

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
 Data File : BG048927.D
 Acq On : 13 Jun 2021 00:53
 Operator : CG/JU
 Sample : M2625-29
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 18-B12(170-174)

Quant Time: Jun 14 03:18:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 11 16:03:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.120	152	35150	20.000	ng	0.00
21) Naphthalene-d8	10.946	136	143238	20.000	ng	# 0.00
39) Acenaphthene-d10	14.760	164	104222	20.000	ng	0.00
64) Phenanthrene-d10	17.509	188	257970	20.000	ng	# 0.00
76) Chrysene-d12	21.804	240	269549	20.000	ng	#-0.01
86) Perylene-d12	25.142	264	270473	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.664	112	218904	96.945	ng	0.00
7) Phenol-d6	7.263	99	258163	76.282	ng	0.00
23) Nitrobenzene-d5	9.290	82	241398	72.670	ng	0.00
42) 2,4,6-Tribromophenol	16.252	330	163721	106.029	ng	0.00
45) 2-Fluorobiphenyl	13.385	172	501997	68.042	ng	0.00
79) Terphenyl-d14	20.124	244	1112367	75.578	ng	0.00

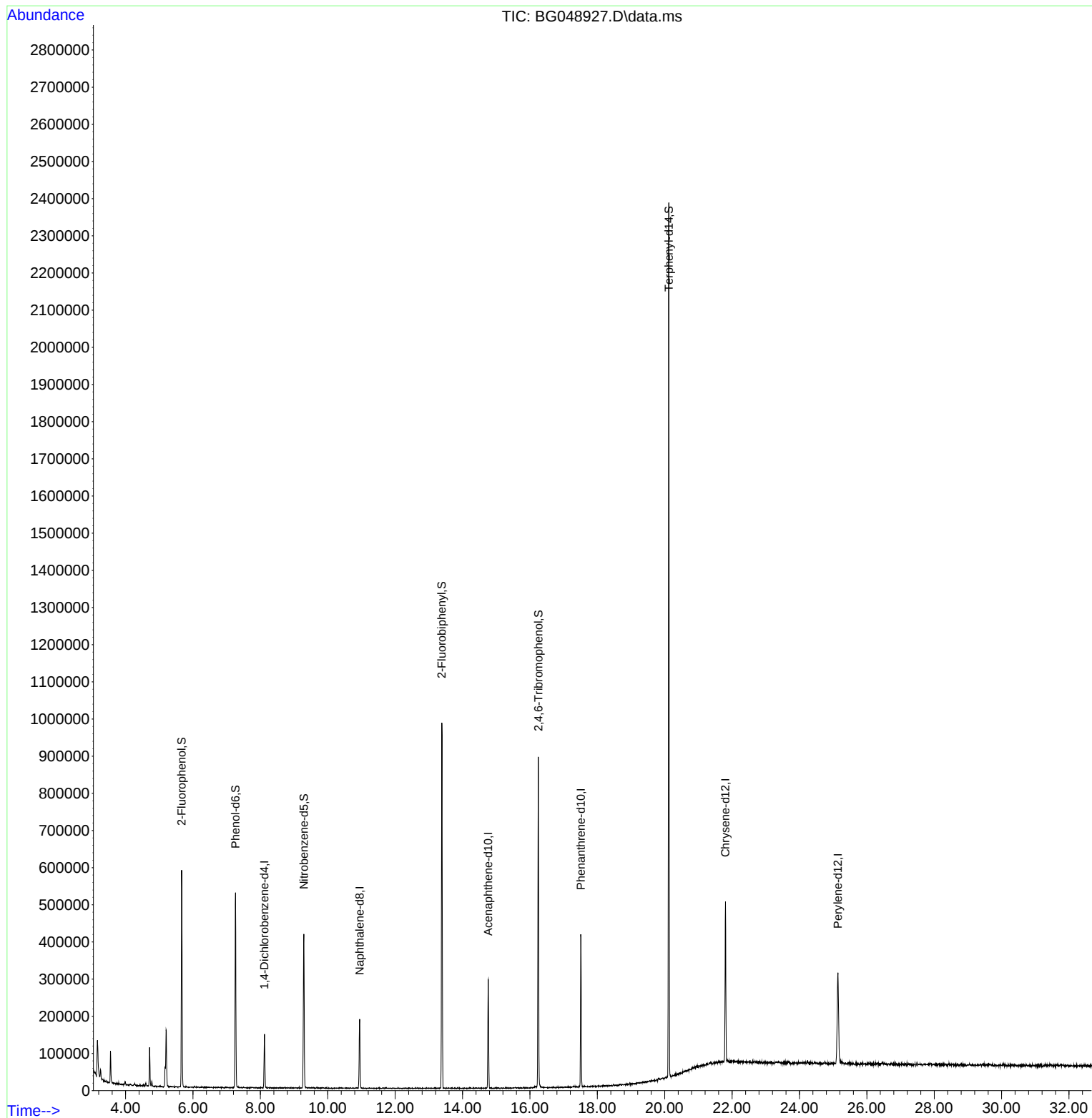
Target Compounds	Qvalue

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

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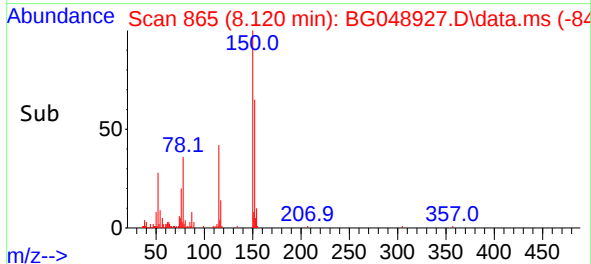
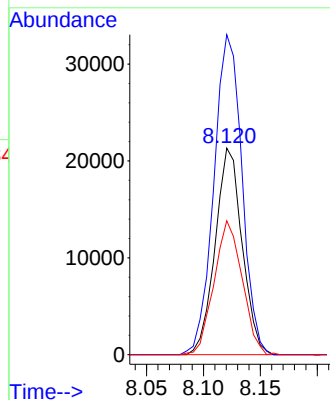
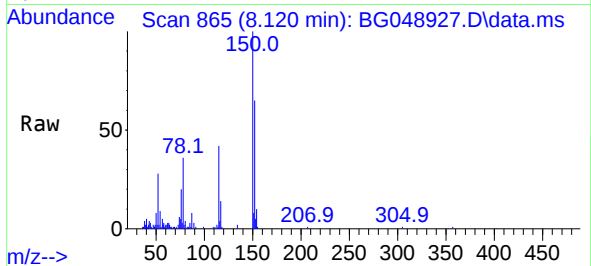




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.120 min Scan# 865
Delta R.T. -0.002 min
Lab File: BG048927.D
Acq: 13 Jun 2021 00:53

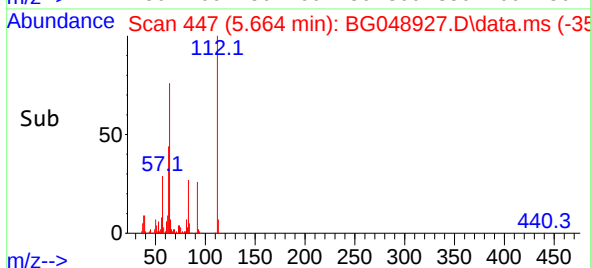
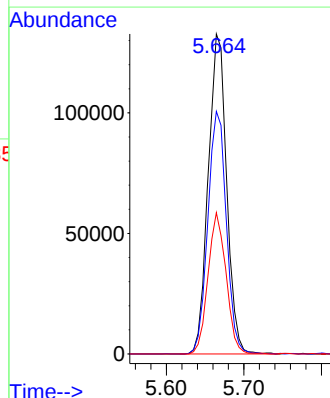
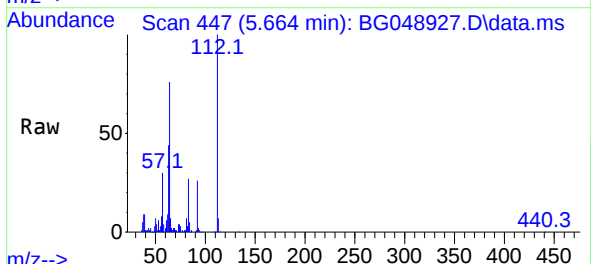
Instrument :
BNA_G
ClientSampleId :
18-B12(170-174)

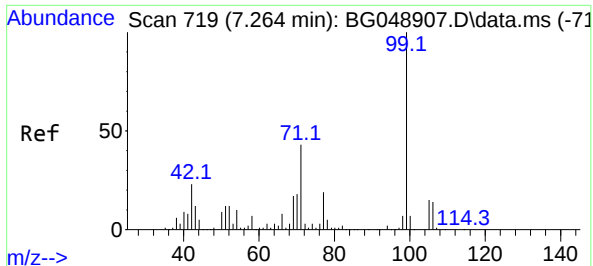
Tgt Ion:152 Resp: 35150
Ion Ratio Lower Upper
152 100
150 154.9 119.4 179.0
115 64.8 60.2 90.4



#5
2-Fluorophenol
Concen: 96.945 ng
RT: 5.664 min Scan# 447
Delta R.T. -0.002 min
Lab File: BG048927.D
Acq: 13 Jun 2021 00:53

Tgt Ion:112 Resp: 218904
Ion Ratio Lower Upper
112 100
64 75.8 46.7 70.1#
63 44.1 35.3 52.9

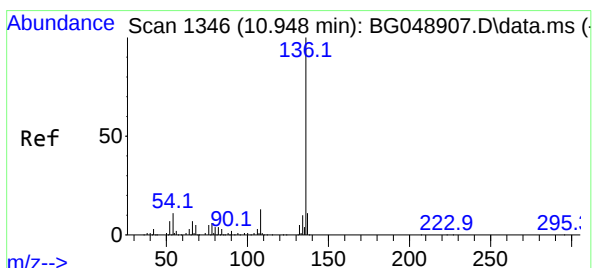
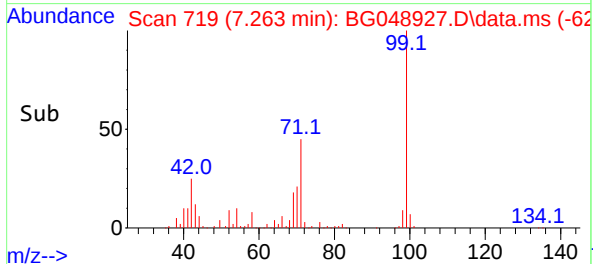
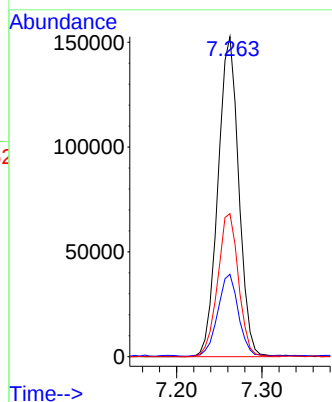
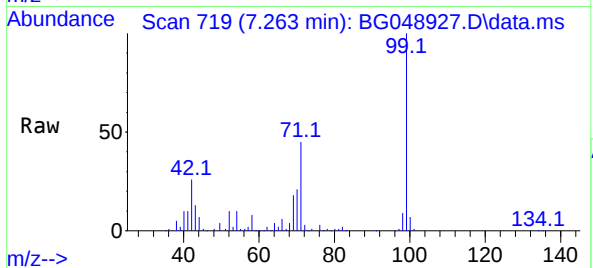




#7
Phenol-d6
Concen: 76.282 ng
RT: 7.263 min Scan# 719
Delta R.T. -0.001 min
Lab File: BG048927.D
Acq: 13 Jun 2021 00:53

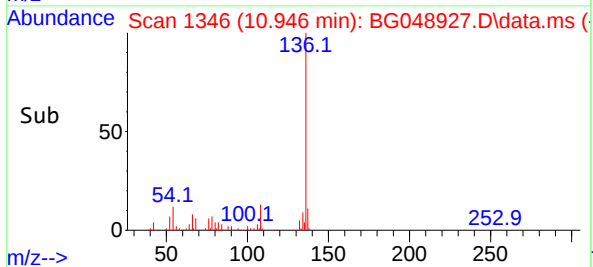
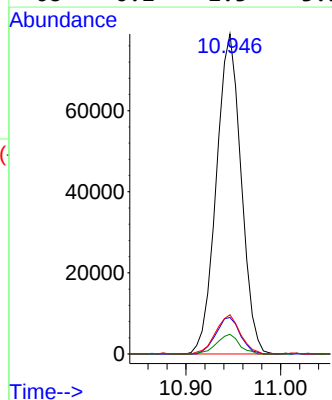
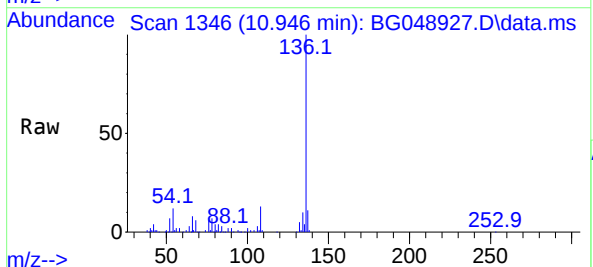
Instrument :
BNA_G
ClientSampleId :
18-B12(170-174)

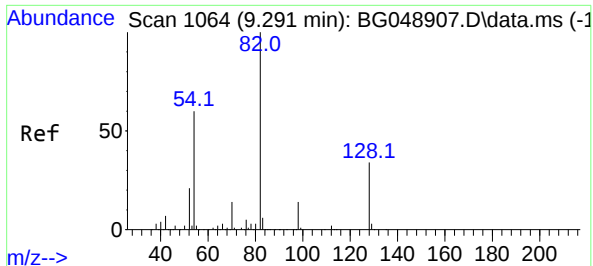
Tgt Ion: 99 Resp: 258163
Ion Ratio Lower Upper
99 100
42 25.8 20.5 30.7
71 44.7 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.946 min Scan# 1346
Delta R.T. -0.002 min
Lab File: BG048927.D
Acq: 13 Jun 2021 00:53

Tgt Ion:136 Resp: 143238
Ion Ratio Lower Upper
136 100
137 11.4 8.2 12.2
54 12.3 5.5 8.3#
68 6.2 2.3 3.5#





#23

Nitrobenzene-d5

Concen: 72.670 ng

RT: 9.290 min Scan# 1064

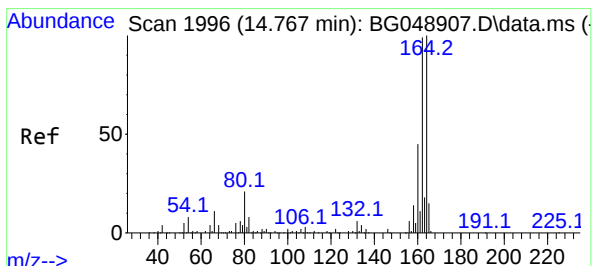
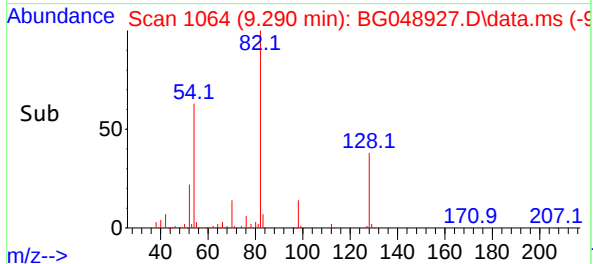
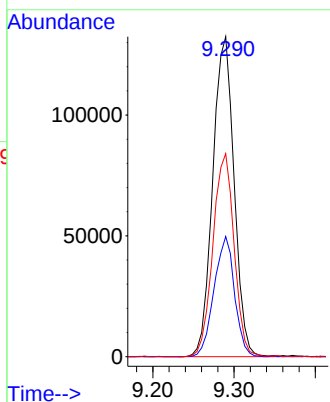
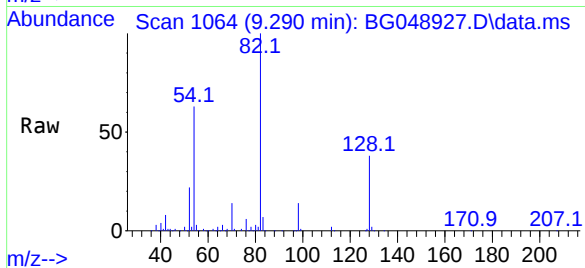
Delta R.T. -0.001 min

Lab File: BG048927.D

Acq: 13 Jun 2021 00:53

Tgt Ion: 82 Resp: 241398

Ion	Ratio	Lower	Upper
82	100		
128	37.6	29.8	44.6
54	63.4	45.8	68.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.760 min Scan# 1995

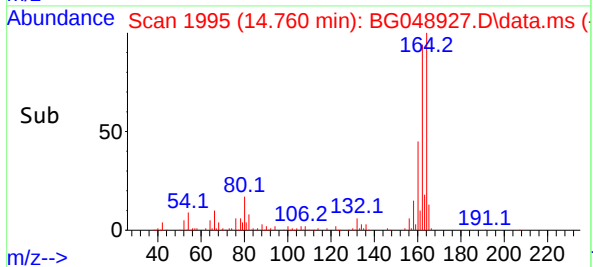
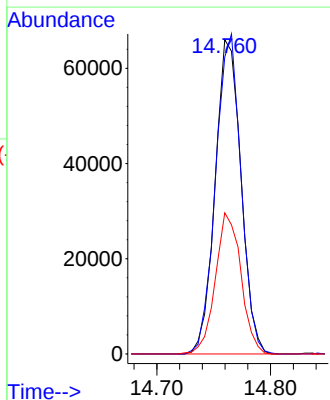
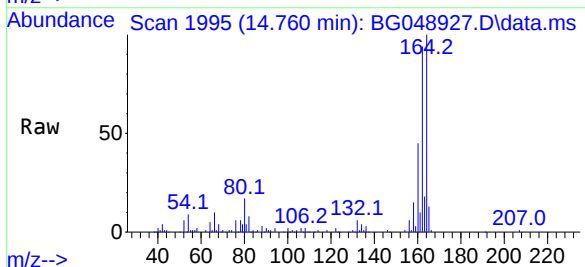
Delta R.T. -0.007 min

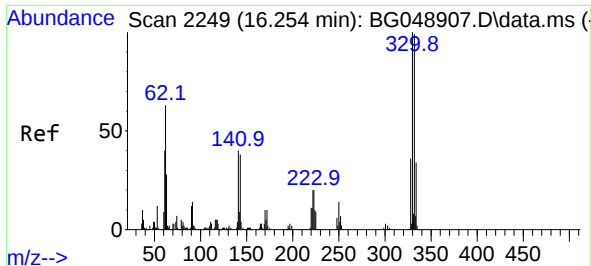
Lab File: BG048927.D

Acq: 13 Jun 2021 00:53

Tgt Ion: 164 Resp: 104222

Ion	Ratio	Lower	Upper
164	100		
162	94.5	81.4	122.0
160	44.9	34.9	52.3

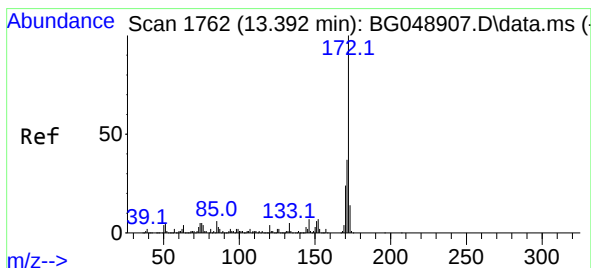
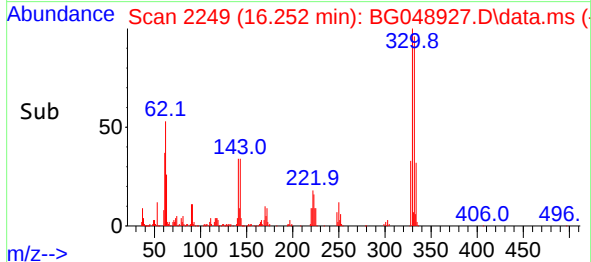
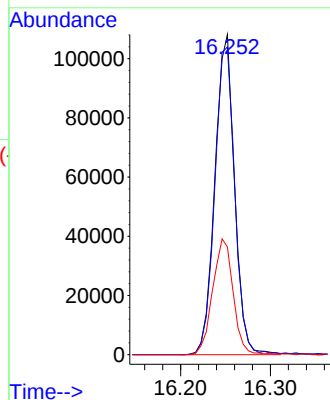
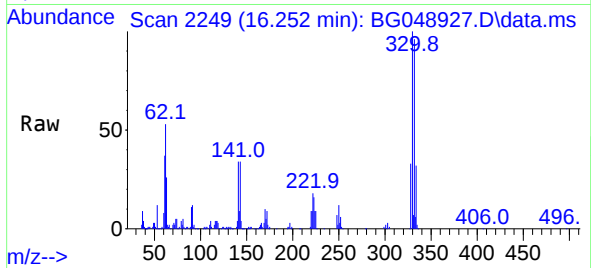




#42
2,4,6-Tribromophenol
Concen: 106.029 ng
RT: 16.252 min Scan# 2249
Delta R.T. -0.002 min
Lab File: BG048927.D
Acq: 13 Jun 2021 00:53

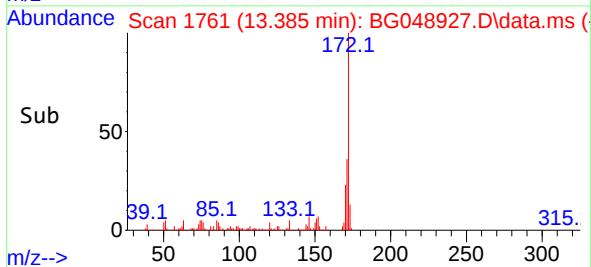
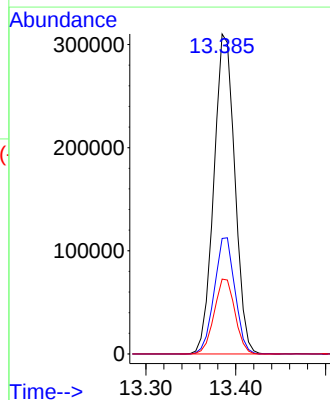
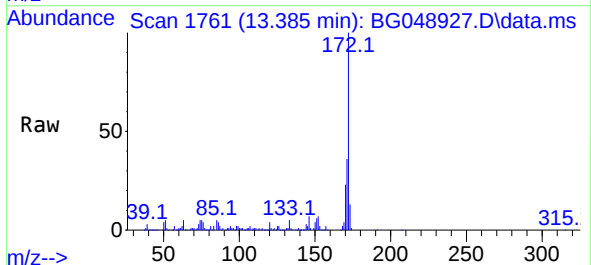
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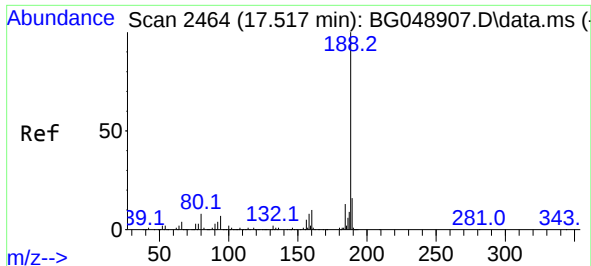
Tgt Ion:330 Resp: 163721
Ion Ratio Lower Upper
330 100
332 98.7 77.3 115.9
141 38.0 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 68.042 ng
RT: 13.385 min Scan# 1761
Delta R.T. -0.007 min
Lab File: BG048927.D
Acq: 13 Jun 2021 00:53

Tgt Ion:172 Resp: 501997
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.4 18.6 27.8

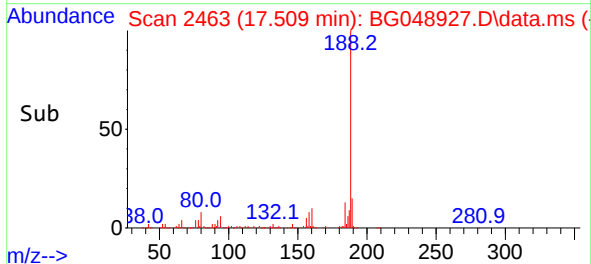
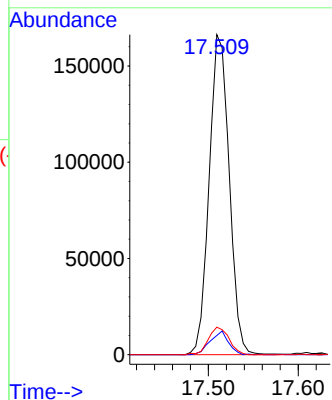
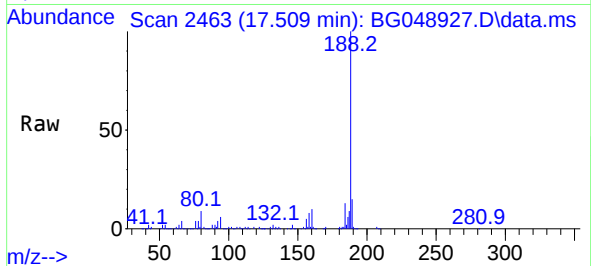




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.509 min Scan# 2463
Delta R.T. -0.008 min
Lab File: BG048927.D
Acq: 13 Jun 2021 00:53

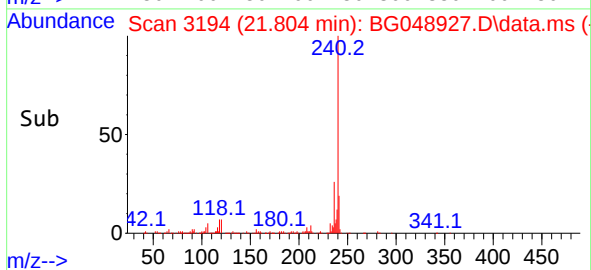
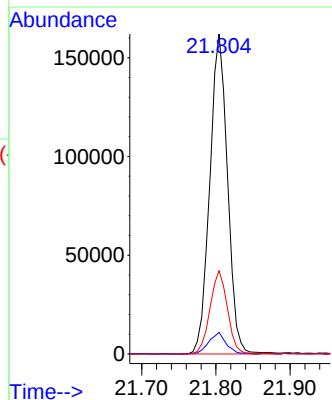
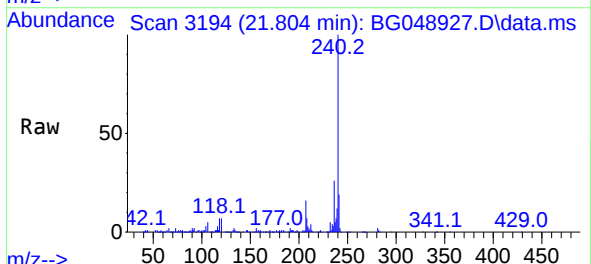
Instrument :
BNA_G
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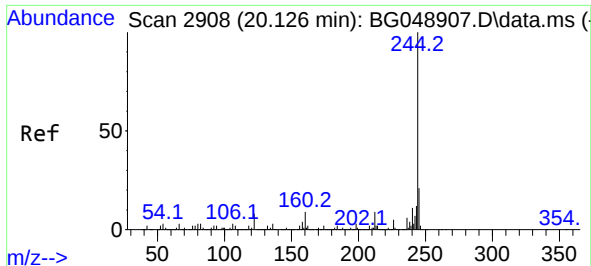
Tgt Ion:188 Resp: 257970
Ion Ratio Lower Upper
188 100
94 6.0 5.4 8.0
80 8.6 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.804 min Scan# 3194
Delta R.T. -0.013 min
Lab File: BG048927.D
Acq: 13 Jun 2021 00:53

Tgt Ion:240 Resp: 269549
Ion Ratio Lower Upper
240 100
120 6.8 4.2 6.2#
236 26.0 21.8 32.6

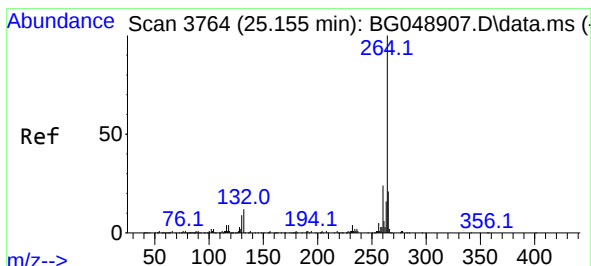
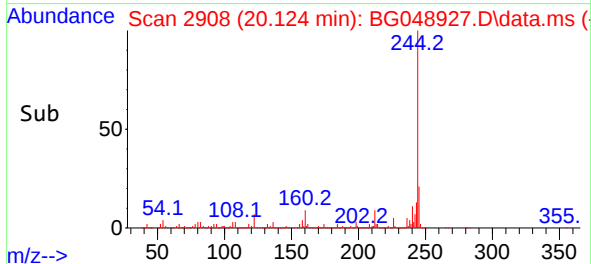
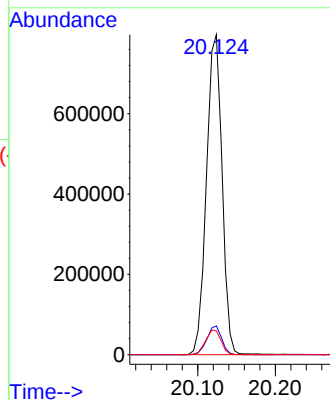
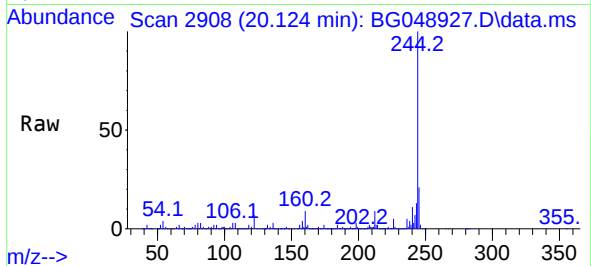




#79
 Terphenyl-d14
 Concen: 75.578 ng
 RT: 20.124 min Scan# 2908
 Delta R.T. -0.002 min
 Lab File: BG048927.D
 Acq: 13 Jun 2021 00:53

Instrument :
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 ClientSampleId :
 18-B12(170-174)

Tgt Ion:244 Resp: 1112367
 Ion Ratio Lower Upper
 244 100
 212 9.0 6.9 10.3
 122 7.4 5.0 7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.142 min Scan# 3762
 Delta R.T. -0.013 min
 Lab File: BG048927.D
 Acq: 13 Jun 2021 00:53

Tgt Ion:264 Resp: 270473
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 20.8 16.9 25.3

