

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041521\
 Data File : BG048710.D
 Acq On : 15 Apr 2021 15:41
 Operator : CG/JU
 Sample : M2009-01 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-041221

Manual Integrations
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mohammad
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Quant Time: Apr 15 16:21:37 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	35289	20.00	ng	0.00
21) Naphthalene-d8	10.911	136	136909	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	79483	20.00	ng	0.00
64) Phenanthrene-d10	17.497	188	168237	20.00	ng	# 0.00
76) Chrysene-d12	21.798	240	145416	20.00	ng	0.00
86) Perylene-d12	25.141	264	146022	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	28293	13.41	ng	0.00
7) Phenol-d6	7.245	99	38184	12.79	ng	0.00
23) Nitrobenzene-d5	9.260	82	30872	10.10	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	13120	12.31	ng	0.00
45) 2-Fluorobiphenyl	13.361	172	62272	11.31	ng	0.00
79) Terphenyl-d14	20.106	244	75600	8.95	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.538	178	24400	2.79	ng	98
75) Fluoranthene	19.548	202	26679	2.42	ng	96
78) Pyrene	19.918	202	29769m	2.96	ng	

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

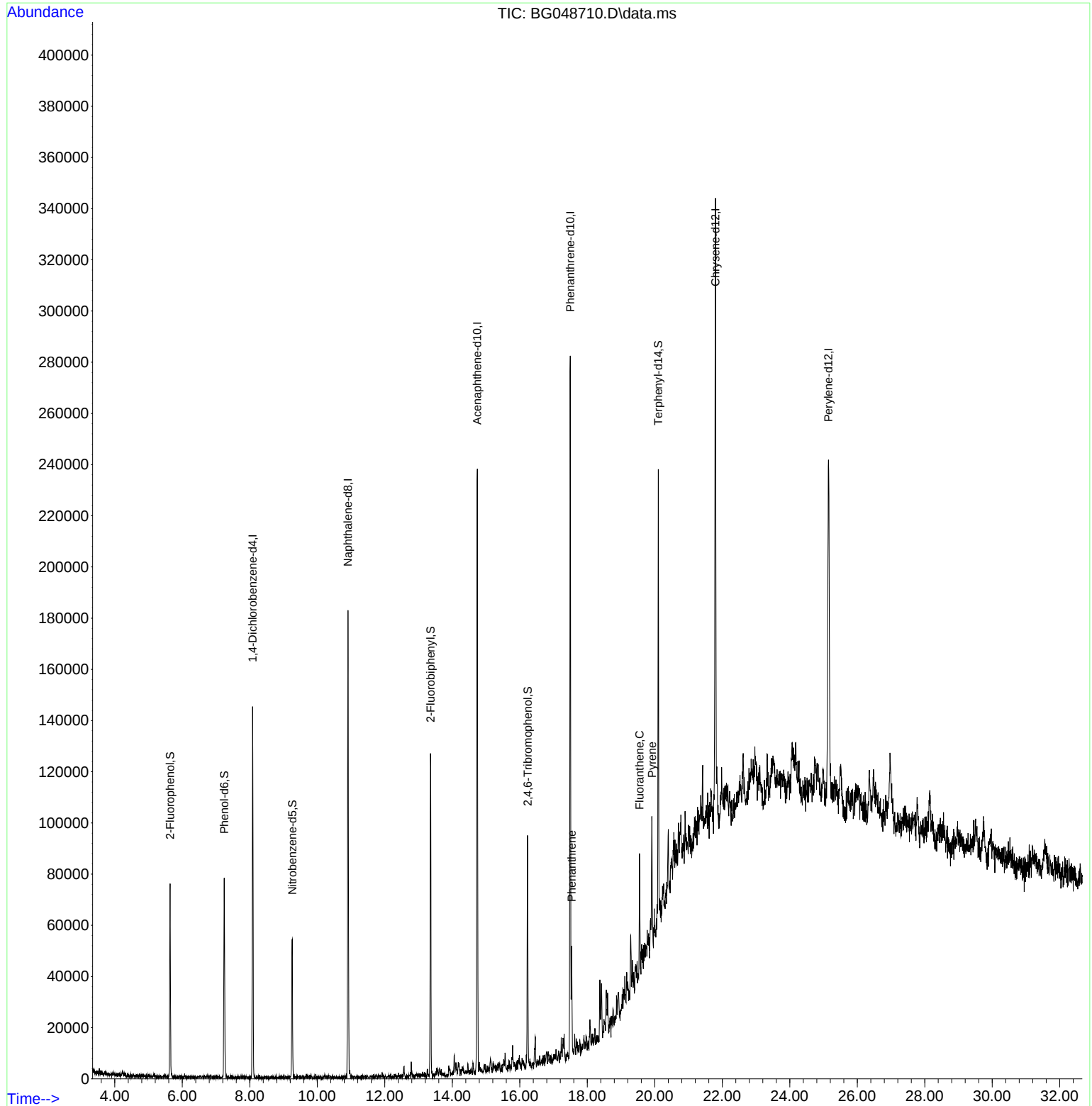
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041521\
Data File : BG048710.D
Acq On : 15 Apr 2021 15:41
Operator : CG/JU
Sample : M2009-01 5X
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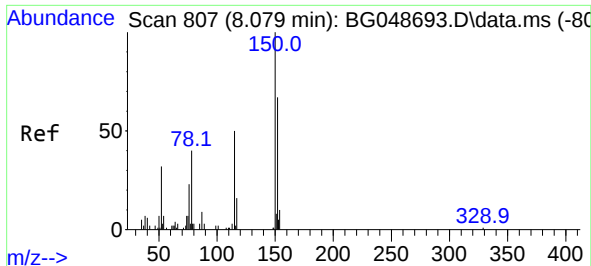
Instrument :
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ClientSampleId :
OR-02-041221

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Quant Time: Apr 15 16:21:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
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Response via : Initial Calibration





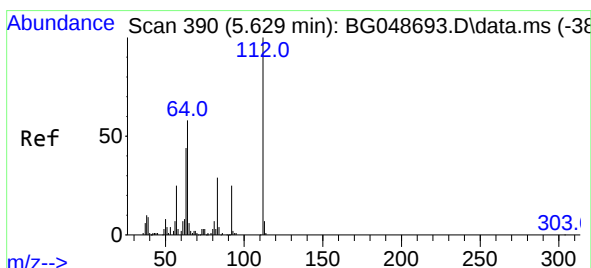
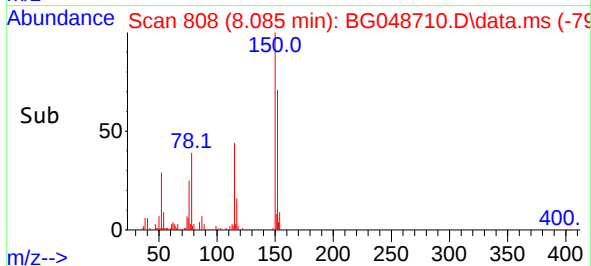
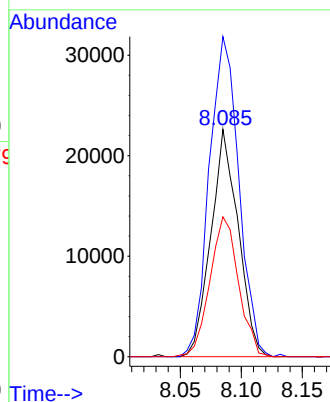
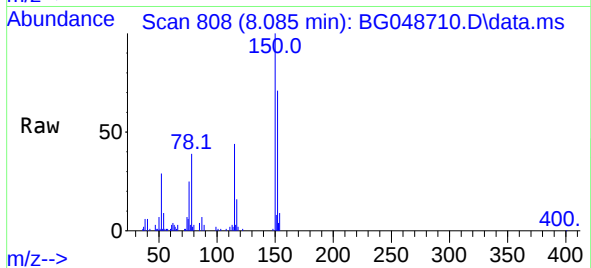
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.085 min Scan# 808
Delta R.T. -0.002 min
Lab File: BG048710.D
Acq: 15 Apr 2021 15:41

Tgt Ion:152 Resp: 35289
Ion Ratio Lower Upper
152 100
150 140.8 119.4 179.0
115 61.5 60.2 90.4

Instrument :
BNA_G
ClientSampleId :
OR-02-041221

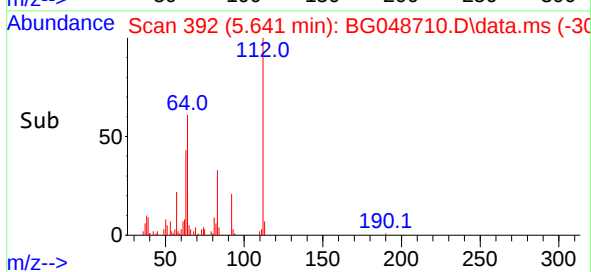
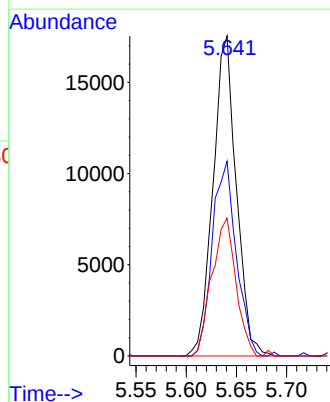
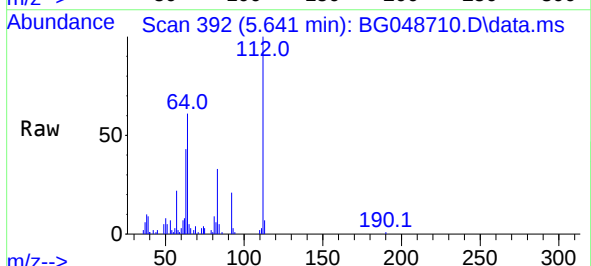
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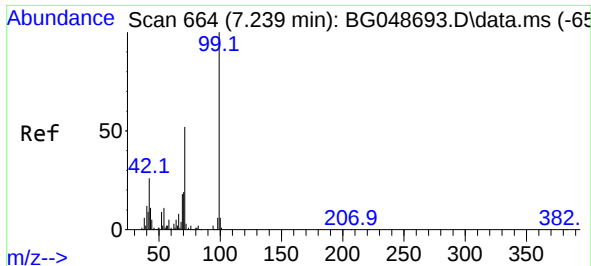
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#5
2-Fluorophenol
Concen: 13.41 ng
RT: 5.641 min Scan# 392
Delta R.T. 0.009 min
Lab File: BG048710.D
Acq: 15 Apr 2021 15:41

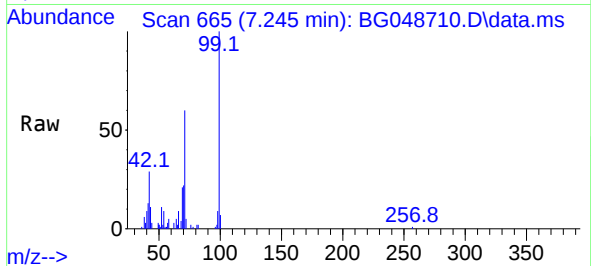
Tgt Ion:112 Resp: 28293
Ion Ratio Lower Upper
112 100
64 60.9 46.7 70.1
63 43.1 35.3 52.9





#7
Phenol-d6
Concen: 12.79 ng
RT: 7.245 min Scan# 665
Delta R.T. 0.003 min
Lab File: BG048710.D
Acq: 15 Apr 2021 15:41

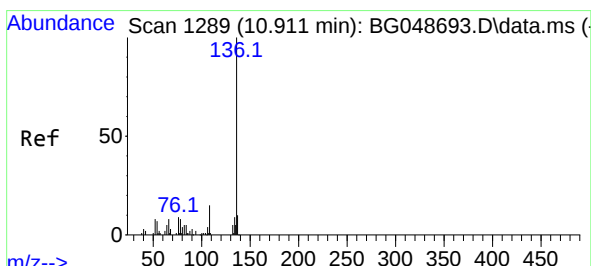
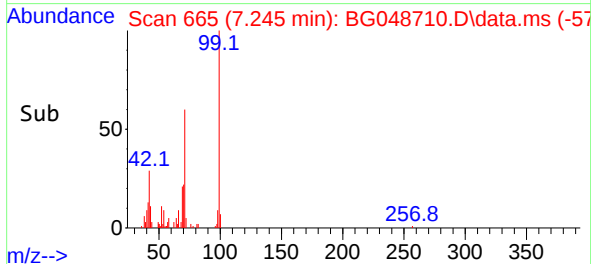
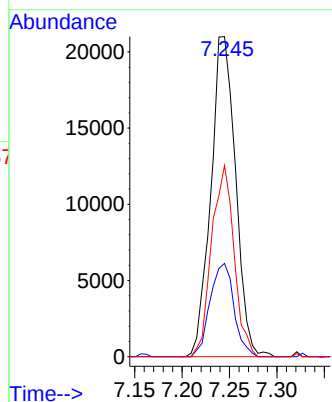
Instrument :
BNA_G
ClientSampled :
OR-02-041221



Tgt Ion: 99 Resp: 38184
Ion Ratio Lower Upper
99 100
42 29.1 20.5 30.7
71 59.8 41.5 62.3

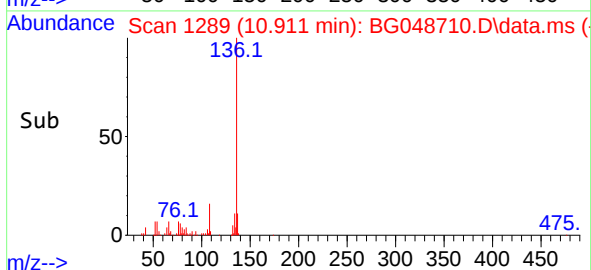
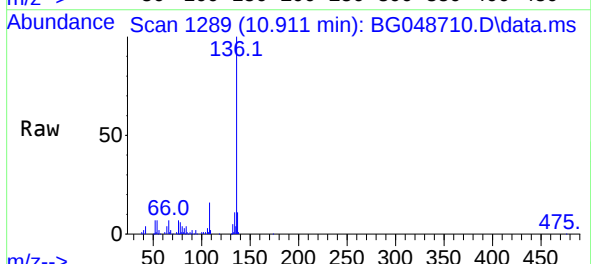
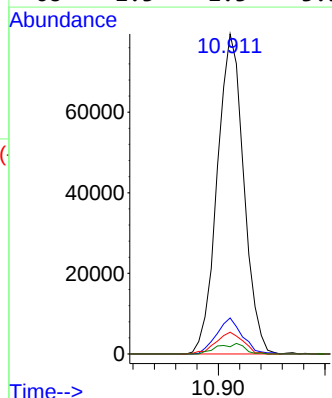
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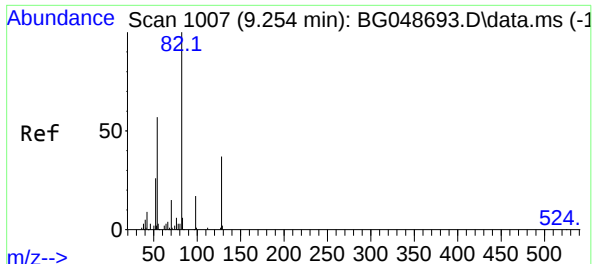
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.911 min Scan# 1289
Delta R.T. 0.003 min
Lab File: BG048710.D
Acq: 15 Apr 2021 15:41

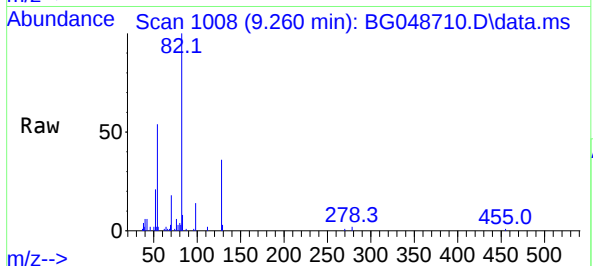
Tgt Ion: 136 Resp: 136909
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.2
54 6.8 5.5 8.3
68 2.3 2.3 3.5#





#23
Nitrobenzene-d5
Concen: 10.10 ng
RT: 9.260 min Scan# 1008
Delta R.T. 0.003 min
Lab File: BG048710.D
Acq: 15 Apr 2021 15:41

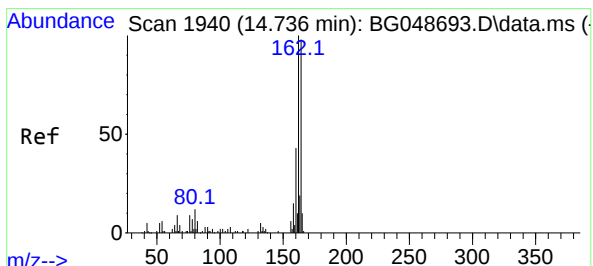
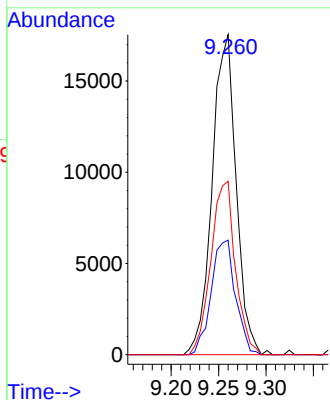
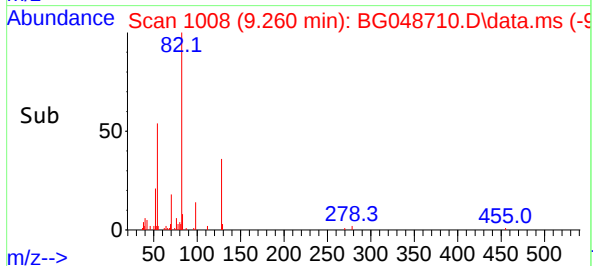
Instrument :
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ClientSampleId :
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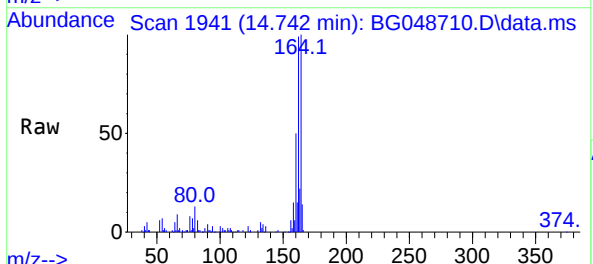
Tgt Ion: 82 Resp: 30872
Ion Ratio Lower Upper
82 100
128 35.8 29.8 44.6
54 54.2 45.8 68.8

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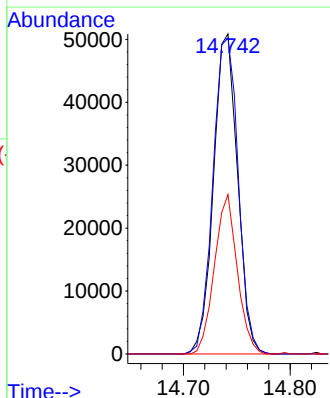
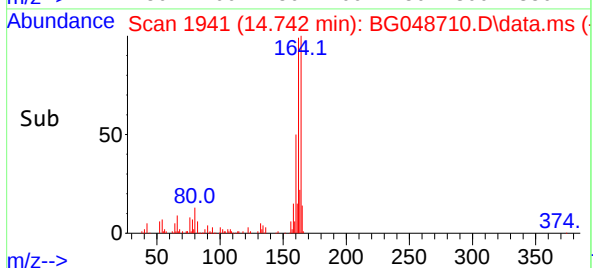
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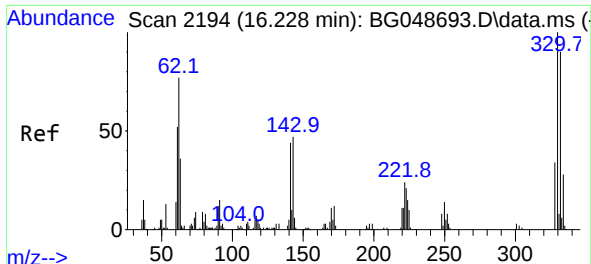


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1941
Delta R.T. 0.003 min
Lab File: BG048710.D
Acq: 15 Apr 2021 15:41



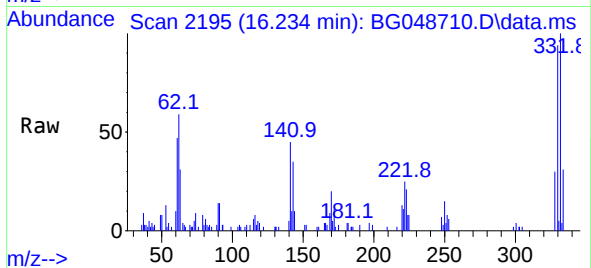
Tgt Ion: 164 Resp: 79483
Ion Ratio Lower Upper
164 100
162 98.7 81.4 122.0
160 49.8 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 12.31 ng
RT: 16.234 min Scan# 2195
Delta R.T. 0.003 min
Lab File: BG048710.D
Acq: 15 Apr 2021 15:41

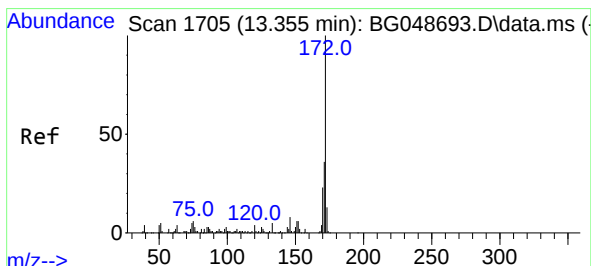
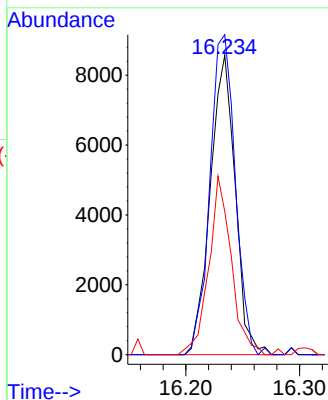
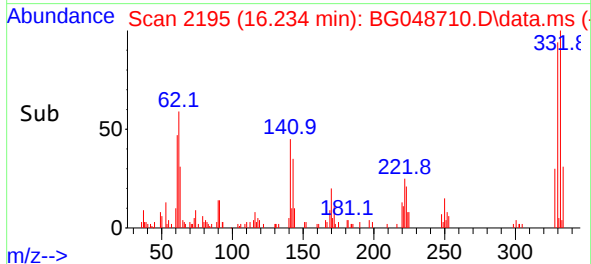
Instrument :
BNA_G
ClientSampled :
OR-02-041221



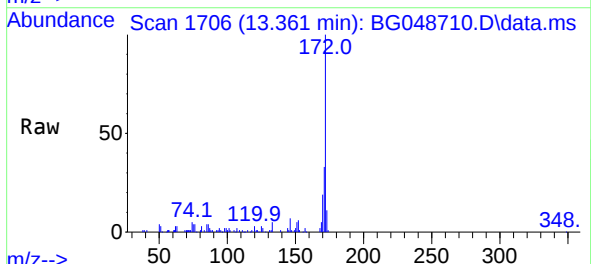
Tgt Ion:330 Resp: 13120
Ion Ratio Lower Upper
330 100
332 108.3 77.3 115.9
141 53.5 35.6 53.4#

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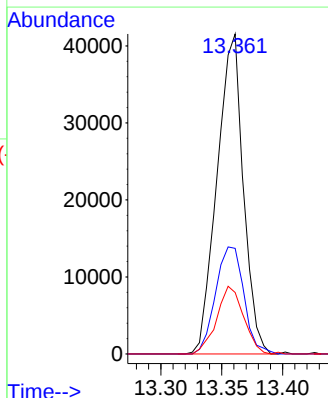
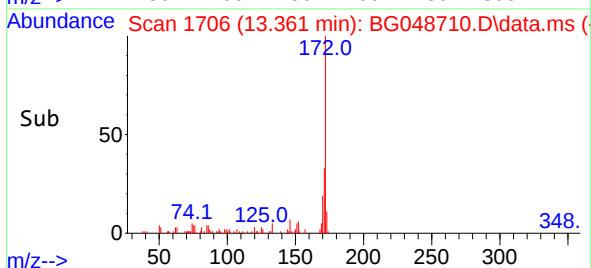
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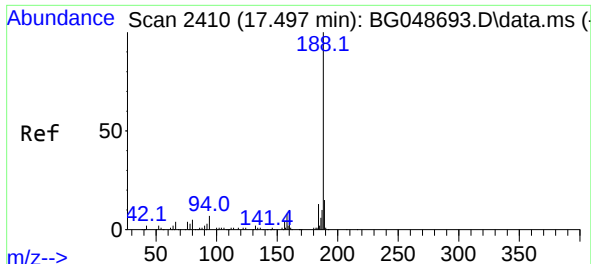


#45
2-Fluorobiphenyl
Concen: 11.31 ng
RT: 13.361 min Scan# 1706
Delta R.T. 0.003 min
Lab File: BG048710.D
Acq: 15 Apr 2021 15:41



Tgt Ion:172 Resp: 62272
Ion Ratio Lower Upper
172 100
171 33.0 28.6 43.0
170 19.2 18.6 27.8





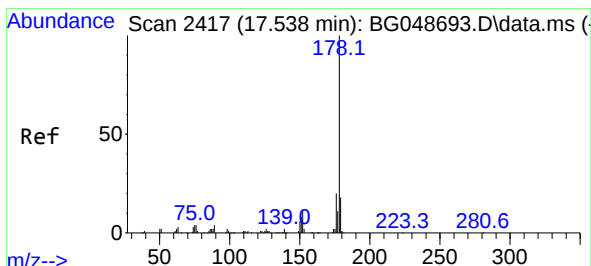
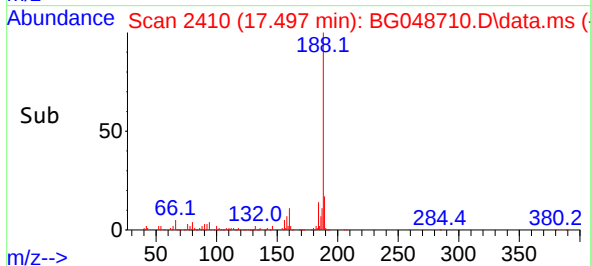
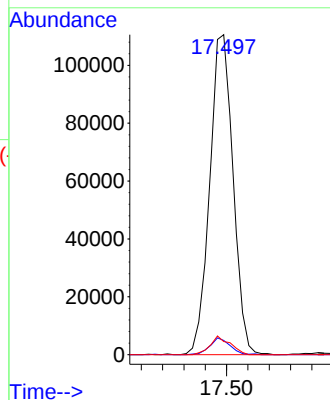
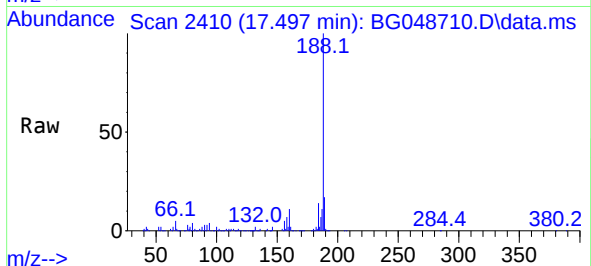
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.497 min Scan# 2410
Delta R.T. 0.003 min
Lab File: BG048710.D
Acq: 15 Apr 2021 15:41

Tgt Ion:188 Resp: 168237
Ion Ratio Lower Upper
188 100
94 4.5 5.4 8.0#
80 4.1 3.7 5.5

Instrument :
BNA_G
ClientSampleId :
OR-02-041221

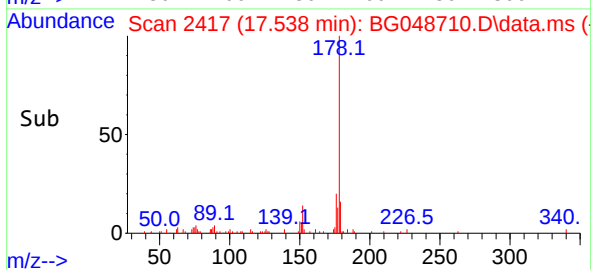
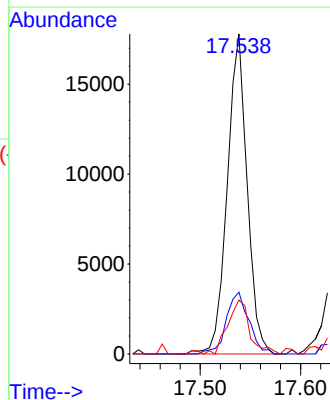
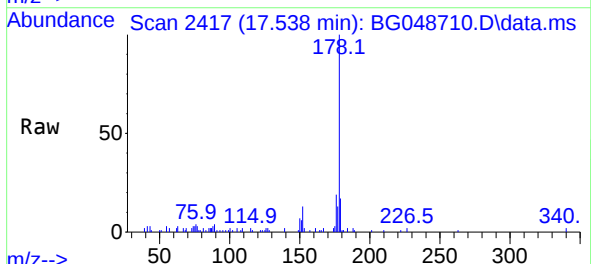
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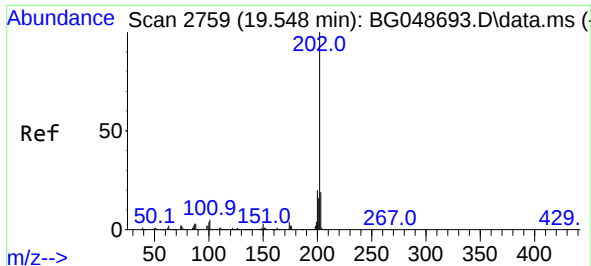
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#71
Phenanthrene
Concen: 2.79 ng
RT: 17.538 min Scan# 2417
Delta R.T. 0.003 min
Lab File: BG048710.D
Acq: 15 Apr 2021 15:41

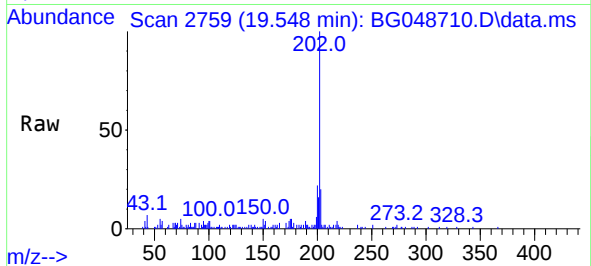
Tgt Ion:178 Resp: 24400
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 16.9 14.2 21.4





#75
Fluoranthene
Concen: 2.42 ng
RT: 19.548 min Scan# 2759
Delta R.T. -0.002 min
Lab File: BG048710.D
Acq: 15 Apr 2021 15:41

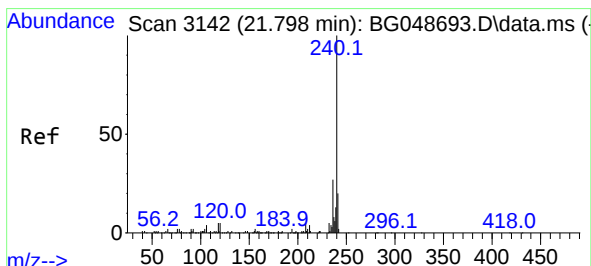
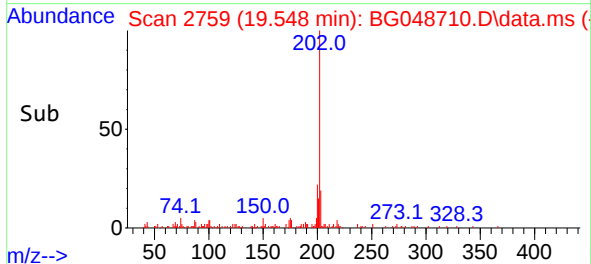
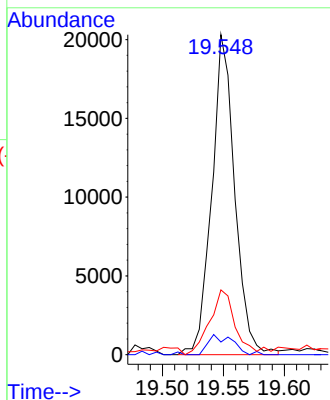
Instrument :
BNA_G
ClientSampleId :
OR-02-041221



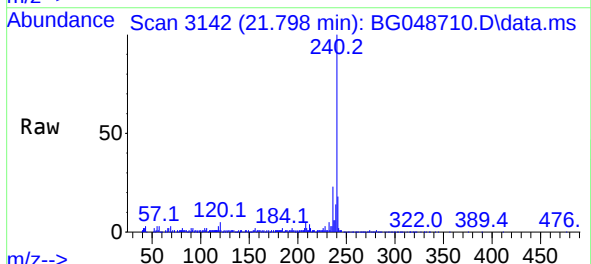
Tgt Ion:202 Resp: 26679
Ion Ratio Lower Upper
202 100
101 3.9 0.0 24.7
203 20.2 0.0 38.5

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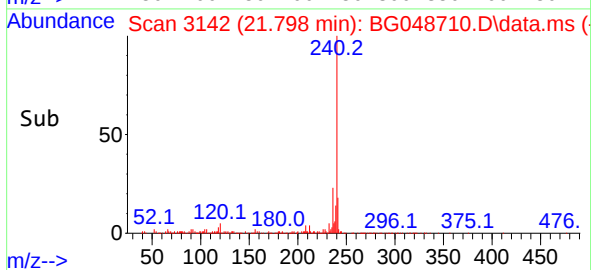
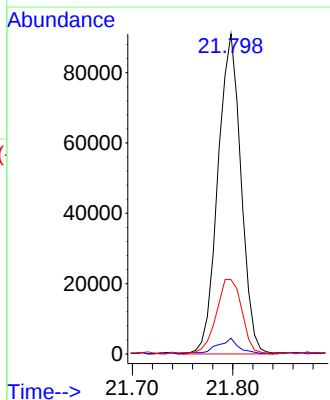
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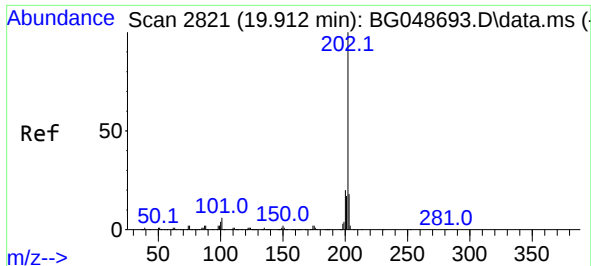


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.798 min Scan# 3142
Delta R.T. 0.003 min
Lab File: BG048710.D
Acq: 15 Apr 2021 15:41

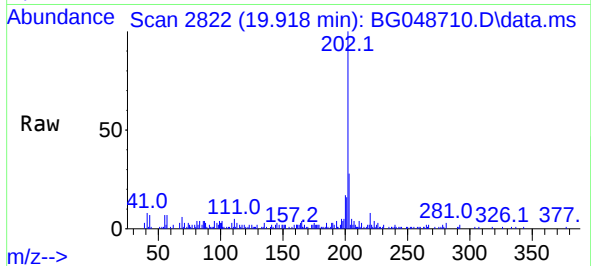


Tgt Ion:240 Resp: 145416
Ion Ratio Lower Upper
240 100
120 4.9 4.2 6.2
236 23.2 21.8 32.6

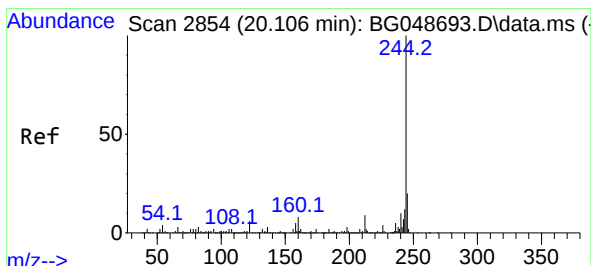
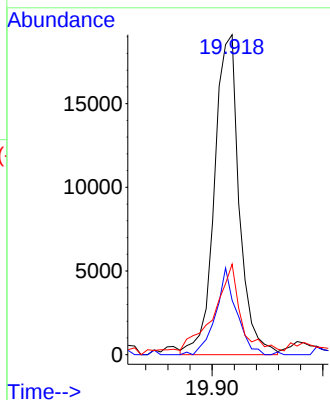
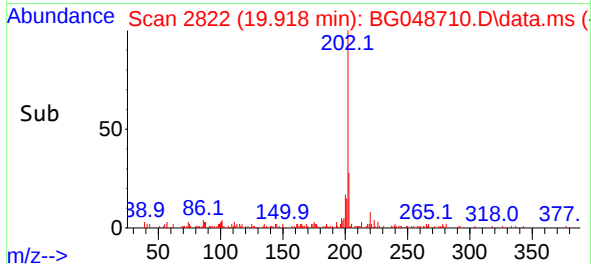




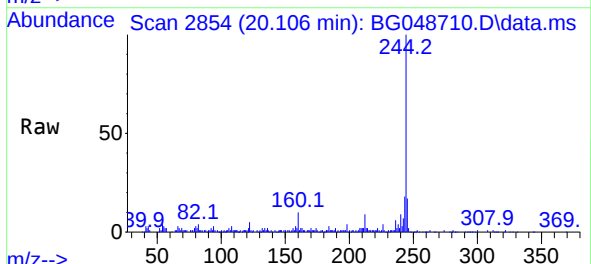
#78
Pyrene
Concen: 2.96 ng m
RT: 19.918 min Scan# 2822
Delta R.T. 0.003 min
Lab File: BG048710.D
Acq: 15 Apr 2021 15:41



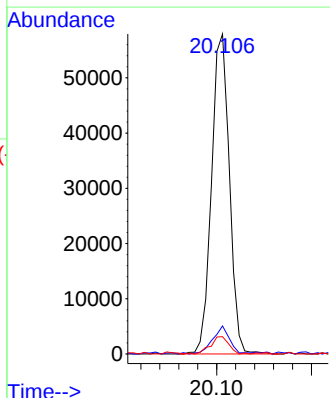
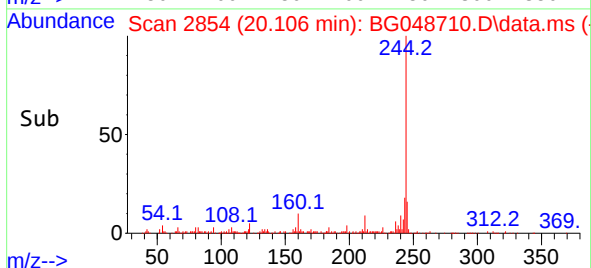
Tgt Ion:202 Resp: 29769
Ion Ratio Lower Upper
202 100
200 17.0 15.8 23.8
203 28.3 14.6 21.8#



#79
Terphenyl-d14
Concen: 8.95 ng
RT: 20.106 min Scan# 2854
Delta R.T. -0.003 min
Lab File: BG048710.D
Acq: 15 Apr 2021 15:41



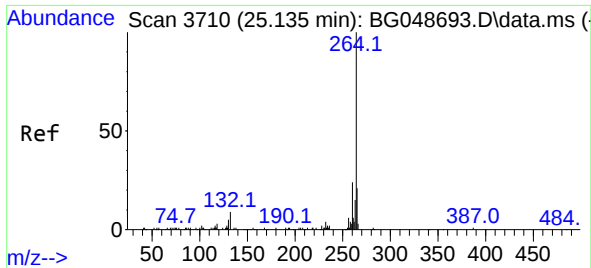
Tgt Ion:244 Resp: 75600
Ion Ratio Lower Upper
244 100
212 8.7 6.9 10.3
122 5.4 5.0 7.6



Instrument :
BNA_G
ClientSampleId :
OR-02-041221

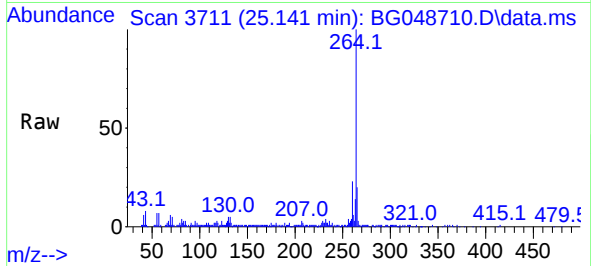
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.141 min Scan# 3711
 Delta R.T. 0.003 min
 Lab File: BG048710.D
 Acq: 15 Apr 2021 15:41

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-041221



Tgt Ion:	264	Resp:	146022
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.4	29.2
265	20.4	16.9	25.3

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