

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062621\
 Data File : BG049114.D
 Acq On : 26 Jun 2021 18:37
 Operator : CG/JU
 Sample : M2826-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-1(SLUDGE)

Quant Time: Jun 27 04:33:04 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 24 11:02:36 2021
 Response via : Initial Calibration

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

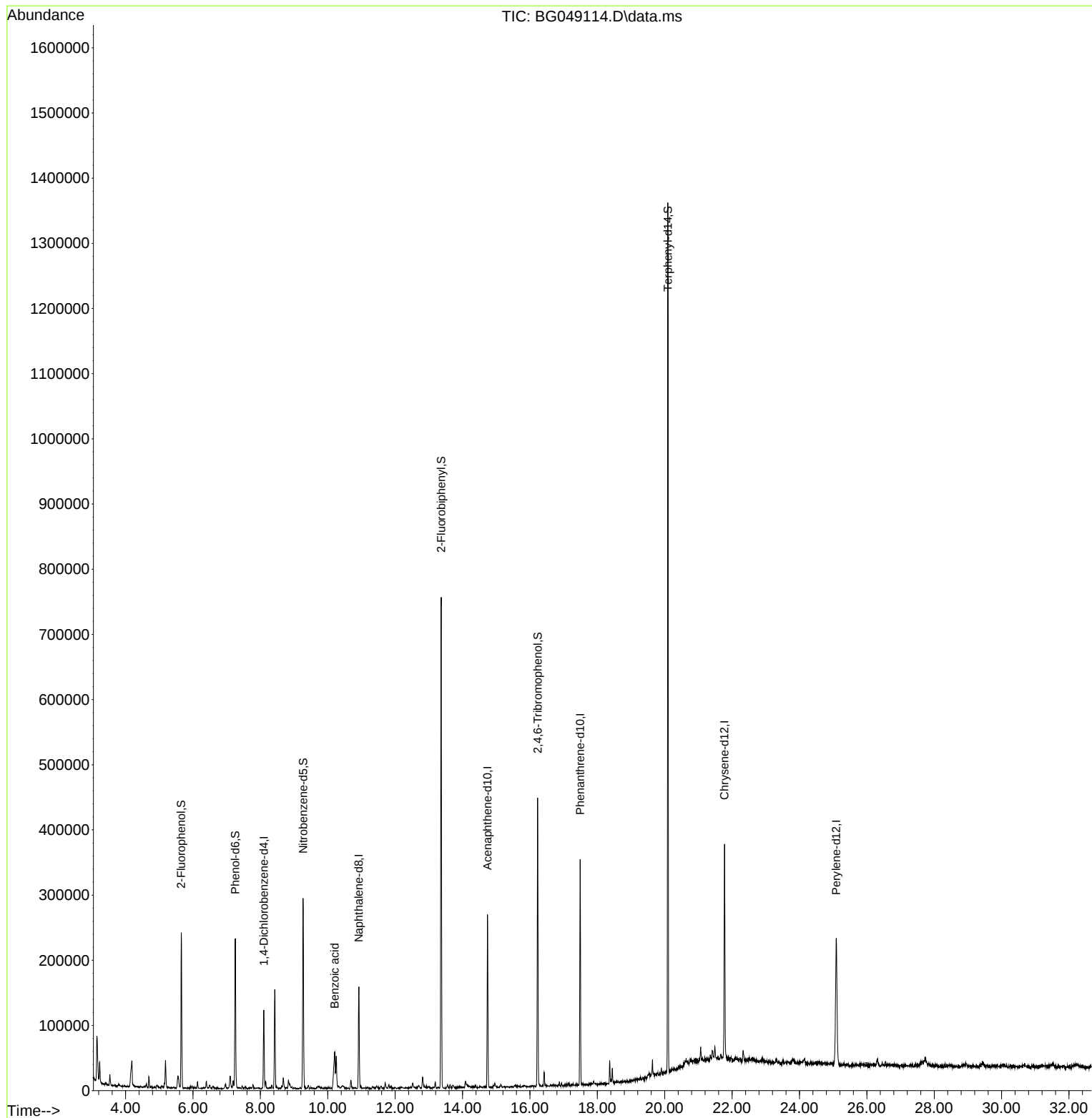
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	31368	20.00	ng	0.00
21) Naphthalene-d8	10.923	136	126172	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	94818	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	221058	20.00	ng	# 0.00
76) Chrysene-d12	21.775	240	209294	20.00	ng	-0.01
86) Perylene-d12	25.089	264	220969	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	95505	47.40	ng	0.00
7) Phenol-d6	7.257	99	118322	39.18	ng	0.00
23) Nitrobenzene-d5	9.266	82	170209	58.17	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	88639	63.10	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	387541	57.74	ng	0.00
79) Terphenyl-d14	20.095	244	628778	55.02	ng	0.00
Target Compounds						
32) Benzoic acid	10.201	122	28401	21.45	ng	# 72

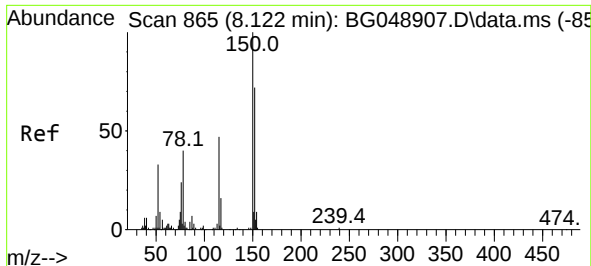
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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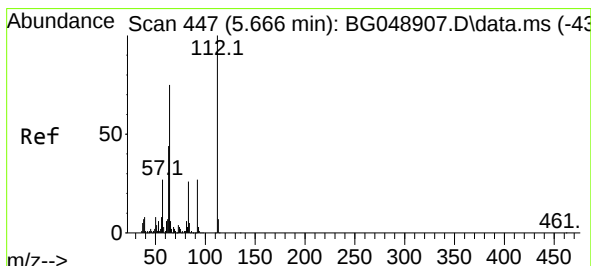
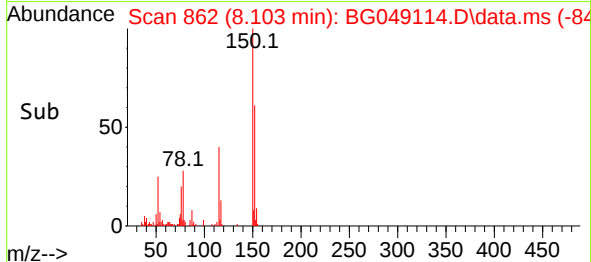
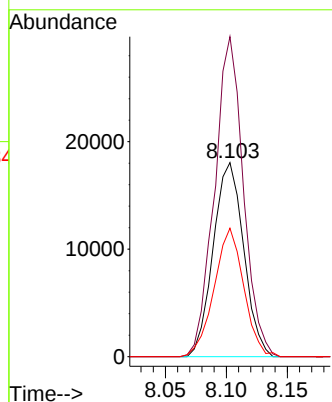
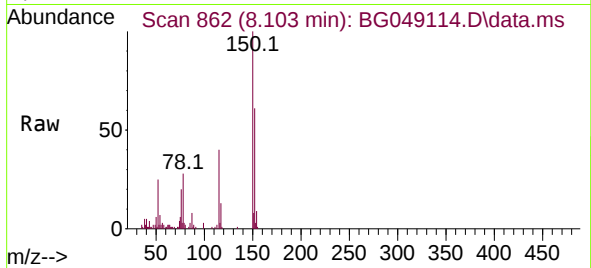




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.103 min Scan# 862
Delta R.T. -0.002 min
Lab File: BG049114.D
Acq: 26 Jun 2021 18:37

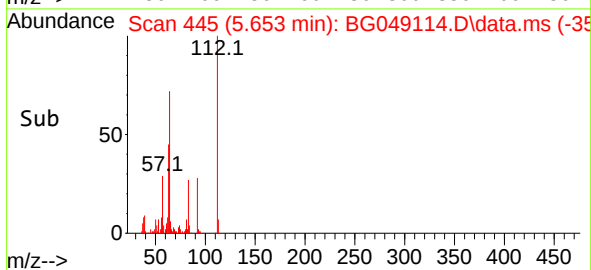
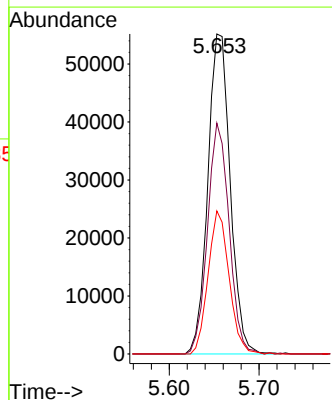
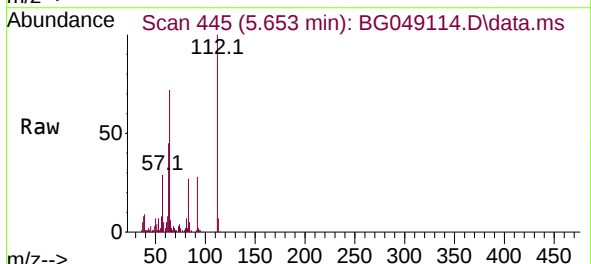
Instrument :
BNA_G
ClientSampleId :
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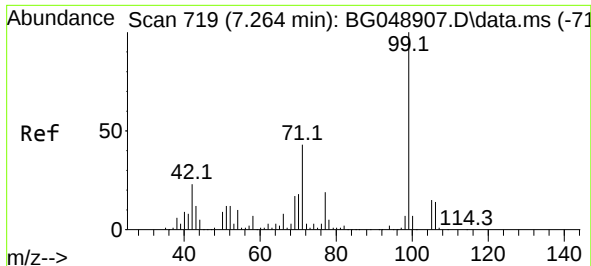
Tgt Ion:152 Resp: 31368
Ion Ratio Lower Upper
152 100
150 164.9 119.4 179.0
115 66.2 60.2 90.4



#5
2-Fluorophenol
Concen: 47.40 ng
RT: 5.653 min Scan# 445
Delta R.T. -0.002 min
Lab File: BG049114.D
Acq: 26 Jun 2021 18:37

Tgt Ion:112 Resp: 95505
Ion Ratio Lower Upper
112 100
64 72.2 46.7 70.1#
63 44.7 35.3 52.9

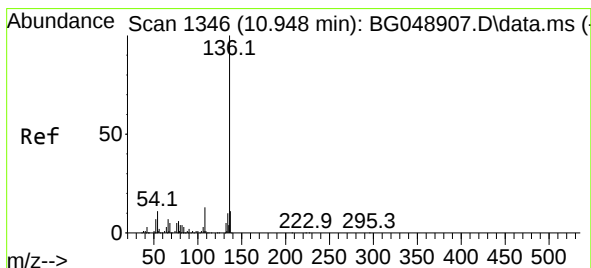
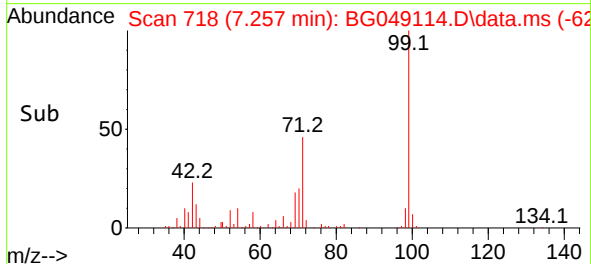
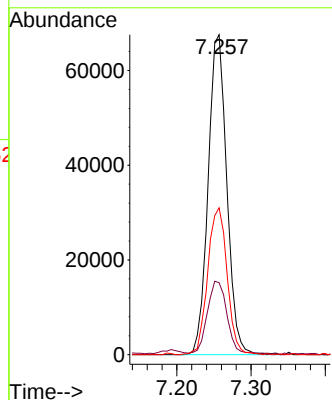
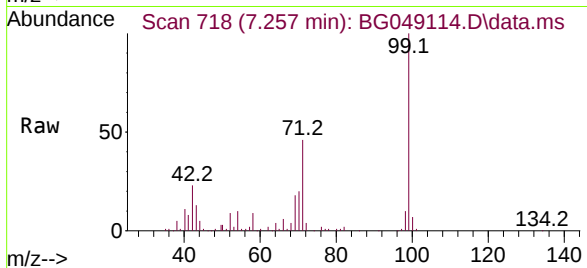




#7
Phenol-d6
Concen: 39.18 ng
RT: 7.257 min Scan# 718
Delta R.T. -0.002 min
Lab File: BG049114.D
Acq: 26 Jun 2021 18:37

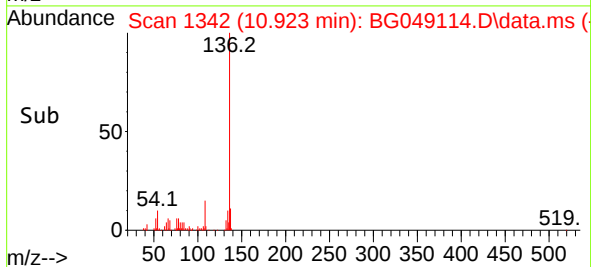
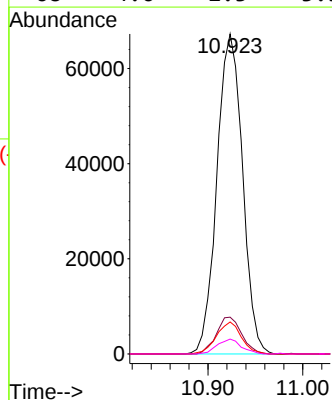
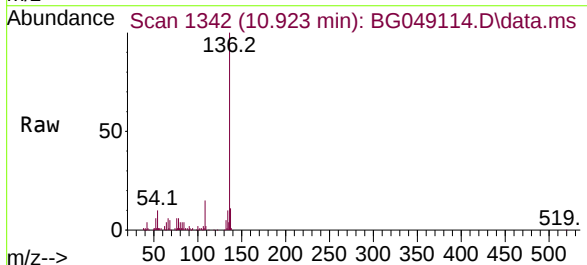
Instrument :
BNA_G
ClientSampleId :
SS-1(SLUDGE)

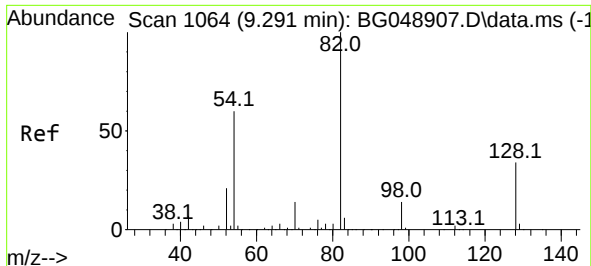
Tgt Ion: 99 Resp: 118322
Ion Ratio Lower Upper
99 100
42 22.5 20.5 30.7
71 45.9 41.5 62.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1342
Delta R.T. -0.002 min
Lab File: BG049114.D
Acq: 26 Jun 2021 18:37

Tgt Ion: 136 Resp: 126172
Ion Ratio Lower Upper
136 100
137 11.5 8.2 12.2
54 10.0 5.5 8.3#
68 4.6 2.3 3.5#





#23

Nitrobenzene-d5

Concen: 58.17 ng

RT: 9.266 min Scan# 1060

Delta R.T. -0.008 min

Lab File: BG049114.D

Acq: 26 Jun 2021 18:37

Tgt Ion: 82 Resp: 170209

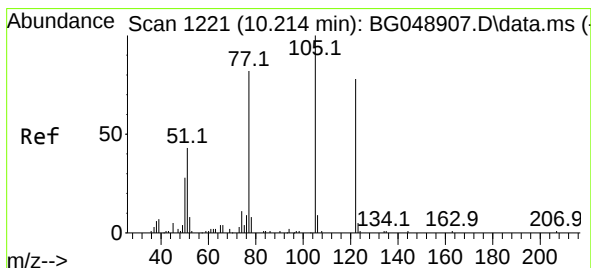
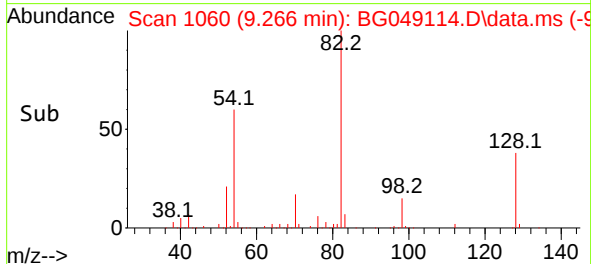
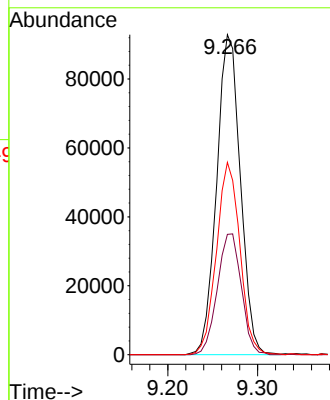
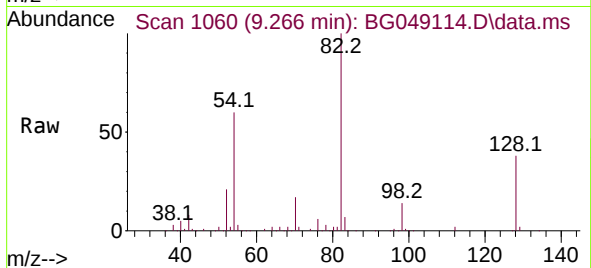
Ion	Ratio	Lower	Upper
82	100		
128	37.6	29.8	44.6
54	60.1	45.8	68.8

Instrument :

BNA_G

ClientSampleId :

SS-1(SLUDGE)



#32

Benzoic acid

Concen: 21.45 ng

RT: 10.201 min Scan# 1219

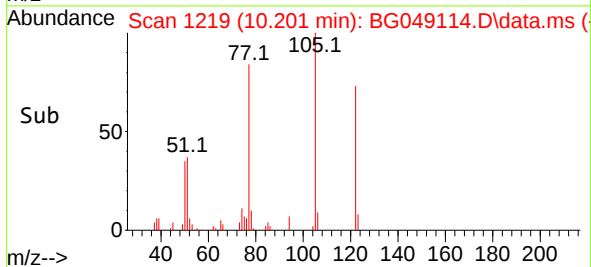
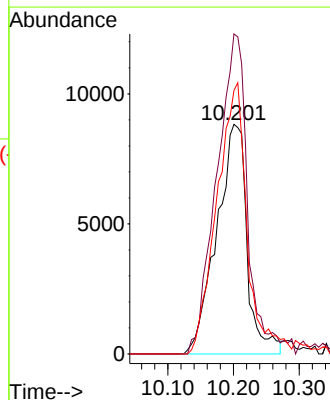
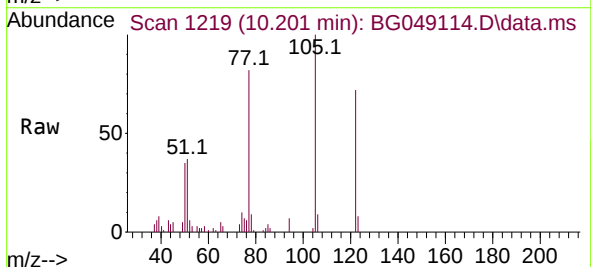
Delta R.T. -0.032 min

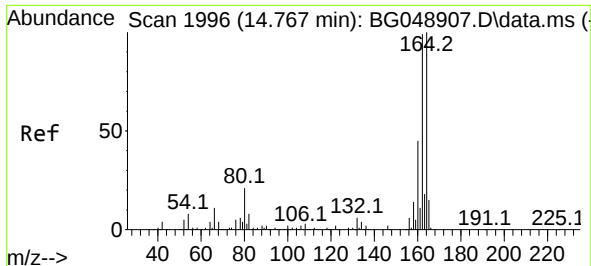
Lab File: BG049114.D

Acq: 26 Jun 2021 18:37

Tgt Ion:122 Resp: 28401

Ion	Ratio	Lower	Upper
122	100		
105	139.4	92.3	132.3#
77	114.8	66.5	106.5#

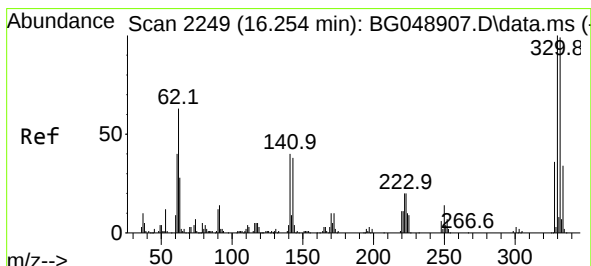
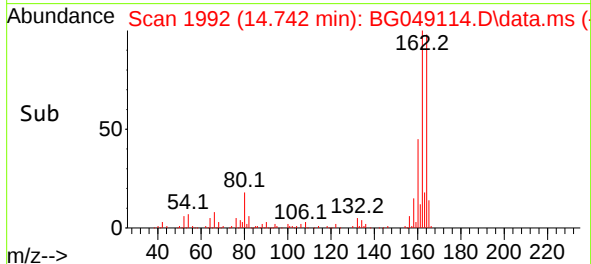
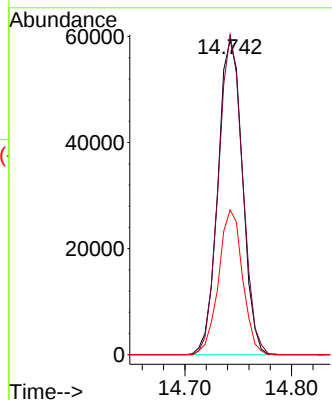
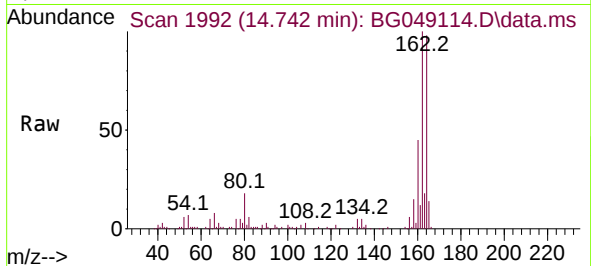




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1992
Delta R.T. -0.008 min
Lab File: BG049114.D
Acq: 26 Jun 2021 18:37

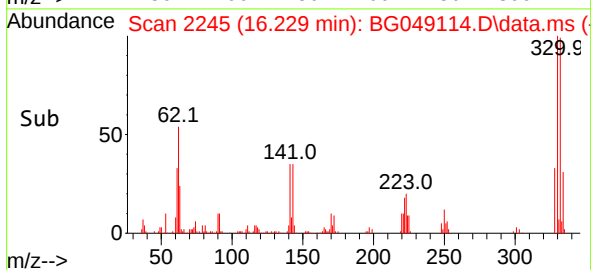
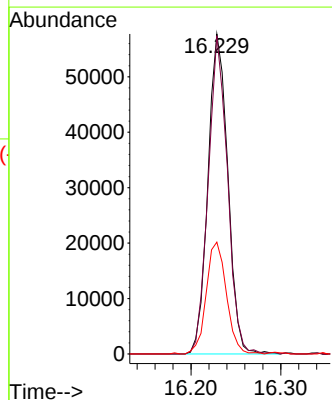
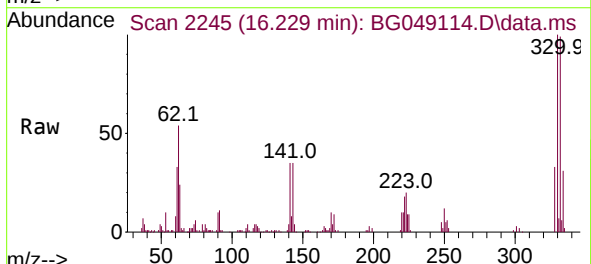
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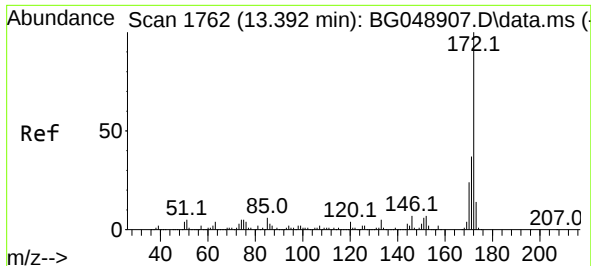
Tgt Ion:164 Resp: 94818
Ion Ratio Lower Upper
164 100
162 101.8 81.4 122.0
160 46.1 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 63.10 ng
RT: 16.229 min Scan# 2245
Delta R.T. -0.008 min
Lab File: BG049114.D
Acq: 26 Jun 2021 18:37

Tgt Ion:330 Resp: 88639
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 35.5 35.6 53.4#

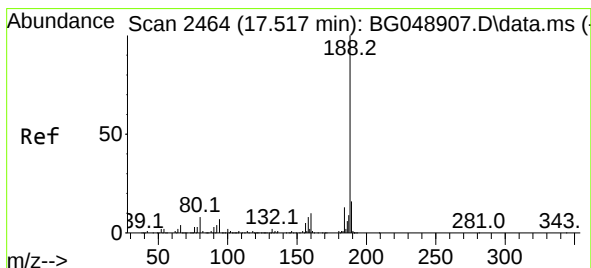
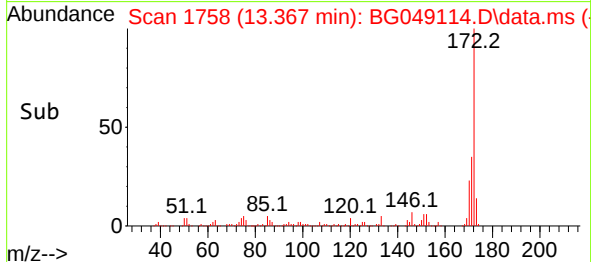
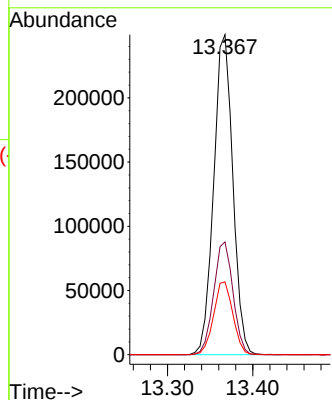
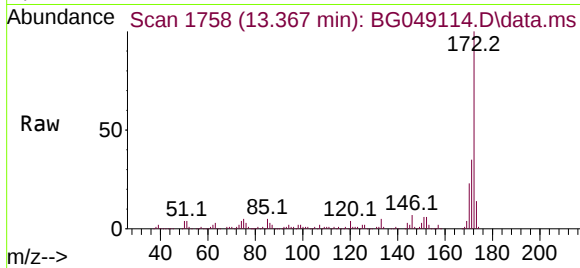




#45
2-Fluorobiphenyl
Concen: 57.74 ng
RT: 13.367 min Scan# 1758
Delta R.T. -0.002 min
Lab File: BG049114.D
Acq: 26 Jun 2021 18:37

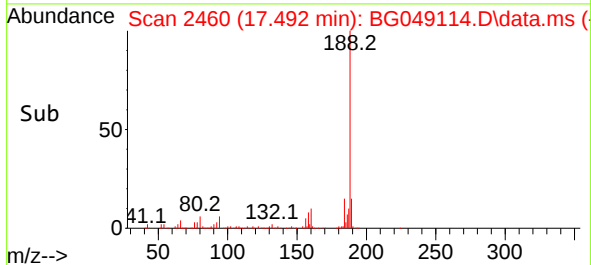
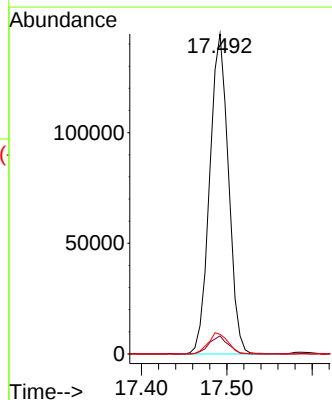
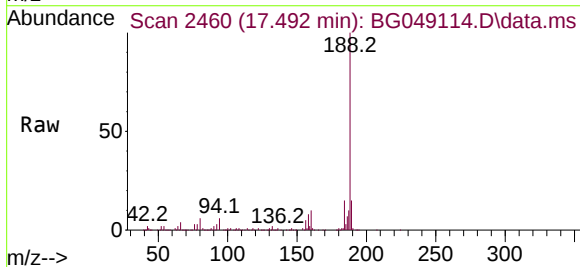
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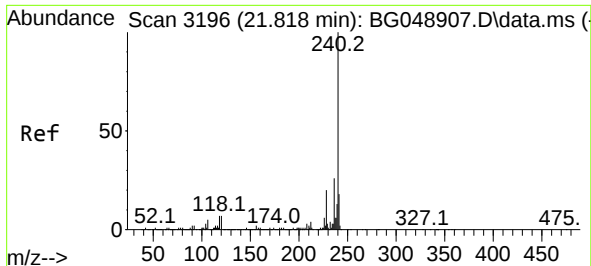
Tgt Ion:	172	Resp:	387541
Ion Ratio	Lower	Upper	
172	100		
171	35.3	28.6	43.0
170	22.7	18.6	27.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2460
Delta R.T. -0.008 min
Lab File: BG049114.D
Acq: 26 Jun 2021 18:37

Tgt Ion:	188	Resp:	221058
Ion Ratio	Lower	Upper	
188	100		
94	5.7	5.4	8.0
80	6.1	3.7	5.5

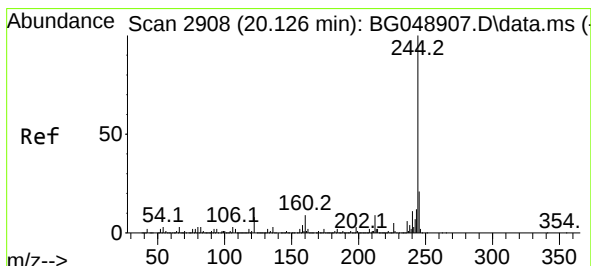
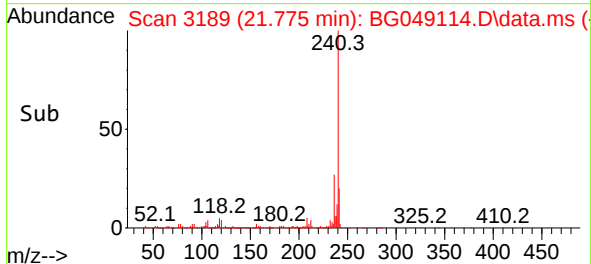
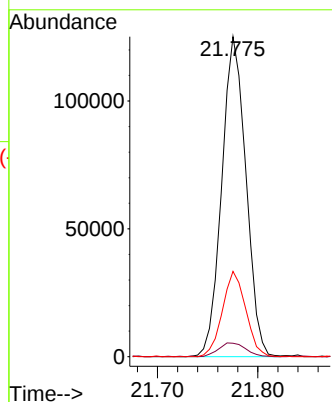
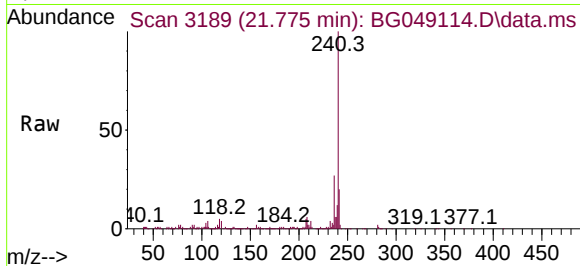




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.775 min Scan# 3189
Delta R.T. -0.014 min
Lab File: BG049114.D
Acq: 26 Jun 2021 18:37

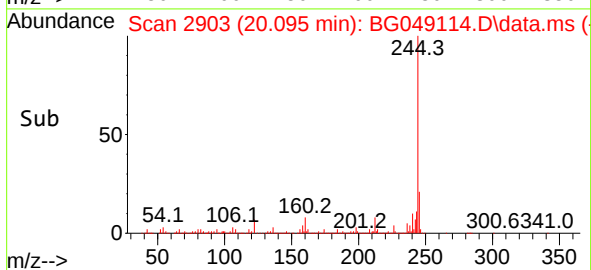
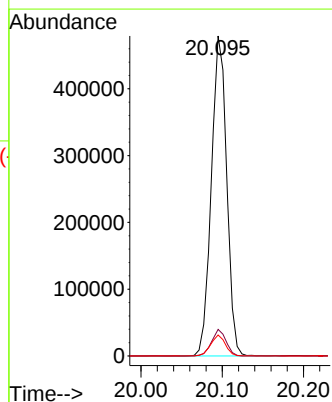
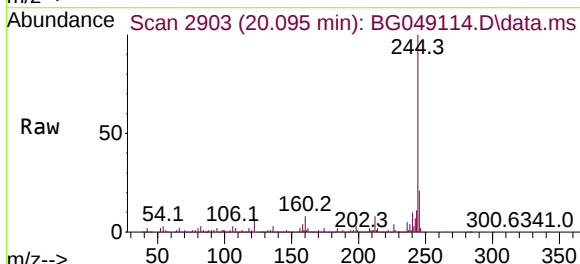
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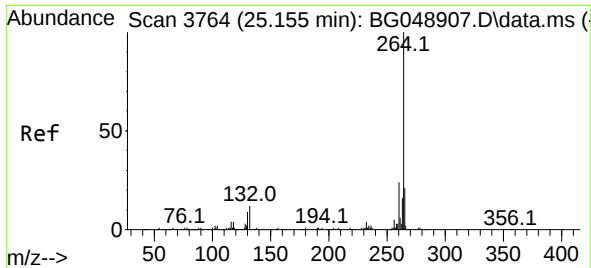
Tgt Ion:240 Resp: 209294
Ion Ratio Lower Upper
240 100
120 4.2 4.2 6.2
236 26.7 21.8 32.6



#79
Terphenyl-d14
Concen: 55.02 ng
RT: 20.095 min Scan# 2903
Delta R.T. -0.008 min
Lab File: BG049114.D
Acq: 26 Jun 2021 18:37

Tgt Ion:244 Resp: 628778
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 6.5 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.089 min Scan# 3753
 Delta R.T. -0.014 min
 Lab File: BG049114.D
 Acq: 26 Jun 2021 18:37

Instrument :
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Tgt Ion:264 Resp: 220969
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 22.4 16.9 25.3

