

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
 Data File : BG047280.D
 Acq On : 10 Nov 2020 22:26
 Operator : CG/JU
 Sample : L4671-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2B

Quant Time: Nov 11 02:01:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 04 16:19:40 2020
 Response via : Initial Calibration

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

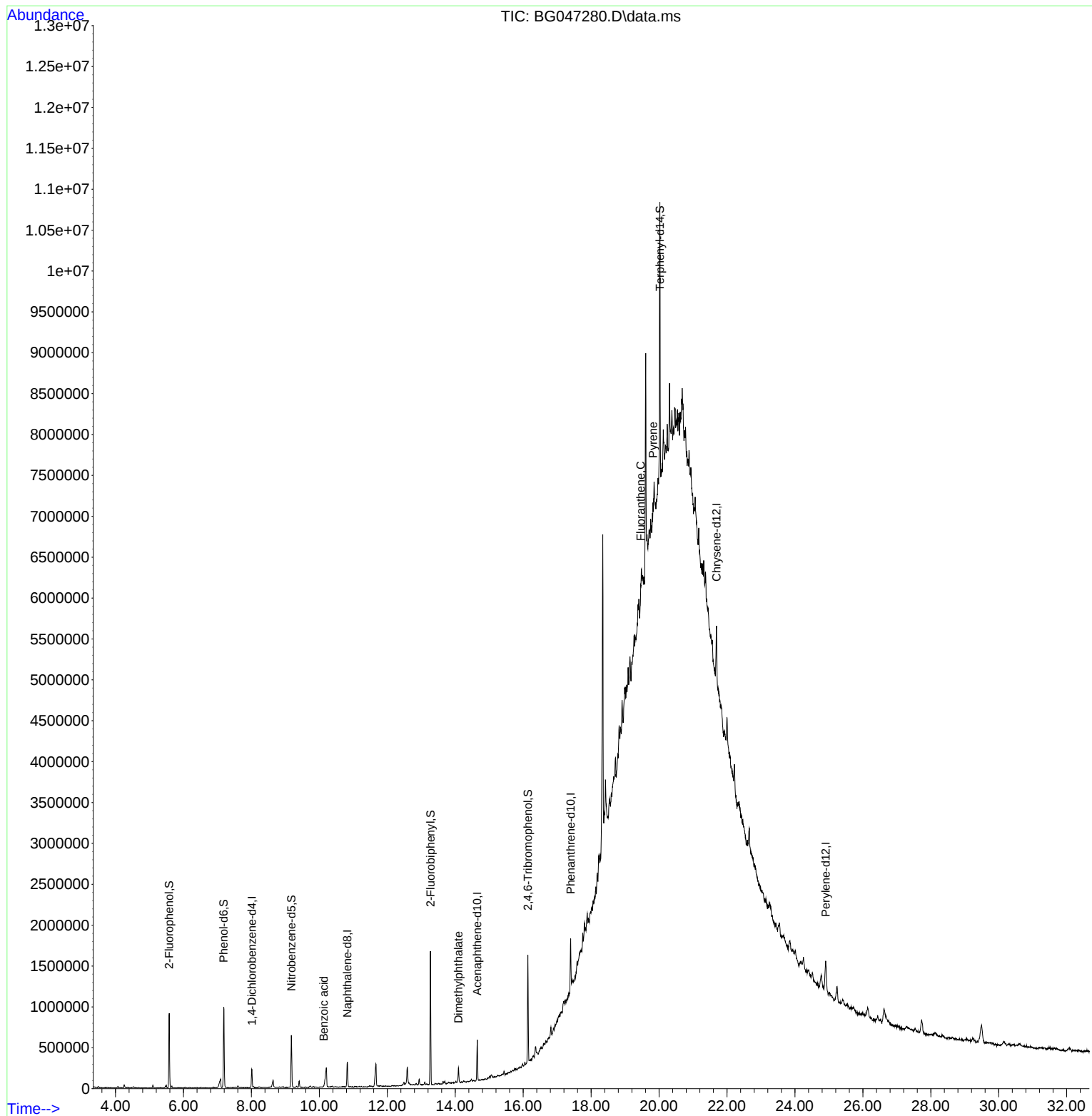
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.015	152	62478	20.00	ng	0.00
21) Naphthalene-d8	10.823	136	248915	20.00	ng	# 0.00
39) Acenaphthene-d10	14.648	164	166600	20.00	ng	0.00
64) Phenanthrene-d10	17.398	188	338445	20.00	ng	0.00
76) Chrysene-d12	21.693	240	366641	20.00	ng	0.05
86) Perylene-d12	24.907	264	344533	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.582	112	365327	94.78	ng	0.02
7) Phenol-d6	7.186	99	510771	91.54	ng	0.03
23) Nitrobenzene-d5	9.178	82	357560	61.65	ng	0.00
42) 2,4,6-Tribromophenol	16.141	330	248454	89.06	ng	0.00
45) 2-Fluorobiphenyl	13.273	172	833533	64.17	ng	0.00
79) Terphenyl-d14	20.024	244	1262636	60.56	ng	0.03
Target Compounds						
32) Benzoic acid	10.130	122	3923	5.92	ng	# 72
50) Dimethylphthalate	14.096	163	87997	5.98	ng	100
75) Fluoranthene	19.460	202	50384	2.01	ng	# 40
78) Pyrene	19.824	202	55664	2.18	ng	# 15

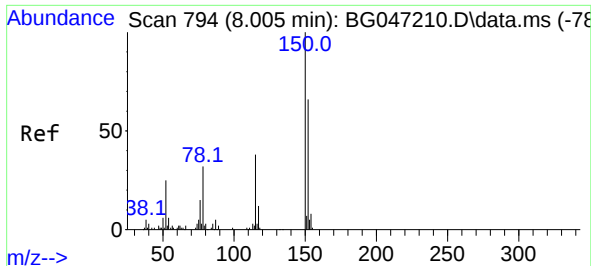
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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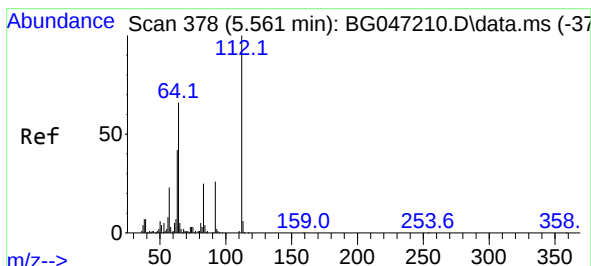
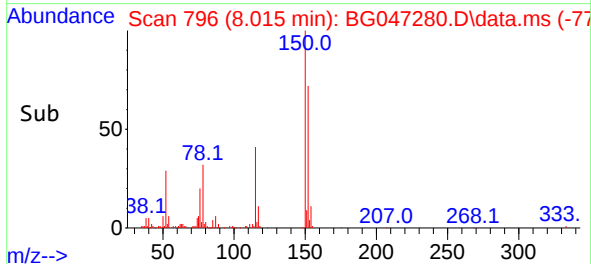
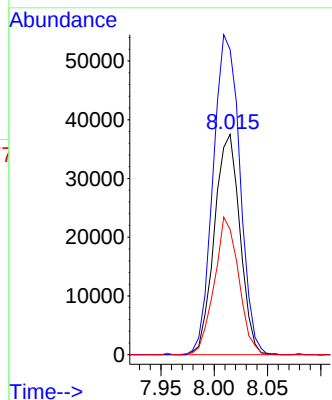
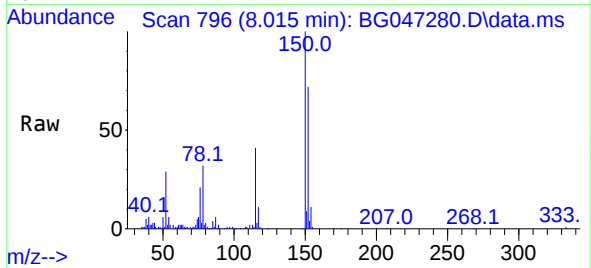




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.015 min Scan# 796
Delta R.T. 0.010 min
Lab File: BG047280.D
Acq: 10 Nov 2020 22:26

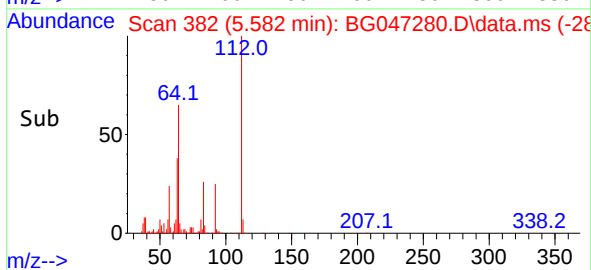
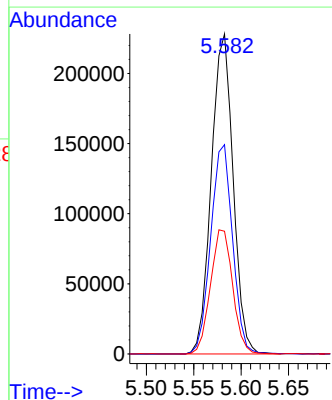
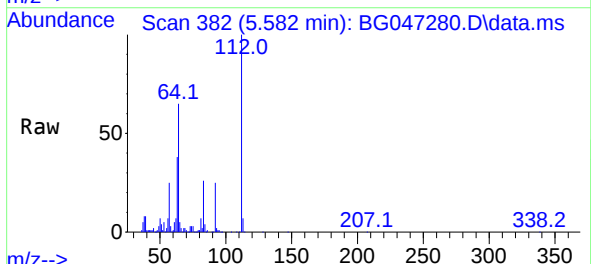
Instrument :
BNA_G
ClientSampleId :
2B

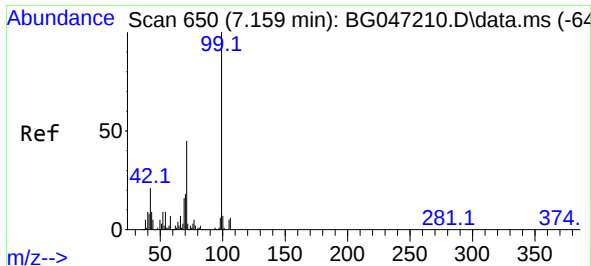
Tgt Ion:152 Resp: 62478
Ion Ratio Lower Upper
152 100
150 138.5 125.0 187.6
115 56.7 41.8 62.6



#5
2-Fluorophenol
Concen: 94.78 ng
RT: 5.582 min Scan# 382
Delta R.T. 0.021 min
Lab File: BG047280.D
Acq: 10 Nov 2020 22:26

Tgt Ion:112 Resp: 365327
Ion Ratio Lower Upper
112 100
64 65.4 46.7 70.1
63 38.3 22.8 34.2#

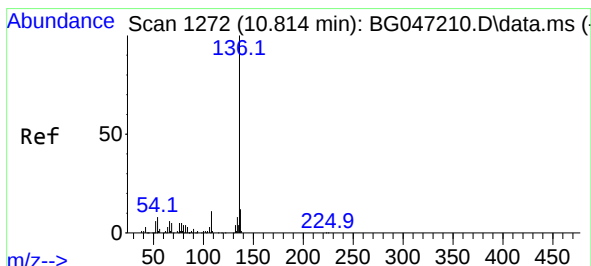
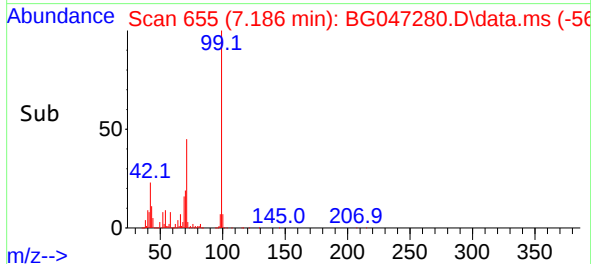
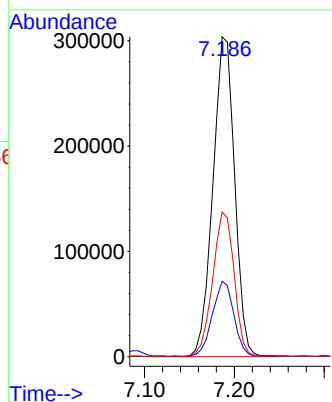
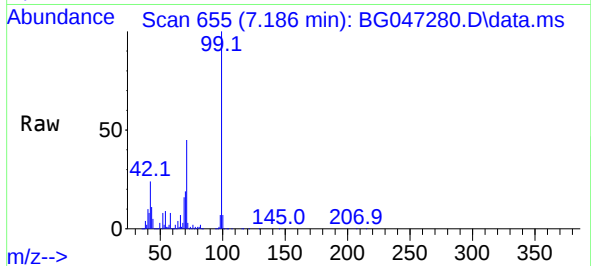




#7
Phenol-d6
Concen: 91.54 ng
RT: 7.186 min Scan# 655
Delta R.T. 0.027 min
Lab File: BG047280.D
Acq: 10 Nov 2020 22:26

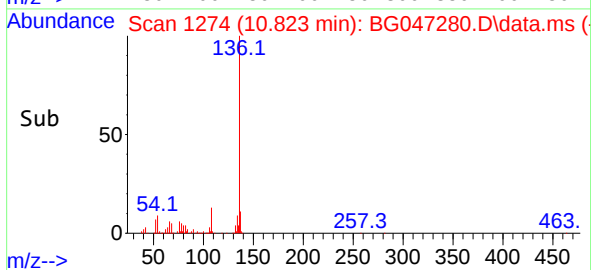
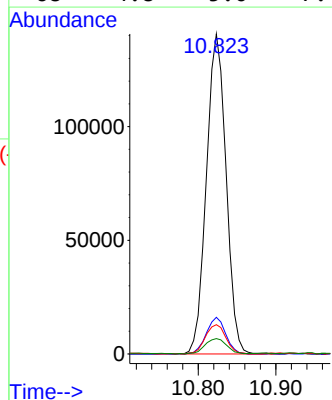
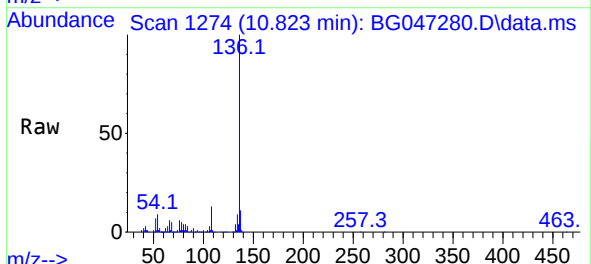
Instrument :
BNA_G
ClientSampled :
2B

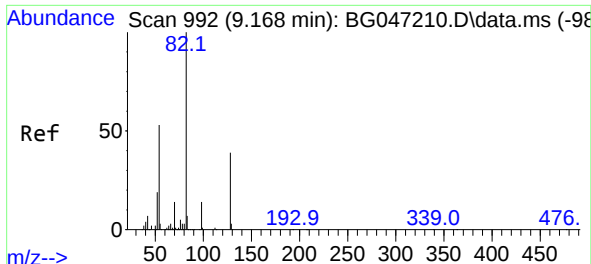
Tgt Ion: 99 Resp: 510771
Ion Ratio Lower Upper
99 100
42 23.6 12.8 19.2#
71 45.2 24.6 36.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.823 min Scan# 1274
Delta R.T. 0.009 min
Lab File: BG047280.D
Acq: 10 Nov 2020 22:26

Tgt Ion: 136 Resp: 248915
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 9.2 6.2 9.4
68 4.8 5.0 7.4#

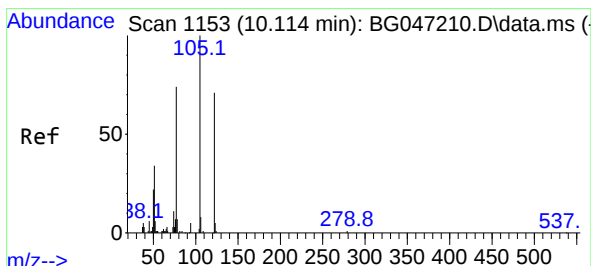
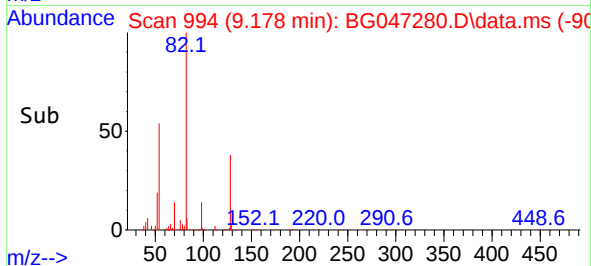
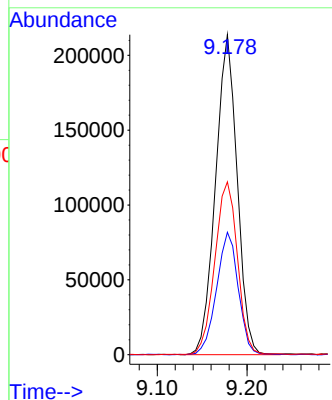
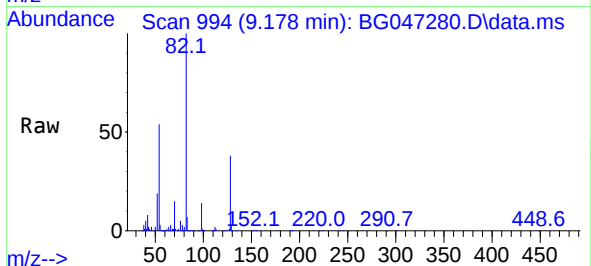




#23
Nitrobenzene-d5
Concen: 61.65 ng
RT: 9.178 min Scan# 994
Delta R.T. 0.010 min
Lab File: BG047280.D
Acq: 10 Nov 2020 22:26

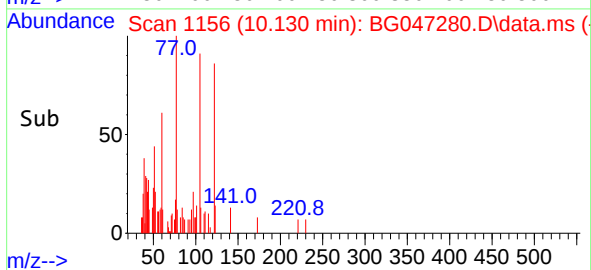
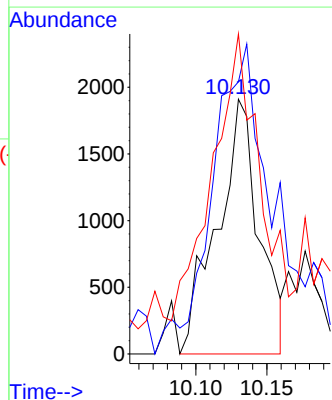
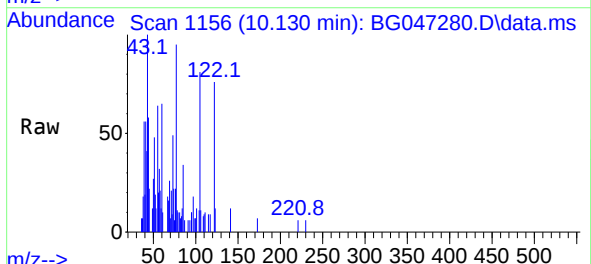
Instrument :
BNA_G
ClientSampleId :
2B

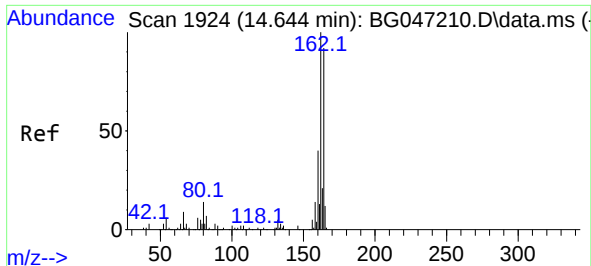
Tgt Ion: 82 Resp: 357560
Ion Ratio Lower Upper
82 100
128 38.2 37.0 55.6
54 54.0 39.0 58.4



#32
Benzoic acid
Concen: 5.92 ng
RT: 10.130 min Scan# 1156
Delta R.T. 0.016 min
Lab File: BG047280.D
Acq: 10 Nov 2020 22:26

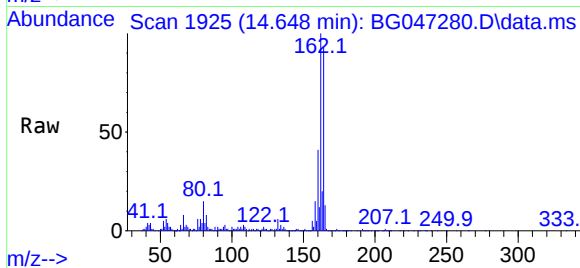
Tgt Ion: 122 Resp: 3923
Ion Ratio Lower Upper
122 100
105 106.8 103.7 143.7
77 125.6 63.0 103.0#



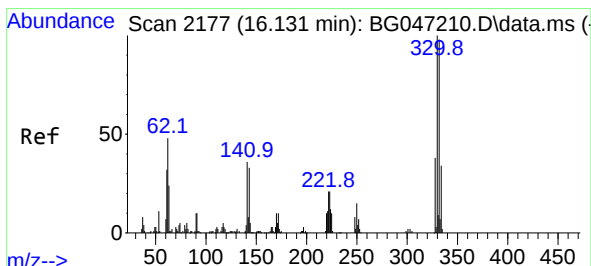
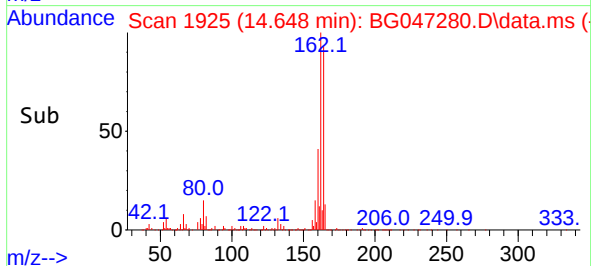
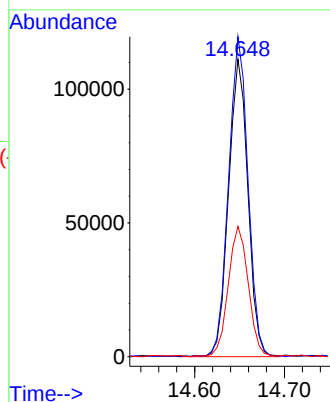


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.648 min Scan# 1925
Delta R.T. 0.004 min
Lab File: BG047280.D
Acq: 10 Nov 2020 22:26

Instrument :
BNA_G
ClientSampleId :
2B

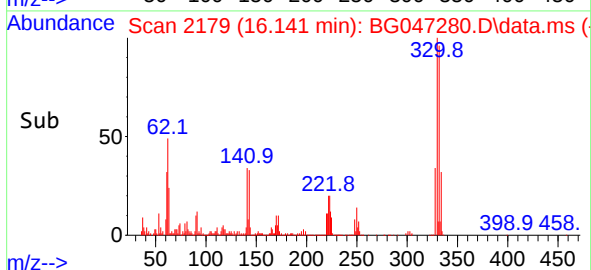
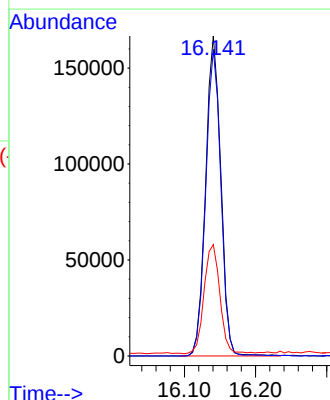
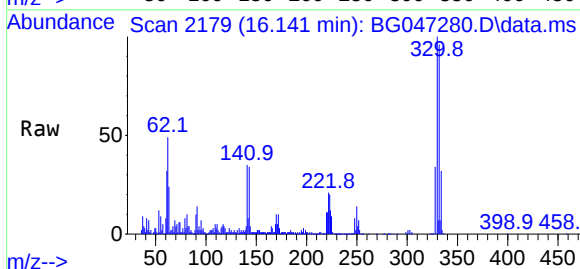


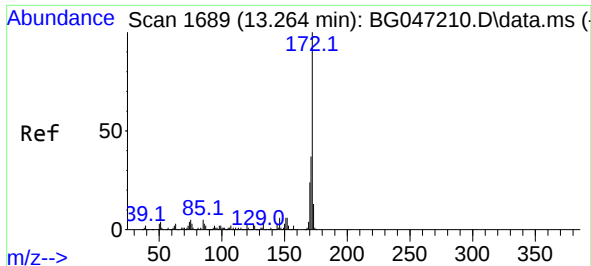
Tgt Ion:164 Resp: 166600
Ion Ratio Lower Upper
164 100
162 107.6 82.3 123.5
160 43.8 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 89.06 ng
RT: 16.141 min Scan# 2179
Delta R.T. 0.010 min
Lab File: BG047280.D
Acq: 10 Nov 2020 22:26

Tgt Ion:330 Resp: 248454
Ion Ratio Lower Upper
330 100
332 94.8 76.5 114.7
141 35.5 26.0 39.0

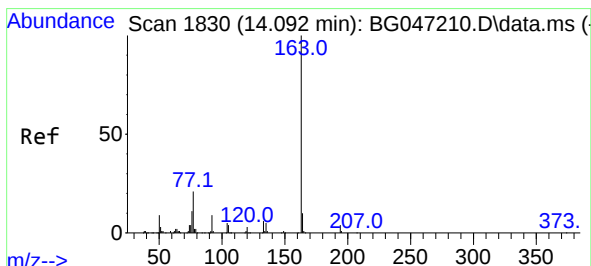
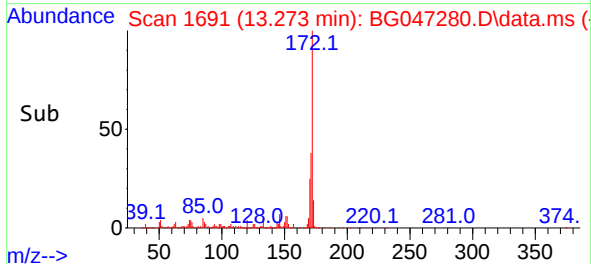
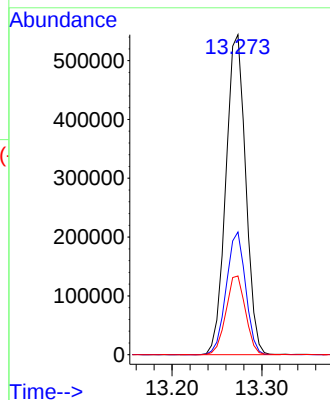
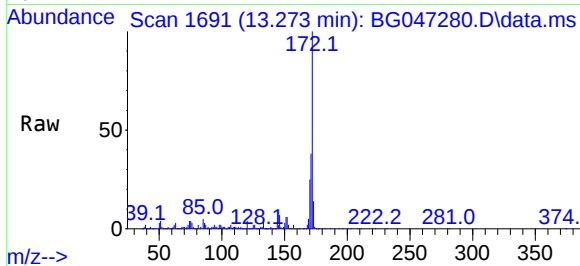




#45
2-Fluorobiphenyl
Concen: 64.17 ng
RT: 13.273 min Scan# 1691
Delta R.T. 0.010 min
Lab File: BG047280.D
Acq: 10 Nov 2020 22:26

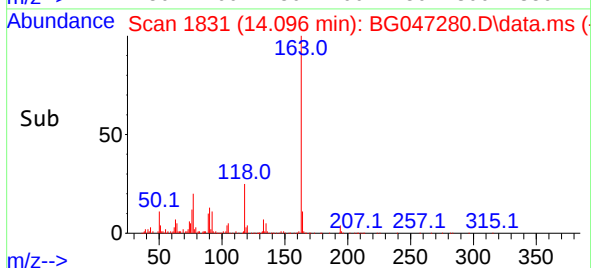
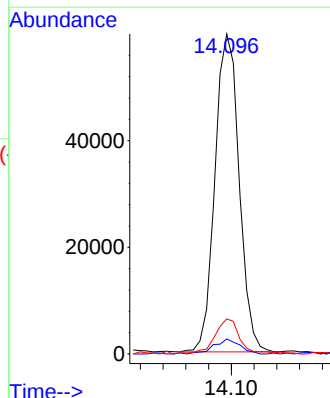
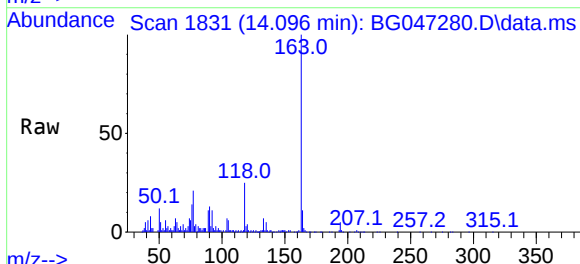
Instrument :
BNA_G
ClientSampleId :
2B

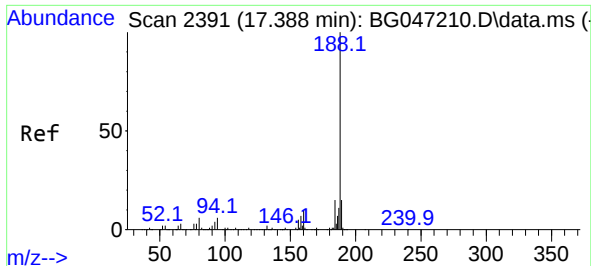
Tgt Ion:	172	Resp:	833533
Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.3	46.9
170	24.6	20.8	31.2



#50
Dimethylphthalate
Concen: 5.98 ng
RT: 14.096 min Scan# 1831
Delta R.T. 0.004 min
Lab File: BG047280.D
Acq: 10 Nov 2020 22:26

Tgt Ion:	163	Resp:	87997
Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.8	5.8
164	10.9	8.8	13.2

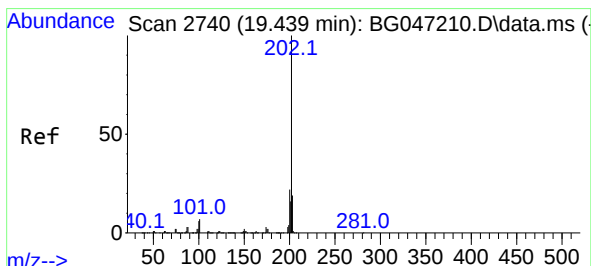
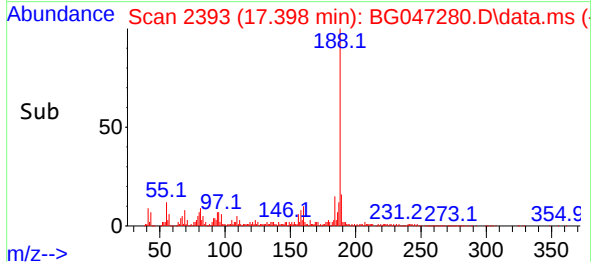
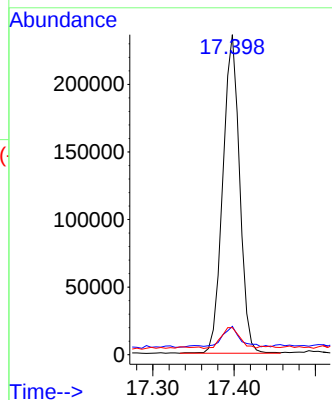
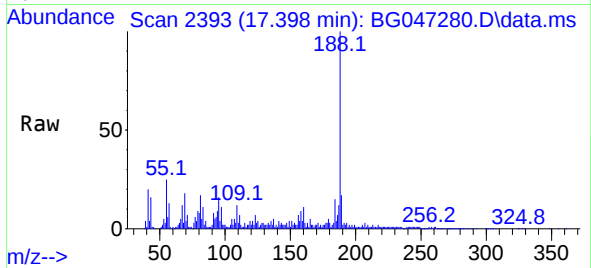




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.398 min Scan# 2393
Delta R.T. 0.010 min
Lab File: BG047280.D
Acq: 10 Nov 2020 22:26

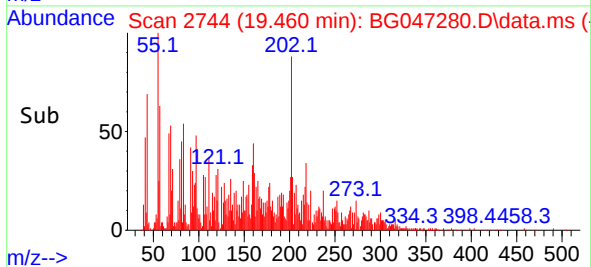
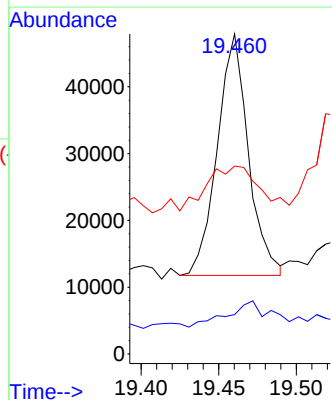
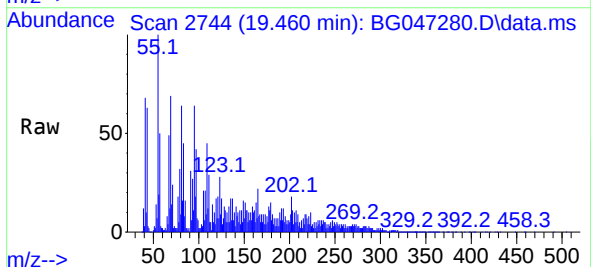
Instrument :
BNA_G
ClientSampleId :
2B

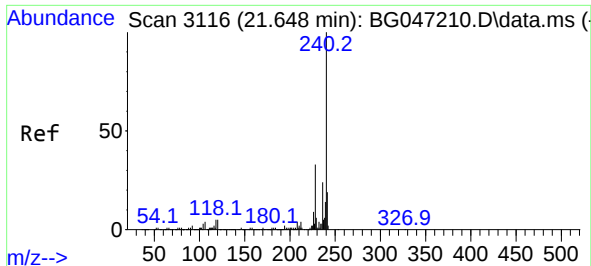
Tgt Ion:188 Resp: 338445
Ion Ratio Lower Upper
188 100
94 8.9 6.3 9.5
80 8.5 7.0 10.6



#75
Fluoranthene
Concen: 2.01 ng
RT: 19.460 min Scan# 2744
Delta R.T. 0.021 min
Lab File: BG047280.D
Acq: 10 Nov 2020 22:26

Tgt Ion:202 Resp: 50384
Ion Ratio Lower Upper
202 100
101 12.3 0.0 29.7
203 58.7 0.0 39.2#

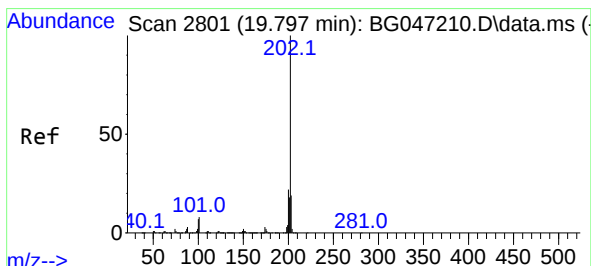
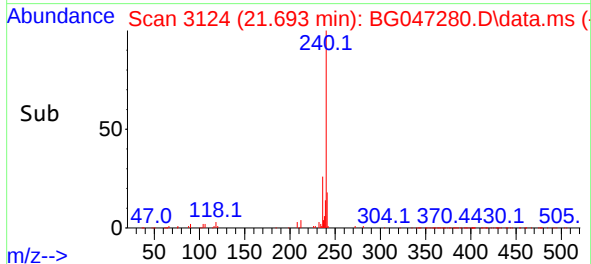
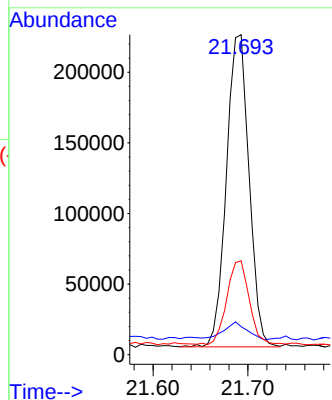
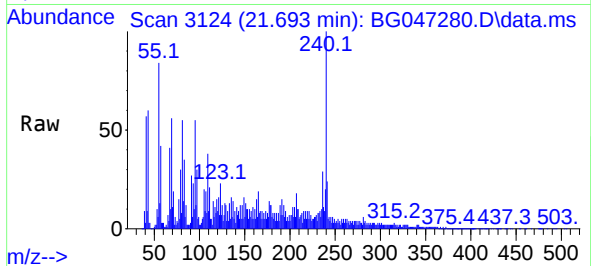




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.693 min Scan# 3124
Delta R.T. 0.045 min
Lab File: BG047280.D
Acq: 10 Nov 2020 22:26

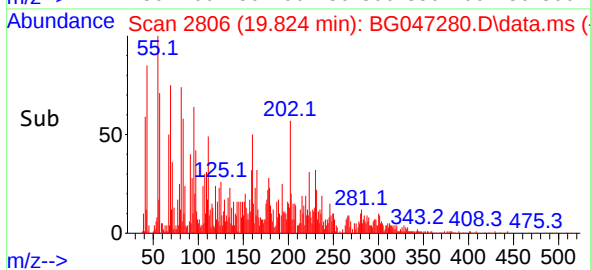
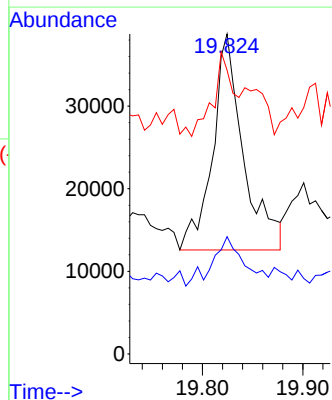
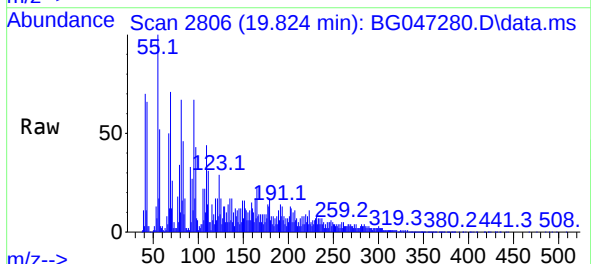
Instrument :
BNA_G
ClientSampleId :
2B

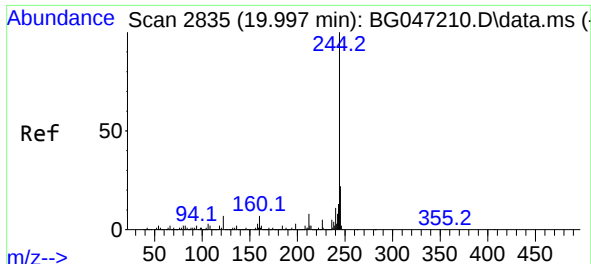
Tgt Ion:240 Resp: 366641
Ion Ratio Lower Upper
240 100
120 8.7 6.2 9.4
236 29.3 20.5 30.7



#78
Pyrene
Concen: 2.18 ng
RT: 19.824 min Scan# 2806
Delta R.T. 0.027 min
Lab File: BG047280.D
Acq: 10 Nov 2020 22:26

Tgt Ion:202 Resp: 55664
Ion Ratio Lower Upper
202 100
200 36.6 18.6 27.8#
203 88.7 15.3 22.9#

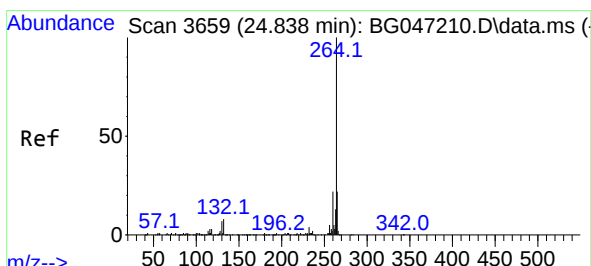
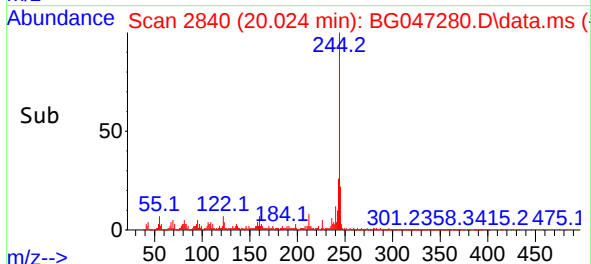
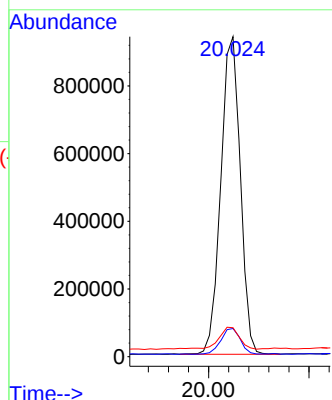
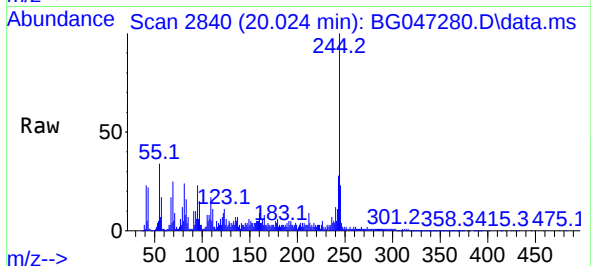




#79
Terphenyl-d14
Concen: 60.56 ng
RT: 20.024 min Scan# 2840
Delta R.T. 0.027 min
Lab File: BG047280.D
Acq: 10 Nov 2020 22:26

Instrument :
BNA_G
ClientSampleId :
2B

Tgt Ion:244 Resp: 1262636
Ion Ratio Lower Upper
244 100
212 8.8 6.7 10.1
122 9.1 7.8 11.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.907 min Scan# 3671
Delta R.T. 0.069 min
Lab File: BG047280.D
Acq: 10 Nov 2020 22:26

Tgt Ion:264 Resp: 344533
Ion Ratio Lower Upper
264 100
260 23.0 18.8 28.2
265 22.3 17.8 26.8

