

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081221\
 Data File : BG049813.D
 Acq On : 12 Aug 2021 11:36
 Operator : CG/JU
 Sample : M3346-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LPA-1

Quant Time: Aug 12 12:28:22 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	8.032	152	25143	20.000	ng	0.00
21) Naphthalene-d8	10.851	136	96616	20.000	ng	#-0.01
39) Acenaphthene-d10	14.687	164	65340	20.000	ng	0.00
64) Phenanthrene-d10	17.442	188	152640	20.000	ng	# 0.00
76) Chrysene-d12	21.719	240	152762	20.000	ng	0.00
86) Perylene-d12	25.003	264	161913	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.588	112	130613	93.123	ng	0.00
7) Phenol-d6	7.198	99	175538	82.678	ng	0.00
23) Nitrobenzene-d5	9.201	82	125437	57.451	ng	-0.01
42) 2,4,6-Tribromophenol	16.179	330	101829	106.026	ng	0.00
45) 2-Fluorobiphenyl	13.307	172	225821	50.289	ng	0.00
79) Terphenyl-d14	20.051	244	422750	50.261	ng	0.00

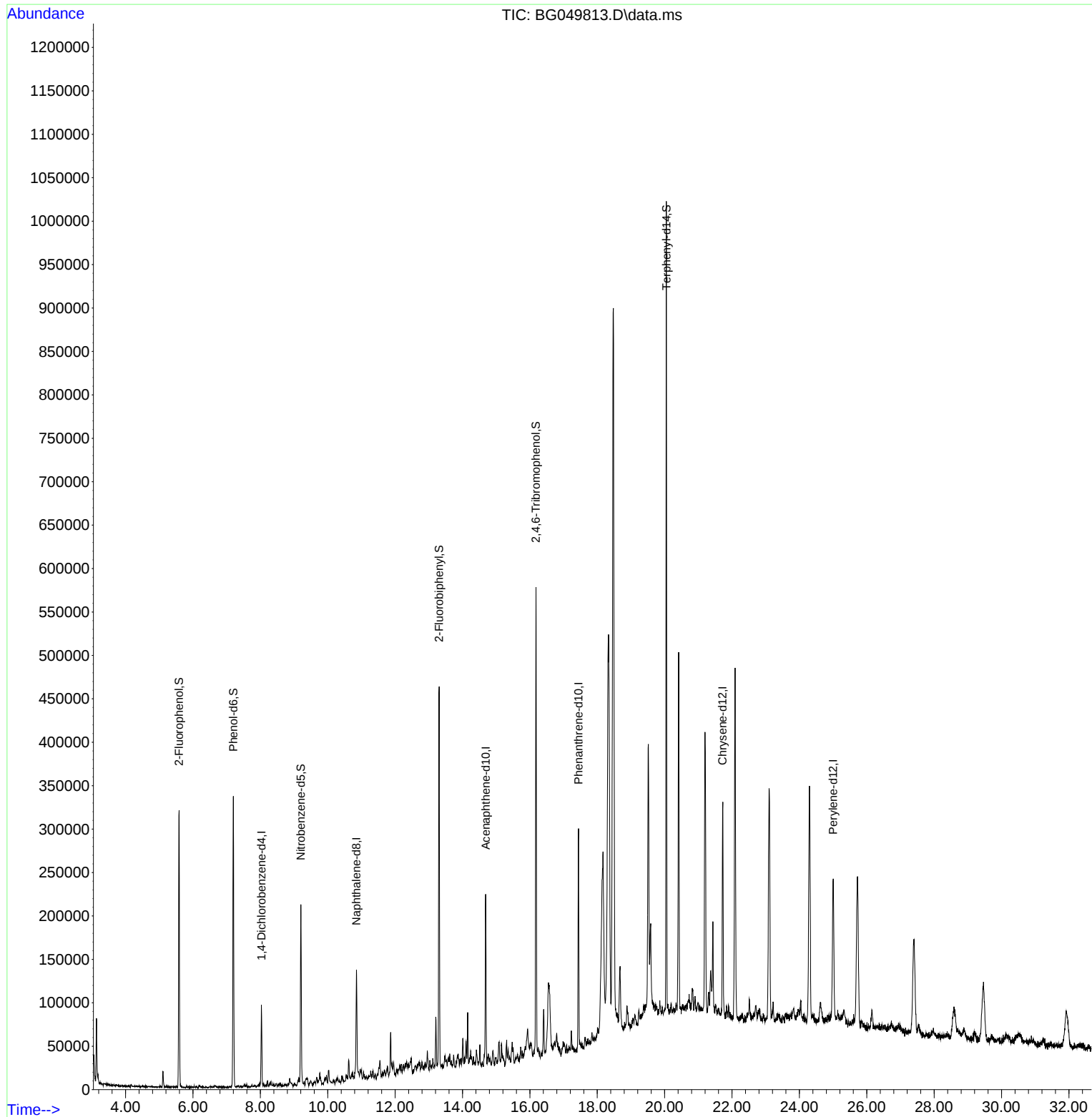
Target Compounds	Qvalue

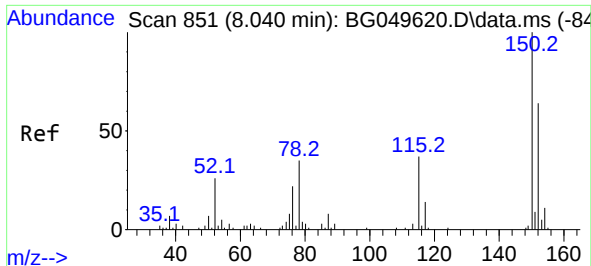
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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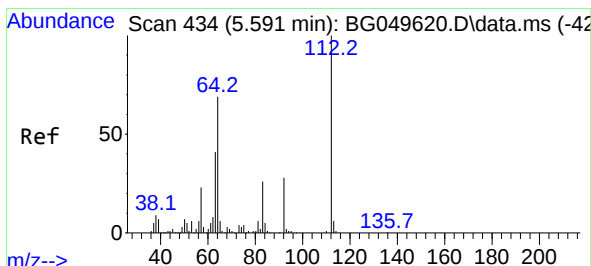
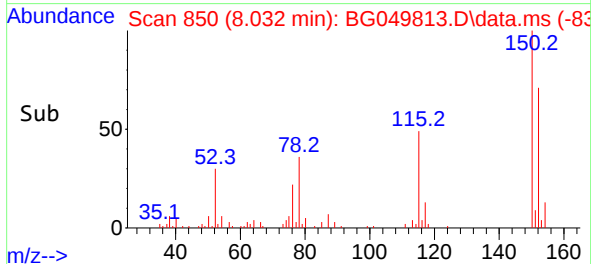
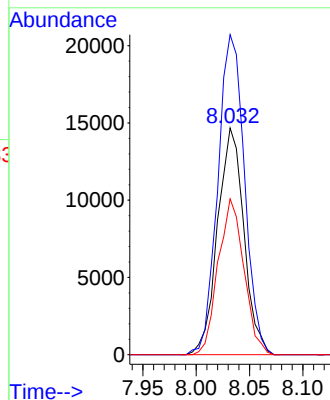
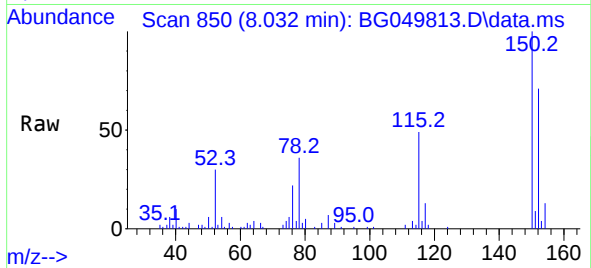




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.032 min Scan# 850
Delta R.T. -0.008 min
Lab File: BG049813.D
Acq: 12 Aug 2021 11:36

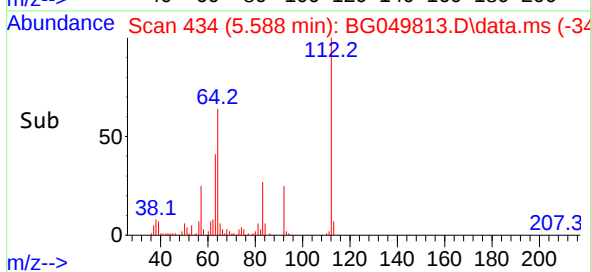
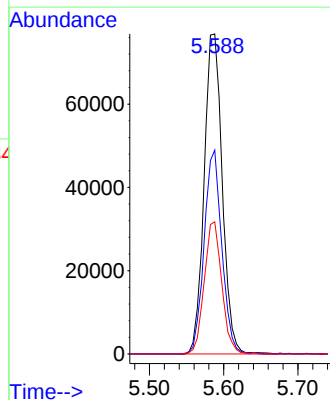
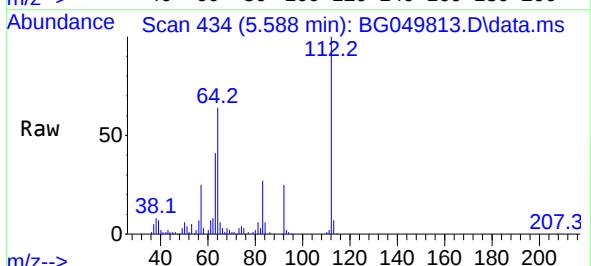
Instrument :
BNA_G
ClientSampleId :
LPA-1

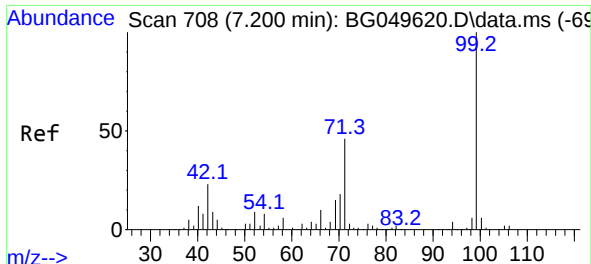
Tgt Ion:152 Resp: 25143
Ion Ratio Lower Upper
152 100
150 141.1 119.4 179.0
115 68.7 60.2 90.4



#5
2-Fluorophenol
Concen: 93.123 ng
RT: 5.588 min Scan# 434
Delta R.T. -0.003 min
Lab File: BG049813.D
Acq: 12 Aug 2021 11:36

Tgt Ion:112 Resp: 130613
Ion Ratio Lower Upper
112 100
64 63.7 46.7 70.1
63 41.3 35.3 52.9

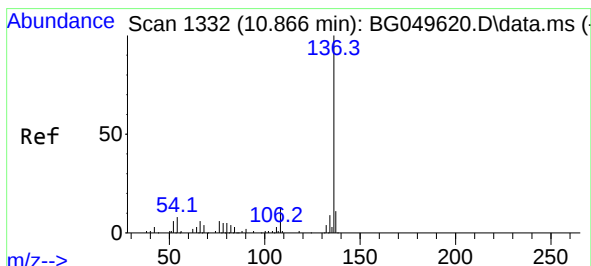
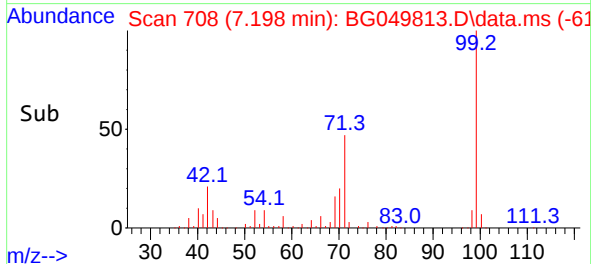
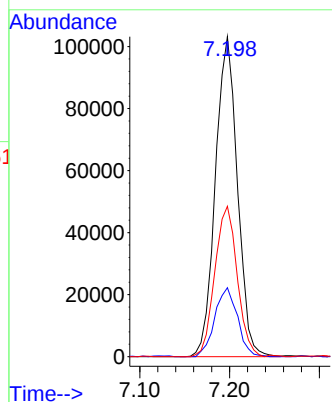
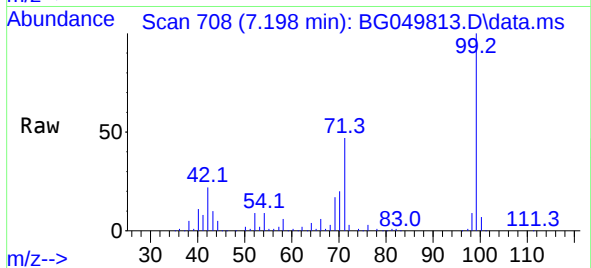




#7
Phenol-d6
Concen: 82.678 ng
RT: 7.198 min Scan# 708
Delta R.T. -0.003 min
Lab File: BG049813.D
Acq: 12 Aug 2021 11:36

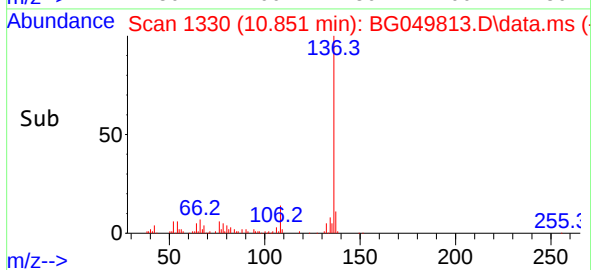
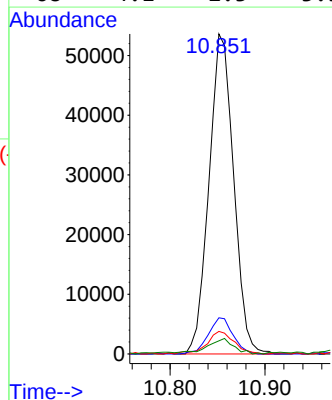
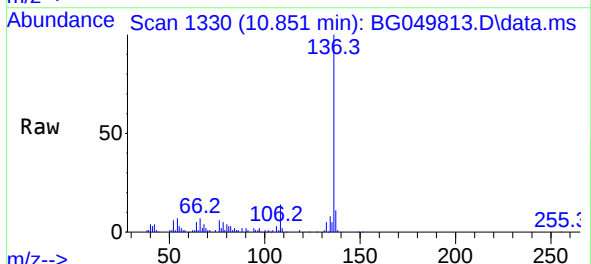
Instrument :
BNA_G
ClientSampleId :
LPA-1

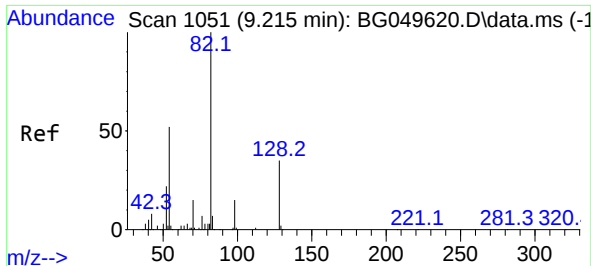
Tgt Ion: 99 Resp: 175538
Ion Ratio Lower Upper
99 100
42 21.6 20.5 30.7
71 47.0 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.851 min Scan# 1330
Delta R.T. -0.015 min
Lab File: BG049813.D
Acq: 12 Aug 2021 11:36

Tgt Ion: 136 Resp: 96616
Ion Ratio Lower Upper
136 100
137 11.3 8.2 12.2
54 7.1 5.5 8.3
68 4.1 2.3 3.5#

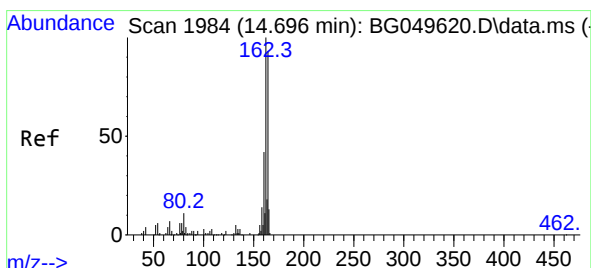
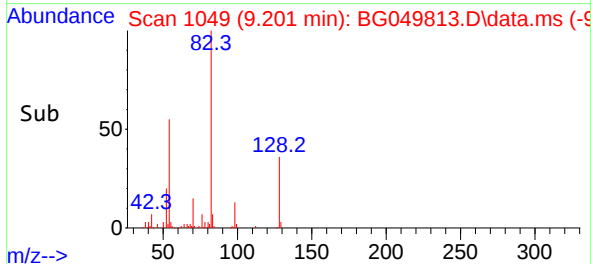
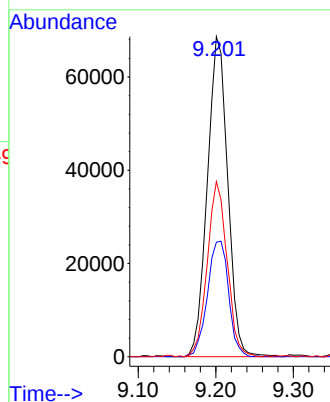
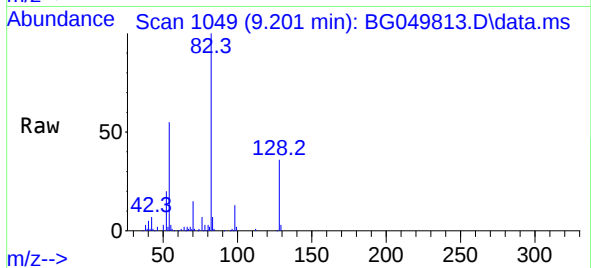




#23
Nitrobenzene-d5
Concen: 57.451 ng
RT: 9.201 min Scan# 1049
Delta R.T. -0.014 min
Lab File: BG049813.D
Acq: 12 Aug 2021 11:36

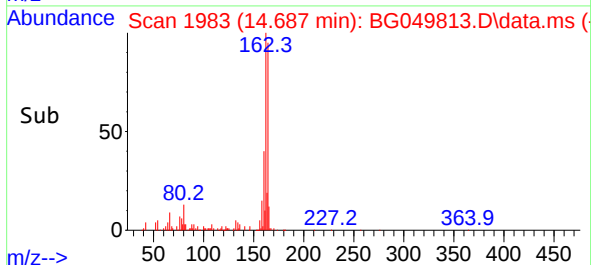
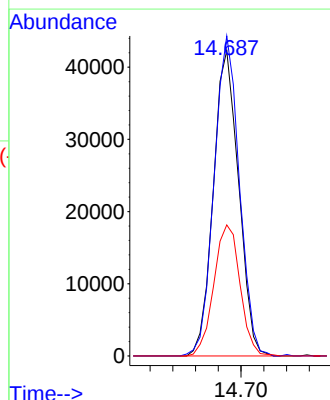
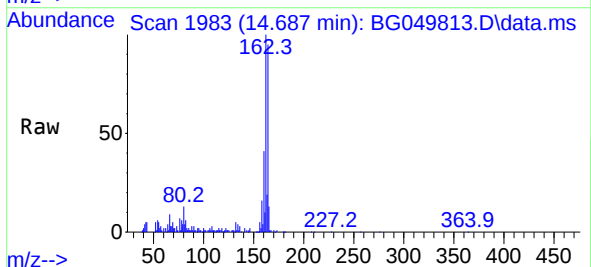
Instrument :
BNA_G
ClientSampleId :
LPA-1

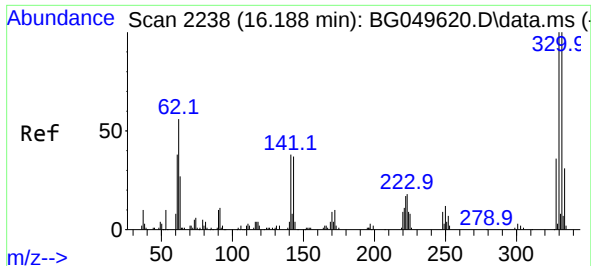
Tgt Ion: 82 Resp: 125437
Ion Ratio Lower Upper
82 100
128 35.8 29.8 44.6
54 54.7 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.687 min Scan# 1983
Delta R.T. -0.009 min
Lab File: BG049813.D
Acq: 12 Aug 2021 11:36

Tgt Ion:164 Resp: 65340
Ion Ratio Lower Upper
164 100
162 104.7 81.4 122.0
160 42.9 34.9 52.3

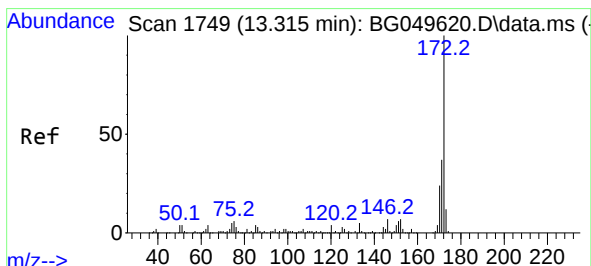
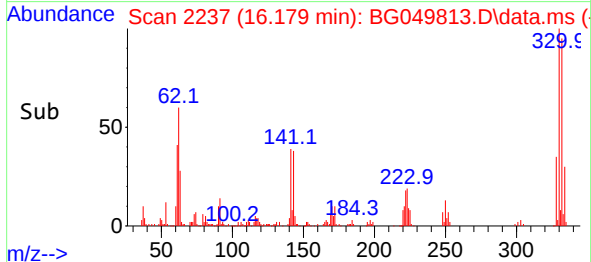
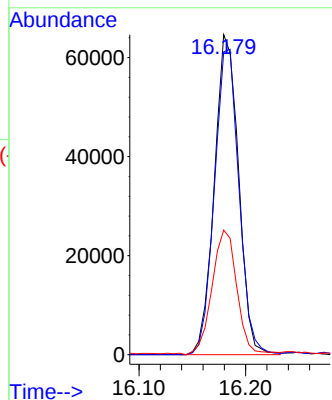
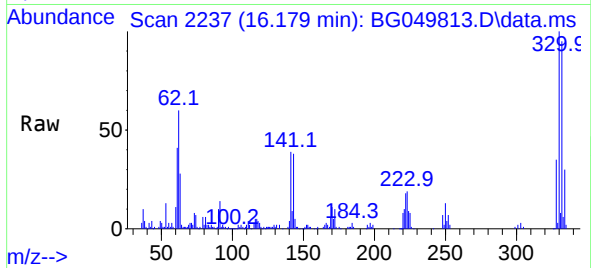




#42
2,4,6-Tribromophenol
Concen: 106.026 ng
RT: 16.179 min Scan# 2237
Delta R.T. -0.009 min
Lab File: BG049813.D
Acq: 12 Aug 2021 11:36

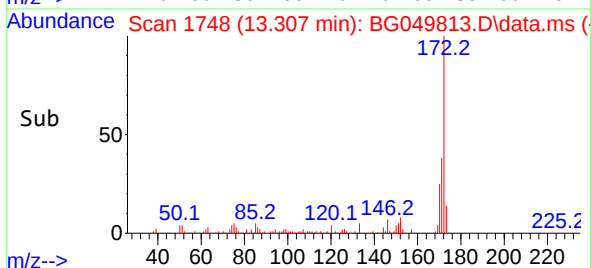
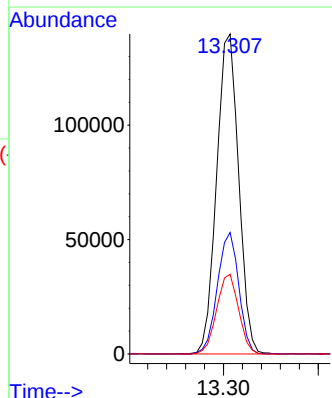
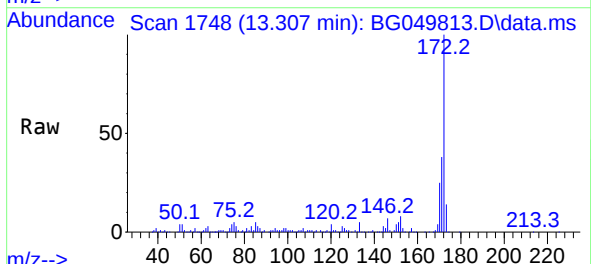
Instrument :
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LPA-1

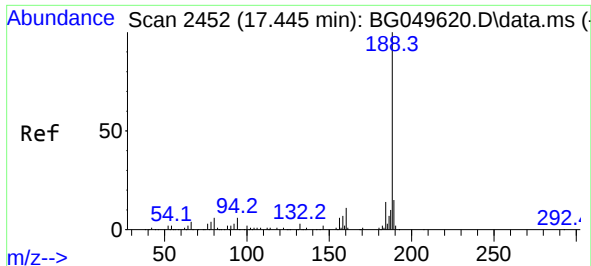
Tgt Ion:330 Resp: 101829
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 40.0 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 50.289 ng
RT: 13.307 min Scan# 1748
Delta R.T. -0.009 min
Lab File: BG049813.D
Acq: 12 Aug 2021 11:36

Tgt Ion:172 Resp: 225821
Ion Ratio Lower Upper
172 100
171 38.0 28.6 43.0
170 24.9 18.6 27.8

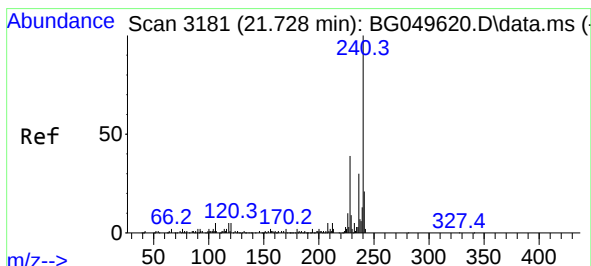
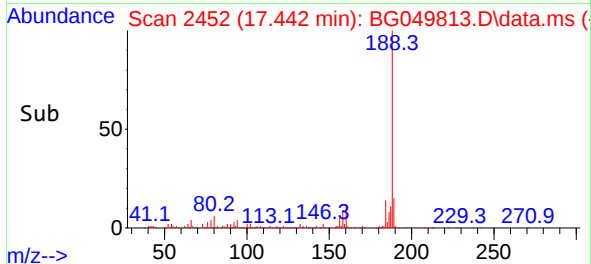
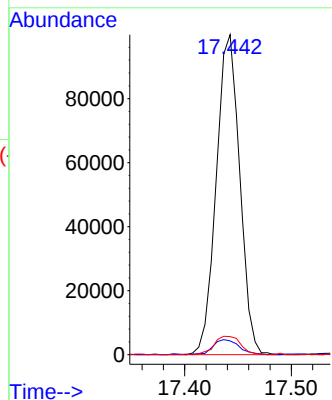
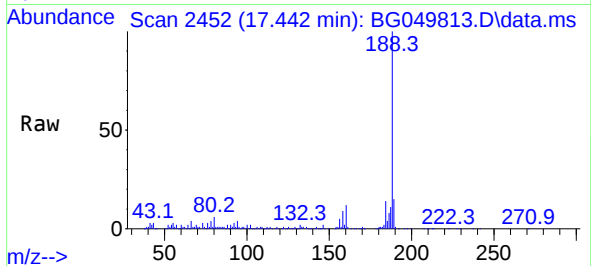




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.442 min Scan# 2452
Delta R.T. -0.003 min
Lab File: BG049813.D
Acq: 12 Aug 2021 11:36

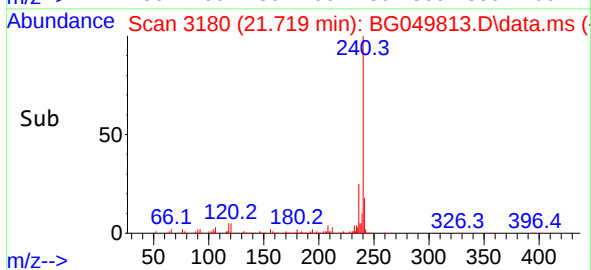
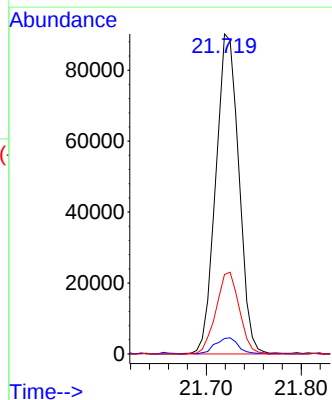
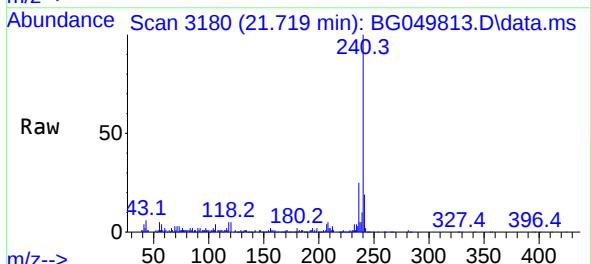
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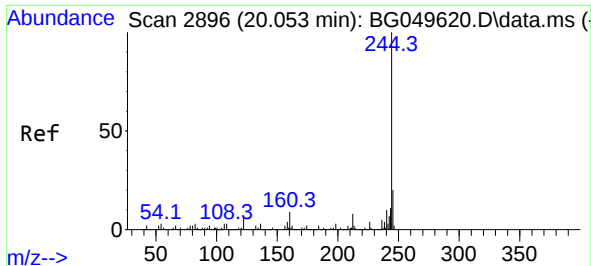
Tgt Ion:188 Resp: 152640
Ion Ratio Lower Upper
188 100
94 4.3 5.4 8.0#
80 5.6 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.719 min Scan# 3180
Delta R.T. -0.009 min
Lab File: BG049813.D
Acq: 12 Aug 2021 11:36

Tgt Ion:240 Resp: 152762
Ion Ratio Lower Upper
240 100
120 4.9 4.2 6.2
236 24.9 21.8 32.6

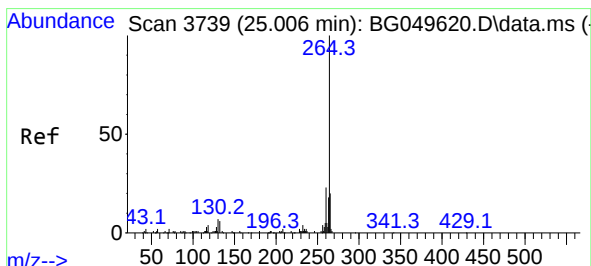
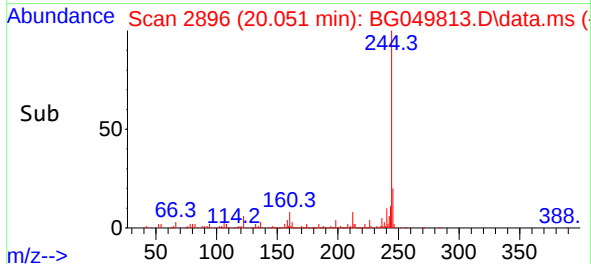
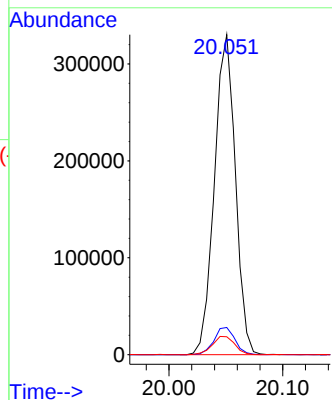
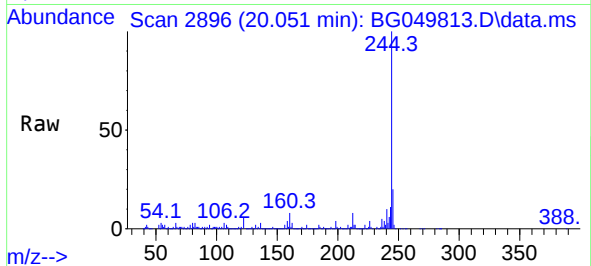




#79
Terphenyl-d14
Concen: 50.261 ng
RT: 20.051 min Scan# 2896
Delta R.T. -0.003 min
Lab File: BG049813.D
Acq: 12 Aug 2021 11:36

Instrument :
BNA_G
ClientSampleId :
LPA-1

Tgt Ion:244	Resp:	422750
Ion Ratio	Lower	Upper
244	100	
212	8.5	6.9 10.3
122	5.6	5.0 7.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.003 min Scan# 3739
Delta R.T. -0.003 min
Lab File: BG049813.D
Acq: 12 Aug 2021 11:36

Tgt Ion:264	Resp:	161913
Ion Ratio	Lower	Upper
264	100	
260	24.6	19.4 29.2
265	21.7	16.9 25.3

