

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
 Data File : BG054349.D
 Acq On : 21 Jul 2022 17:46
 Operator : CG/JU
 Sample : N3767-03RE 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TANK-NRE

Quant Time: Jul 22 02:37:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

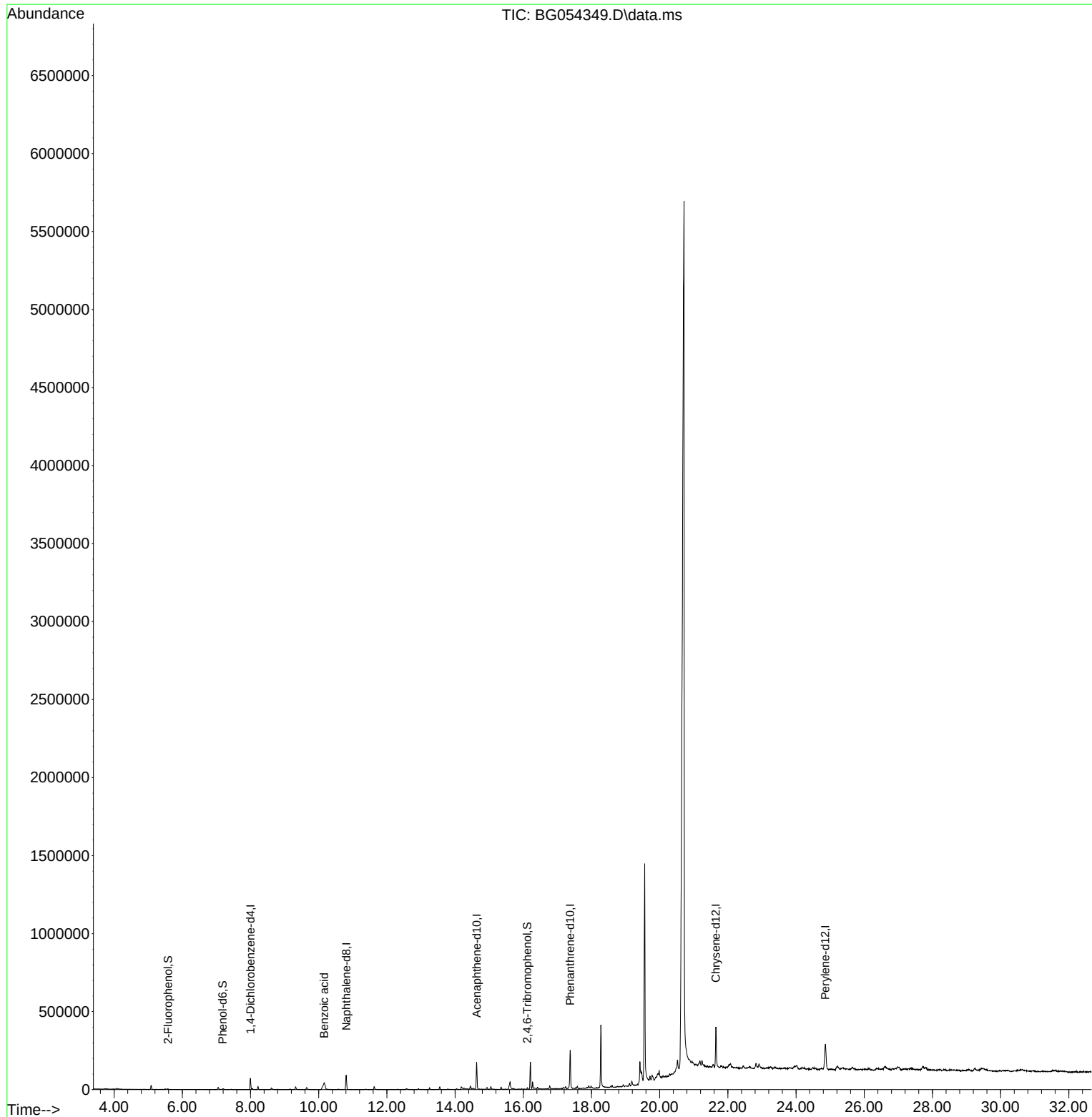
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	23206	20.000	ng	# 0.00
21) Naphthalene-d8	10.808	136	85543	20.000	ng	# 0.00
39) Acenaphthene-d10	14.633	164	68756	20.000	ng	0.00
64) Phenanthrene-d10	17.377	188	163071	20.000	ng	# 0.00
76) Chrysene-d12	21.648	240	183356	20.000	ng	# 0.00
86) Perylene-d12	24.856	264	193493	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.579	112	2680	2.411	ng	0.01
7) Phenol-d6	7.183	99	3239	2.127	ng	0.01
23) Nitrobenzene-d5	9.163	82	2391	1.522	ng	0.00
42) 2,4,6-Tribromophenol	16.119	330	3399	2.354	ng	0.00
45) 2-Fluorobiphenyl	13.252	172	8207	1.684	ng	0.00
79) Terphenyl-d14	19.985	244	17961	1.943	ng	0.00
Target Compounds						
32) Benzoic acid	10.162	122	32357	71.746	ng	Qvalue # 84

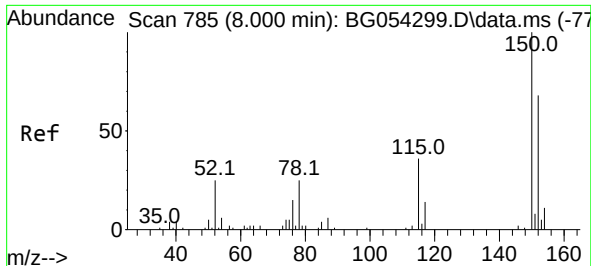
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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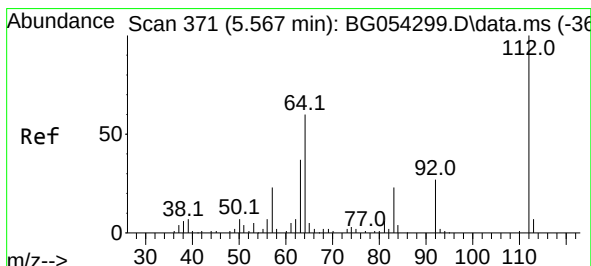
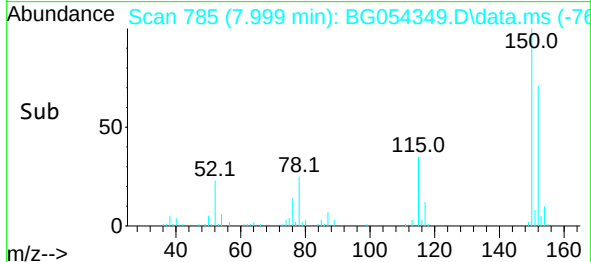
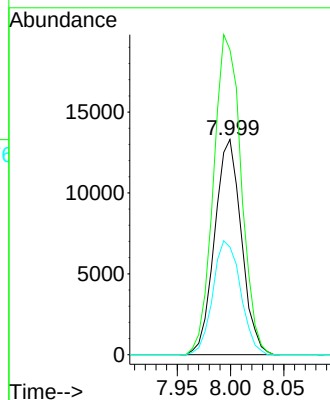
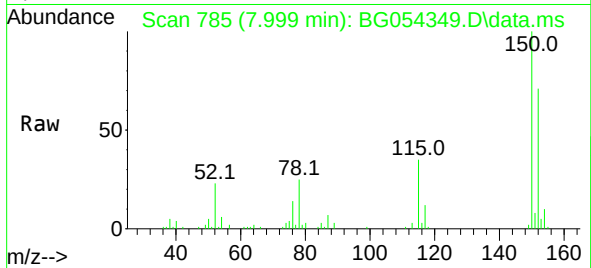




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.999 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG054349.D
Acq: 21 Jul 2022 17:46

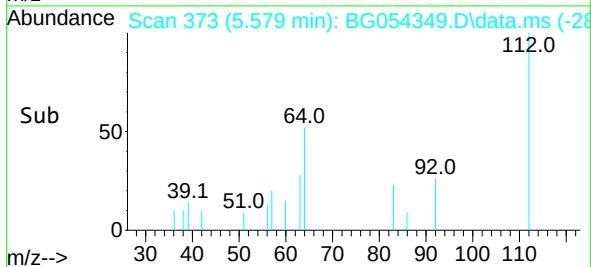
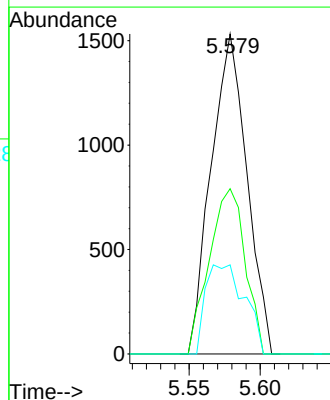
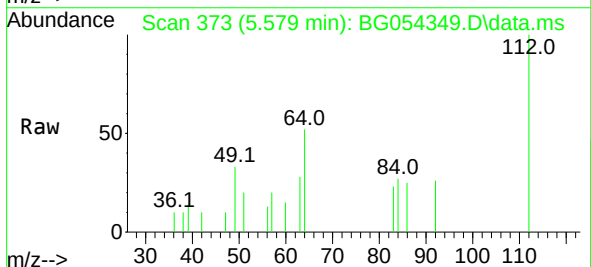
Instrument :
BNA_G
ClientSampleId :
TANK-NRE

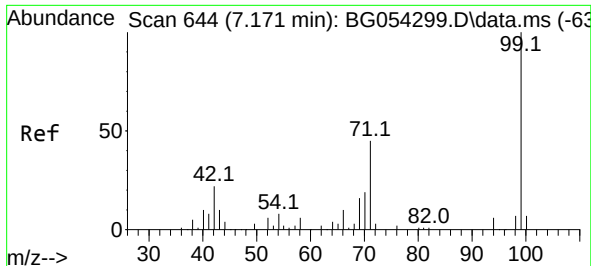
Tgt Ion:152 Resp: 23206
Ion Ratio Lower Upper
152 100
150 141.8 131.6 197.4
115 50.0 50.9 76.3#



#5
2-Fluorophenol
Concen: 2.411 ng
RT: 5.579 min Scan# 373
Delta R.T. 0.011 min
Lab File: BG054349.D
Acq: 21 Jul 2022 17:46

Tgt Ion:112 Resp: 2680
Ion Ratio Lower Upper
112 100
64 51.6 55.1 82.7#
63 27.9 30.4 45.6#

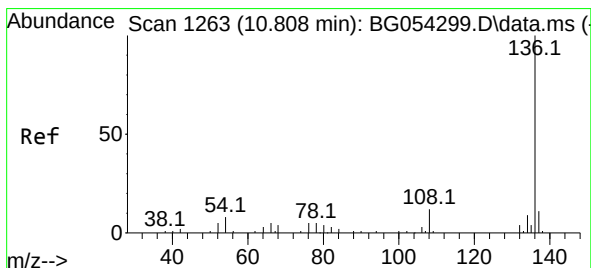
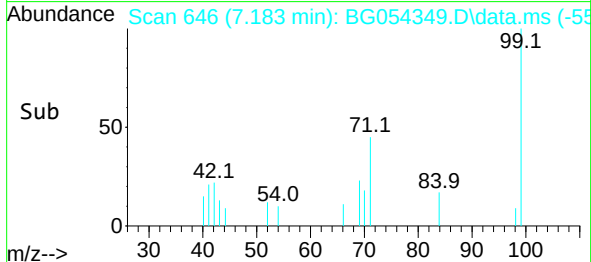
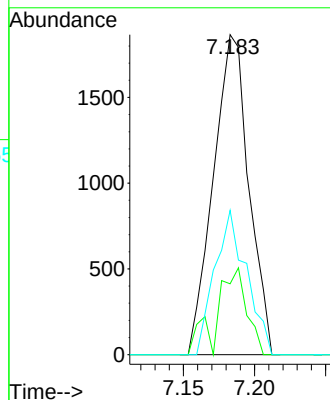
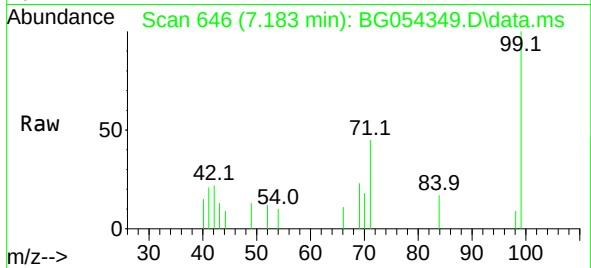




#7
Phenol-d6
Concen: 2.127 ng
RT: 7.183 min Scan# 64
Delta R.T. 0.011 min
Lab File: BG054349.D
Acq: 21 Jul 2022 17:46

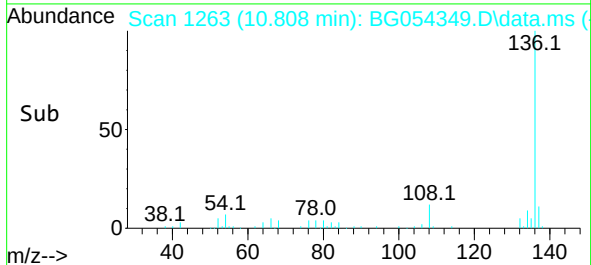
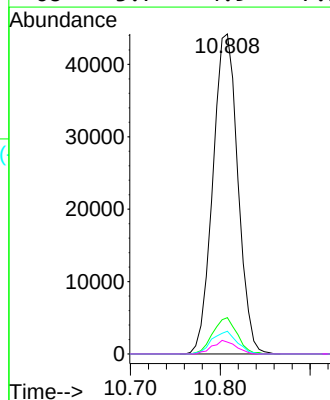
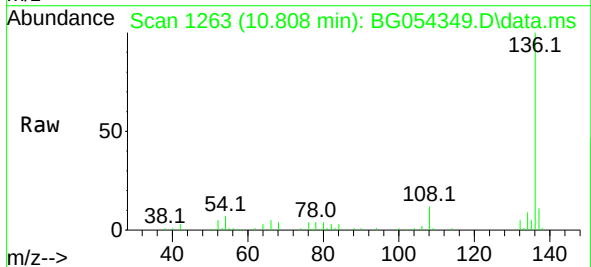
Instrument :
BNA_G
ClientSampleId :
TANK-NRE

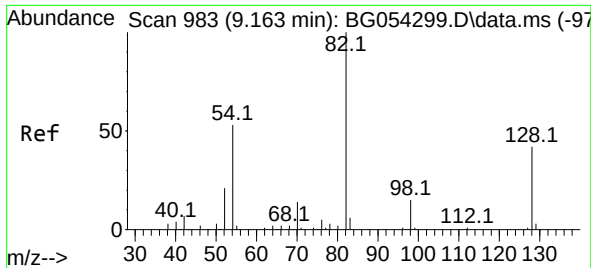
Tgt Ion: 99 Resp: 3239
Ion Ratio Lower Upper
99 100
42 22.1 17.0 25.6
71 45.1 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.808 min Scan# 1263
Delta R.T. -0.000 min
Lab File: BG054349.D
Acq: 21 Jul 2022 17:46

Tgt Ion: 136 Resp: 85543
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 7.1 7.4 11.2#
68 3.7 4.9 7.3#

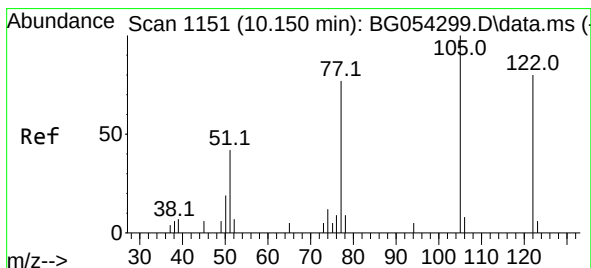
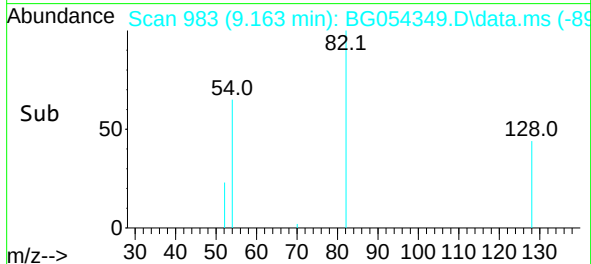
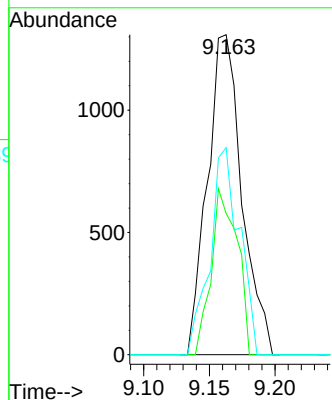
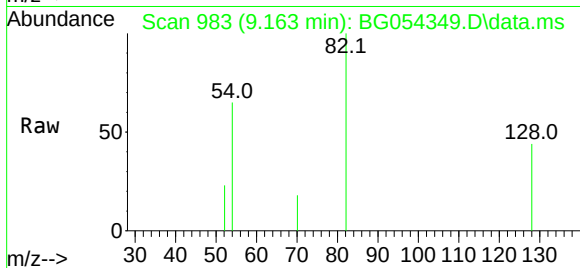




#23
Nitrobenzene-d5
Concen: 1.522 ng
RT: 9.163 min Scan# 91
Delta R.T. -0.000 min
Lab File: BG054349.D
Acq: 21 Jul 2022 17:46

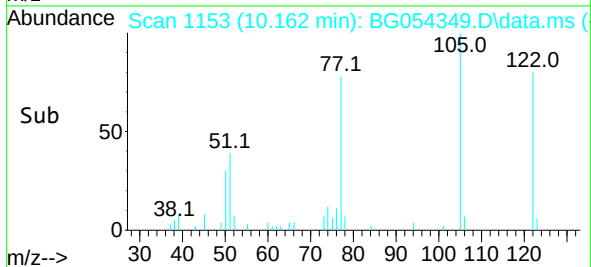
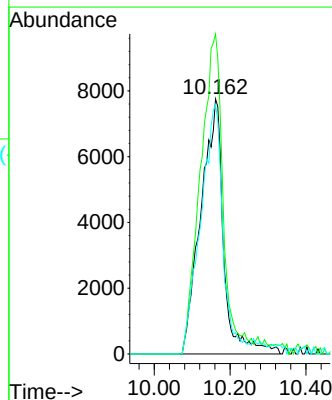
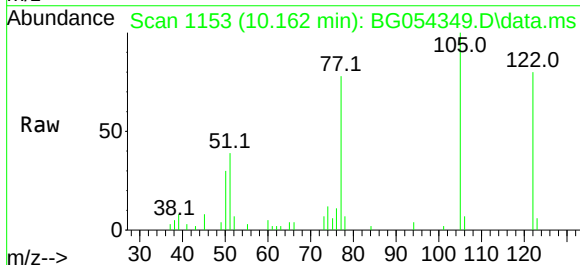
Instrument :
BNA_G
ClientSampleId :
TANK-NRE

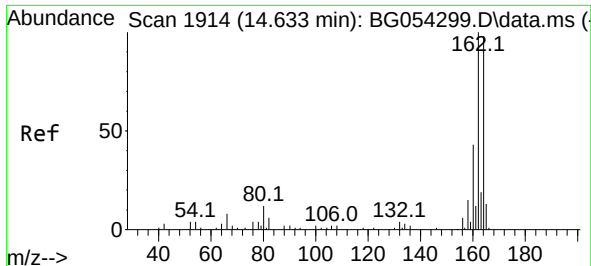
Tgt Ion: 82 Resp: 2391
Ion Ratio Lower Upper
82 100
128 44.2 27.9 41.9#
54 64.7 41.2 61.8#



#32
Benzoic acid
Concen: 71.746 ng
RT: 10.162 min Scan# 1153
Delta R.T. 0.012 min
Lab File: BG054349.D
Acq: 21 Jul 2022 17:46

Tgt Ion:122 Resp: 32357
Ion Ratio Lower Upper
122 100
105 125.4 111.8 151.8
77 97.7 109.4 149.4#

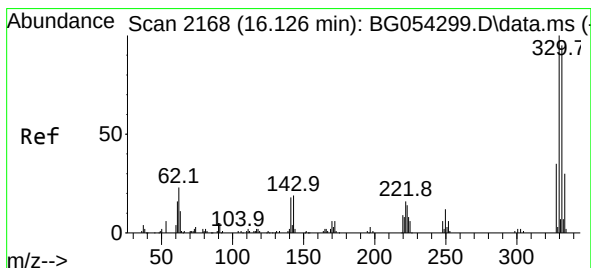
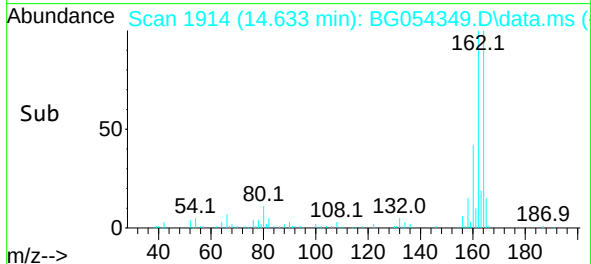
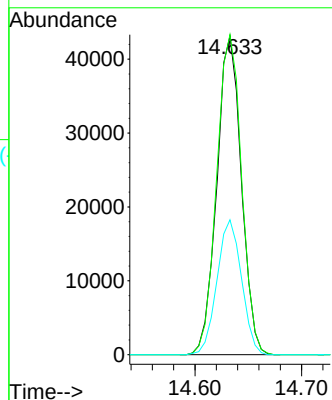
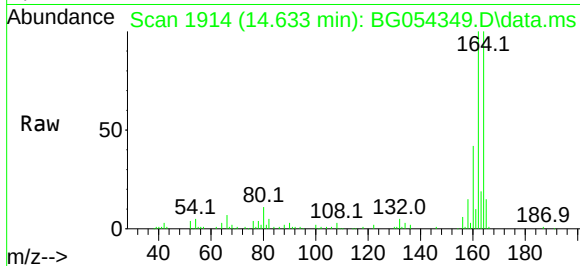




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.633 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BG054349.D
Acq: 21 Jul 2022 17:46

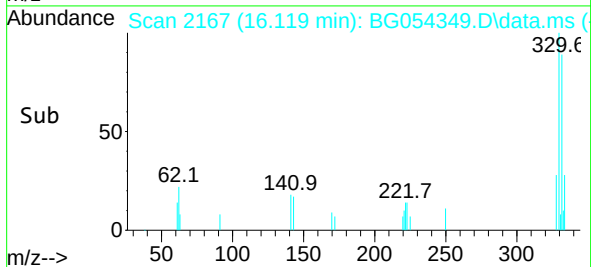
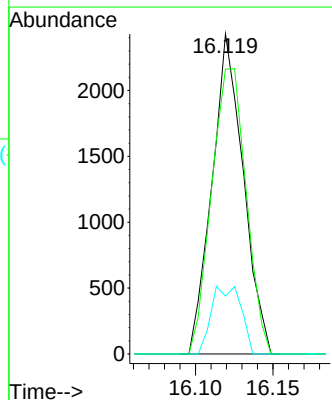
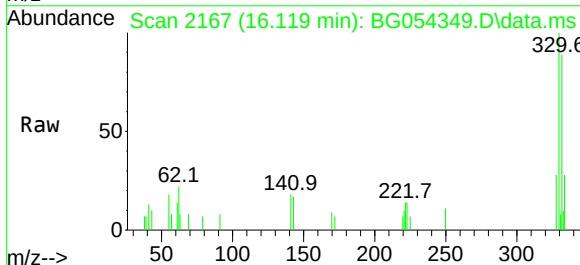
Instrument :
BNA_G
ClientSampleId :
TANK-NRE

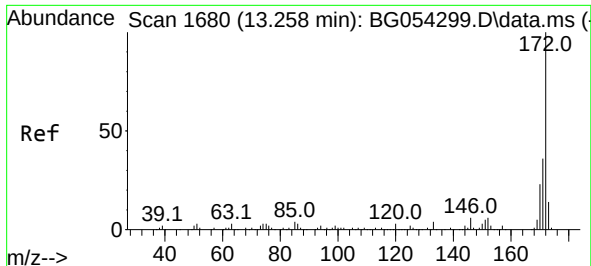
Tgt Ion:164 Resp: 68756
Ion Ratio Lower Upper
164 100
162 100.4 82.3 123.5
160 42.3 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 2.354 ng
RT: 16.119 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BG054349.D
Acq: 21 Jul 2022 17:46

Tgt Ion:330 Resp: 3399
Ion Ratio Lower Upper
330 100
332 98.6 76.0 114.0
141 20.1 27.1 40.7#

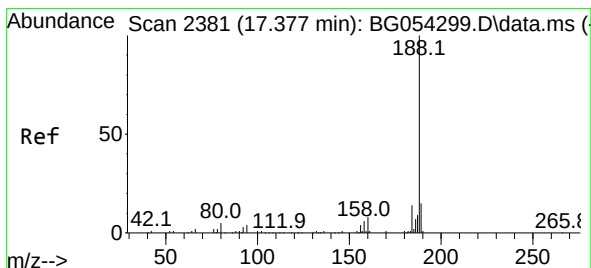
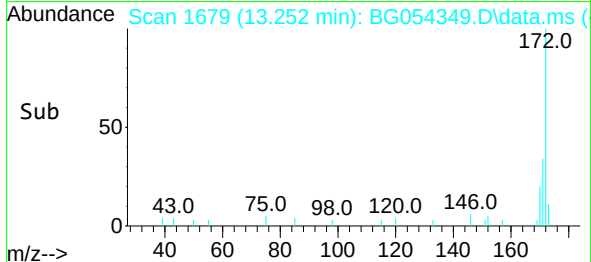
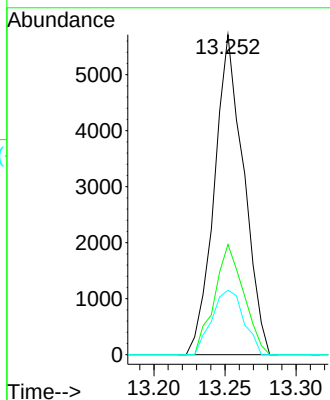
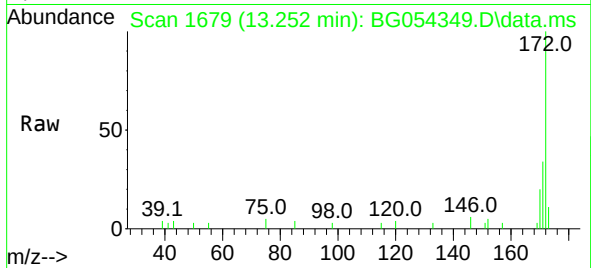




#45
2-Fluorobiphenyl
Concen: 1.684 ng
RT: 13.252 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054349.D
Acq: 21 Jul 2022 17:46

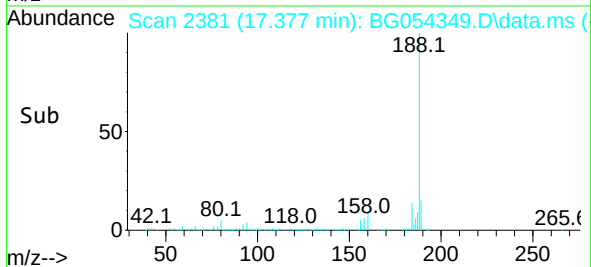
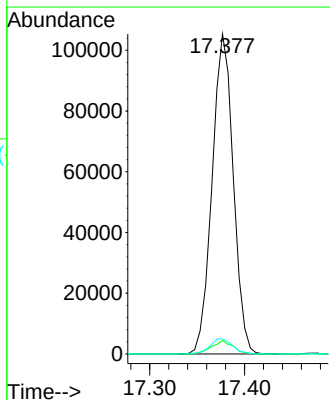
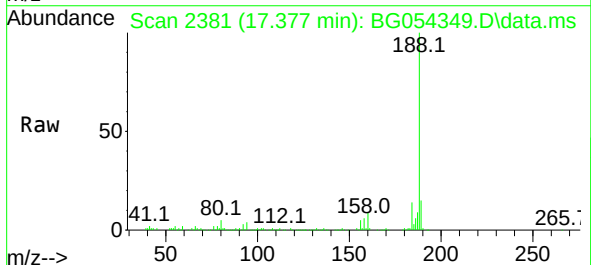
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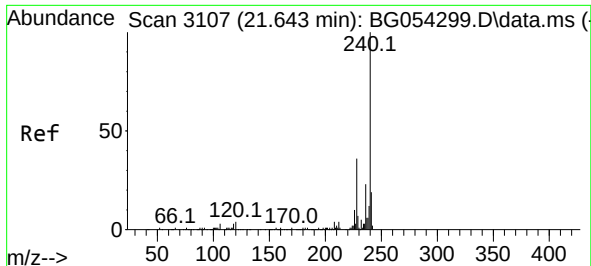
Tgt Ion:172 Resp: 8207
Ion Ratio Lower Upper
172 100
171 34.5 28.5 42.7
170 20.2 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.377 min Scan# 2381
Delta R.T. -0.000 min
Lab File: BG054349.D
Acq: 21 Jul 2022 17:46

Tgt Ion:188 Resp: 163071
Ion Ratio Lower Upper
188 100
94 4.2 5.4 8.0#
80 4.7 6.8 10.2#

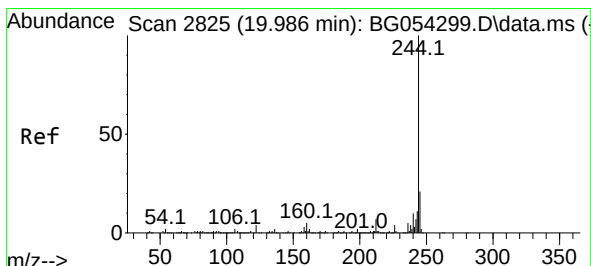
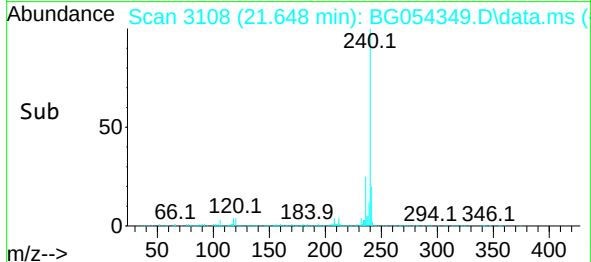
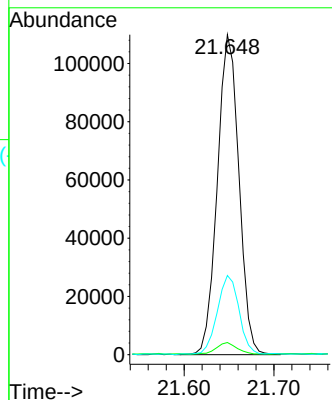
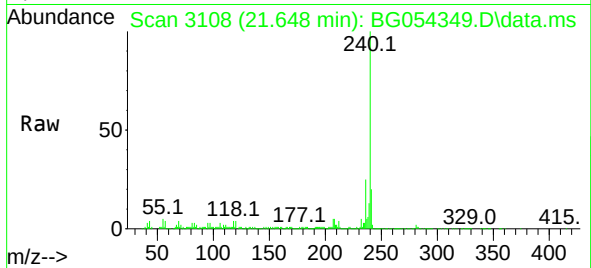




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3107
Delta R.T. 0.005 min
Lab File: BG054349.D
Acq: 21 Jul 2022 17:46

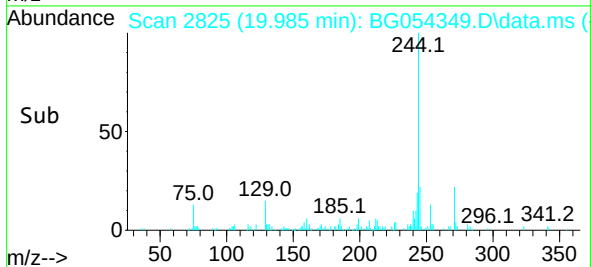
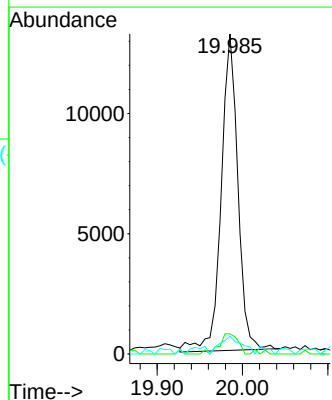
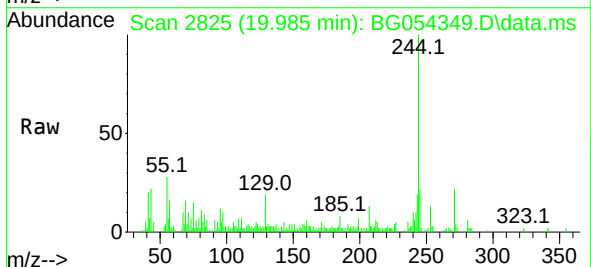
Instrument :
BNA_G
ClientSampleId :
TANK-NRE

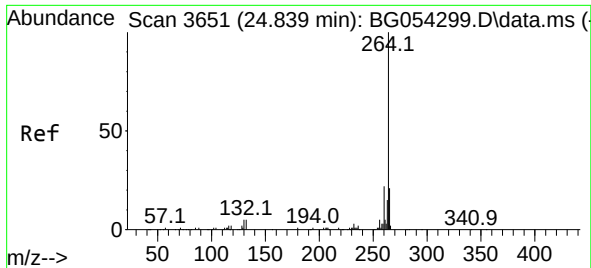
Tgt Ion:240 Resp: 183356
Ion Ratio Lower Upper
240 100
120 3.8 4.6 7.0#
236 24.7 20.2 30.4



#79
Terphenyl-d14
Concen: 1.943 ng
RT: 19.985 min Scan# 2825
Delta R.T. -0.000 min
Lab File: BG054349.D
Acq: 21 Jul 2022 17:46

Tgt Ion:244 Resp: 17961
Ion Ratio Lower Upper
244 100
212 6.3 6.5 9.7#
122 5.5 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.856 min Scan# 30
 Delta R.T. 0.017 min
 Lab File: BG054349.D
 Acq: 21 Jul 2022 17:46

Instrument :
 BNA_G
 ClientSampleId :
 TANK-NRE

Tgt Ion:264 Resp: 193493
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.6
 265 21.8 17.4 26.2

