Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102921\
Data File : BG050781.D
Acq On : 29 Oct 2021 17:18
Operator : CG/JU
Sample : M4380-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WASTE-CHAR-(SUSPECT)

Quant Time: Oct 29 18:52:19 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	8.242	152	39855	20.000	ng	-0.02
21) Naphthalene-d8	11.068	136	175446	20.000	ng	#-0.02
39) Acenaphthene-d10	14.869	164	115222	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	261699	20.000	ng	# 0.00
76) Chrysene-d12	21.920	240	244600	20.000	ng	# 0.00
86) Perylene-d12	25.339	264	236665	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.786	112	287812	108.000	ng	0.00
7) Phenol-d6	7.390	99	338173	87.647	ng	-0.01
23) Nitrobenzene-d5	9.417	82	311004	73.380	ng	-0.01
42) 2,4,6-Tribromophenol	16.356	330	134955	122.796	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	566753	74.029	ng	-0.01
79) Terphenyl-d14	20.204	244	946483	75.410	ng	0.00
Target Compounds						Qvalue

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

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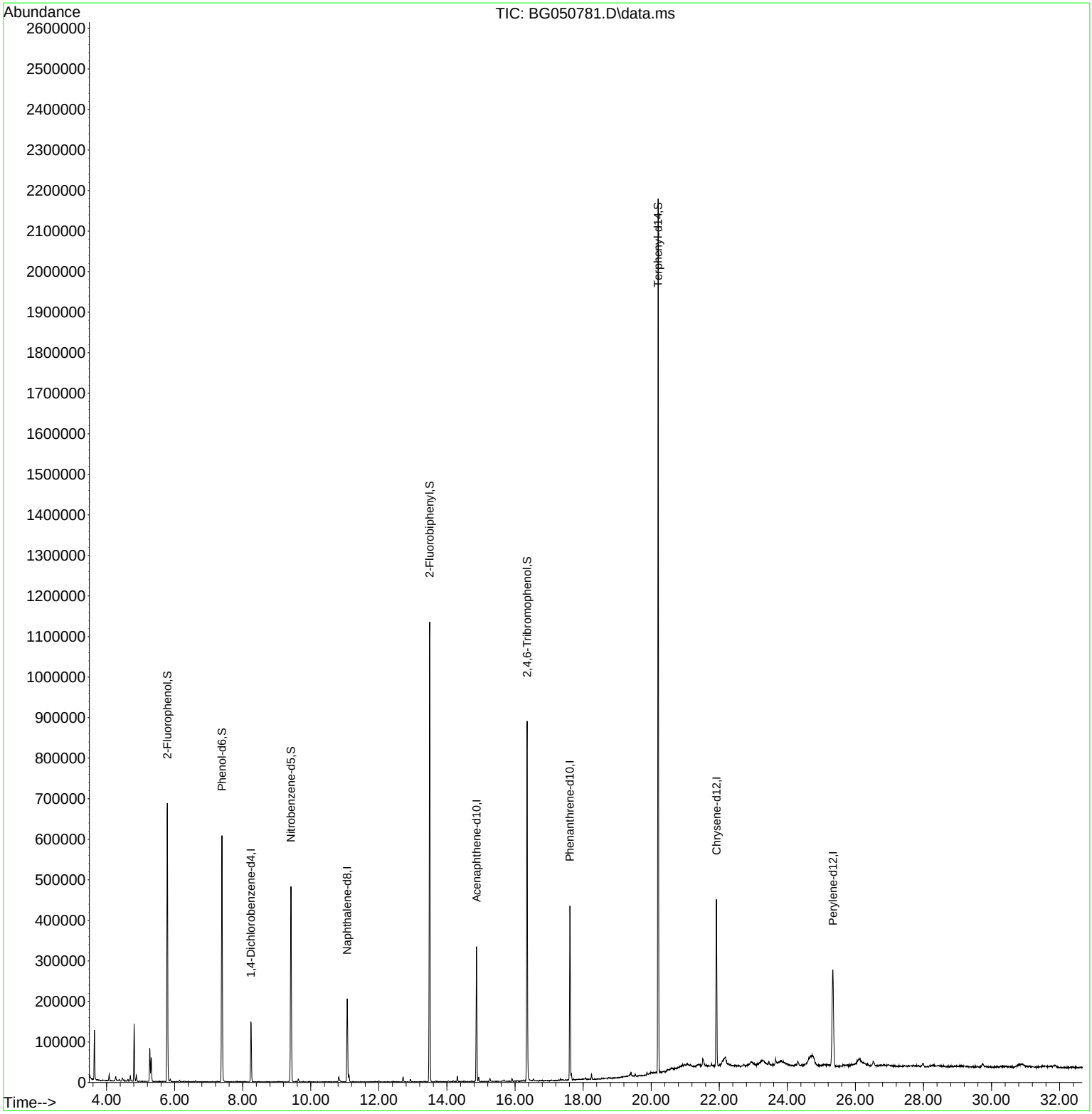
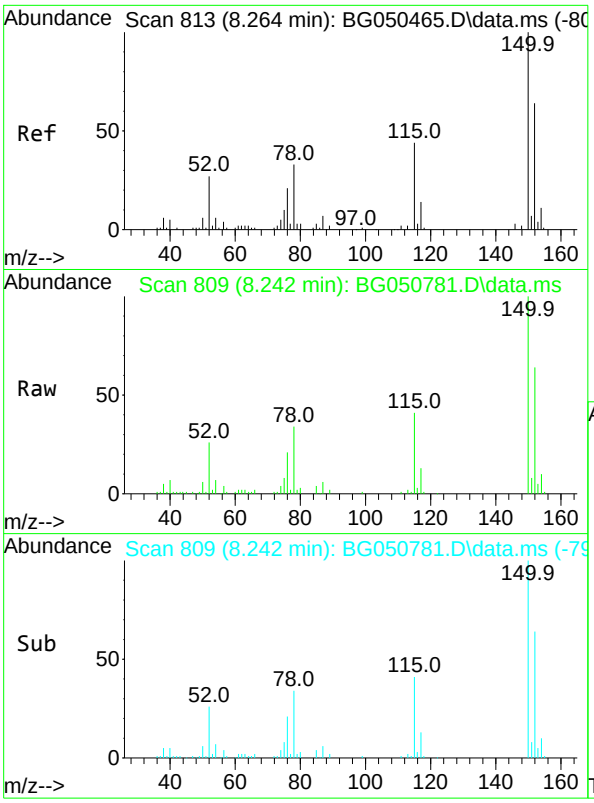
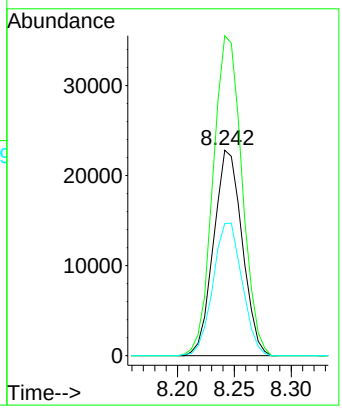




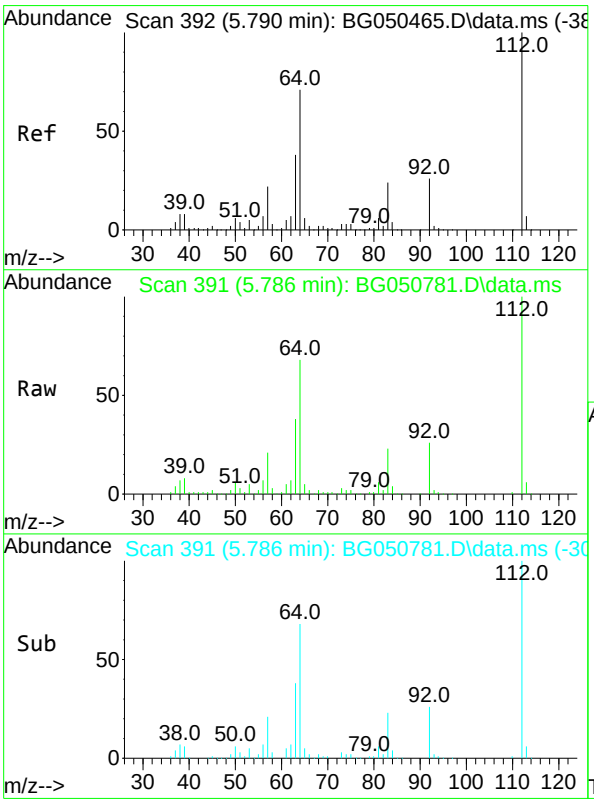
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.242 min Scan# 809
Delta R.T. -0.016 min
Lab File: BG050781.D
Acq: 29 Oct 2021 17:18

Tgt Ion:152 Resp: 39855

Ion	Ratio	Lower	Upper
152	100		
150	155.8	119.4	179.0
115	64.3	60.2	90.4



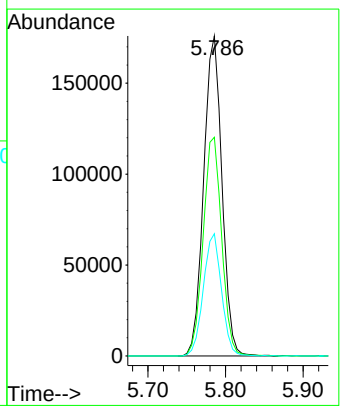
Instrument :
BNA_G
ClientSampleId :
WASTE-CHAR-(SUSPECT)

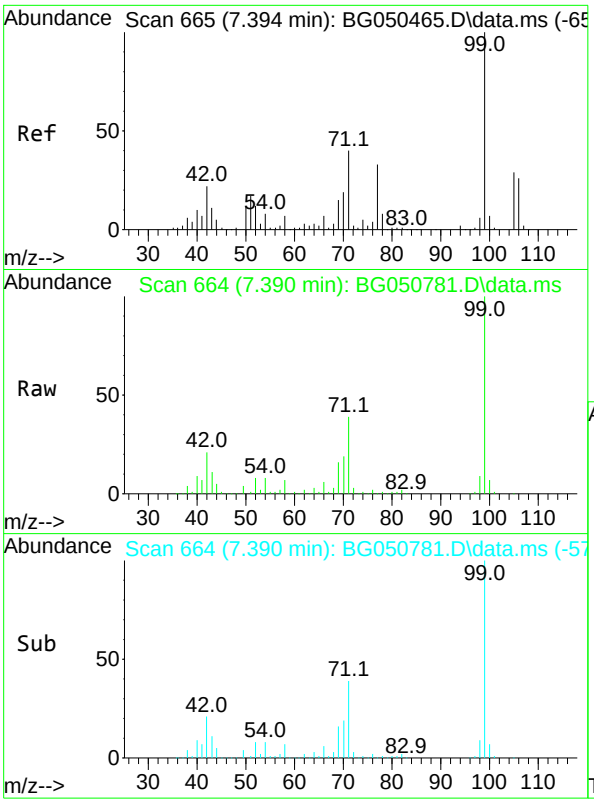


#5
2-Fluorophenol
Concen: 108.000 ng
RT: 5.786 min Scan# 391
Delta R.T. -0.005 min
Lab File: BG050781.D
Acq: 29 Oct 2021 17:18

Tgt Ion:112 Resp: 287812

Ion	Ratio	Lower	Upper
112	100		
64	68.3	46.7	70.1
63	38.2	35.3	52.9

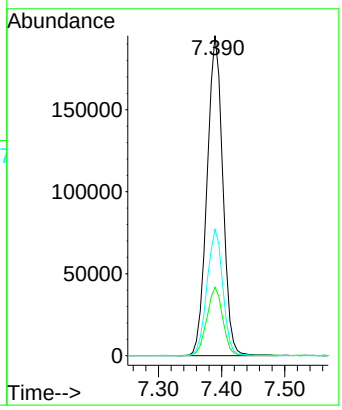




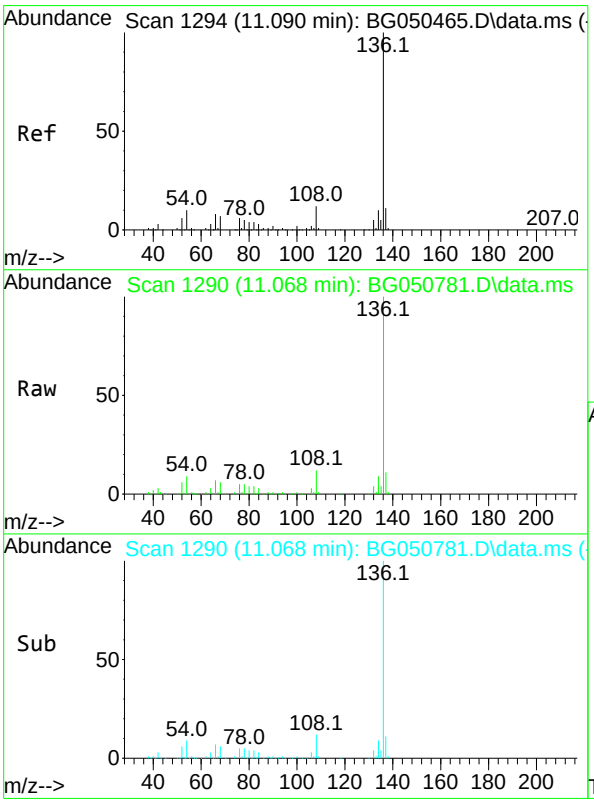
#7
Phenol-d6
Concen: 87.647 ng
RT: 7.390 min Scan# 664
Delta R.T. -0.011 min
Lab File: BG050781.D
Acq: 29 Oct 2021 17:18

Tgt Ion: 99 Resp: 338173

Ion	Ratio	Lower	Upper
99	100		
42	21.4	20.5	30.7
71	39.5	41.5	62.3#



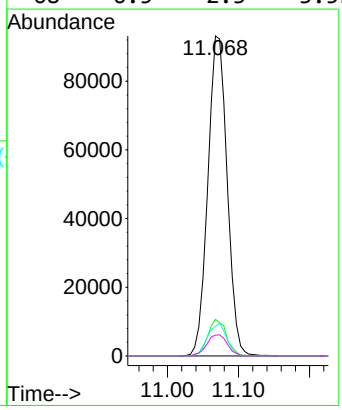
Instrument :
BNA_G
ClientSampleId :
WASTE-CHAR-(SUSPECT)

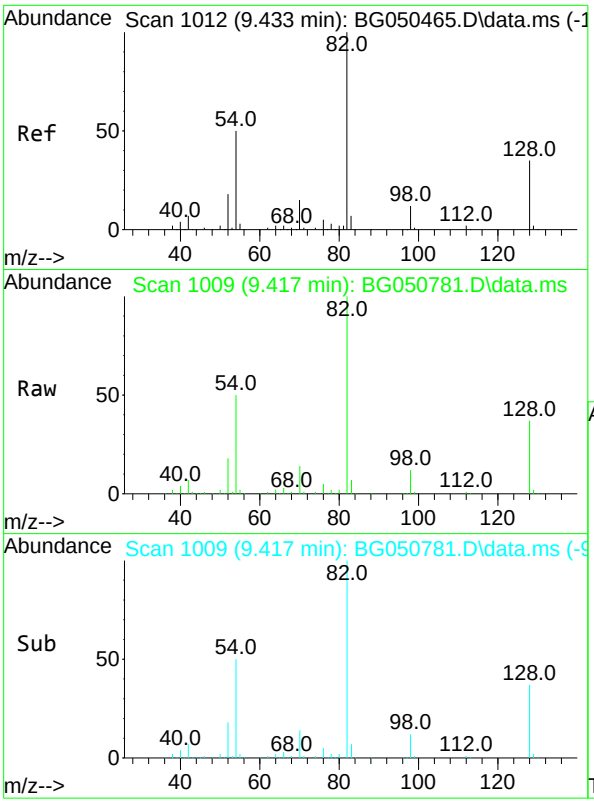


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.068 min Scan# 1290
Delta R.T. -0.017 min
Lab File: BG050781.D
Acq: 29 Oct 2021 17:18

Tgt Ion:136 Resp: 175446

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.2	12.2
54	9.2	5.5	8.3#
68	6.5	2.3	3.5#

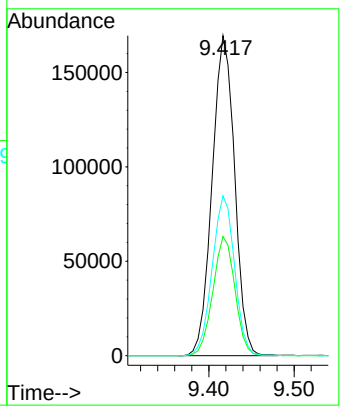




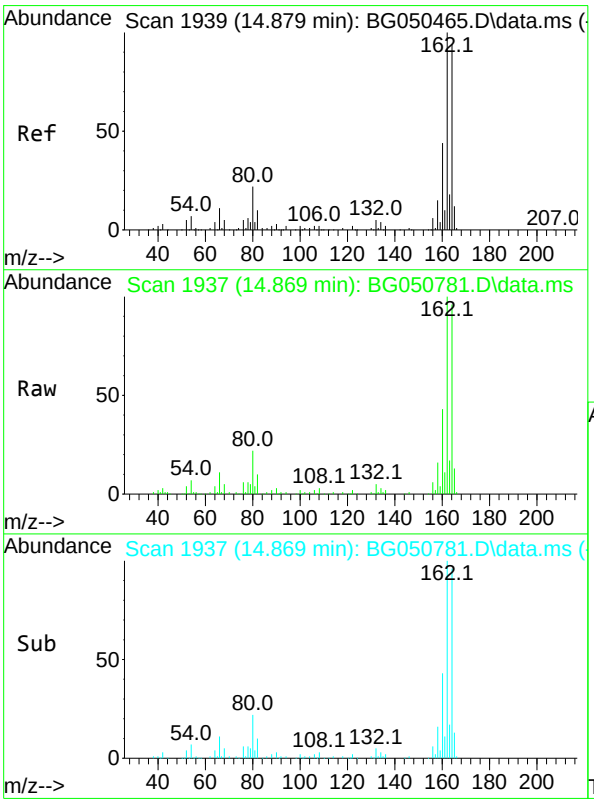
#23
Nitrobenzene-d5
Concen: 73.380 ng
RT: 9.417 min Scan# 1009
Delta R.T. -0.011 min
Lab File: BG050781.D
Acq: 29 Oct 2021 17:18

Tgt Ion: 82 Resp: 311004

Ion	Ratio	Lower	Upper
82	100		
128	37.3	29.8	44.6
54	49.9	45.8	68.8



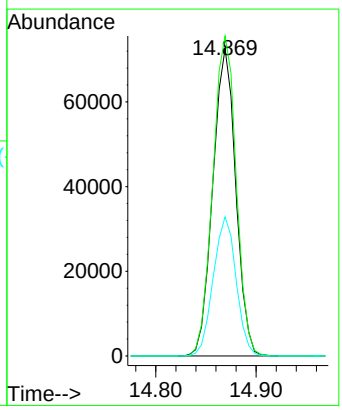
Instrument :
BNA_G
ClientSampleId :
WASTE-CHAR-(SUSPECT)



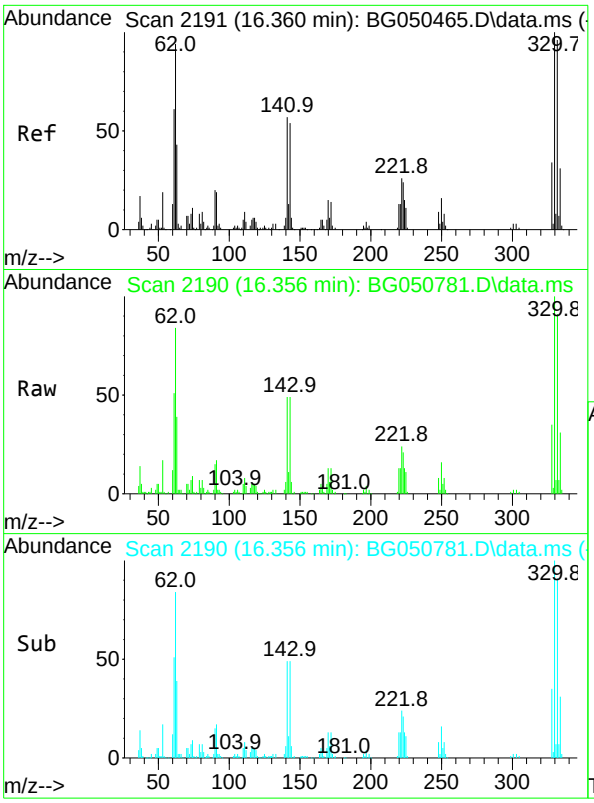
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.869 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BG050781.D
Acq: 29 Oct 2021 17:18

Tgt Ion:164 Resp: 115222

Ion	Ratio	Lower	Upper
164	100		
162	104.1	81.4	122.0
160	45.2	34.9	52.3



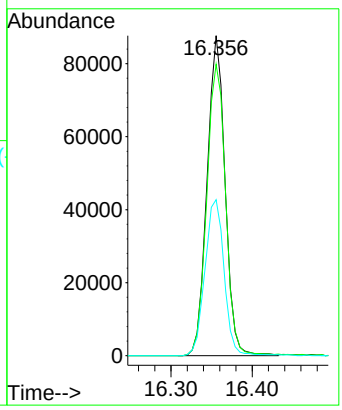
Instrument :
BNA_G
ClientSampleId :
WASTE-CHAR-(SUSPECT)

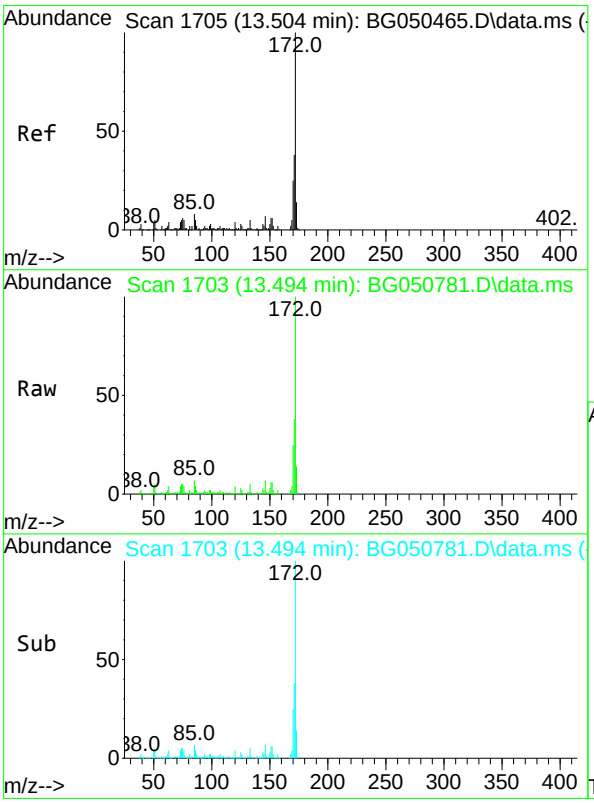


#42
2,4,6-Tribromophenol
Concen: 122.796 ng
RT: 16.356 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BG050781.D
Acq: 29 Oct 2021 17:18

Tgt Ion:330 Resp: 134955

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.3	115.9
141	52.1	35.6	53.4

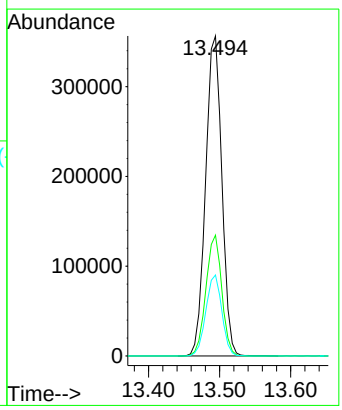


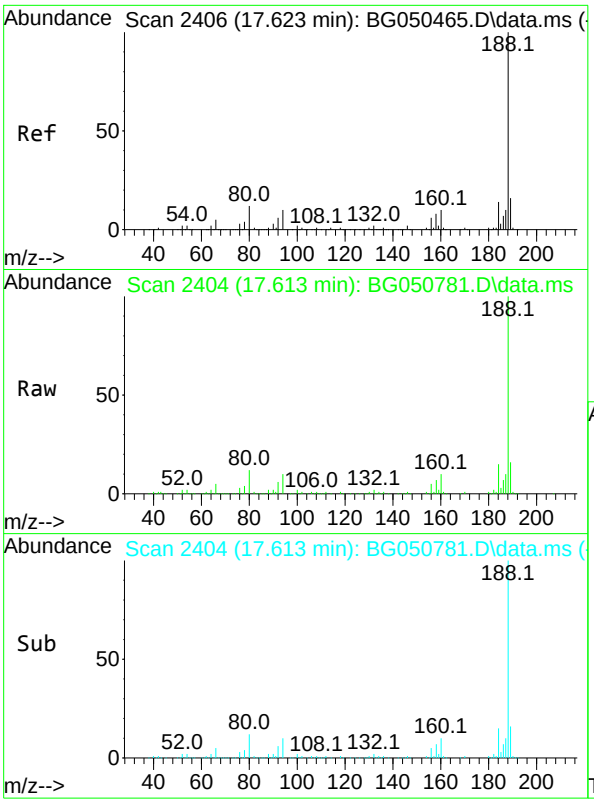


#45
2-Fluorobiphenyl
Concen: 74.029 ng
RT: 13.494 min Scan# 1703
Delta R.T. -0.011 min
Lab File: BG050781.D
Acq: 29 Oct 2021 17:18

Tgt Ion:172 Resp: 566753

Ion	Ratio	Lower	Upper
172	100		
171	37.8	28.6	43.0
170	25.3	18.6	27.8

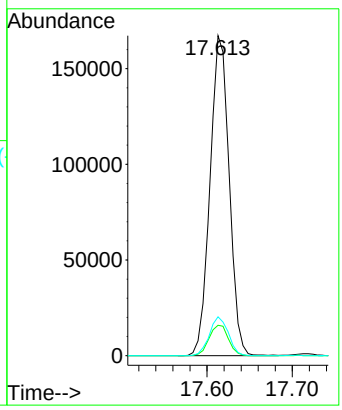




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.613 min Scan# 2404
Delta R.T. -0.005 min
Lab File: BG050781.D
Acq: 29 Oct 2021 17:18

Tgt Ion:188 Resp: 261699

Ion	Ratio	Lower	Upper
188	100		
94	9.5	5.4	8.0#
80	12.1	3.7	5.5#



Instrument :
BNA_G
ClientSampleId :
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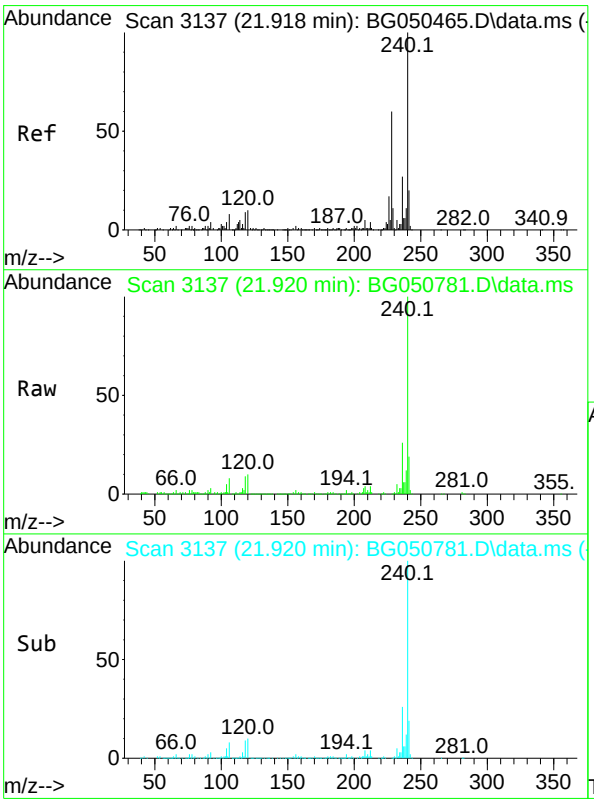
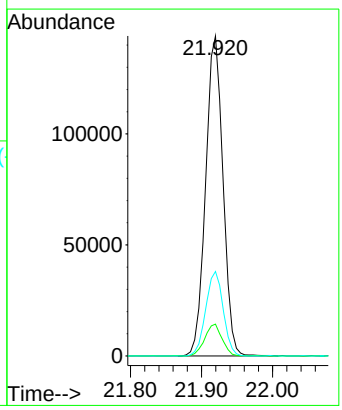
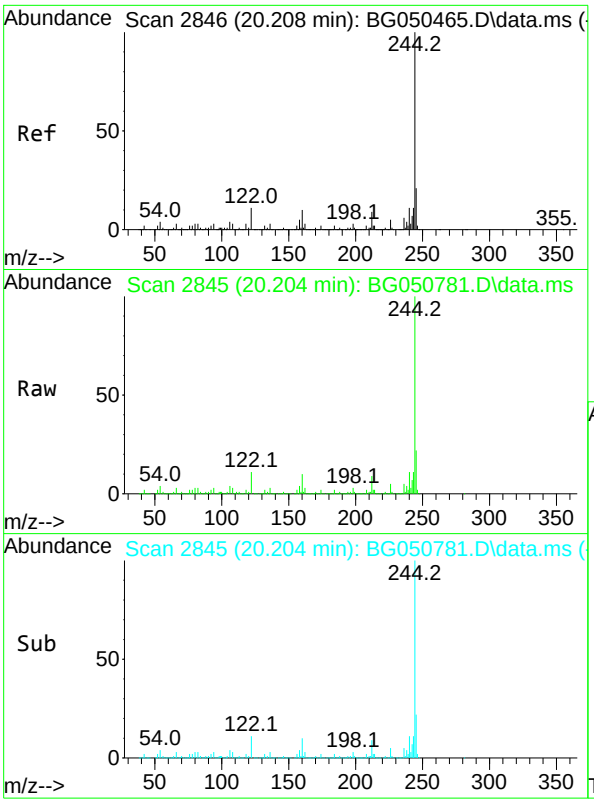


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.920 min Scan# 3137
Delta R.T. -0.005 min
Lab File: BG050781.D
Acq: 29 Oct 2021 17:18

Tgt Ion:240 Resp: 244600

Ion	Ratio	Lower	Upper
240	100		
120	9.9	4.2	6.2#
236	26.4	21.8	32.6

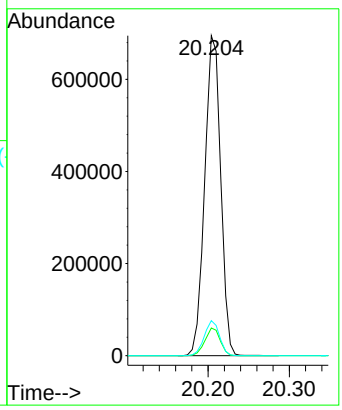




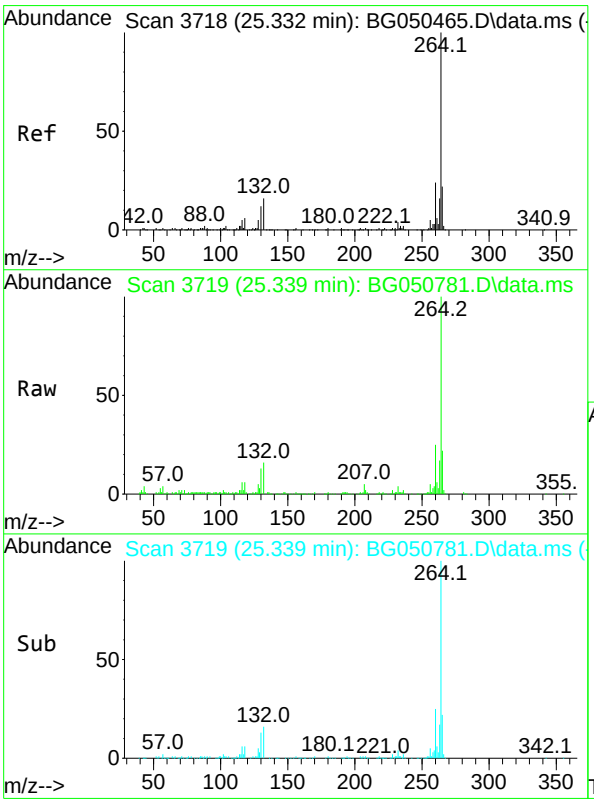
#79
Terphenyl-d14
Concen: 75.410 ng
RT: 20.204 min Scan# 2845
Delta R.T. -0.005 min
Lab File: BG050781.D
Acq: 29 Oct 2021 17:18

Tgt Ion:244 Resp: 946483

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.9	10.3
122	11.0	5.0	7.6#



Instrument :
BNA_G
ClientSampleId :
WASTE-CHAR-(SUSPECT)



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.339 min Scan# 3719
Delta R.T. 0.007 min
Lab File: BG050781.D
Acq: 29 Oct 2021 17:18

Tgt Ion:264 Resp: 236665

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.2
265	21.7	16.9	25.3