Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102921\
Data File : BG050791.D
Acq On : 30 Oct 2021 00:10
Operator : CG/JU
Sample : M4402-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EO-01-102821

Quant Time: Oct 30 01:39:42 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	8.247	152	38744	20.000	ng	-0.01
21) Naphthalene-d8	11.068	136	166783	20.000	ng	#-0.02
39) Acenaphthene-d10	14.869	164	110686	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	224856	20.000	ng	# 0.00
76) Chrysene-d12	21.920	240	186098	20.000	ng	# 0.00
86) Perylene-d12	25.345	264	186241	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.780	112	260527	100.565	ng	-0.01
7) Phenol-d6	7.390	99	357211	95.236	ng	-0.01
23) Nitrobenzene-d5	9.417	82	243394	60.411	ng	-0.01
42) 2,4,6-Tribromophenol	16.356	330	100455	95.150	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	463555	63.031	ng	-0.01
79) Terphenyl-d14	20.204	244	630293	66.004	ng	0.00
Target Compounds						Qvalue

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

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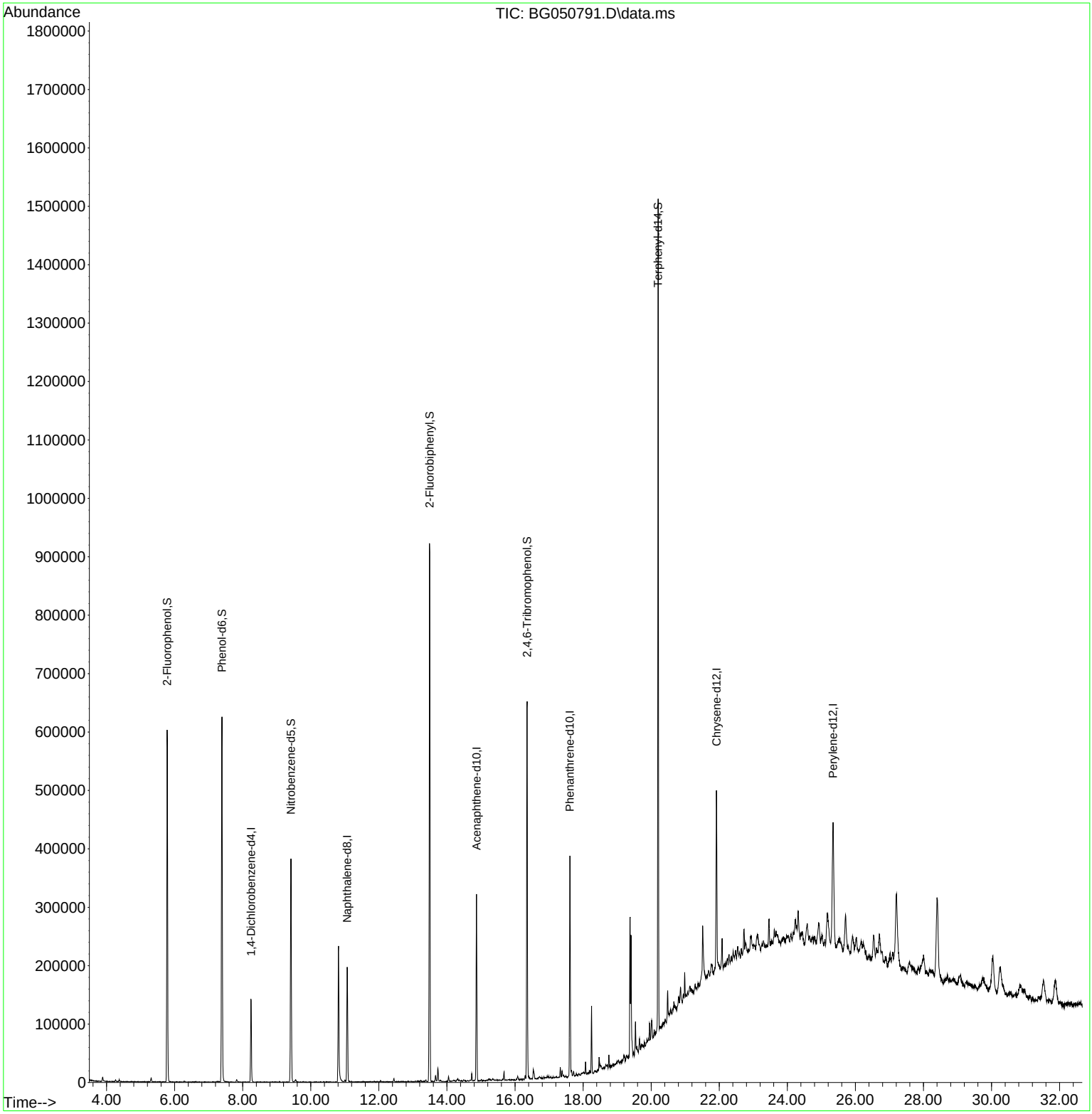
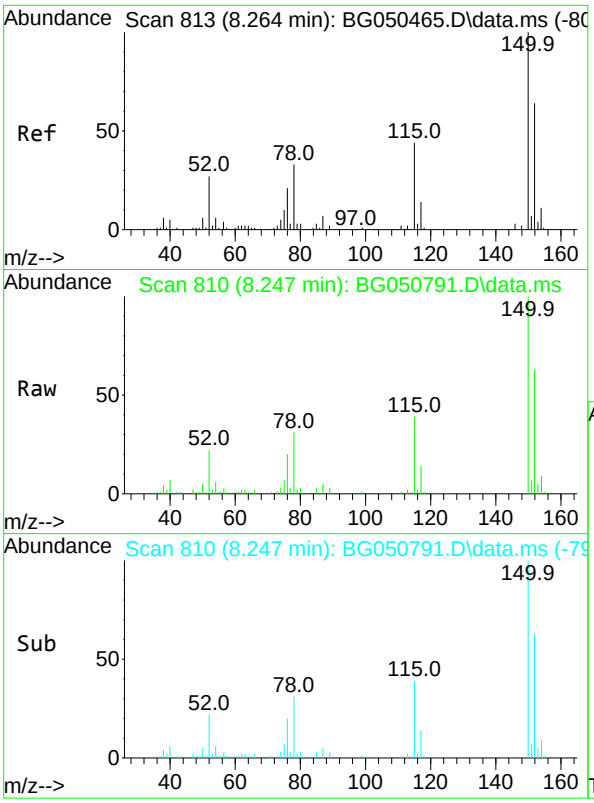
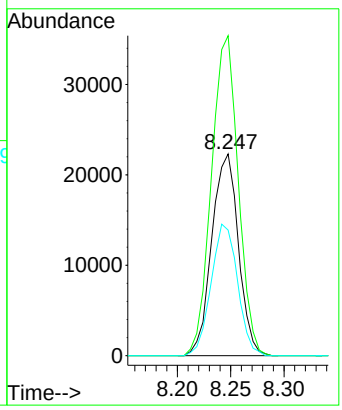




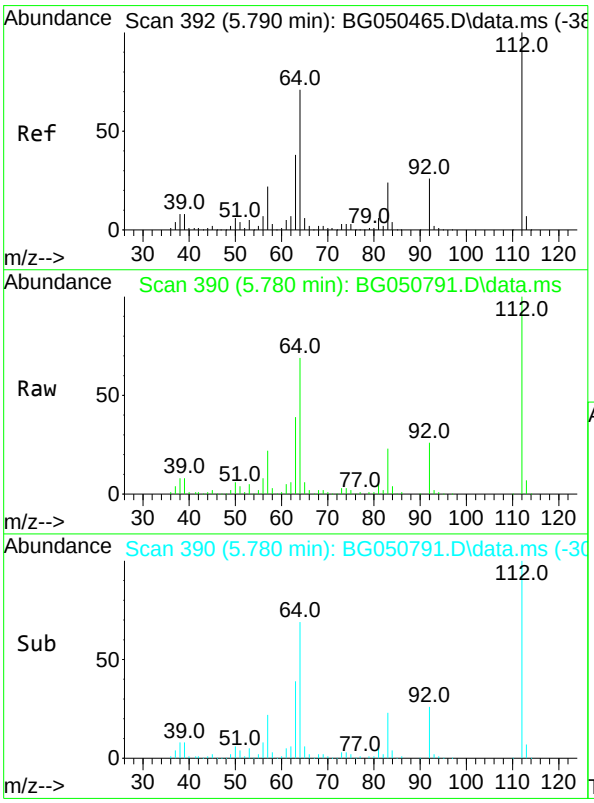
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.247 min Scan# 810
Delta R.T. -0.011 min
Lab File: BG050791.D
Acq: 30 Oct 2021 00:10

Tgt Ion:152 Resp: 38744

Ion	Ratio	Lower	Upper
152	100		
150	158.6	119.4	179.0
115	62.3	60.2	90.4



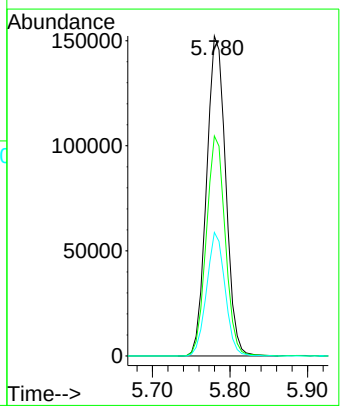
Instrument :
BNA_G
ClientSampleId :
EO-01-102821



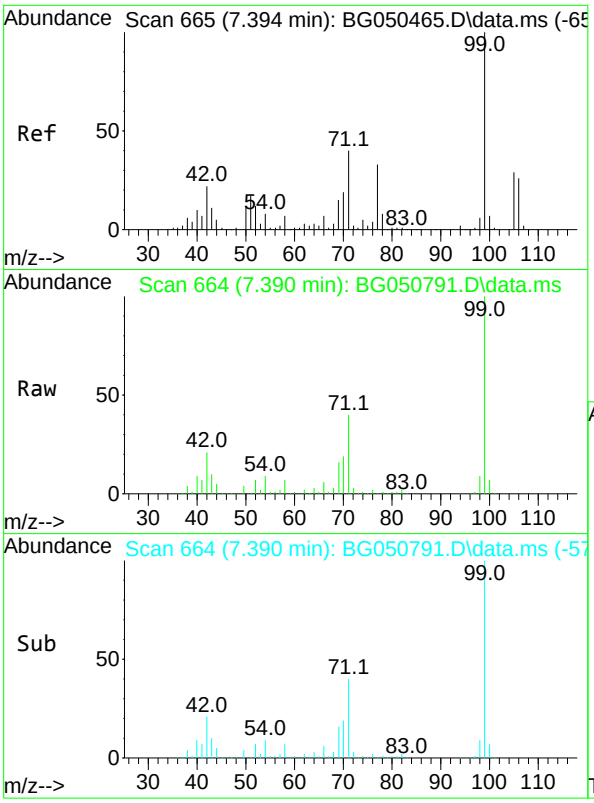
#5
2-Fluorophenol
Concen: 100.565 ng
RT: 5.780 min Scan# 390
Delta R.T. -0.011 min
Lab File: BG050791.D
Acq: 30 Oct 2021 00:10

Tgt Ion:112 Resp: 260527

Ion	Ratio	Lower	Upper
112	100		
64	68.7	46.7	70.1
63	38.6	35.3	52.9



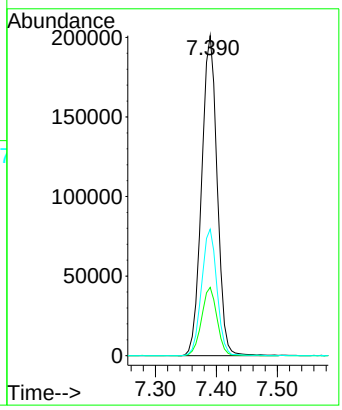
Instrument :
BNA_G
ClientSampleId :
EO-01-102821

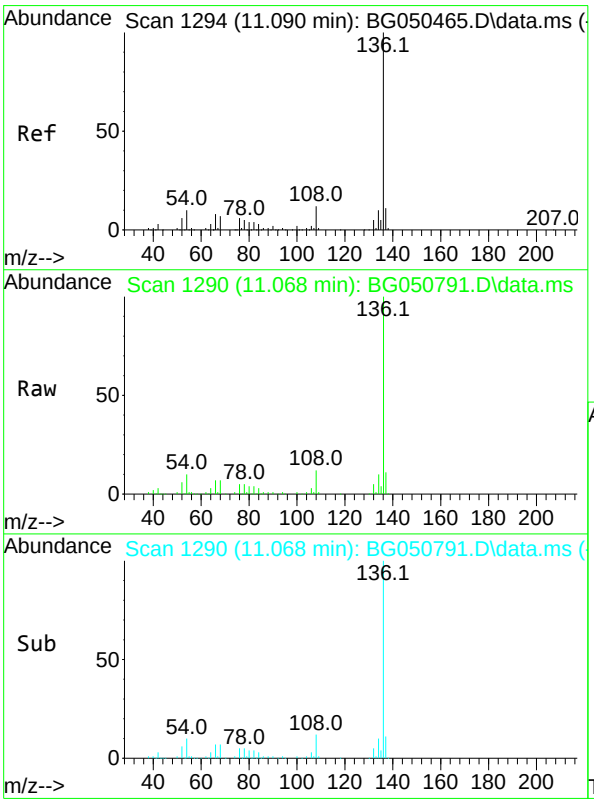


#7
Phenol-d6
Concen: 95.236 ng
RT: 7.390 min Scan# 664
Delta R.T. -0.011 min
Lab File: BG050791.D
Acq: 30 Oct 2021 00:10

Tgt Ion: 99 Resp: 357211

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

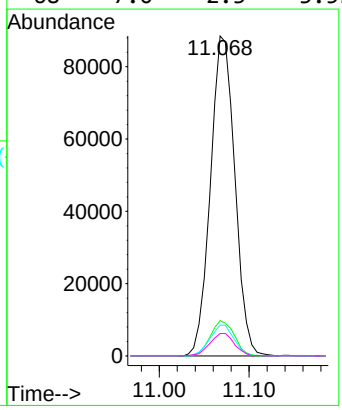


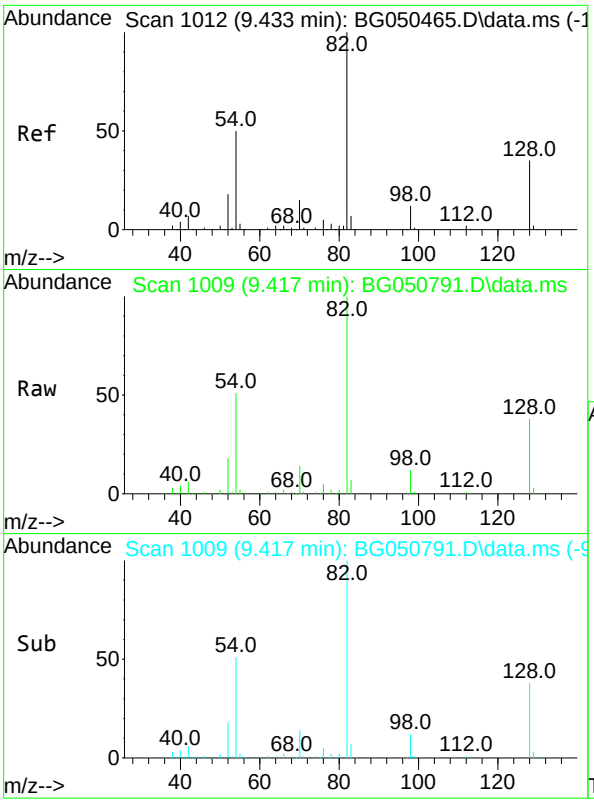


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.068 min Scan# 1290
Delta R.T. -0.017 min
Lab File: BG050791.D
Acq: 30 Oct 2021 00:10

Tgt Ion:136 Resp: 166783

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.2
54	9.7	5.5	8.3#
68	7.0	2.3	3.5#

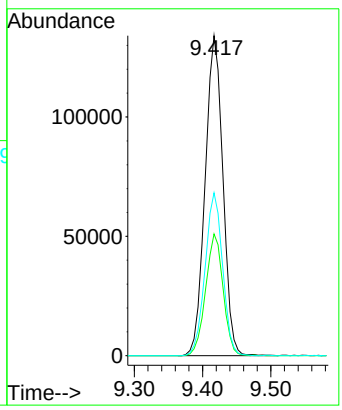




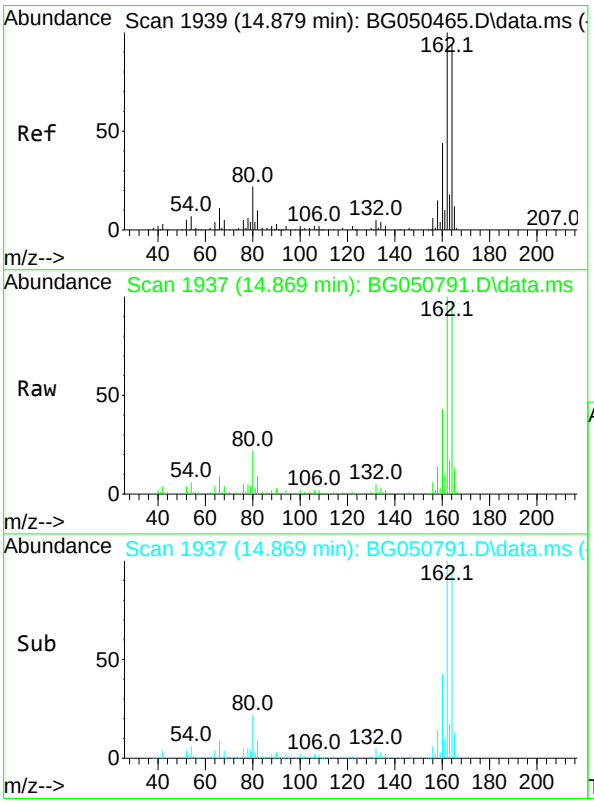
#23
Nitrobenzene-d5
Concen: 60.411 ng
RT: 9.417 min Scan# 1009
Delta R.T. -0.011 min
Lab File: BG050791.D
Acq: 30 Oct 2021 00:10

Tgt Ion: 82 Resp: 243394

Ion	Ratio	Lower	Upper
82	100		
128	38.1	29.8	44.6
54	50.9	45.8	68.8



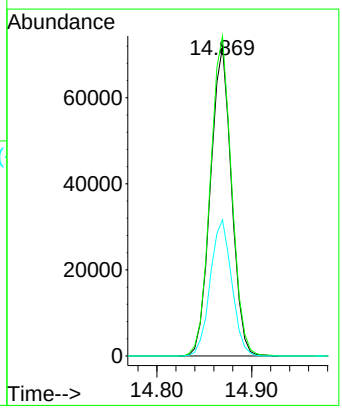
Instrument :
BNA_G
ClientSampleId :
EO-01-102821



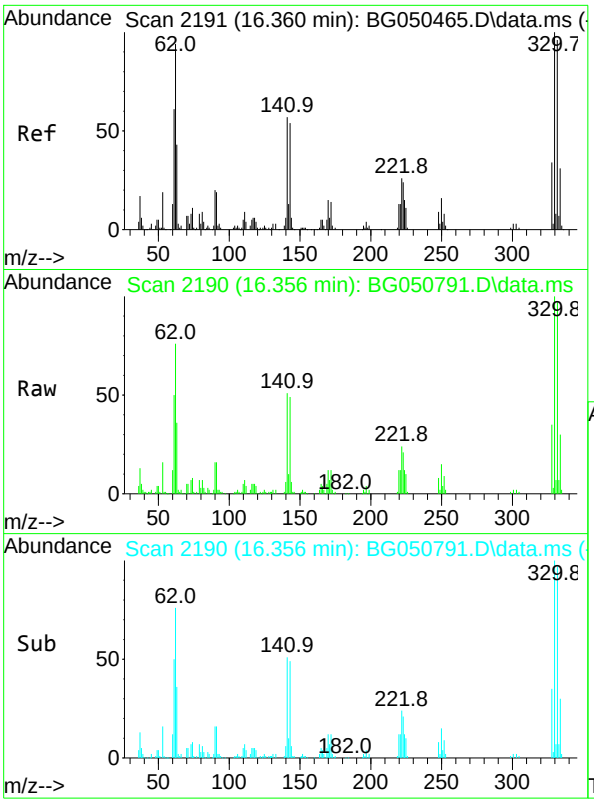
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.869 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BG050791.D
Acq: 30 Oct 2021 00:10

Tgt Ion:164 Resp: 110686

Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.4	122.0
160	44.0	34.9	52.3



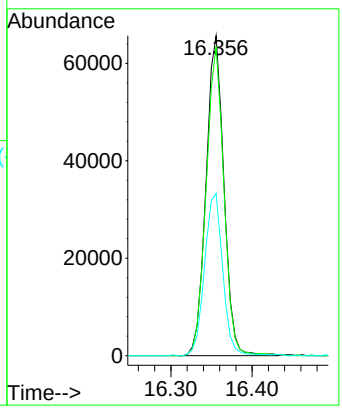
Instrument :
BNA_G
ClientSampleId :
EO-01-102821

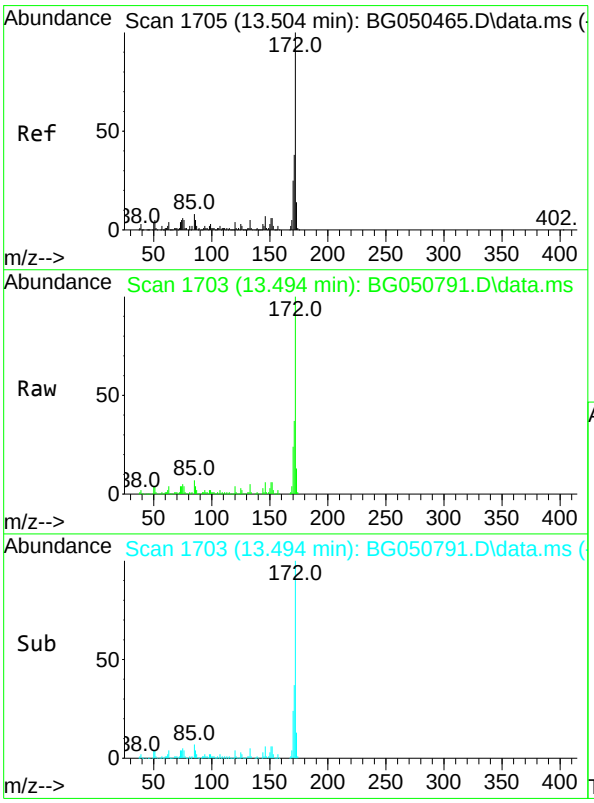


#42
2,4,6-Tribromophenol
Concen: 95.150 ng
RT: 16.356 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BG050791.D
Acq: 30 Oct 2021 00:10

Tgt Ion:330 Resp: 100455

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	51.8	35.6	53.4

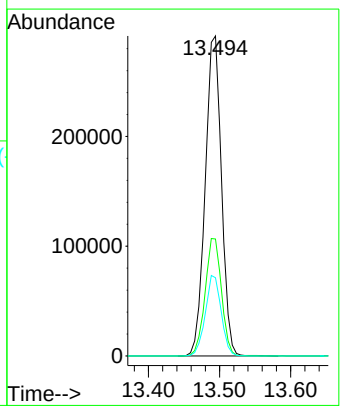


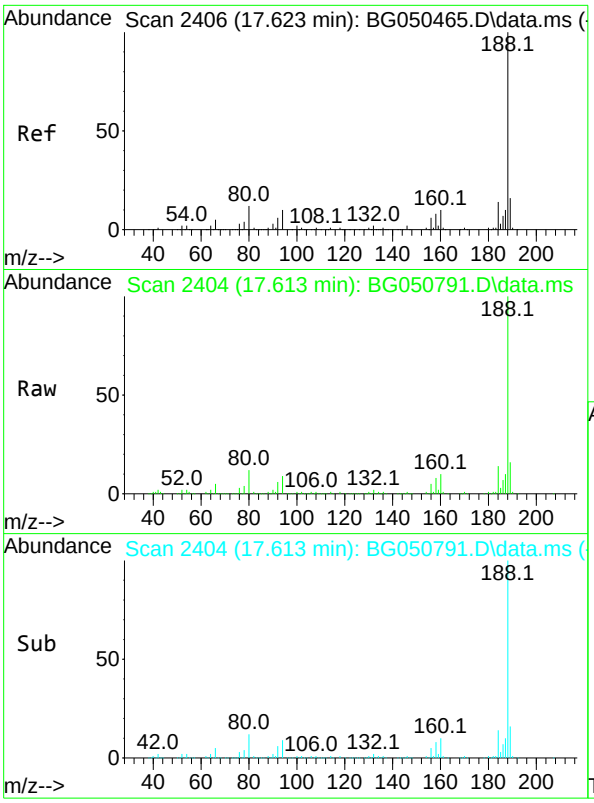


#45
2-Fluorobiphenyl
Concen: 63.031 ng
RT: 13.494 min Scan# 1703
Delta R.T. -0.011 min
Lab File: BG050791.D
Acq: 30 Oct 2021 00:10

Tgt Ion:172 Resp: 463555

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	43.0
170	24.5	18.6	27.8

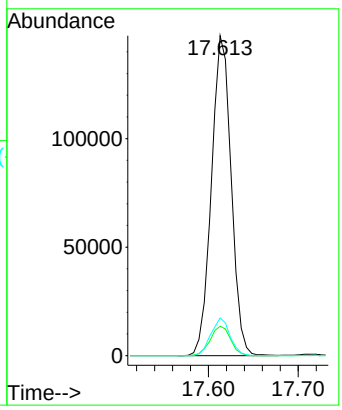




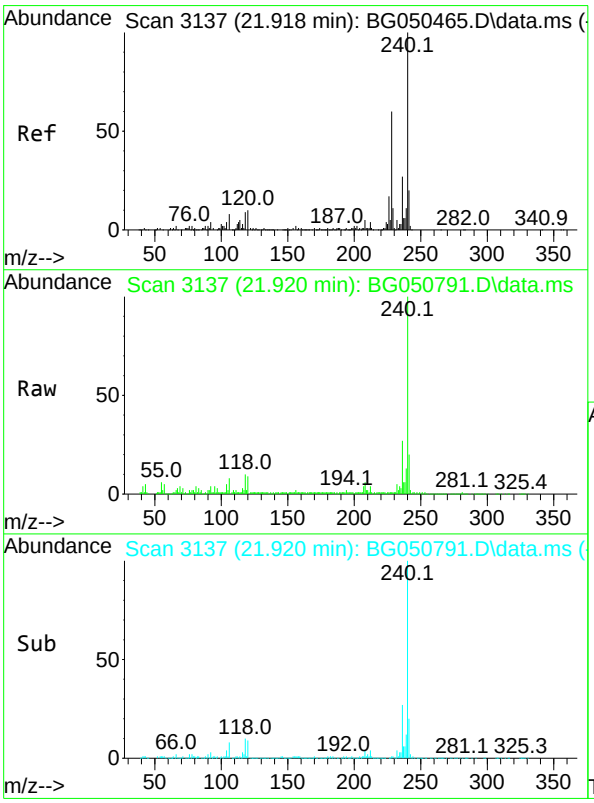
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.613 min Scan# 2404
Delta R.T. -0.005 min
Lab File: BG050791.D
Acq: 30 Oct 2021 00:10

Tgt Ion:188 Resp: 224856

Ion	Ratio	Lower	Upper
188	100		
94	9.2	5.4	8.0#
80	11.8	3.7	5.5#



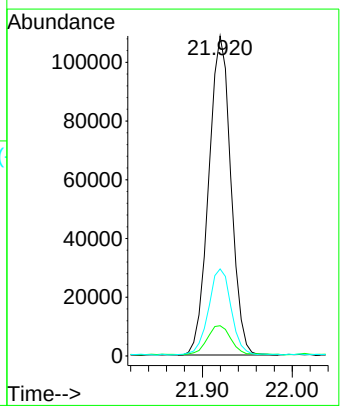
Instrument :
BNA_G
ClientSampleId :
EO-01-102821



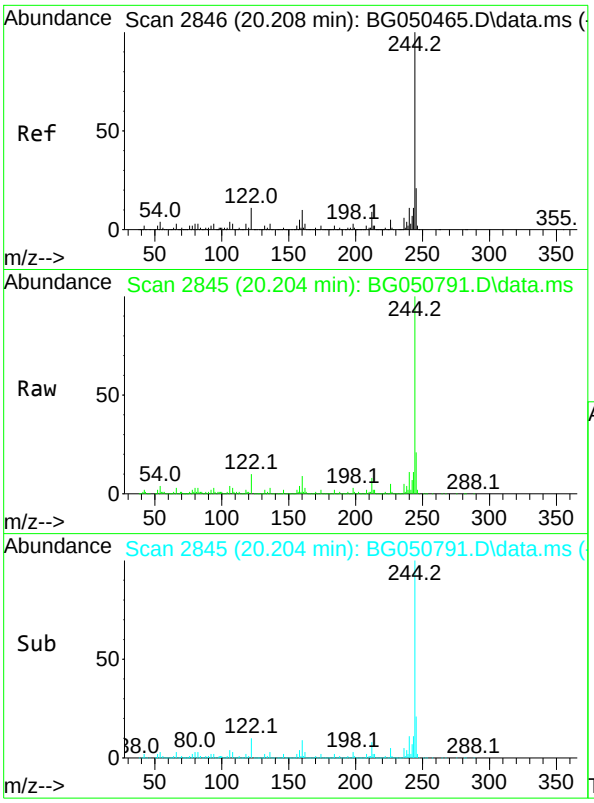
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.920 min Scan# 3137
Delta R.T. -0.005 min
Lab File: BG050791.D
Acq: 30 Oct 2021 00:10

Tgt Ion:240 Resp: 186098

Ion	Ratio	Lower	Upper
240	100		
120	9.5	4.2	6.2#
236	27.2	21.8	32.6



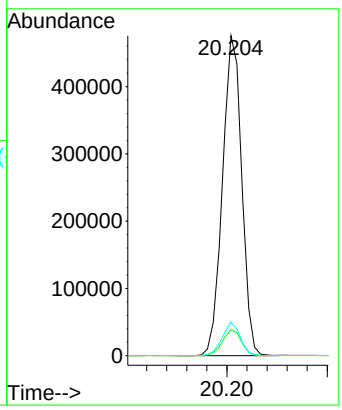
Instrument :
BNA_G
ClientSampleId :
EO-01-102821

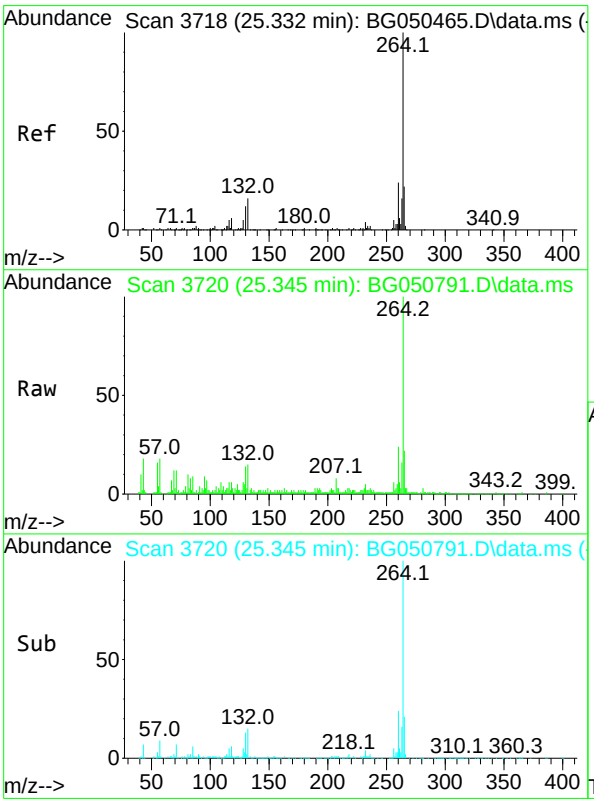


#79
Terphenyl-d14
Concen: 66.004 ng
RT: 20.204 min Scan# 2845
Delta R.T. -0.005 min
Lab File: BG050791.D
Acq: 30 Oct 2021 00:10

Tgt Ion:244 Resp: 630293

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	10.4	5.0	7.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.345 min Scan# 3720
Delta R.T. 0.013 min
Lab File: BG050791.D
Acq: 30 Oct 2021 00:10

Tgt Ion:264 Resp: 186241

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.6	16.9	25.3