

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
 Data File : BG048789.D
 Acq On : 20 Apr 2021 8:26
 Operator : CG/JU
 Sample : M2076-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-14-0-2.0

Quant Time: Apr 20 09:03:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 15:59:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.079	152	17436	20.00	ng	0.00
21) Naphthalene-d8	10.905	136	77604	20.00	ng	# 0.00
39) Acenaphthene-d10	14.730	164	55486	20.00	ng	-0.01
64) Phenanthrene-d10	17.485	188	132443	20.00	ng	-0.01
76) Chrysene-d12	21.786	240	129438	20.00	ng	-0.01
86) Perylene-d12	25.123	264	130023	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.623	112	108642	104.21	ng	0.00
7) Phenol-d6	7.233	99	145004	98.33	ng	0.00
23) Nitrobenzene-d5	9.248	82	111918	64.57	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	68343	91.86	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	246558	64.17	ng	0.00
79) Terphenyl-d14	20.100	244	437401	58.16	ng	0.00

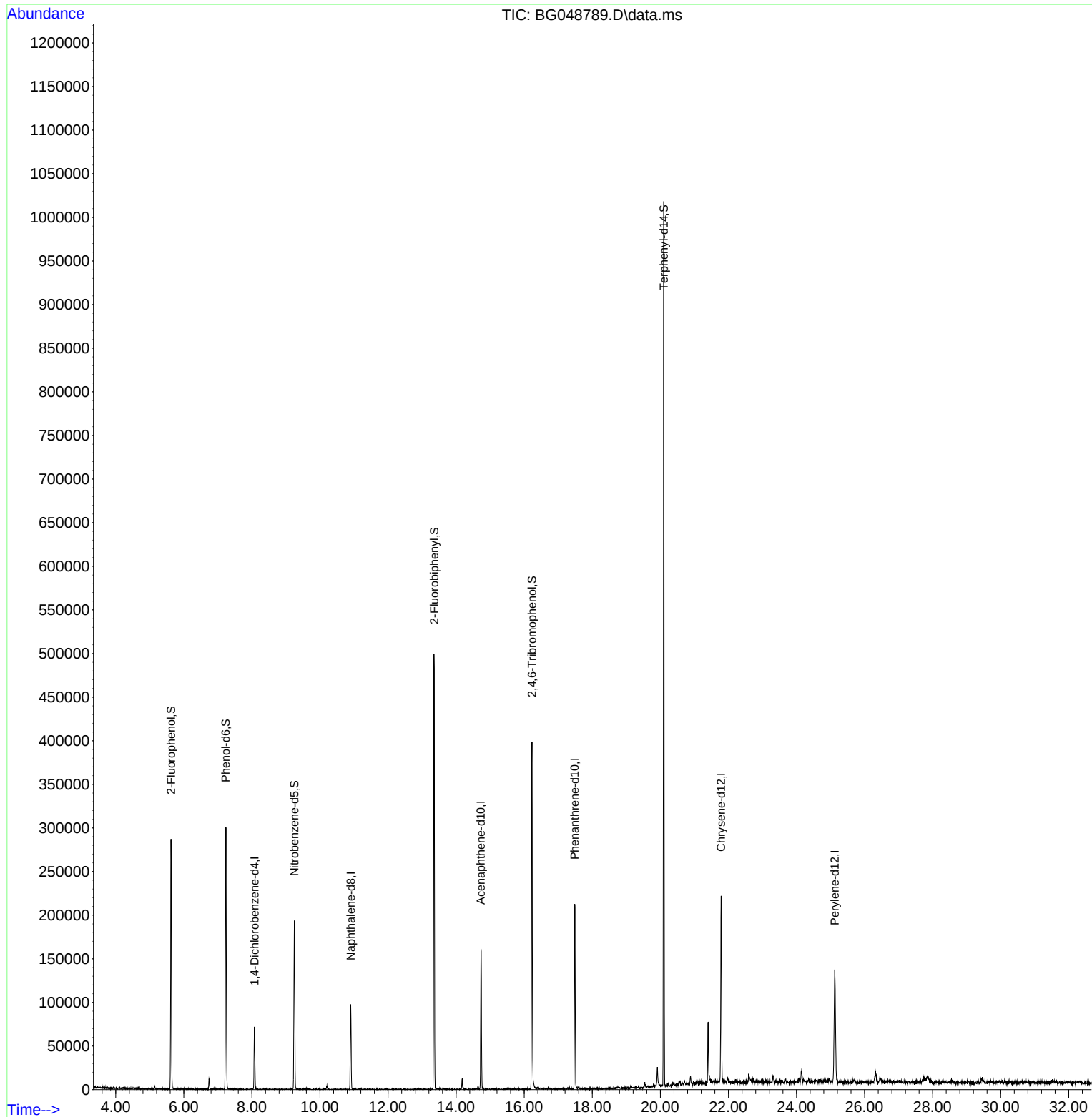
Target Compounds	Qvalue

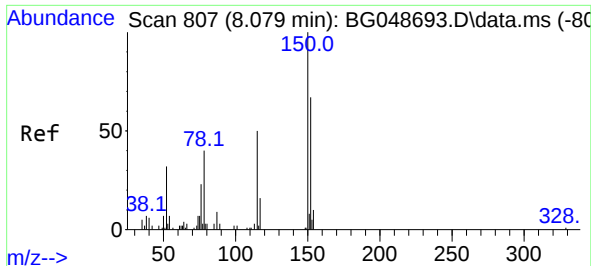
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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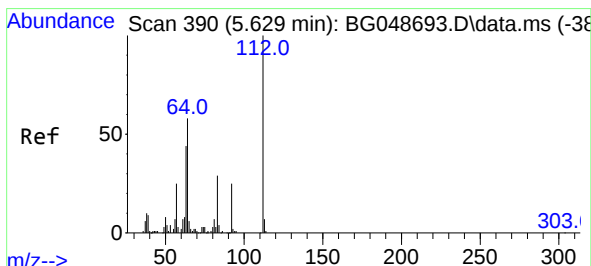
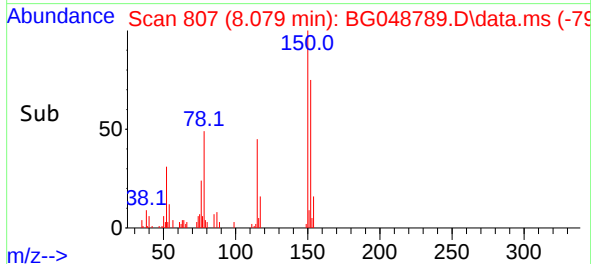
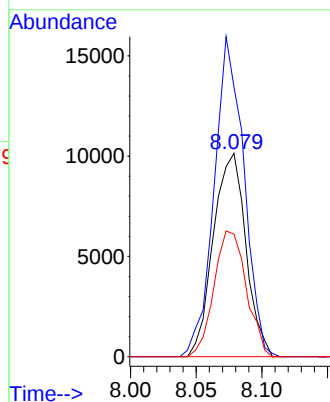
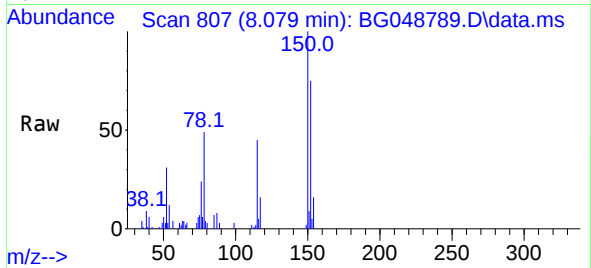




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.079 min Scan# 807
Delta R.T. -0.001 min
Lab File: BG048789.D
Acq: 20 Apr 2021 8:26

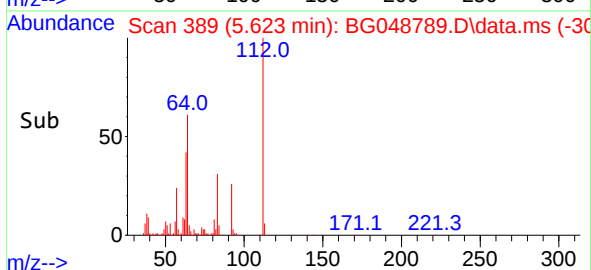
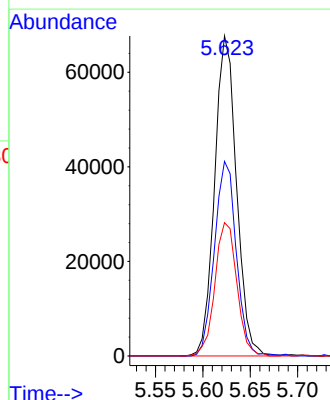
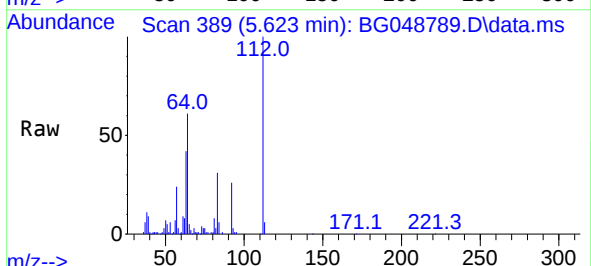
Instrument :
BNA_G
ClientSampleId :
SB-14-0-2.0

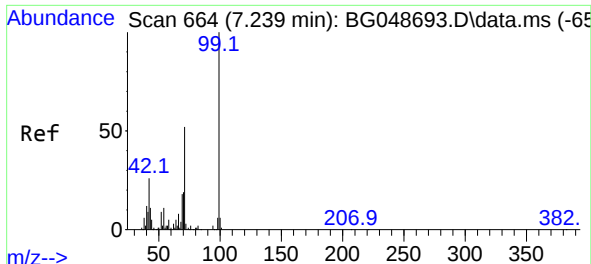
Tgt Ion:152 Resp: 17436
Ion Ratio Lower Upper
152 100
150 132.7 119.4 179.0
115 60.3 60.2 90.4



#5
2-Fluorophenol
Concen: 104.21 ng
RT: 5.623 min Scan# 389
Delta R.T. -0.007 min
Lab File: BG048789.D
Acq: 20 Apr 2021 8:26

Tgt Ion:112 Resp: 108642
Ion Ratio Lower Upper
112 100
64 60.8 46.7 70.1
63 41.6 35.3 52.9

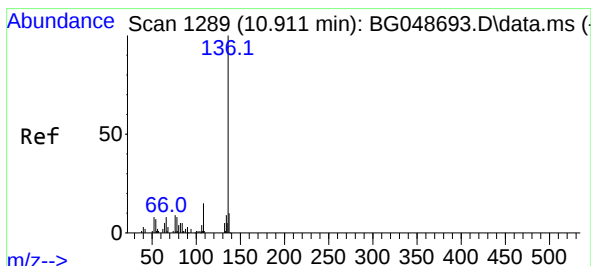
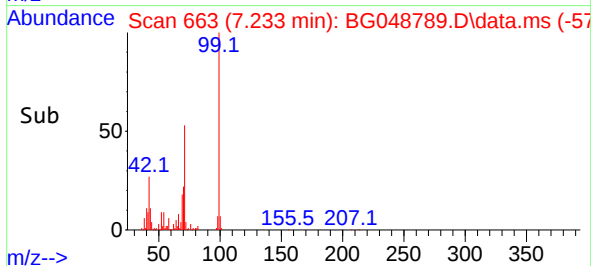
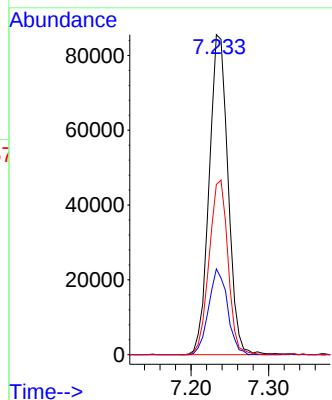
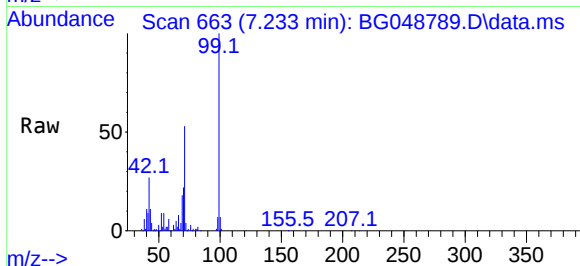




#7
Phenol-d6
Concen: 98.33 ng
RT: 7.233 min Scan# 663
Delta R.T. -0.007 min
Lab File: BG048789.D
Acq: 20 Apr 2021 8:26

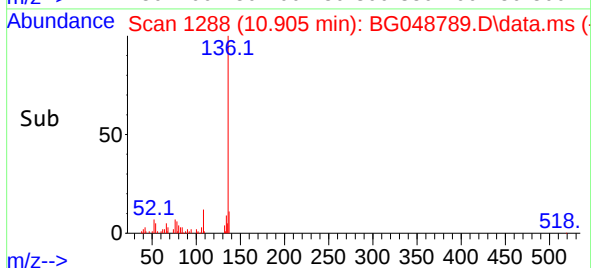
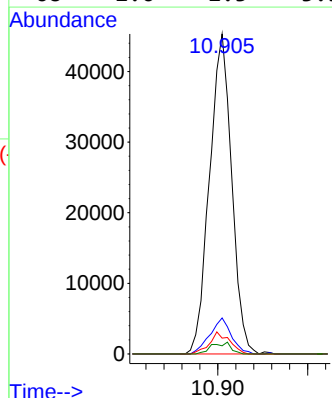
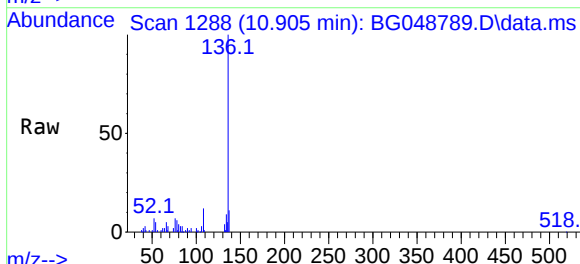
Instrument :
BNA_G
ClientSampleId :
SB-14-0-2.0

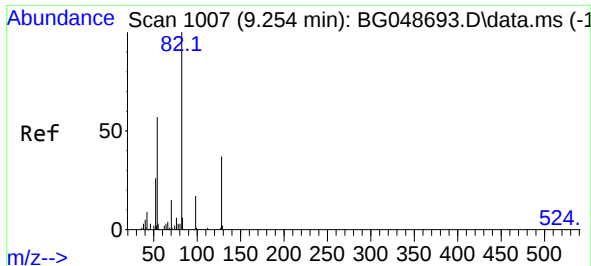
Tgt Ion: 99 Resp: 145004
Ion Ratio Lower Upper
99 100
42 26.8 20.5 30.7
71 53.2 41.5 62.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.905 min Scan# 1288
Delta R.T. -0.007 min
Lab File: BG048789.D
Acq: 20 Apr 2021 8:26

Tgt Ion:136 Resp: 77604
Ion Ratio Lower Upper
136 100
137 11.3 8.2 12.2
54 5.0 5.5 8.3#
68 2.6 2.3 3.5

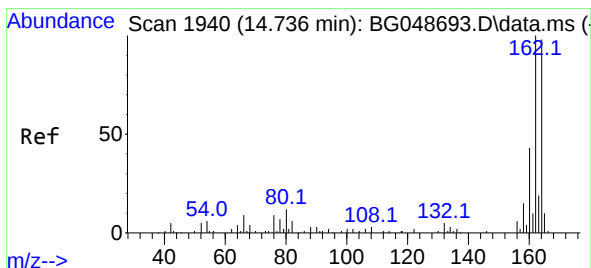
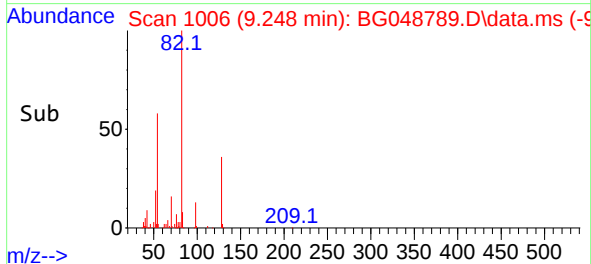
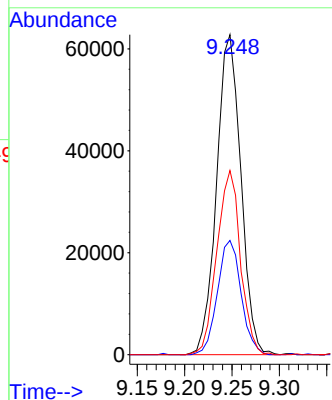
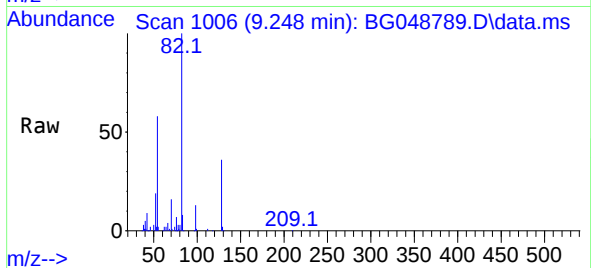




#23
Nitrobenzene-d5
Concen: 64.57 ng
RT: 9.248 min Scan# 1006
Delta R.T. -0.007 min
Lab File: BG048789.D
Acq: 20 Apr 2021 8:26

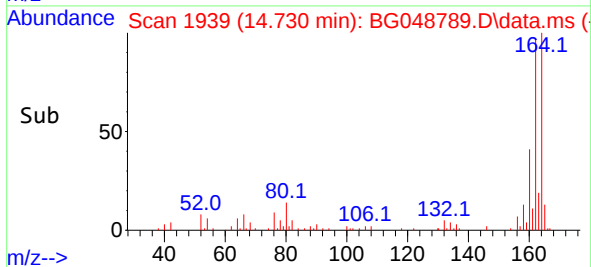
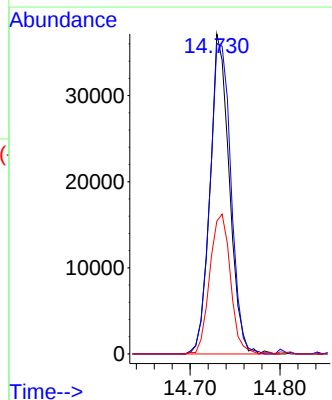
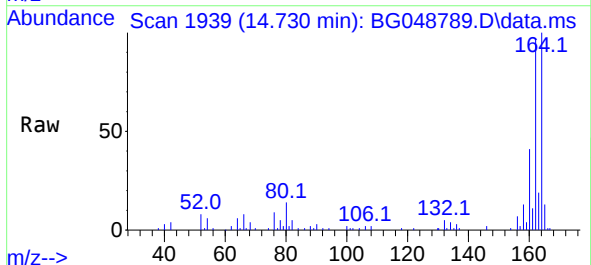
Instrument :
BNA_G
ClientSampleId :
SB-14-0-2.0

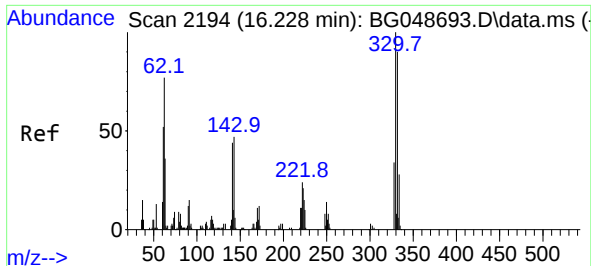
Tgt Ion: 82 Resp: 111918
Ion Ratio Lower Upper
82 100
128 35.7 29.8 44.6
54 57.5 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.730 min Scan# 1939
Delta R.T. -0.013 min
Lab File: BG048789.D
Acq: 20 Apr 2021 8:26

Tgt Ion:164 Resp: 55486
Ion Ratio Lower Upper
164 100
162 97.0 81.4 122.0
160 41.5 34.9 52.3

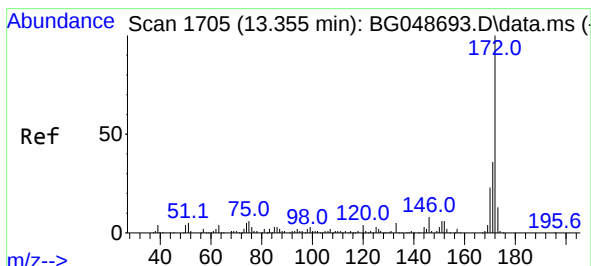
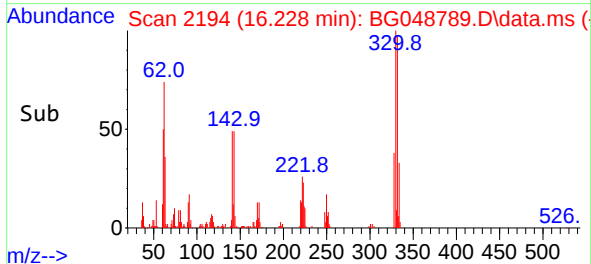
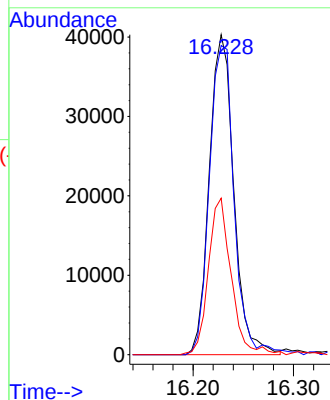
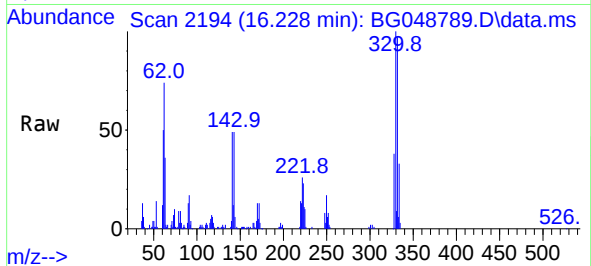




#42
2,4,6-Tribromophenol
Concen: 91.86 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.007 min
Lab File: BG048789.D
Acq: 20 Apr 2021 8:26

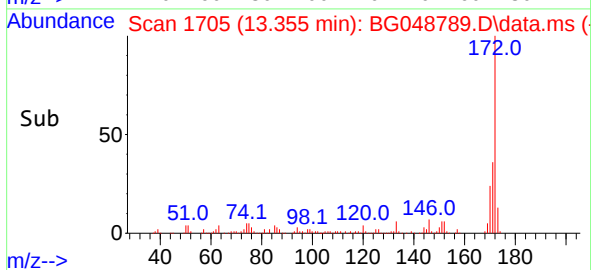
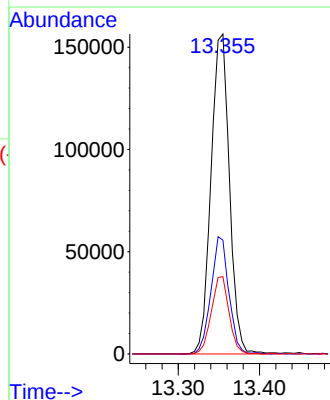
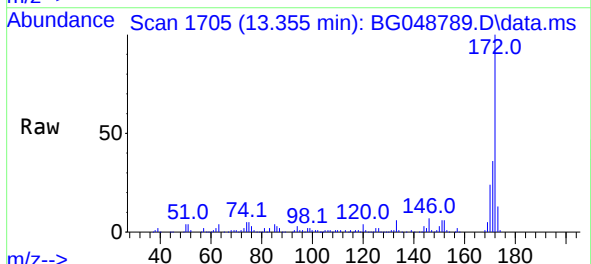
Instrument :
BNA_G
ClientSampleId :
SB-14-0-2.0

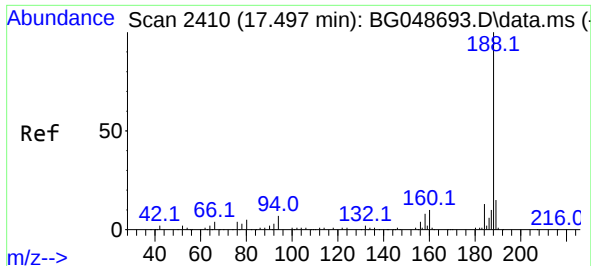
Tgt Ion:	330	Resp:	68343
Ion Ratio	Lower	Upper	
330	100		
332	97.9	77.3	115.9
141	45.6	35.6	53.4



#45
2-Fluorobiphenyl
Concen: 64.17 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.001 min
Lab File: BG048789.D
Acq: 20 Apr 2021 8:26

Tgt Ion:	172	Resp:	246558
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.6	43.0
170	24.1	18.6	27.8

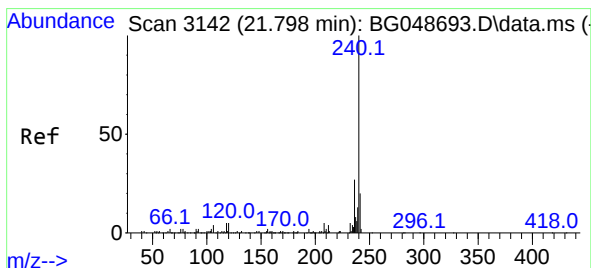
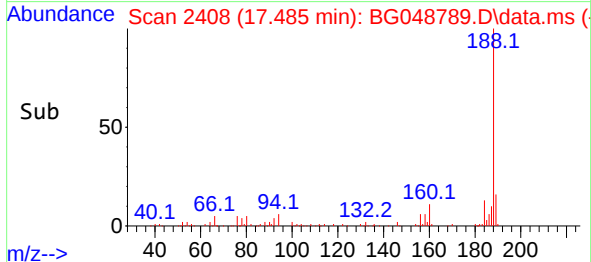
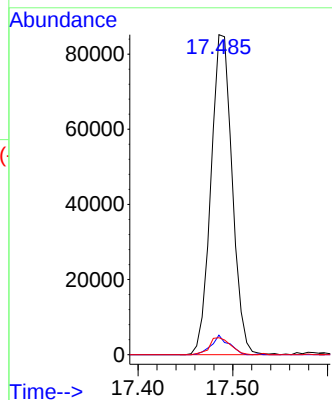
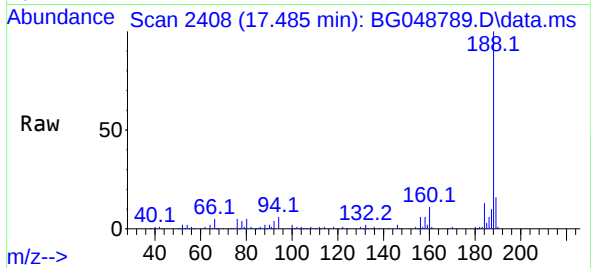




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.485 min Scan# 2408
Delta R.T. -0.013 min
Lab File: BG048789.D
Acq: 20 Apr 2021 8:26

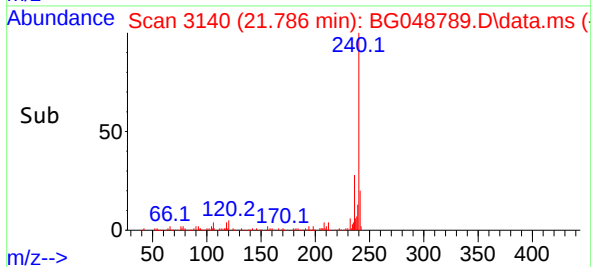
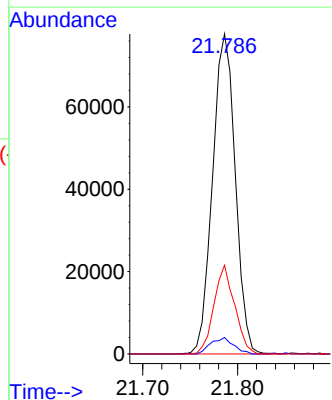
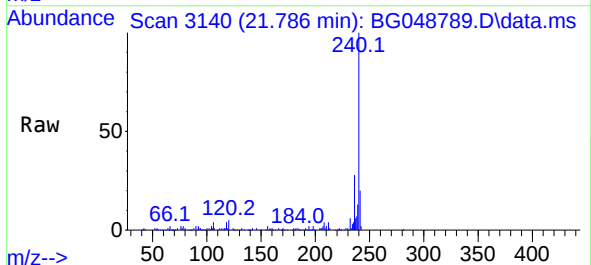
Instrument :
BNA_G
ClientSampleId :
SB-14-0-2.0

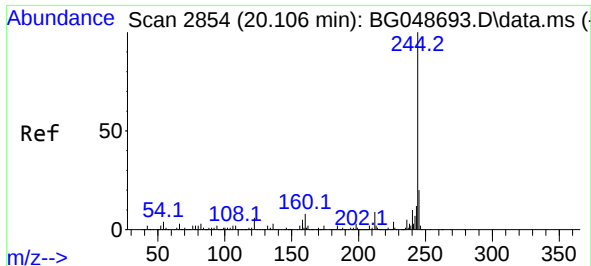
Tgt Ion:188 Resp: 132443
Ion Ratio Lower Upper
188 100
94 6.1 5.4 8.0
80 5.3 3.7 5.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.786 min Scan# 3140
Delta R.T. -0.013 min
Lab File: BG048789.D
Acq: 20 Apr 2021 8:26

Tgt Ion:240 Resp: 129438
Ion Ratio Lower Upper
240 100
120 5.1 4.2 6.2
236 27.8 21.8 32.6



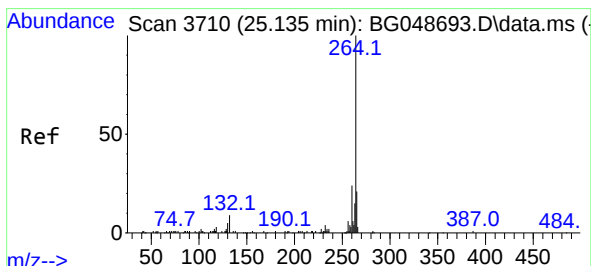
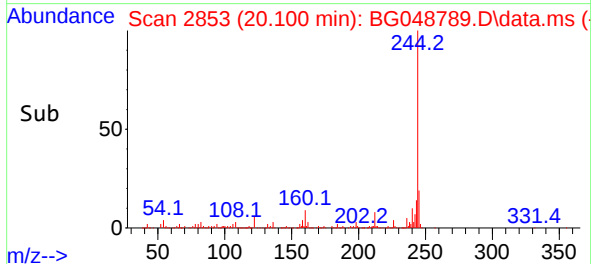
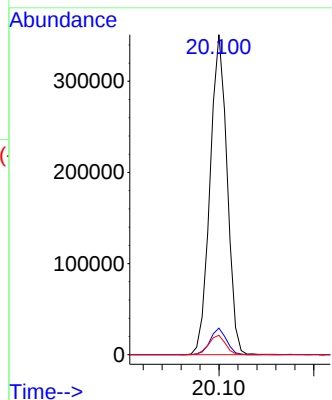
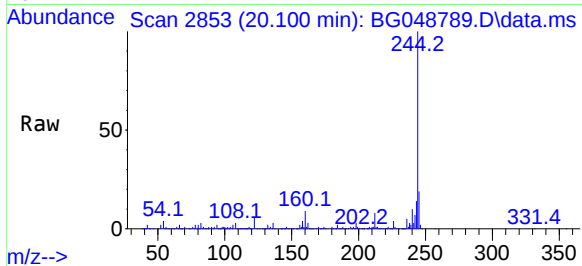


#79
 Terphenyl-d14
 Concen: 58.16 ng
 RT: 20.100 min Scan# 2853
 Delta R.T. -0.007 min
 Lab File: BG048789.D
 Acq: 20 Apr 2021 8:26

Instrument :
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 SB-14-0-2.0

Tgt Ion:244 Resp: 437401

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	6.1	5.0	7.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.123 min Scan# 3708
 Delta R.T. -0.019 min
 Lab File: BG048789.D
 Acq: 20 Apr 2021 8:26

Tgt Ion:264 Resp: 130023

Ion	Ratio	Lower	Upper
264	100		
260	21.4	19.4	29.2
265	23.5	16.9	25.3

