

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102921\
 Data File : BG050787.D
 Acq On : 29 Oct 2021 21:25
 Operator : CG/JU
 Sample : M4406-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHRT-20310

Quant Time: Oct 30 01:38:58 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

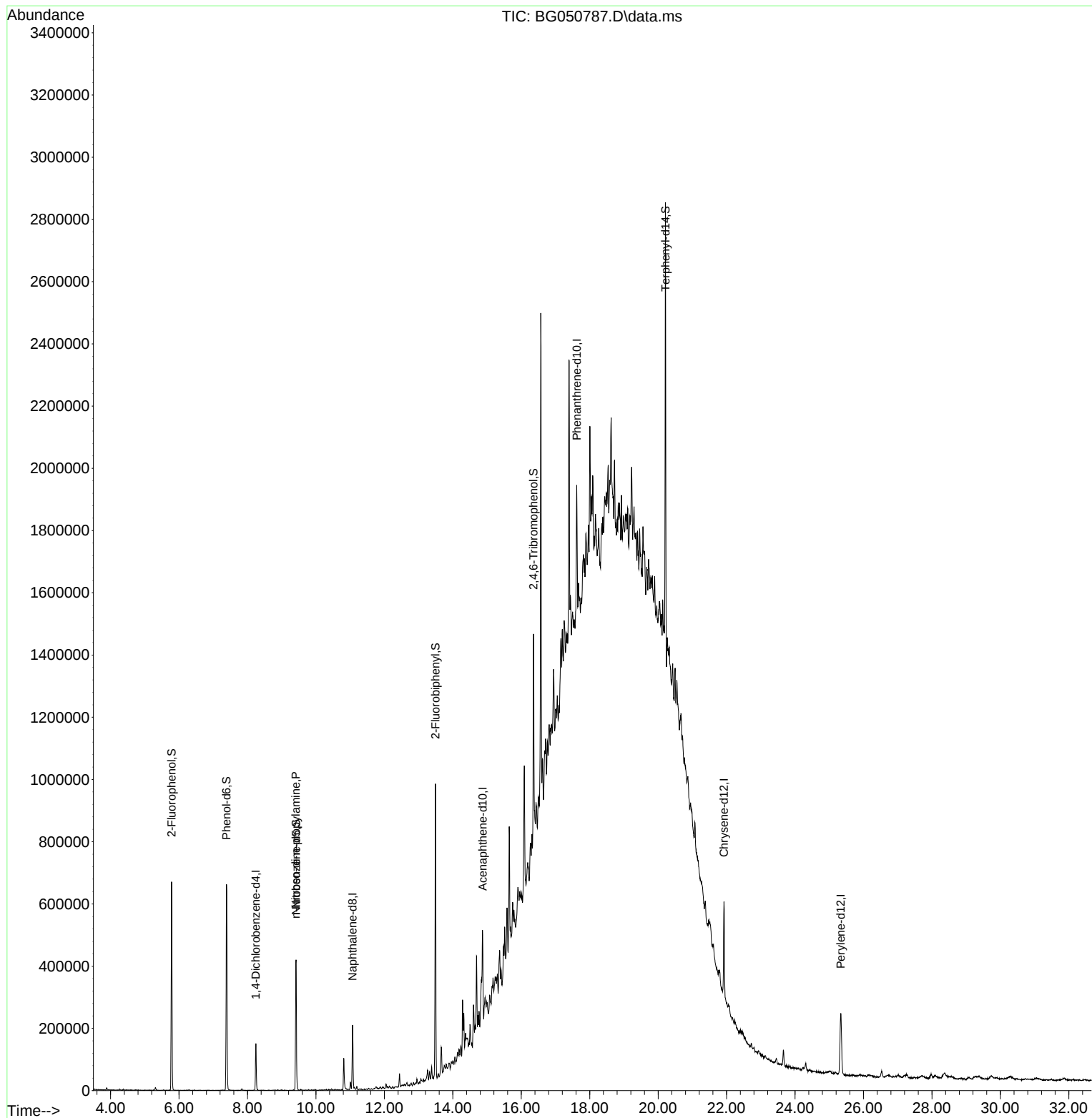
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.244	152	39567	20.000	ng	#-0.01
21) Naphthalene-d8	11.070	136	169932	20.000	ng	#-0.01
39) Acenaphthene-d10	14.872	164	100845	20.000	ng	0.00
64) Phenanthrene-d10	17.621	188	189608	20.000	ng	# 0.00
76) Chrysene-d12	21.922	240	185466	20.000	ng	# 0.00
86) Perylene-d12	25.336	264	196038	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.782	112	282714	106.859	ng	0.00
7) Phenol-d6	7.386	99	382283	99.801	ng	-0.01
23) Nitrobenzene-d5	9.419	82	277111	67.505	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	96302	100.118	ng	0.00
45) 2-Fluorobiphenyl	13.491	172	459287	68.545	ng	-0.01
79) Terphenyl-d14	20.212	244	601987	63.255	ng	0.00
Target Compounds						
9) Benzaldehyde	7.392	77	751	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.413	70	39527	14.158	ng	# 72

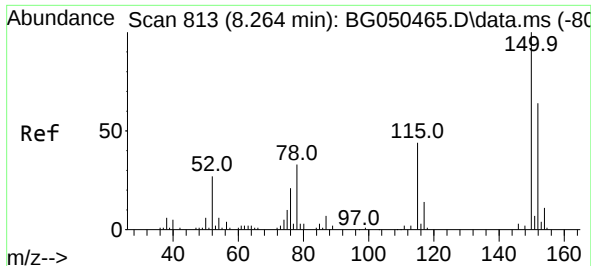
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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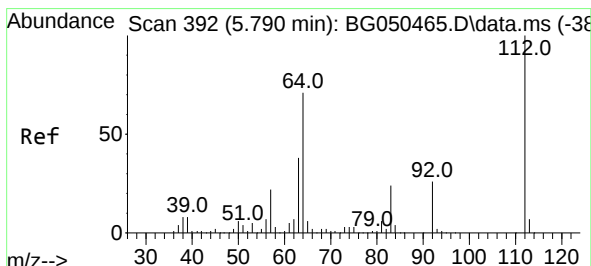
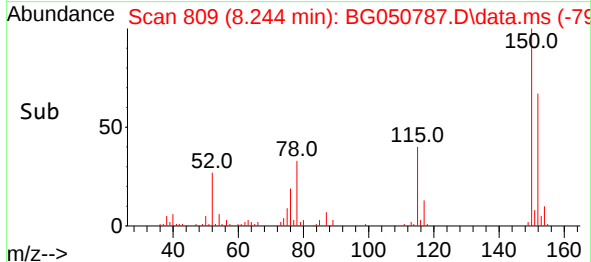
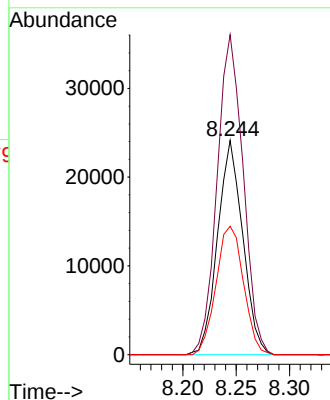
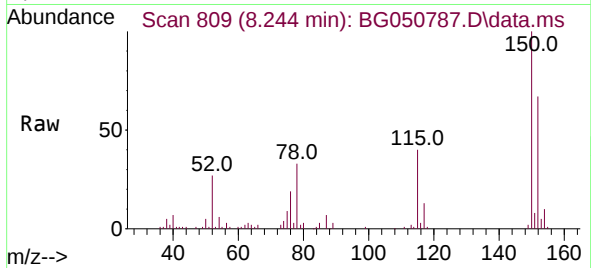




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.244 min Scan# 809
Delta R.T. -0.014 min
Lab File: BG050787.D
Acq: 29 Oct 2021 21:25

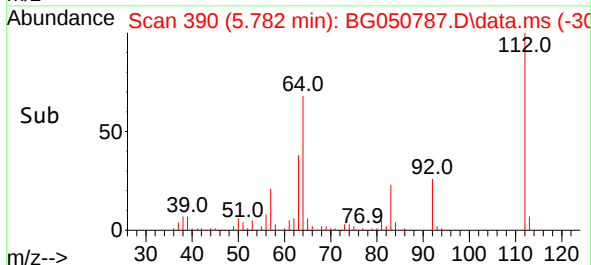
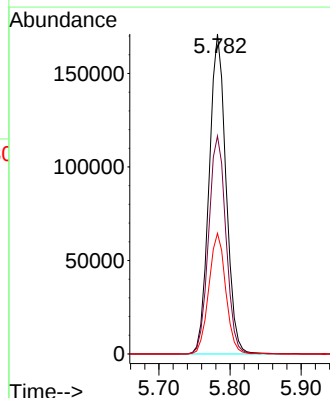
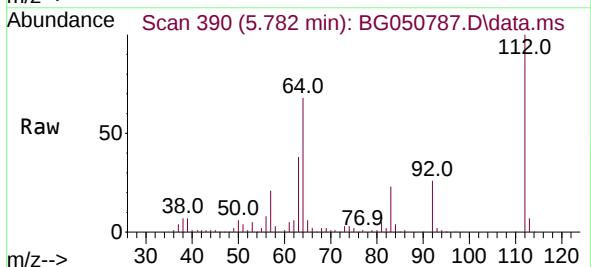
Instrument :
BNA_G
ClientSampleId :
CHRT-20310

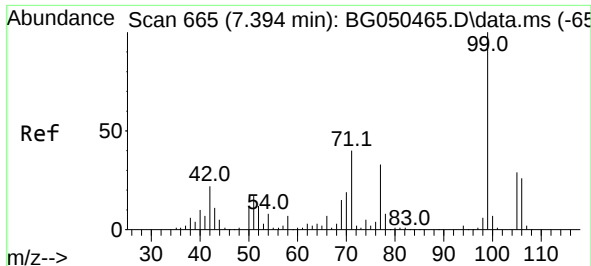
Tgt Ion:152 Resp: 39567
Ion Ratio Lower Upper
152 100
150 149.4 119.4 179.0
115 60.0 60.2 90.4#



#5
2-Fluorophenol
Concen: 106.859 ng
RT: 5.782 min Scan# 390
Delta R.T. -0.008 min
Lab File: BG050787.D
Acq: 29 Oct 2021 21:25

Tgt Ion:112 Resp: 282714
Ion Ratio Lower Upper
112 100
64 68.1 46.7 70.1
63 37.7 35.3 52.9

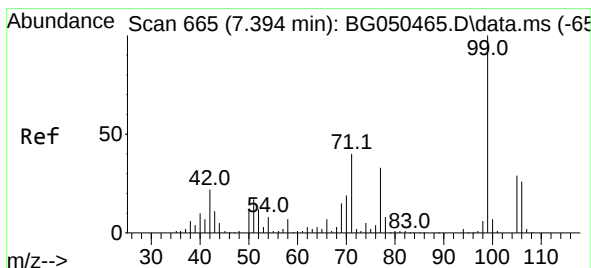
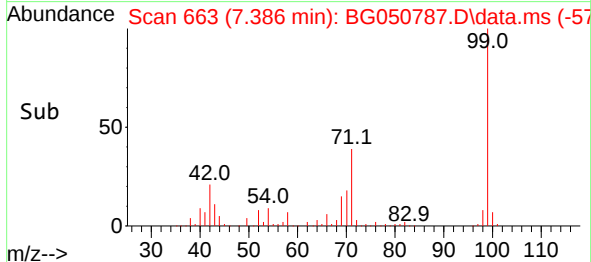
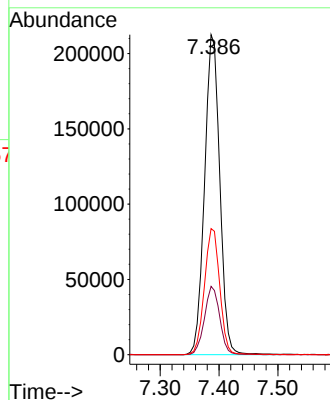
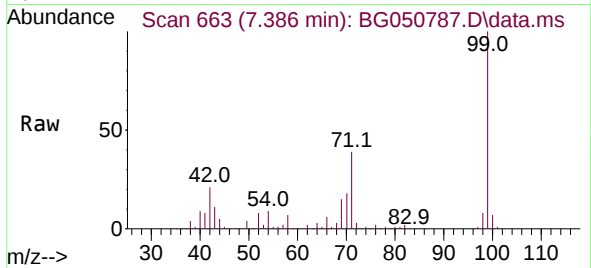




#7
Phenol-d6
Concen: 99.801 ng
RT: 7.386 min Scan# 663
Delta R.T. -0.014 min
Lab File: BG050787.D
Acq: 29 Oct 2021 21:25

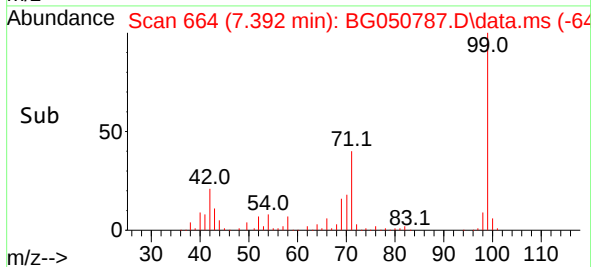
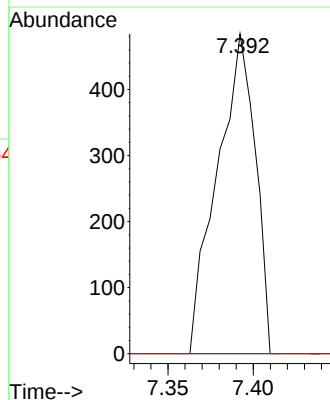
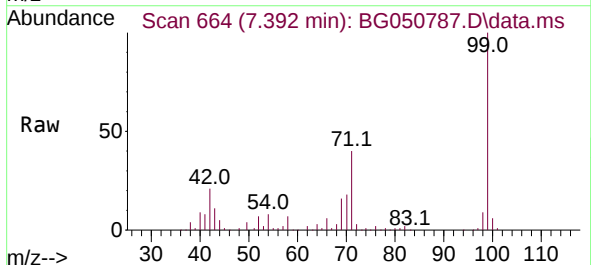
Instrument :
BNA_G
ClientSampled :
CHRT-20310

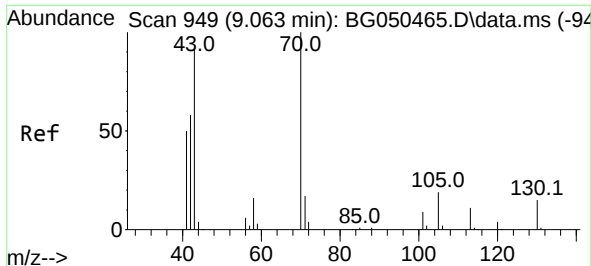
Tgt Ion: 99 Resp: 382283
Ion Ratio Lower Upper
99 100
42 21.4 20.5 30.7
71 39.4 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.392 min Scan# 664
Delta R.T. 0.003 min
Lab File: BG050787.D
Acq: 29 Oct 2021 21:25

Tgt Ion: 77 Resp: 751
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

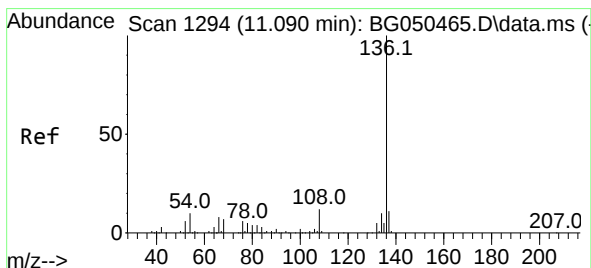
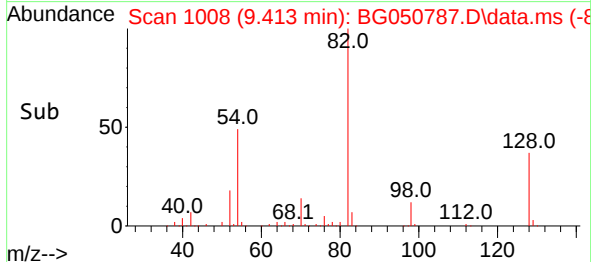
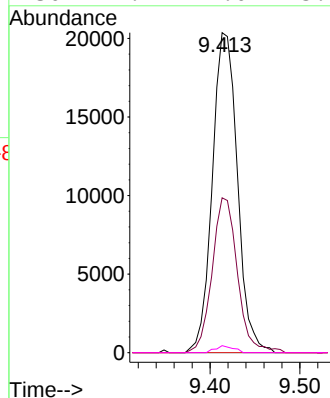
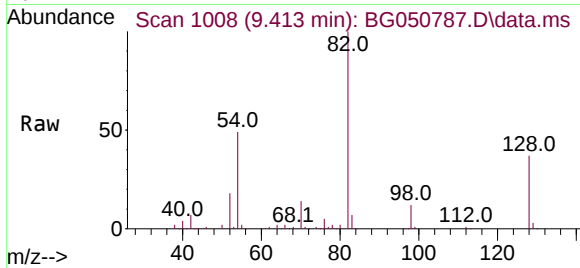




#19
n-Nitroso-di-n-propylamine
Concen: 14.158 ng
RT: 9.413 min Scan# 1008
Delta R.T. 0.356 min
Lab File: BG050787.D
Acq: 29 Oct 2021 21:25

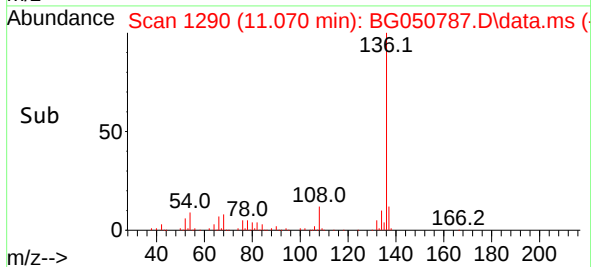
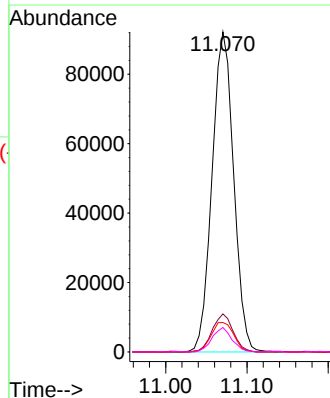
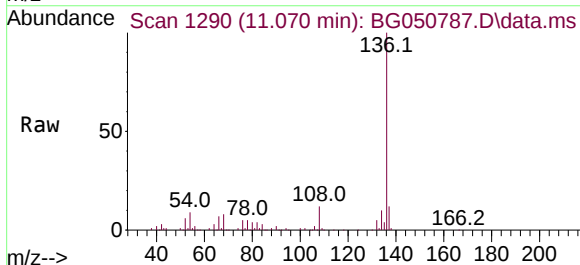
Instrument :
BNA_G
ClientSampleId :
CHRT-20310

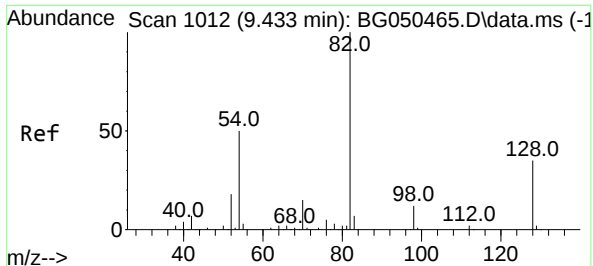
Tgt Ion:	70	Resp:	39527
Ion	Ratio	Lower	Upper
70	100		
42	48.4	54.5	81.7#
101	0.0	9.0	13.6#
130	2.2	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.070 min Scan# 1290
Delta R.T. -0.014 min
Lab File: BG050787.D
Acq: 29 Oct 2021 21:25

Tgt Ion:	136	Resp:	169932
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.2	12.2
54	9.2	5.5	8.3#
68	7.6	2.3	3.5#

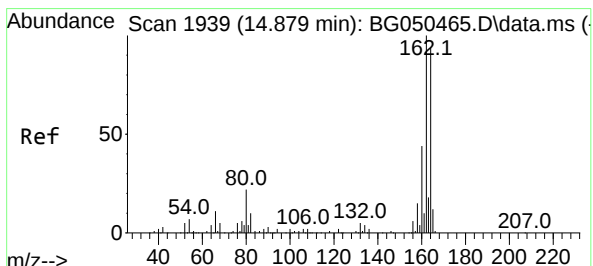
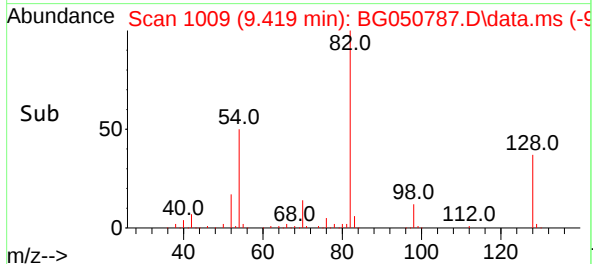
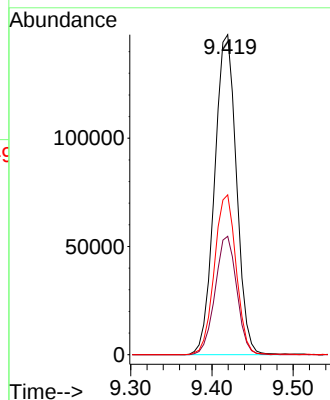
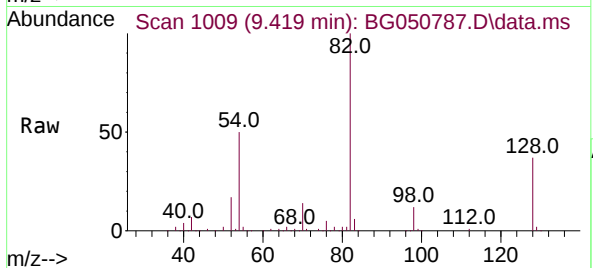




#23
Nitrobenzene-d5
Concen: 67.505 ng
RT: 9.419 min Scan# 1009
Delta R.T. -0.008 min
Lab File: BG050787.D
Acq: 29 Oct 2021 21:25

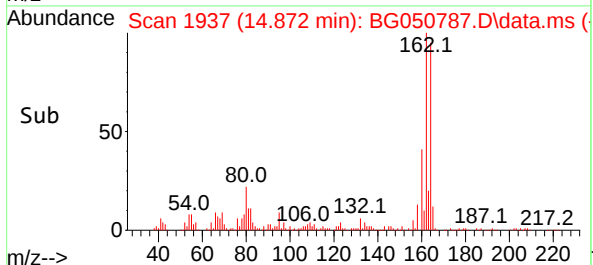
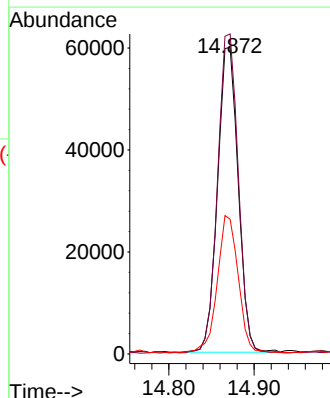
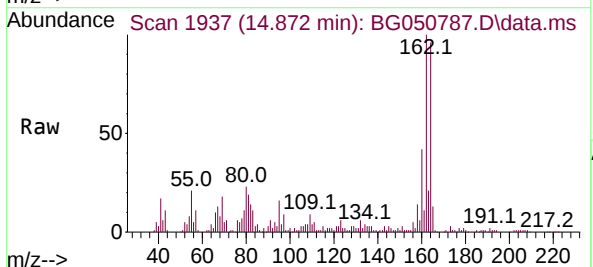
Instrument :
BNA_G
ClientSampleId :
CHRT-20310

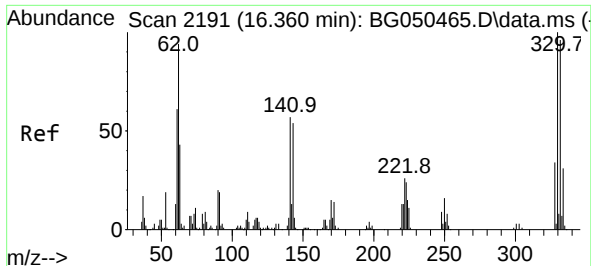
Tgt Ion: 82 Resp: 277111
Ion Ratio Lower Upper
82 100
128 37.0 29.8 44.6
54 50.0 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.872 min Scan# 1937
Delta R.T. -0.002 min
Lab File: BG050787.D
Acq: 29 Oct 2021 21:25

Tgt Ion:164 Resp: 100845
Ion Ratio Lower Upper
164 100
162 104.4 81.4 122.0
160 44.0 34.9 52.3

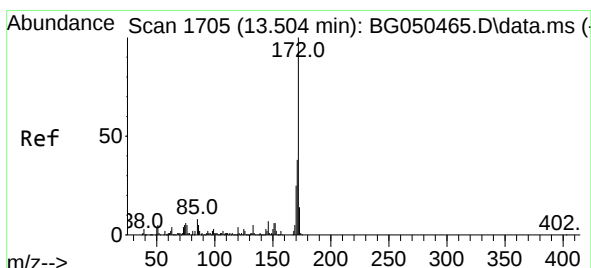
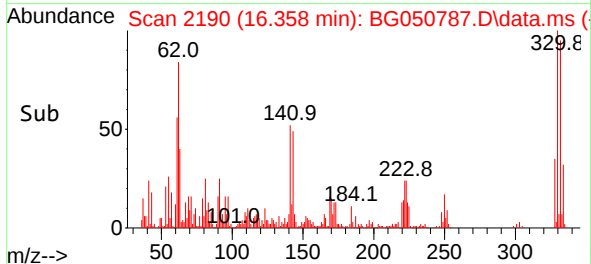
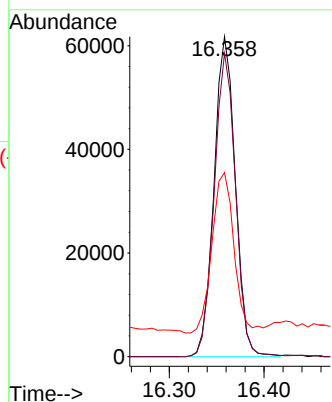
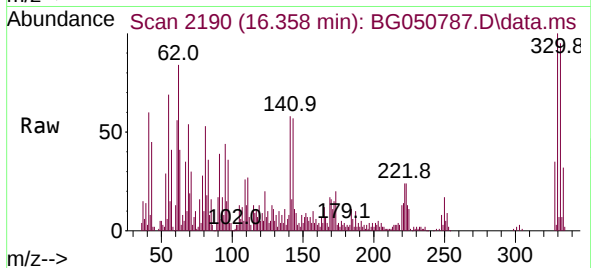




#42
2,4,6-Tribromophenol
Concen: 100.118 ng
RT: 16.358 min Scan# 2190
Delta R.T. -0.002 min
Lab File: BG050787.D
Acq: 29 Oct 2021 21:25

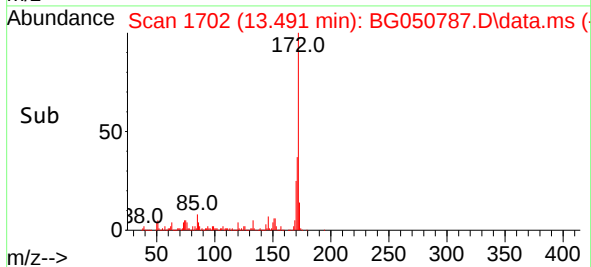
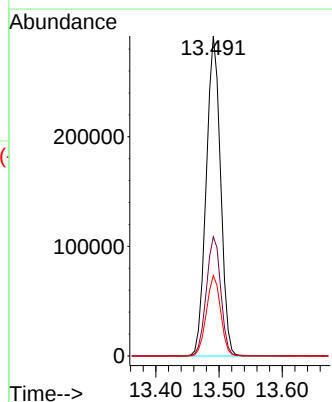
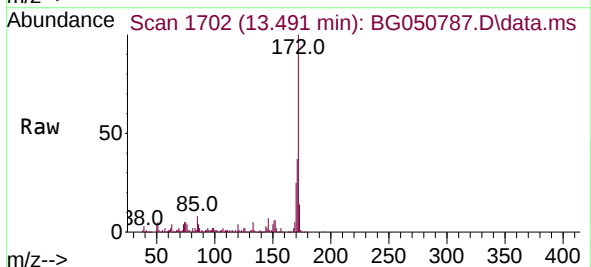
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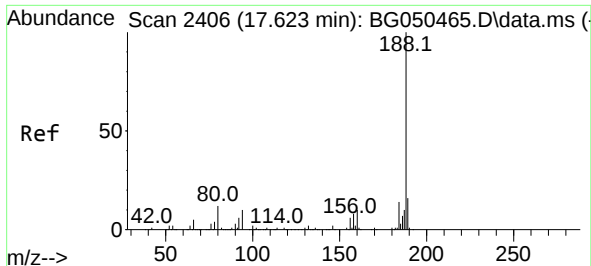
Tgt Ion:330 Resp: 96302
Ion Ratio Lower Upper
330 100
332 94.9 77.3 115.9
141 52.1 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 68.545 ng
RT: 13.491 min Scan# 1702
Delta R.T. -0.014 min
Lab File: BG050787.D
Acq: 29 Oct 2021 21:25

Tgt Ion:172 Resp: 459287
Ion Ratio Lower Upper
172 100
171 37.2 28.6 43.0
170 25.2 18.6 27.8

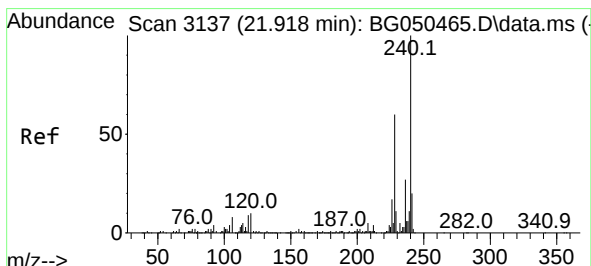
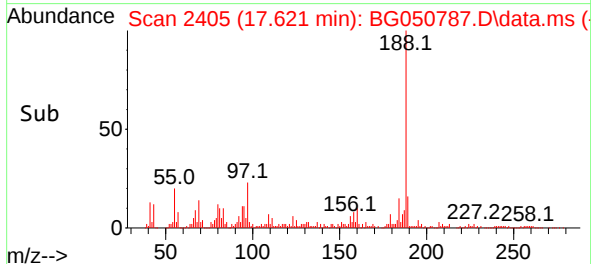
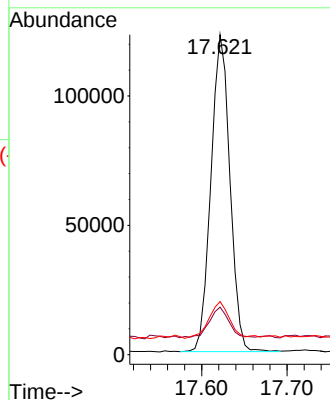
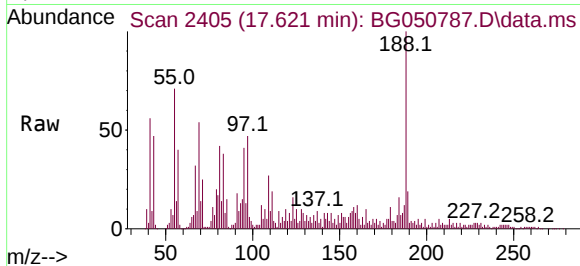




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.621 min Scan# 2405
Delta R.T. 0.003 min
Lab File: BG050787.D
Acq: 29 Oct 2021 21:25

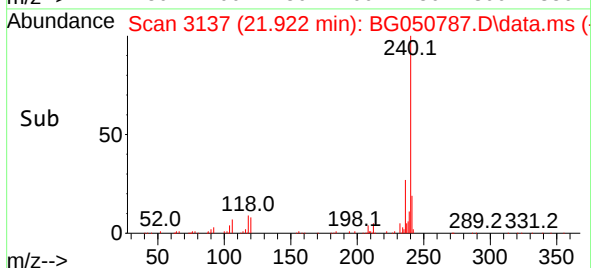
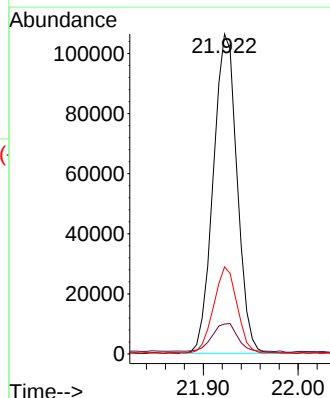
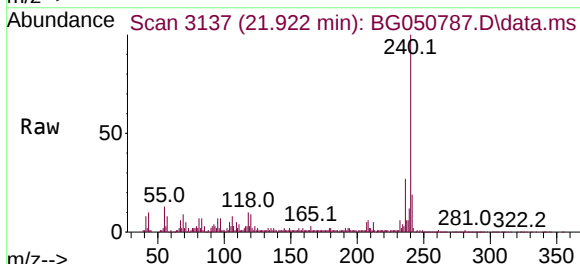
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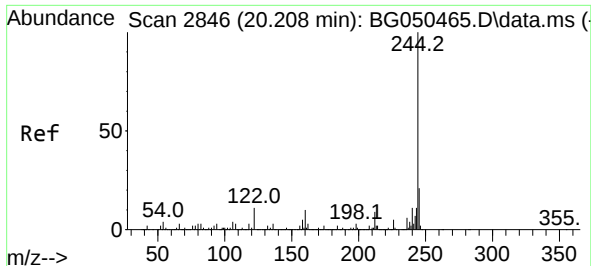
Tgt Ion:188 Resp: 189608
Ion Ratio Lower Upper
188 100
94 14.9 5.4 8.0#
80 16.6 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.922 min Scan# 3137
Delta R.T. -0.002 min
Lab File: BG050787.D
Acq: 29 Oct 2021 21:25

Tgt Ion:240 Resp: 185466
Ion Ratio Lower Upper
240 100
120 9.4 4.2 6.2#
236 27.2 21.8 32.6

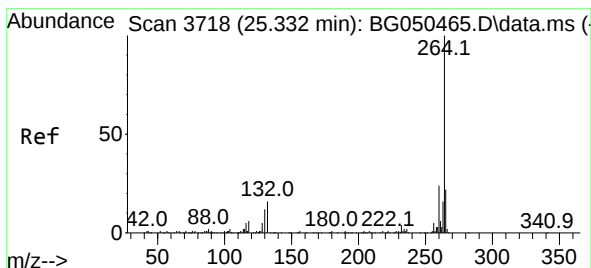
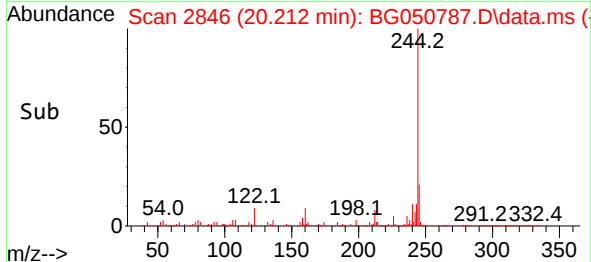
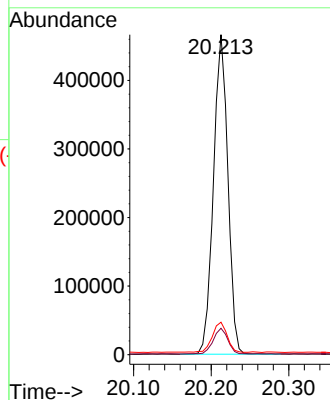
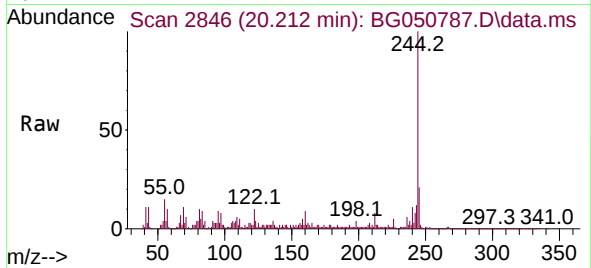




#79
Terphenyl-d14
Concen: 63.255 ng
RT: 20.212 min Scan# 2846
Delta R.T. 0.003 min
Lab File: BG050787.D
Acq: 29 Oct 2021 21:25

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Tgt Ion:244 Resp: 601987
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 10.1 5.0 7.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.336 min Scan# 3718
Delta R.T. 0.003 min
Lab File: BG050787.D
Acq: 29 Oct 2021 21:25

Tgt Ion:264 Resp: 196038
Ion Ratio Lower Upper
264 100
260 24.7 19.4 29.2
265 20.4 16.9 25.3

