Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
Data File : BG047288.D
Acq On : 11 Nov 2020 17:23
Operator : CG/JU
Sample : L4688-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BF-CONCRETE

Quant Time: Nov 12 02:08:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 04 16:19:40 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.011	152	60621	20.00	ng	# 0.00
21) Naphthalene-d8	10.819	136	244184	20.00	ng	# 0.00
39) Acenaphthene-d10	14.644	164	171803	20.00	ng	0.00
64) Phenanthrene-d10	17.394	188	396410	20.00	ng	# 0.00
76) Chrysene-d12	21.654	240	353456	20.00	ng	# 0.00
86) Perylene-d12	24.856	264	369258	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.578	112	1145	0.31	ng	0.02
7) Phenol-d6	7.176	99	18647	3.44	ng	0.02
23) Nitrobenzene-d5	9.174	82	245363	43.12	ng	0.00
42) 2,4,6-Tribromophenol	15.672	330	64	0.02	ng	-0.46
45) 2-Fluorobiphenyl	13.269	172	582555	43.49	ng	0.00
79) Terphenyl-d14	19.997	244	890626	44.31	ng	0.00
Target Compounds						Qvalue
25) Isophorone	9.738	82	54454	5.59	ng	# 93
50) Dimethylphthalate	14.092	163	40559	2.67	ng	# 95

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

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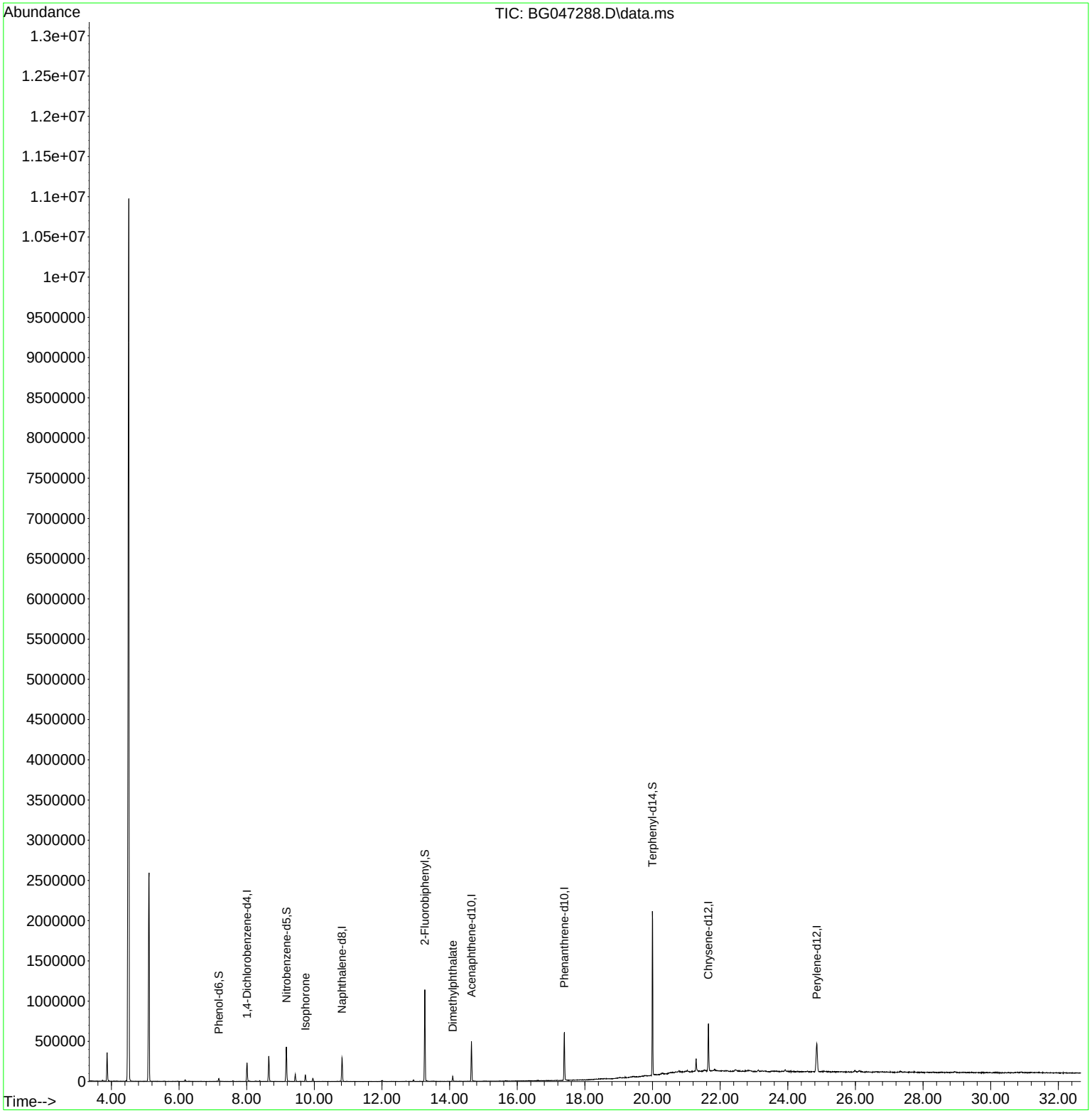

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BNA_G
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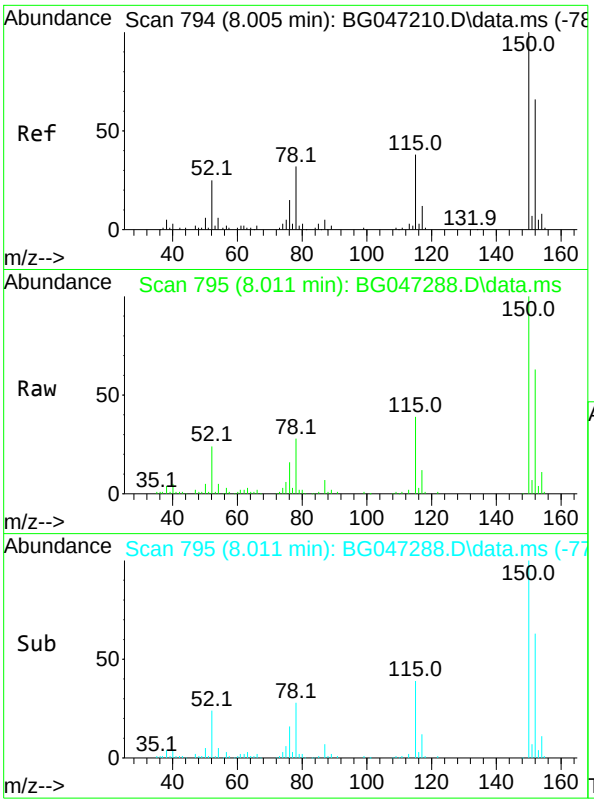
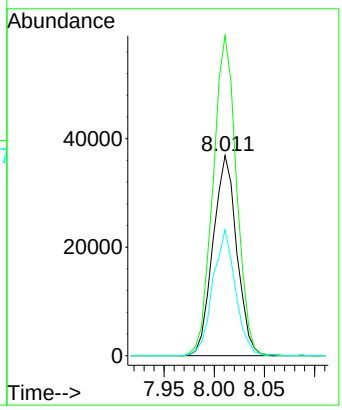
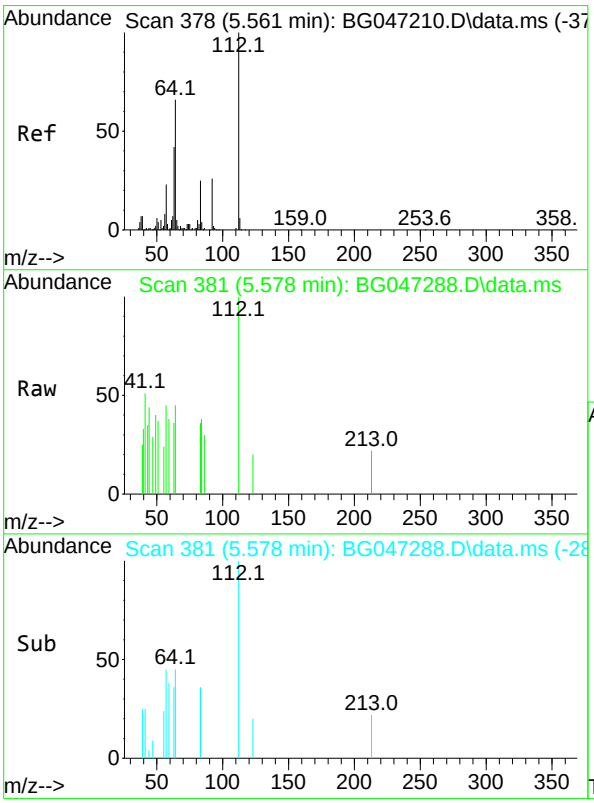


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.011 min Scan# 795
Delta R.T. 0.006 min
Lab File: BG047288.D
Acq: 11 Nov 2020 17:23

Tgt Ion:152 Resp: 60621

Ion	Ratio	Lower	Upper
152	100		
150	159.8	125.0	187.6
115	62.9	41.8	62.6#

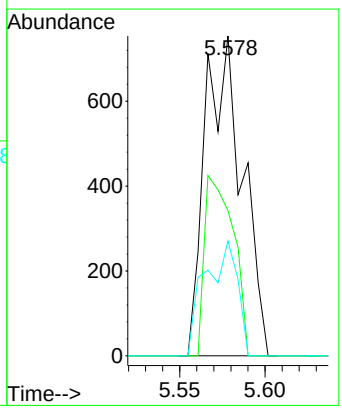


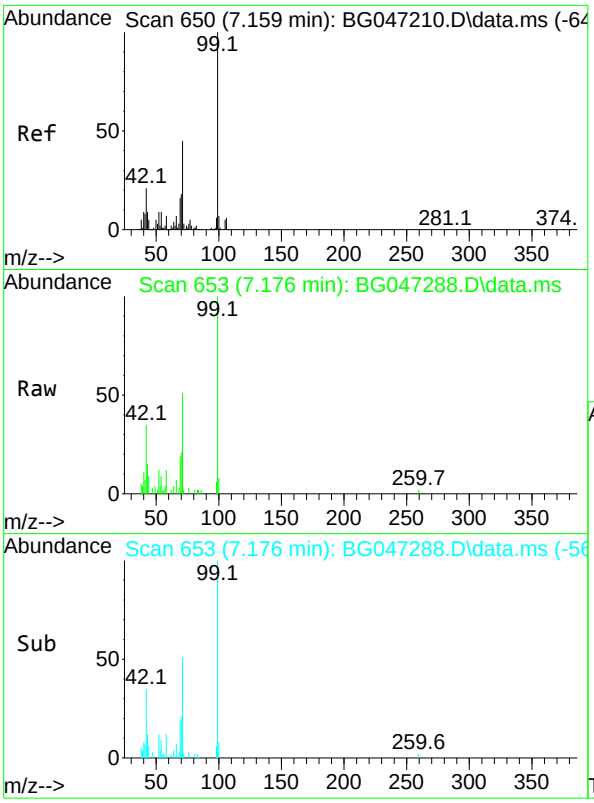


#5
2-Fluorophenol
Concen: 0.31 ng
RT: 5.578 min Scan# 381
Delta R.T. 0.017 min
Lab File: BG047288.D
Acq: 11 Nov 2020 17:23

Tgt Ion:112 Resp: 1145

Ion	Ratio	Lower	Upper
112	100		
64	45.4	46.7	70.1#
63	35.9	22.8	34.2#

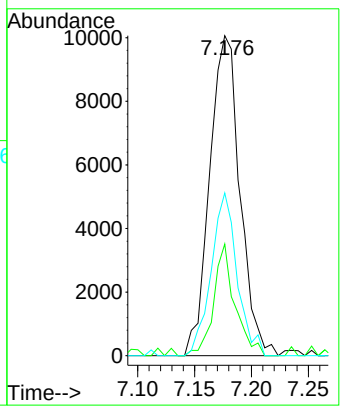




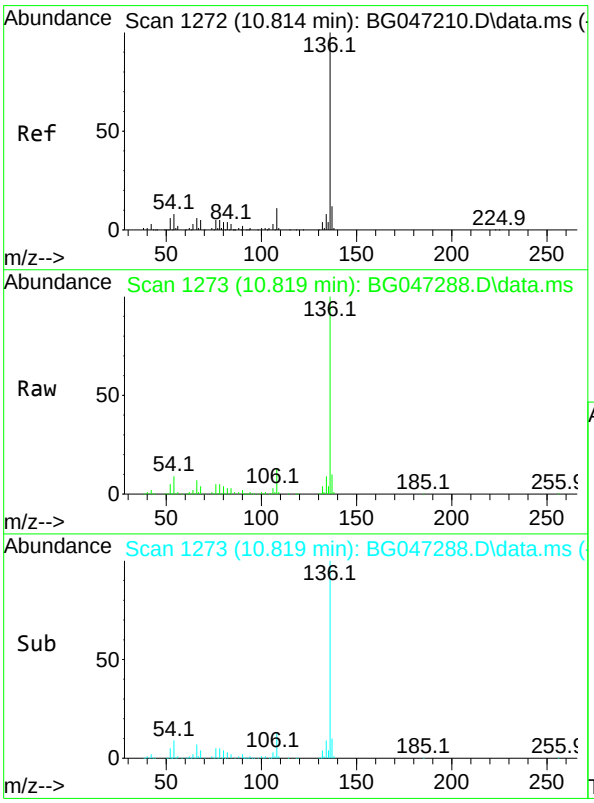
#7
Phenol-d6
Concen: 3.44 ng
RT: 7.176 min Scan# 653
Delta R.T. 0.017 min
Lab File: BG047288.D
Acq: 11 Nov 2020 17:23

Tgt Ion: 99 Resp: 18647

Ion	Ratio	Lower	Upper
99	100		
42	34.9	12.8	19.2#
71	50.8	24.6	36.8#



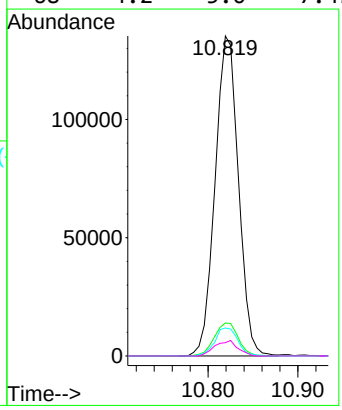
Instrument :
BNA_G
ClientSampleId :
BF-CONCRETE



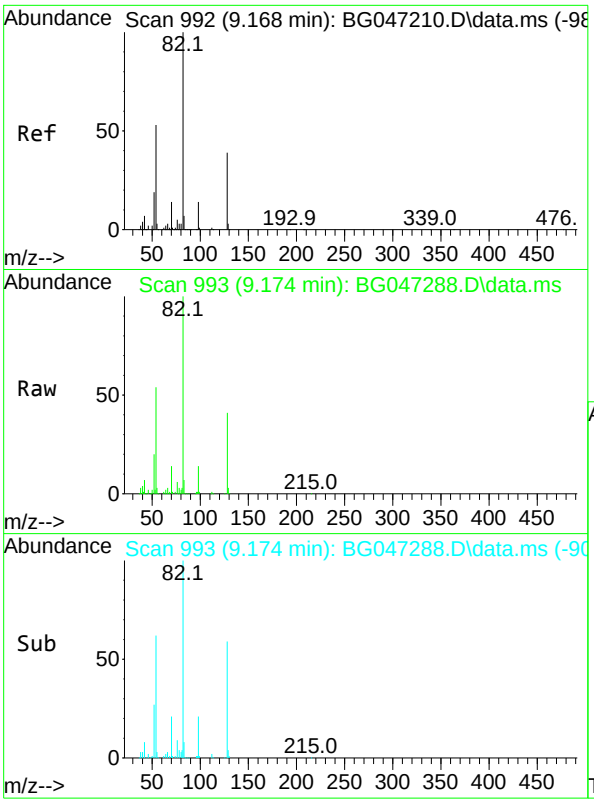
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.819 min Scan# 1273
Delta R.T. 0.005 min
Lab File: BG047288.D
Acq: 11 Nov 2020 17:23

Tgt Ion:136 Resp: 244184

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	8.7	6.2	9.4
68	4.2	5.0	7.4#



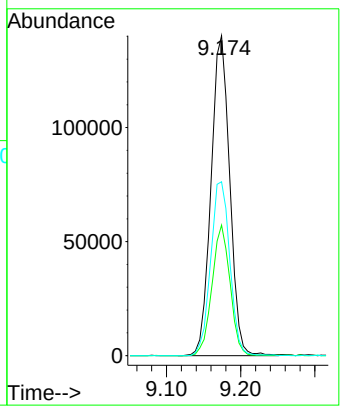
Instrument :
BNA_G
ClientSampleId :
BF-CONCRETE

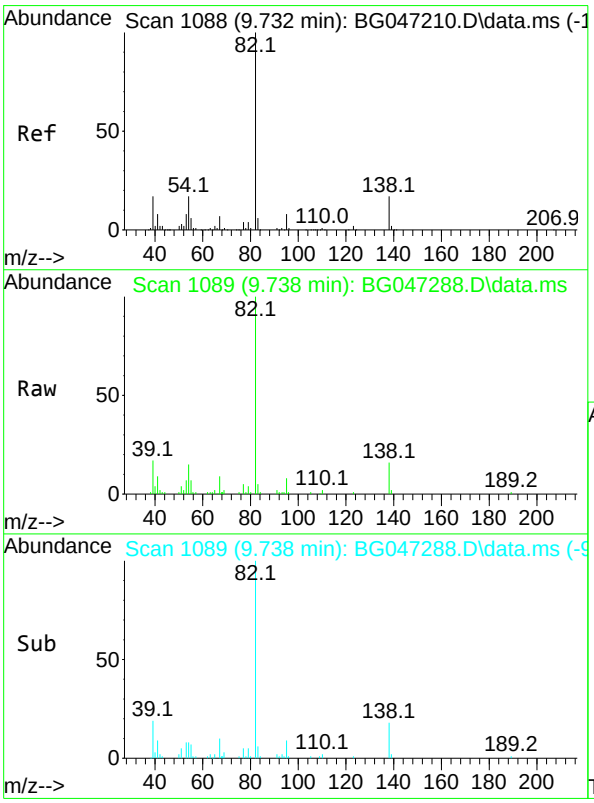


#23
Nitrobenzene-d5
Concen: 43.12 ng
RT: 9.174 min Scan# 993
Delta R.T. 0.006 min
Lab File: BG047288.D
Acq: 11 Nov 2020 17:23

Tgt Ion: 82 Resp: 245363

Ion	Ratio	Lower	Upper
82	100		
128	40.8	37.0	55.6
54	54.4	39.0	58.4

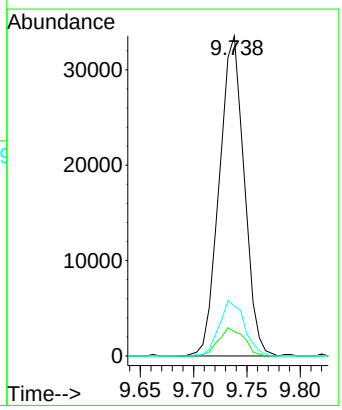




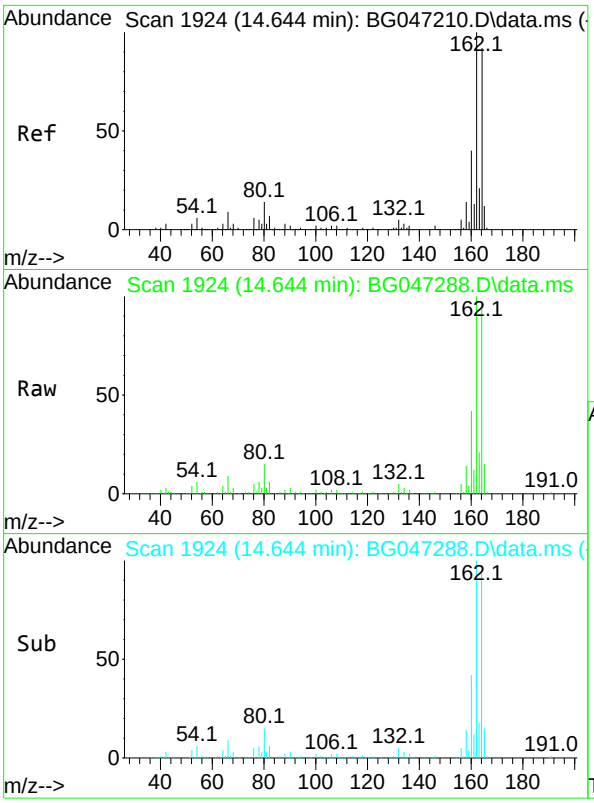
#25
Isophorone
Concen: 5.59 ng
RT: 9.738 min Scan# 1089
Delta R.T. 0.006 min
Lab File: BG047288.D
Acq: 11 Nov 2020 17:23

Tgt Ion: 82 Resp: 54454

Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.6	8.4
138	15.6	15.8	23.6#



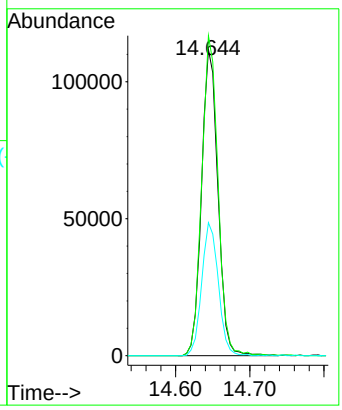
Instrument :
BNA_G
ClientSampleId :
BF-CONCRETE

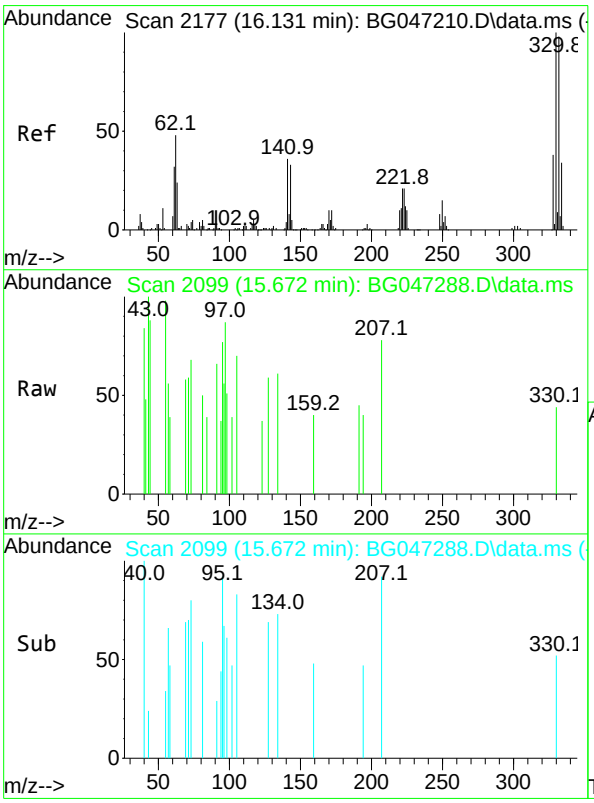


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.644 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BG047288.D
Acq: 11 Nov 2020 17:23

Tgt Ion:164 Resp: 171803

Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.3	123.5
160	43.4	35.3	52.9

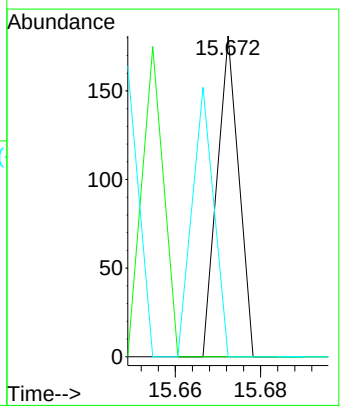




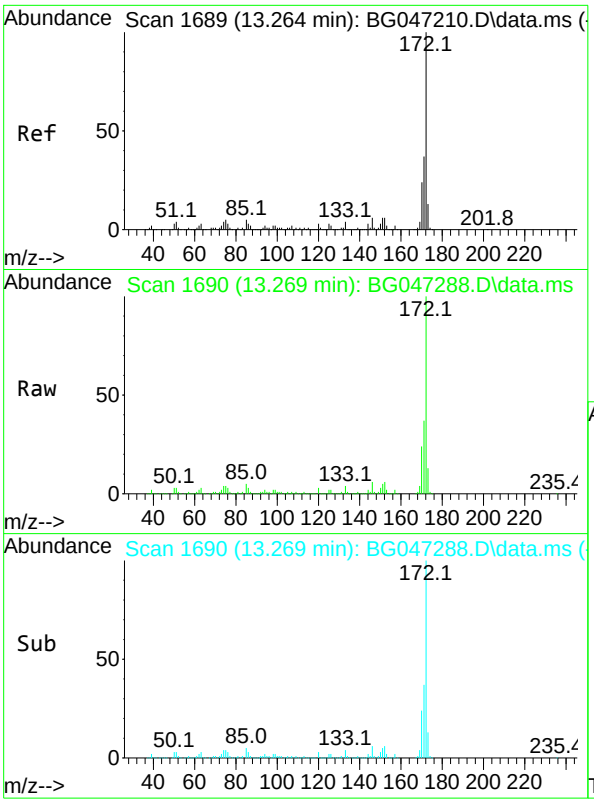
#42
2,4,6-Tribromophenol
Concen: 0.02 ng
RT: 15.672 min Scan# 2099
Delta R.T. -0.458 min
Lab File: BG047288.D
Acq: 11 Nov 2020 17:23

Tgt Ion:330 Resp: 64

Ion	Ratio	Lower	Upper
330	100		
332	0.0	76.5	114.7#
141	84.4	26.0	39.0#



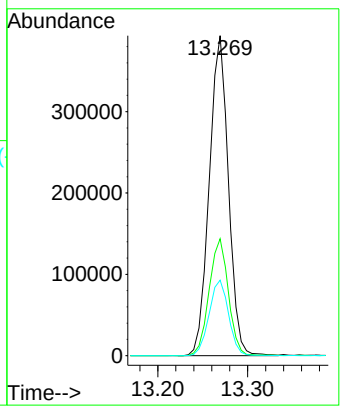
Instrument :
BNA_G
ClientSampleId :
BF-CONCRETE

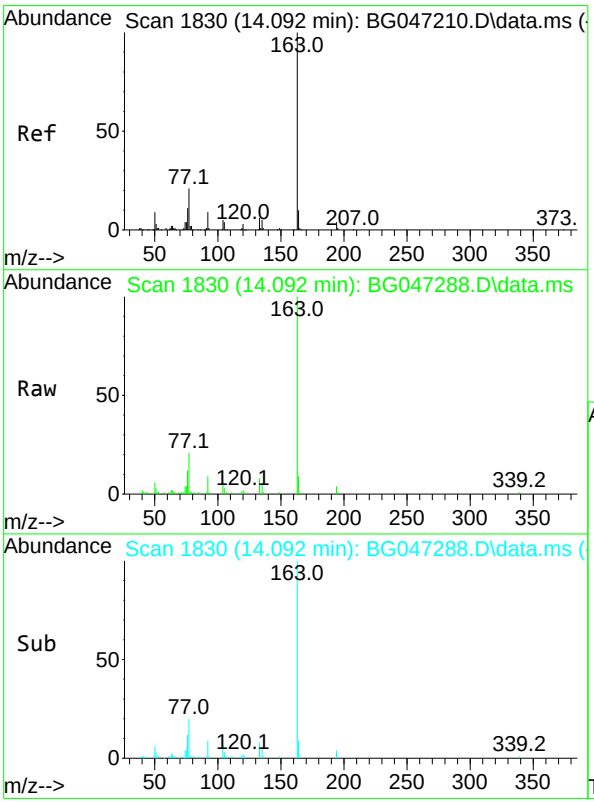


#45
2-Fluorobiphenyl
Concen: 43.49 ng
RT: 13.269 min Scan# 1690
Delta R.T. 0.006 min
Lab File: BG047288.D
Acq: 11 Nov 2020 17:23

Tgt Ion:172 Resp: 582555

Ion	Ratio	Lower	Upper
172	100		
171	36.6	31.3	46.9
170	23.6	20.8	31.2

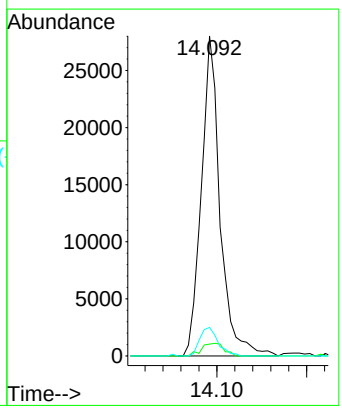




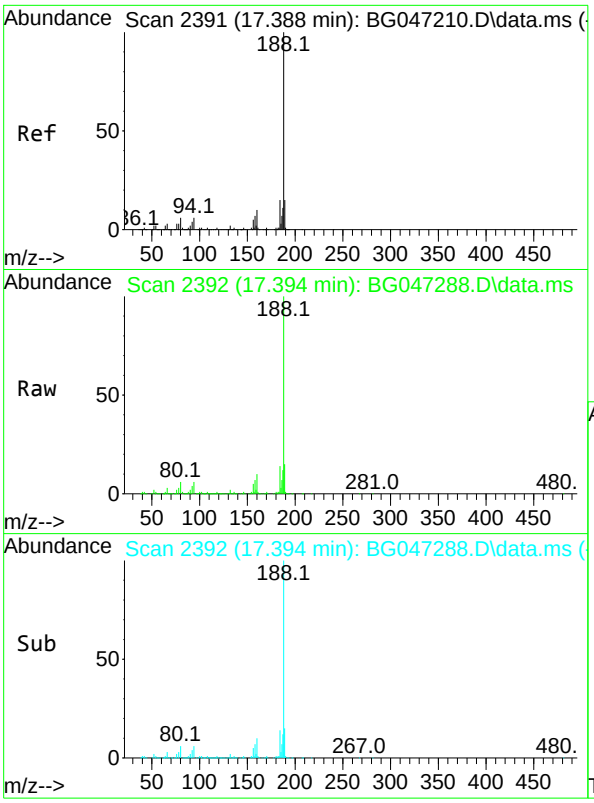
#50
Dimethylphthalate
Concen: 2.67 ng
RT: 14.092 min Scan# 1830
Delta R.T. -0.000 min
Lab File: BG047288.D
Acq: 11 Nov 2020 17:23

Tgt Ion:163 Resp: 40559

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.8	5.8#
164	8.9	8.8	13.2



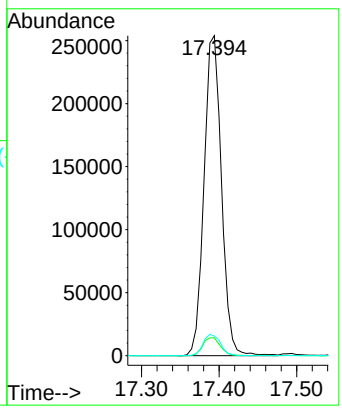
Instrument :
BNA_G
ClientSampleId :
BF-CONCRETE

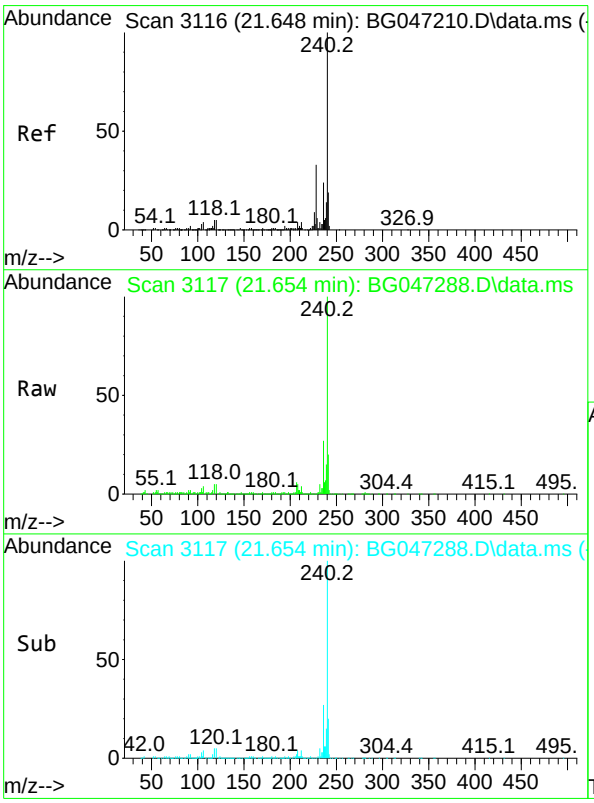


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.394 min Scan# 2392
Delta R.T. 0.006 min
Lab File: BG047288.D
Acq: 11 Nov 2020 17:23

Tgt Ion:188 Resp: 396410

Ion	Ratio	Lower	Upper
188	100		
94	5.6	6.3	9.5#
80	6.2	7.0	10.6#

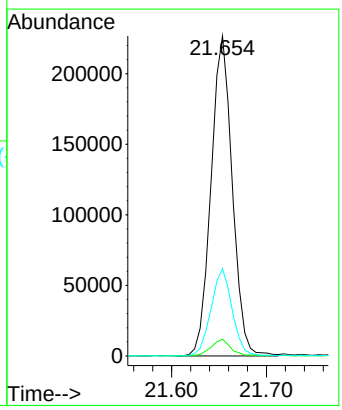


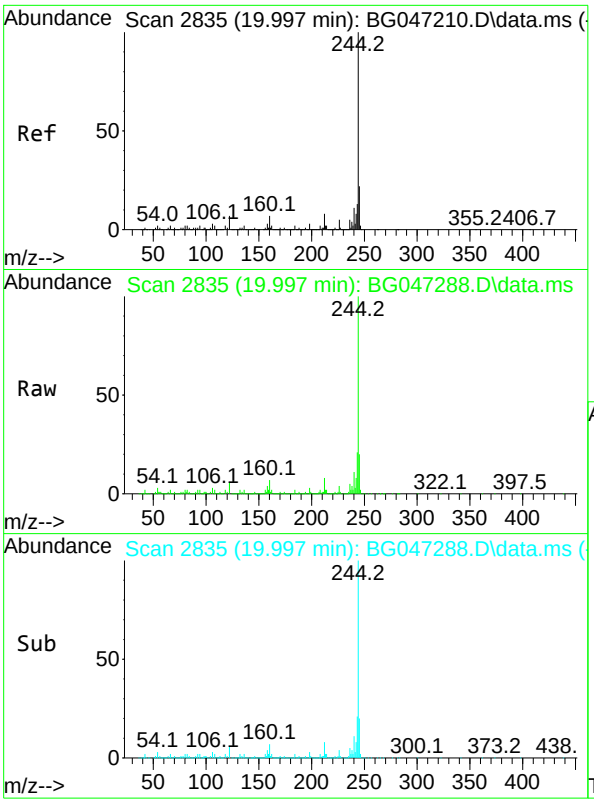


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.654 min Scan# 3117
Delta R.T. 0.006 min
Lab File: BG047288.D
Acq: 11 Nov 2020 17:23

Tgt Ion:240 Resp: 353456

Ion	Ratio	Lower	Upper
240	100		
120	5.2	6.2	9.4#
236	27.3	20.5	30.7

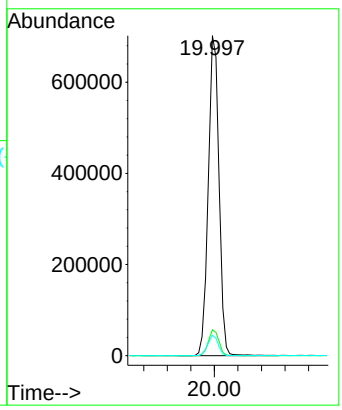




#79
Terphenyl-d14
Concen: 44.31 ng
RT: 19.997 min Scan# 2835
Delta R.T. -0.000 min
Lab File: BG047288.D
Acq: 11 Nov 2020 17:23

Tgt Ion:244 Resp: 890626

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.7	10.1
122	6.4	7.8	11.6#



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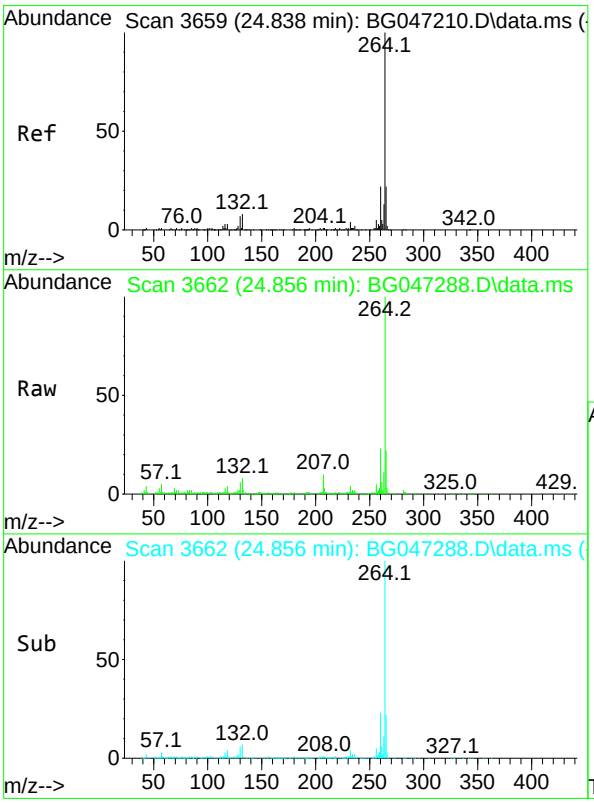

#86
Perylene-d12
Concen: 20.00 ng
RT: 24.856 min Scan# 3662
Delta R.T. 0.017 min
Lab File: BG047288.D
Acq: 11 Nov 2020 17:23

Tgt Ion:264 Resp: 369258

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.8	28.2
265	22.0	17.8	26.8