng
RT: 24.994 min Scan# 3686
Delta R.T. 0.015 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	16.6	25.0
125	5.0	3.5	5.3

Instrument :
BNA_G
ClientSampleId :
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#92
Benzo(g,h,i)perylene
Concen: 8.20 ng m
RT: 30.176 min Scan# 4568
Delta R.T. -0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.4	27.6
138	11.0	7.0	10.6

