

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081221\
 Data File : BG049814.D
 Acq On : 12 Aug 2021 12:17
 Operator : CG/JU
 Sample : M3333-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 124055

Quant Time: Aug 12 12:51:43 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 15:15:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.031	152	22235	20.000	ng	0.00
21) Naphthalene-d8	10.851	136	94278	20.000	ng	#-0.02
39) Acenaphthene-d10	14.687	164	77574	20.000	ng	0.00
64) Phenanthrene-d10	17.442	188	186323	20.000	ng	# 0.00
76) Chrysene-d12	21.724	240	164824	20.000	ng	0.00
86) Perylene-d12	25.002	264	172217	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	118427	95.477	ng	0.00
7) Phenol-d6	7.197	99	171302	91.235	ng	0.00
23) Nitrobenzene-d5	9.200	82	117041	54.935	ng	-0.02
42) 2,4,6-Tribromophenol	16.179	330	119755	105.027	ng	0.00
45) 2-Fluorobiphenyl	13.306	172	262249	49.191	ng	0.00
79) Terphenyl-d14	20.050	244	531466	58.562	ng	0.00

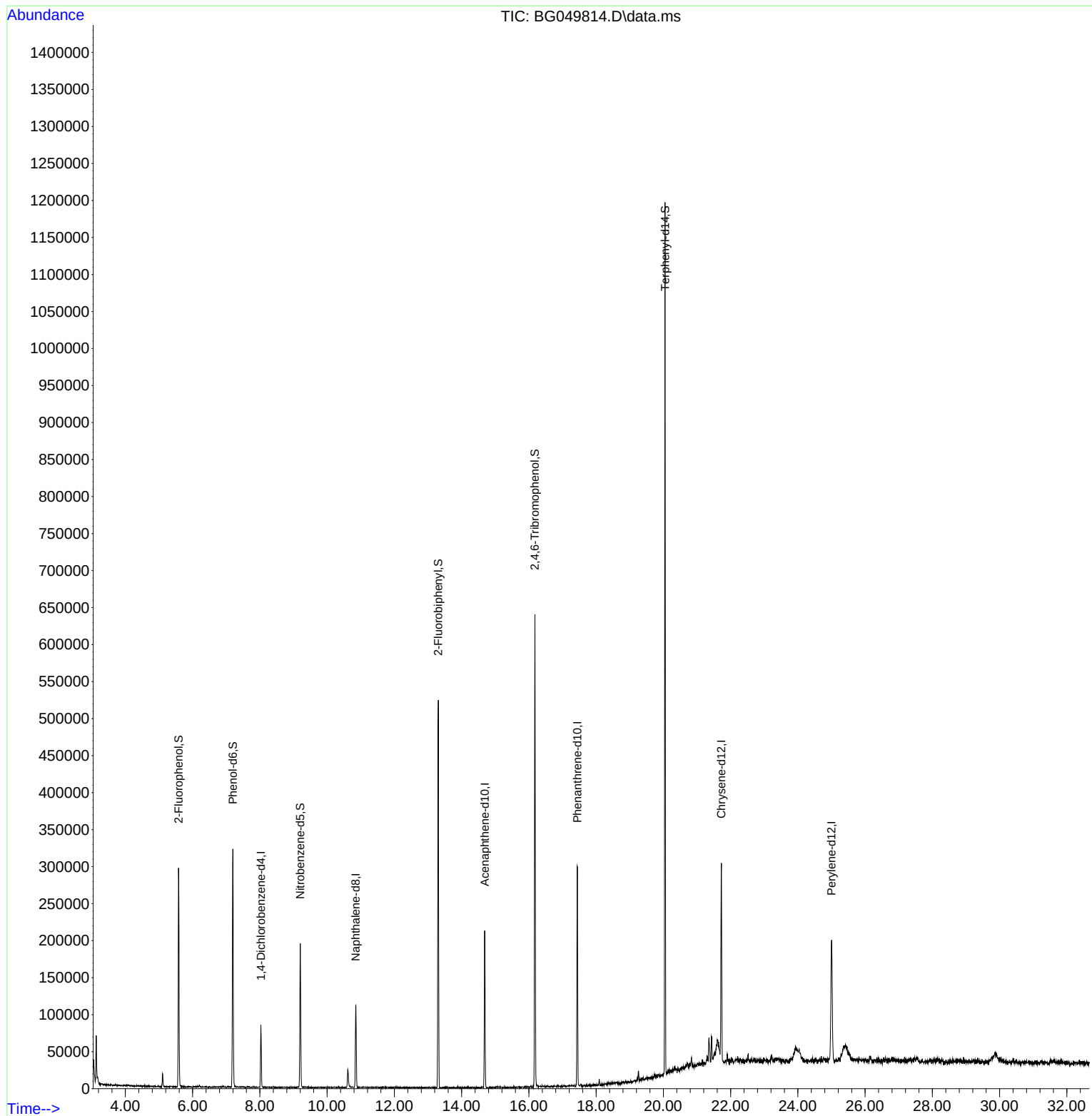
Target Compounds	Qvalue

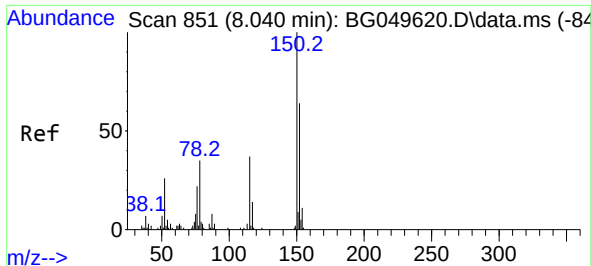
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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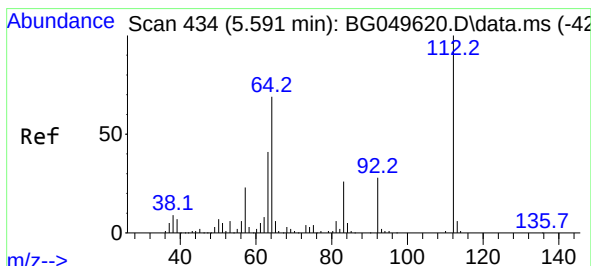
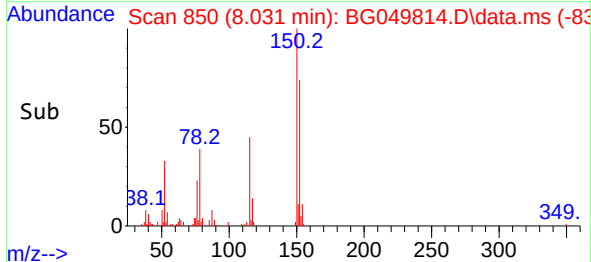
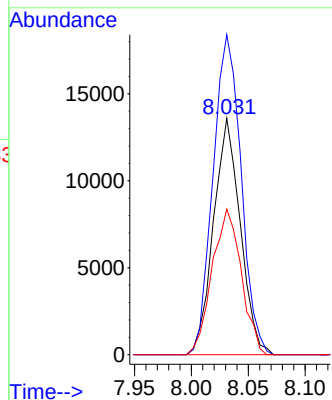
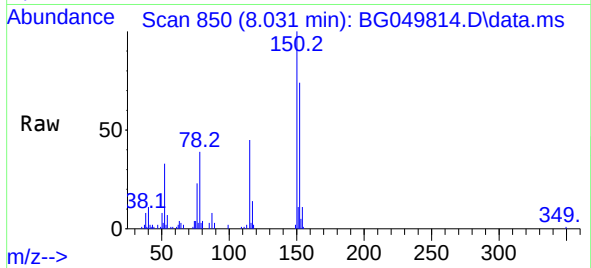




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.031 min Scan# 850
Delta R.T. -0.009 min
Lab File: BG049814.D
Acq: 12 Aug 2021 12:17

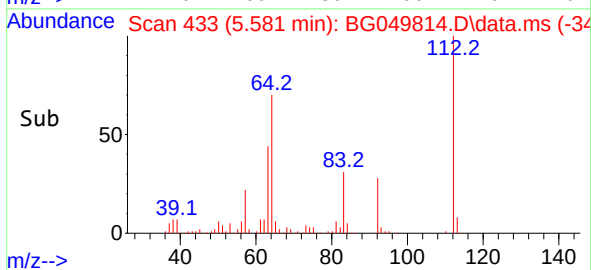
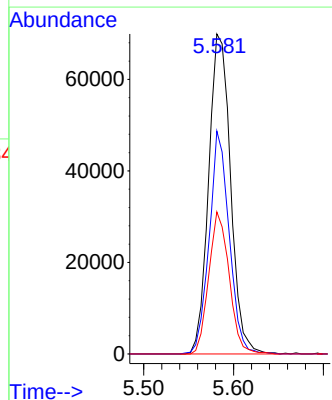
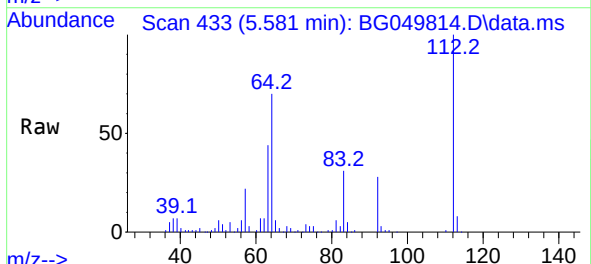
Instrument :
BNA_G
ClientSampleId :
124055

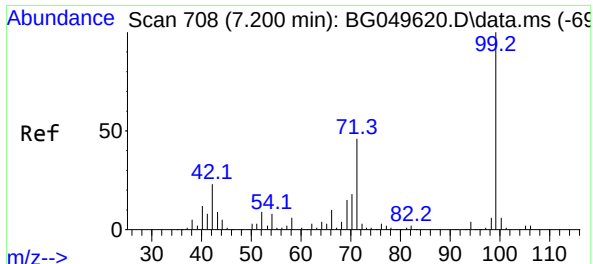
Tgt Ion:152 Resp: 22235
Ion Ratio Lower Upper
152 100
150 135.4 119.4 179.0
115 61.6 60.2 90.4



#5
2-Fluorophenol
Concen: 95.477 ng
RT: 5.581 min Scan# 433
Delta R.T. -0.009 min
Lab File: BG049814.D
Acq: 12 Aug 2021 12:17

Tgt Ion:112 Resp: 118427
Ion Ratio Lower Upper
112 100
64 69.7 46.7 70.1
63 44.4 35.3 52.9

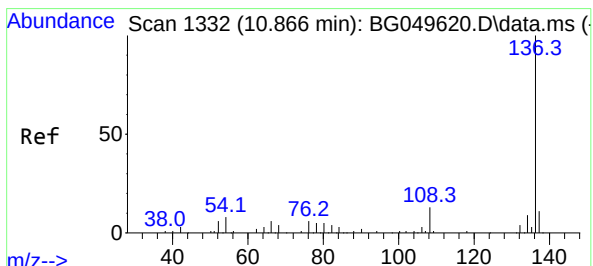
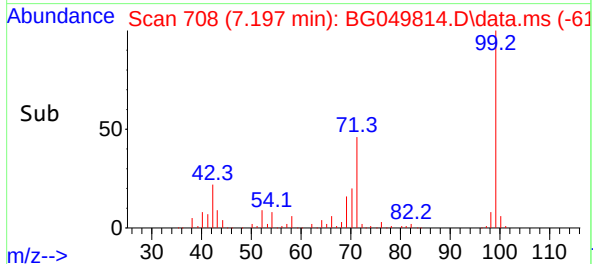
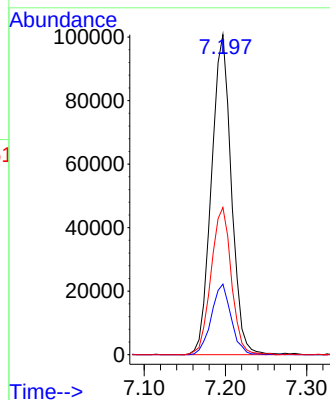
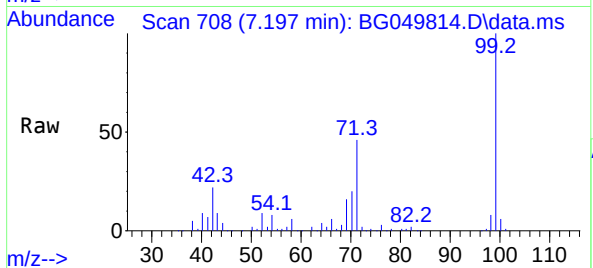




#7
Phenol-d6
Concen: 91.235 ng
RT: 7.197 min Scan# 708
Delta R.T. -0.003 min
Lab File: BG049814.D
Acq: 12 Aug 2021 12:17

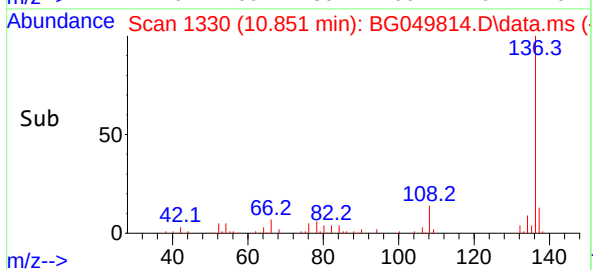
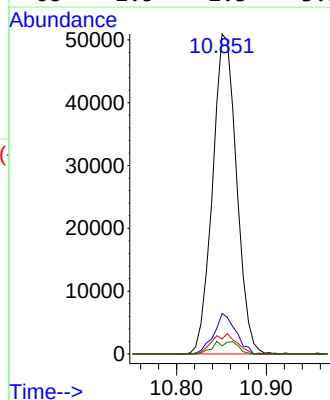
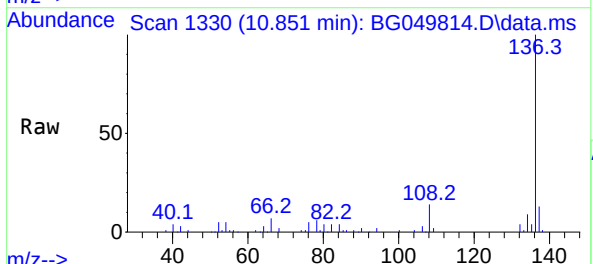
Instrument :
BNA_G
ClientSampleId :
124055

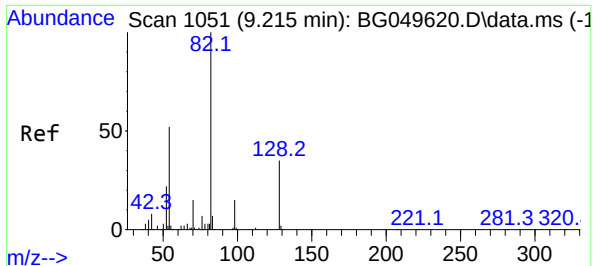
Tgt Ion: 99 Resp: 171302
Ion Ratio Lower Upper
99 100
42 22.1 20.5 30.7
71 46.0 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.851 min Scan# 1330
Delta R.T. -0.015 min
Lab File: BG049814.D
Acq: 12 Aug 2021 12:17

Tgt Ion: 136 Resp: 94278
Ion Ratio Lower Upper
136 100
137 12.7 8.2 12.2#
54 4.7 5.5 8.3#
68 2.5 2.3 3.5

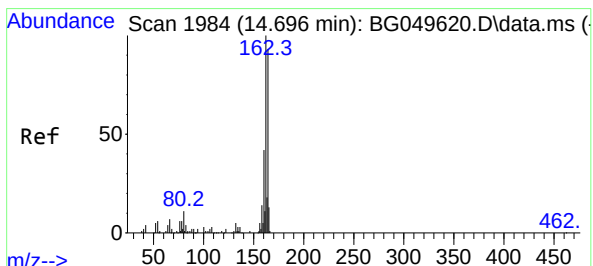
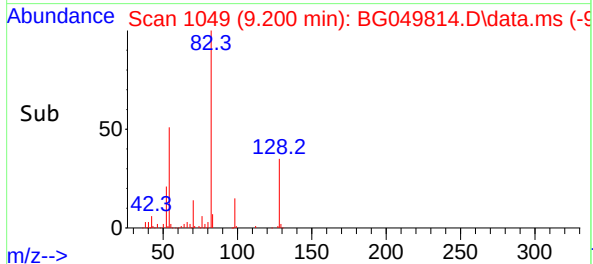
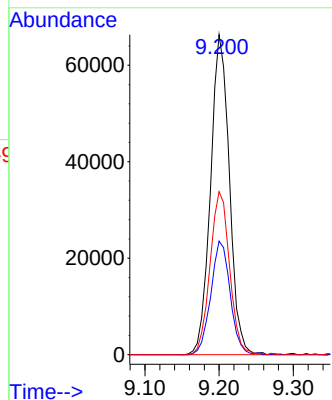
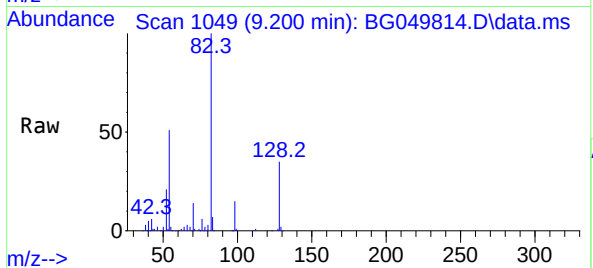




#23
Nitrobenzene-d5
Concen: 54.935 ng
RT: 9.200 min Scan# 1049
Delta R.T. -0.015 min
Lab File: BG049814.D
Acq: 12 Aug 2021 12:17

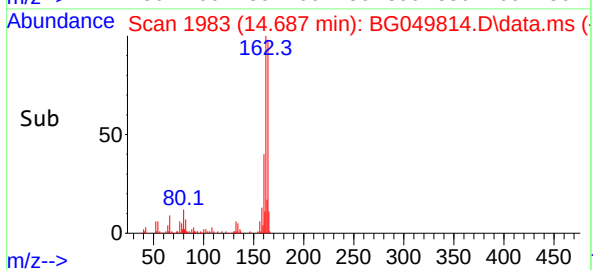
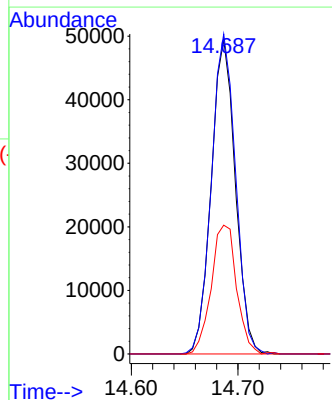
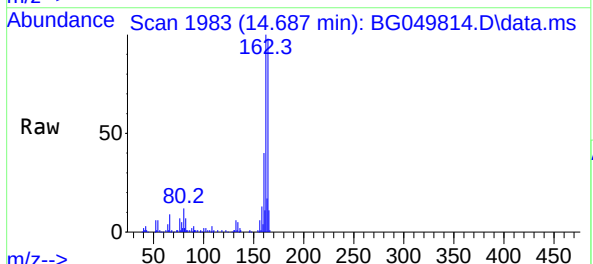
Instrument :
BNA_G
ClientSampleId :
124055

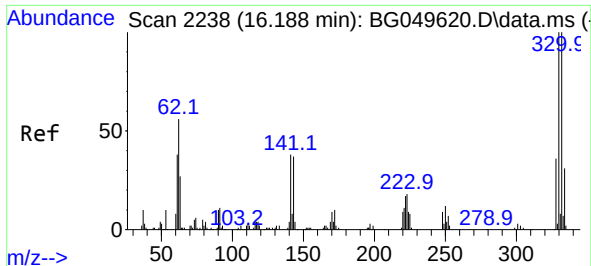
Tgt Ion: 82 Resp: 117041
Ion Ratio Lower Upper
82 100
128 35.5 29.8 44.6
54 50.9 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.687 min Scan# 1983
Delta R.T. -0.009 min
Lab File: BG049814.D
Acq: 12 Aug 2021 12:17

Tgt Ion:164 Resp: 77574
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 41.0 34.9 52.3

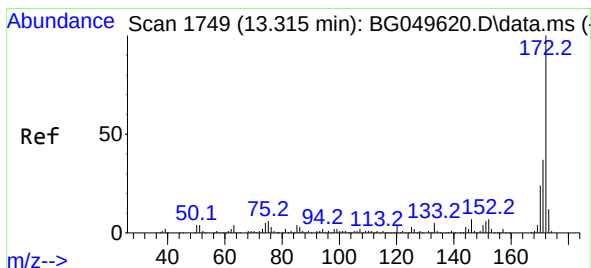
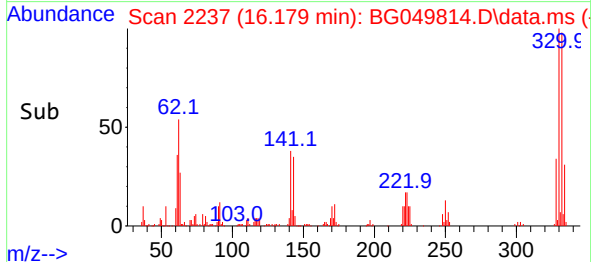
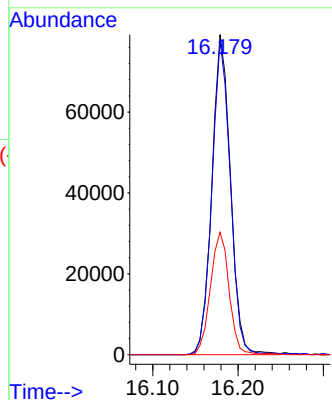
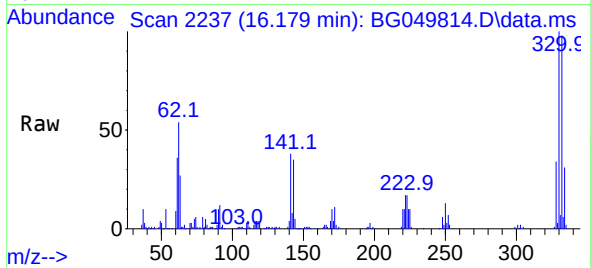




#42
2,4,6-Tribromophenol
Concen: 105.027 ng
RT: 16.179 min Scan# 2237
Delta R.T. -0.009 min
Lab File: BG049814.D
Acq: 12 Aug 2021 12:17

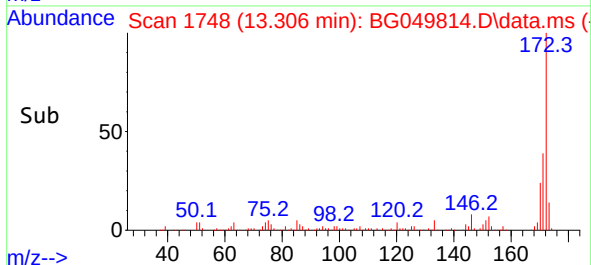
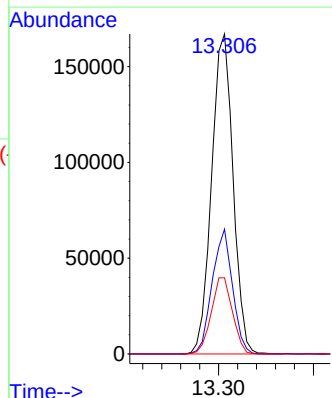
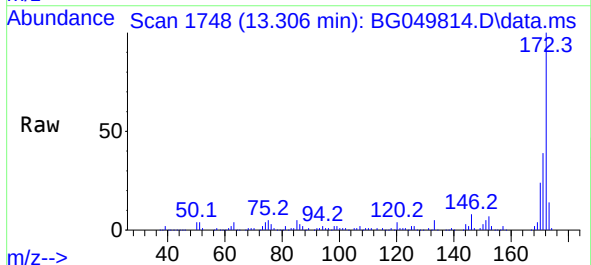
Instrument :
BNA_G
ClientSampleId :
124055

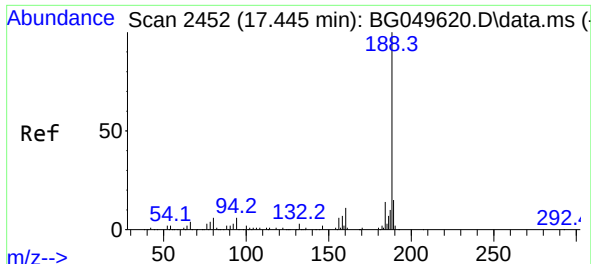
Tgt Ion:330 Resp: 119755
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 38.4 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 49.191 ng
RT: 13.306 min Scan# 1748
Delta R.T. -0.009 min
Lab File: BG049814.D
Acq: 12 Aug 2021 12:17

Tgt Ion:172 Resp: 262249
Ion Ratio Lower Upper
172 100
171 39.0 28.6 43.0
170 23.8 18.6 27.8

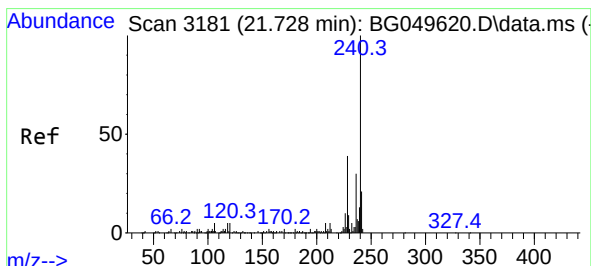
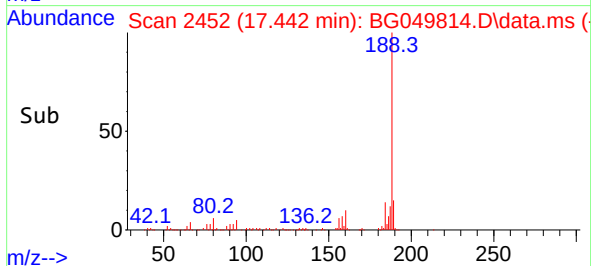
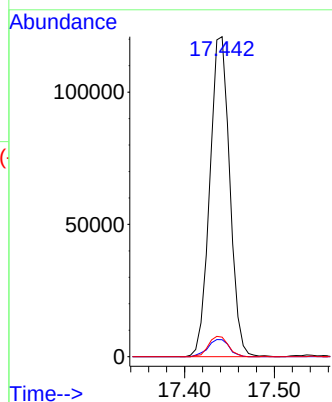
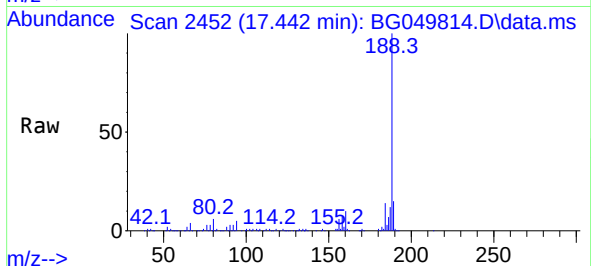




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.442 min Scan# 2452
Delta R.T. -0.003 min
Lab File: BG049814.D
Acq: 12 Aug 2021 12:17

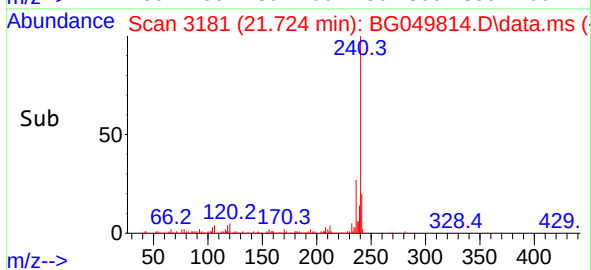
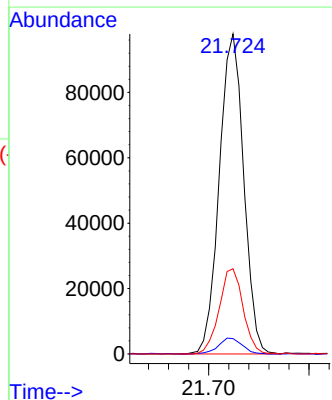
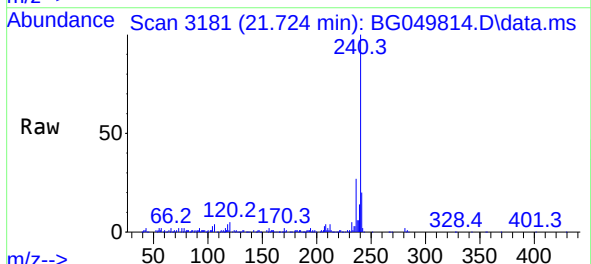
Instrument :
BNA_G
ClientSampleId :
124055

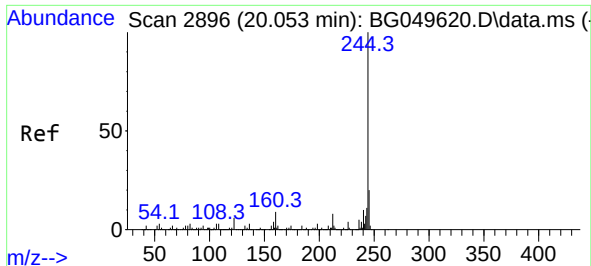
Tgt Ion:188 Resp: 186323
Ion Ratio Lower Upper
188 100
94 5.3 5.4 8.0#
80 6.1 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.724 min Scan# 3181
Delta R.T. -0.003 min
Lab File: BG049814.D
Acq: 12 Aug 2021 12:17

Tgt Ion:240 Resp: 164824
Ion Ratio Lower Upper
240 100
120 4.8 4.2 6.2
236 26.6 21.8 32.6

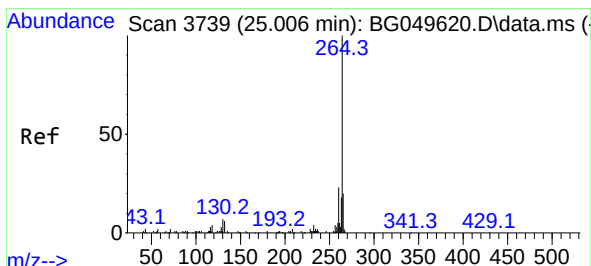
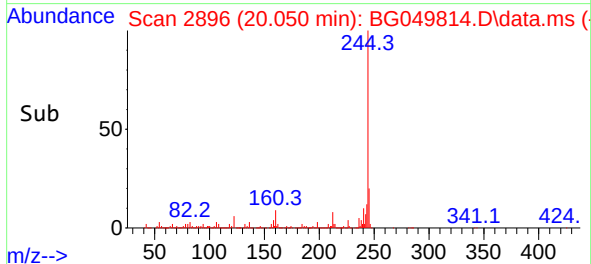
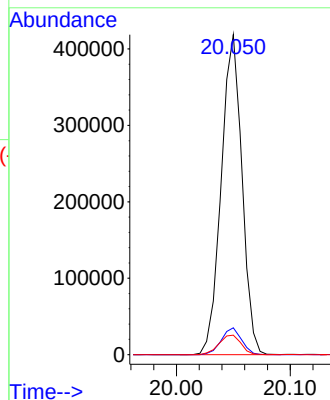
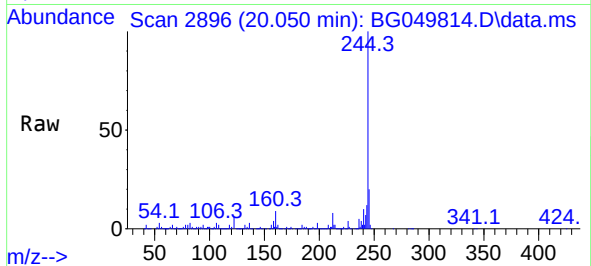




#79
Terphenyl-d14
Concen: 58.562 ng
RT: 20.050 min Scan# 2896
Delta R.T. -0.003 min
Lab File: BG049814.D
Acq: 12 Aug 2021 12:17

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:	244	Resp:	531466
Ion Ratio	Lower	Upper	
244	100		
212	8.4	6.9	10.3
122	6.1	5.0	7.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.002 min Scan# 3739
Delta R.T. -0.003 min
Lab File: BG049814.D
Acq: 12 Aug 2021 12:17

Tgt Ion:	264	Resp:	172217
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.4	29.2
265	20.3	16.9	25.3

