Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
Data File : BG047287.D
Acq On : 11 Nov 2020 16:42
Operator : CG/JU
Sample : L4689-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 332

Quant Time: Nov 11 17:23:16 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	8.006	152	64097	20.00	ng	0.00
21) Naphthalene-d8	10.820	136	256427	20.00	ng	# 0.00
39) Acenaphthene-d10	14.645	164	171470	20.00	ng	0.00
64) Phenanthrene-d10	17.389	188	389824	20.00	ng	# 0.00
76) Chrysene-d12	21.655	240	357920	20.00	ng	# 0.00
86) Perylene-d12	24.857	264	365393	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.574	112	32082	8.11	ng	0.01
7) Phenol-d6	7.178	99	200499	35.03	ng	0.02
23) Nitrobenzene-d5	9.169	82	270237	45.23	ng	0.00
42) 2,4,6-Tribromophenol	16.138	330	859	0.30	ng	0.00
45) 2-Fluorobiphenyl	13.270	172	643800	48.16	ng	0.00
79) Terphenyl-d14	19.998	244	945385	46.45	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.093	163	89632	5.92	ng	97
78) Pyrene	19.804	202	57584	2.31	ng	96

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

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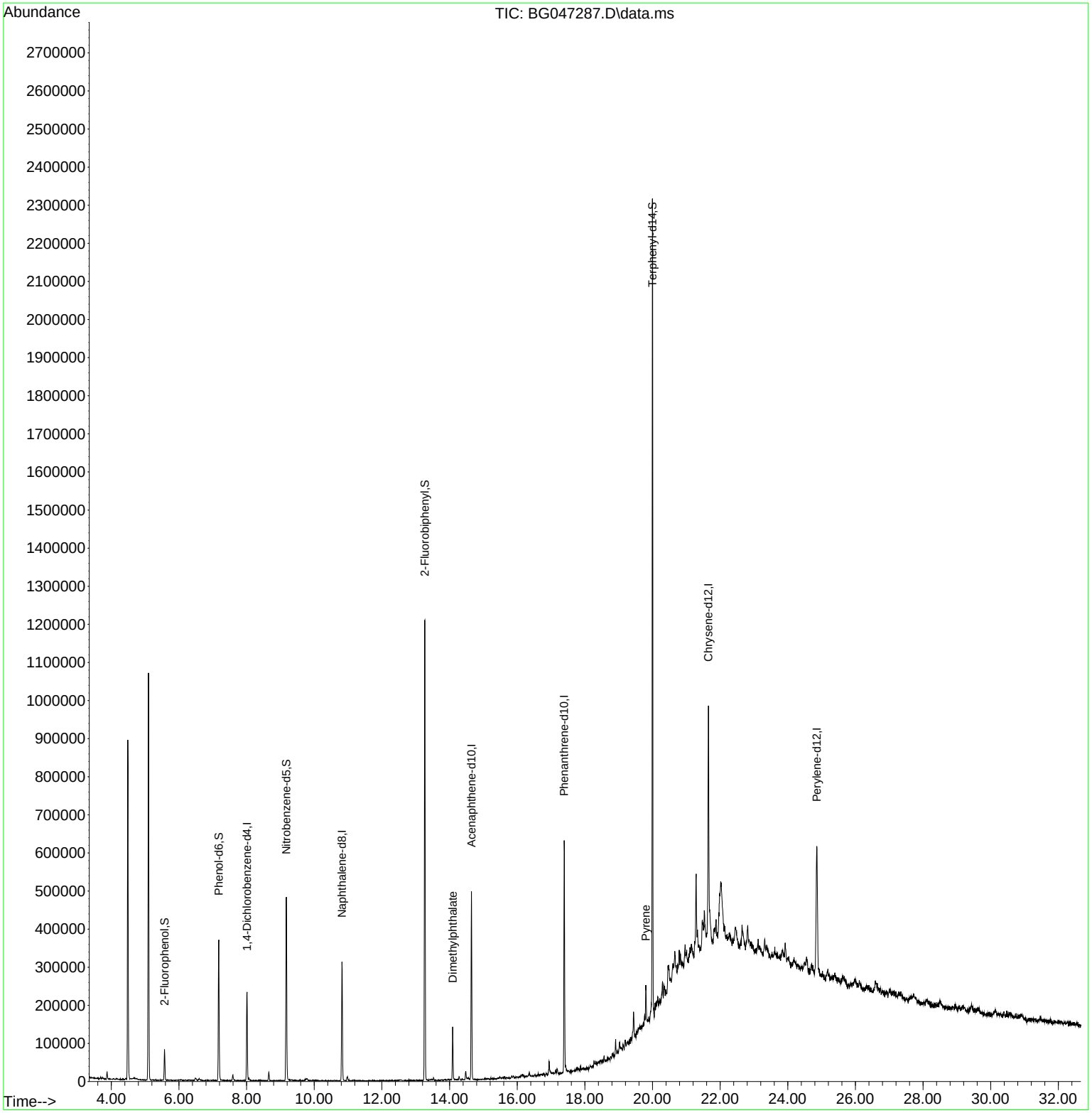

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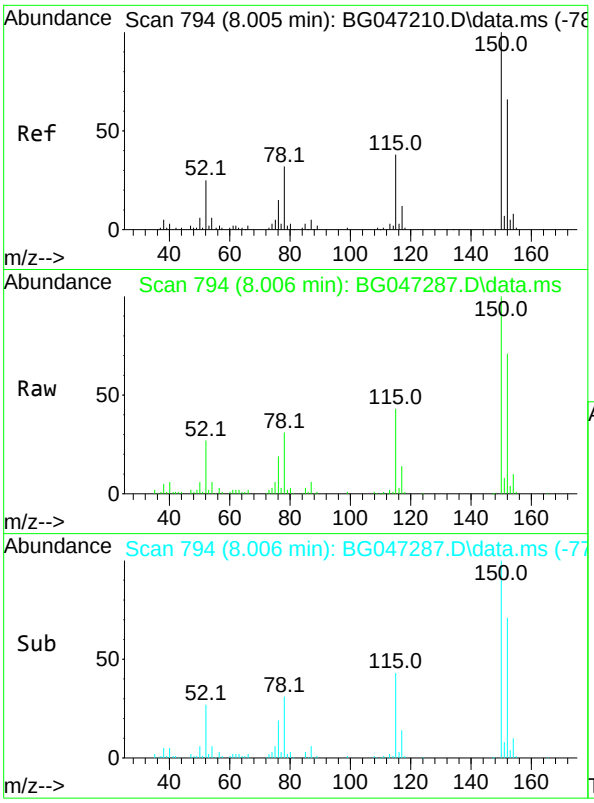
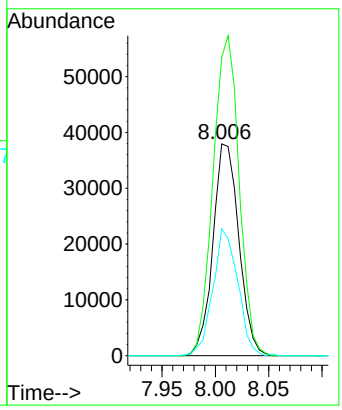
332

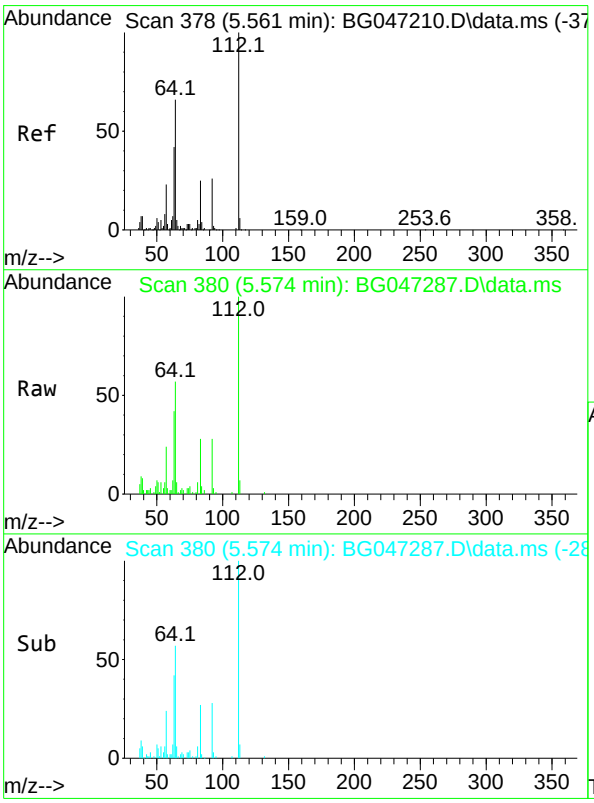


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.006 min Scan# 794
Delta R.T. 0.001 min
Lab File: BG047287.D
Acq: 11 Nov 2020 16:42

Tgt Ion:152 Resp: 64097

Ion	Ratio	Lower	Upper
152	100		
150	140.9	125.0	187.6
115	59.9	41.8	62.6

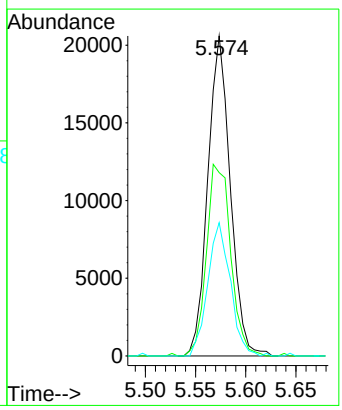


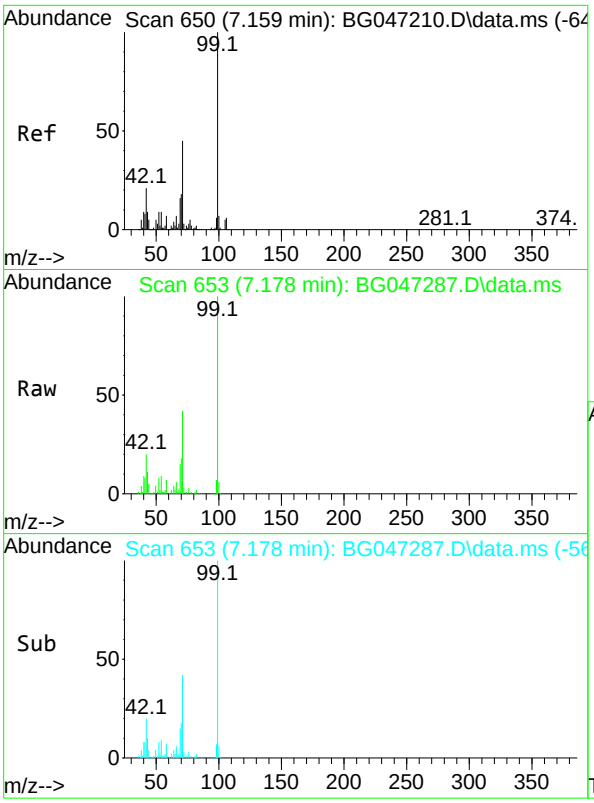


#5
2-Fluorophenol
Concen: 8.11 ng
RT: 5.574 min Scan# 380
Delta R.T. 0.013 min
Lab File: BG047287.D
Acq: 11 Nov 2020 16:42

Tgt Ion:112 Resp: 32082

Ion	Ratio	Lower	Upper
112	100		
64	57.3	46.7	70.1
63	41.6	22.8	34.2#

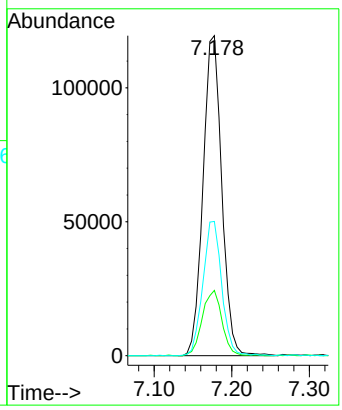




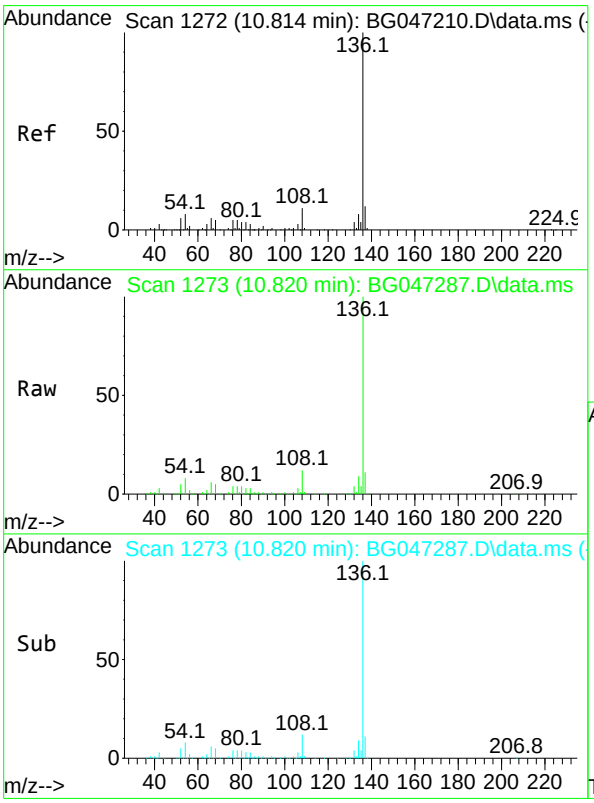
#7
Phenol-d6
Concen: 35.03 ng
RT: 7.178 min Scan# 653
Delta R.T. 0.019 min
Lab File: BG047287.D
Acq: 11 Nov 2020 16:42

Tgt Ion: 99 Resp: 200499

Ion	Ratio	Lower	Upper
99	100		
42	20.4	12.8	19.2#
71	42.0	24.6	36.8#



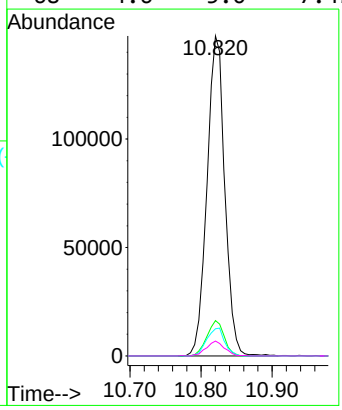
Instrument :
BNA_G
ClientSampleId :
332

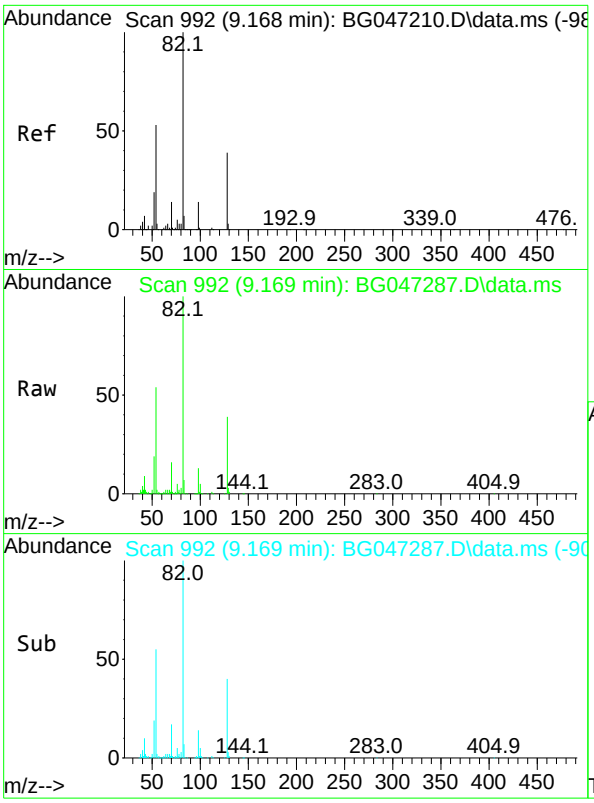


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.820 min Scan# 1273
Delta R.T. 0.006 min
Lab File: BG047287.D
Acq: 11 Nov 2020 16:42

Tgt Ion:136 Resp: 256427

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.5	6.2	9.4
68	4.6	5.0	7.4#

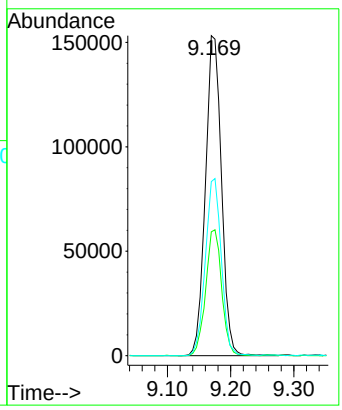




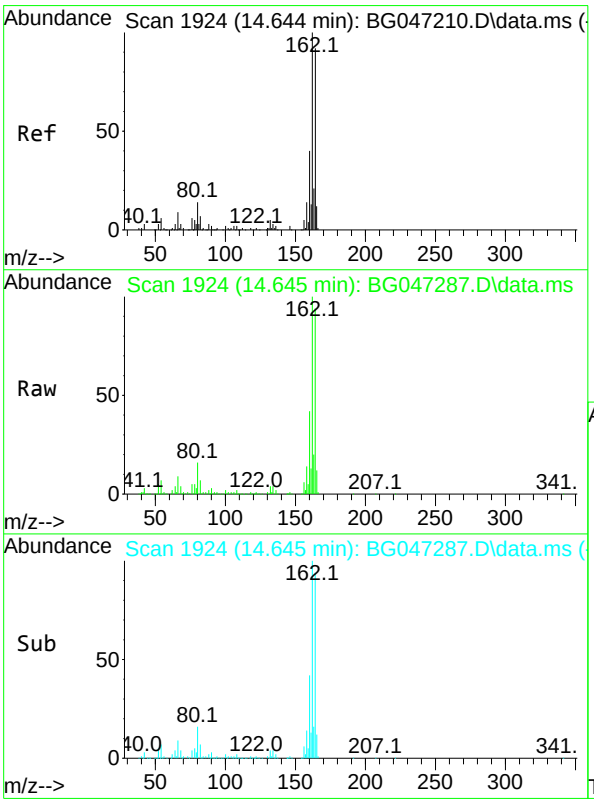
#23
Nitrobenzene-d5
Concen: 45.23 ng
RT: 9.169 min Scan# 992
Delta R.T. 0.001 min
Lab File: BG047287.D
Acq: 11 Nov 2020 16:42

Tgt Ion: 82 Resp: 270237

Ion	Ratio	Lower	Upper
82	100		
128	38.7	37.0	55.6
54	54.4	39.0	58.4



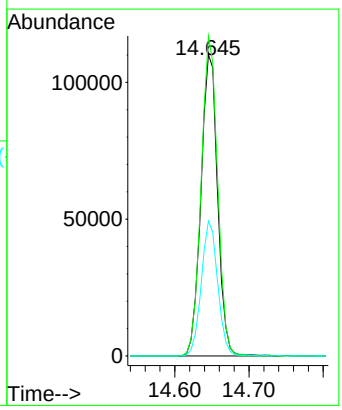
Instrument :
BNA_G
ClientSampleId :
332

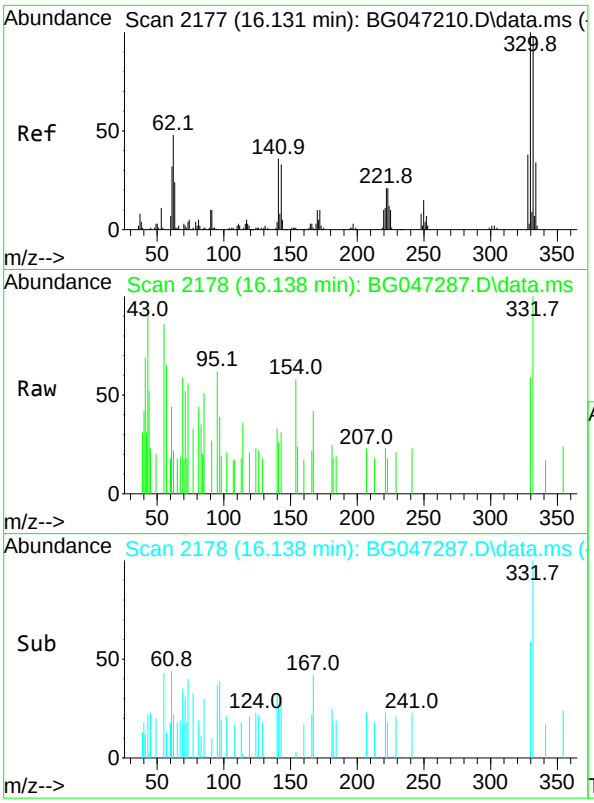


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.645 min Scan# 1924
Delta R.T. 0.001 min
Lab File: BG047287.D
Acq: 11 Nov 2020 16:42

Tgt Ion:164 Resp: 171470

Ion	Ratio	Lower	Upper
164	100		
162	106.2	82.3	123.5
160	44.8	35.3	52.9

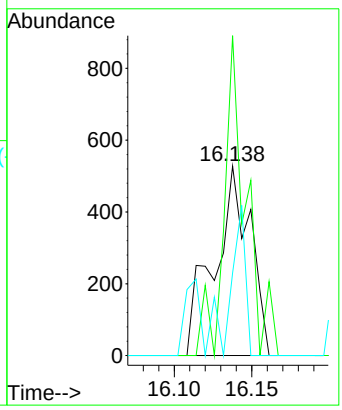




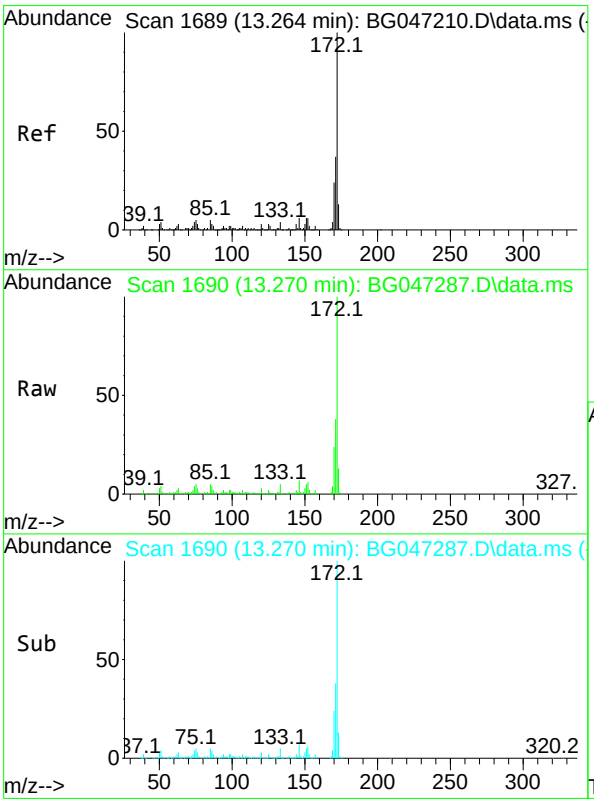
#42
2,4,6-Tribromophenol
Concen: 0.30 ng
RT: 16.138 min Scan# 2178
Delta R.T. 0.007 min
Lab File: BG047287.D
Acq: 11 Nov 2020 16:42

Tgt Ion:330 Resp: 859

Ion	Ratio	Lower	Upper
330	100		
332	102.3	76.5	114.7
141	26.5	26.0	39.0



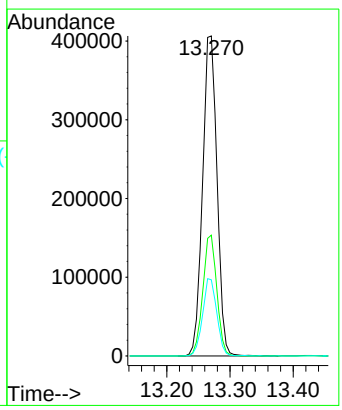
Instrument :
BNA_G
ClientSampleId :
332

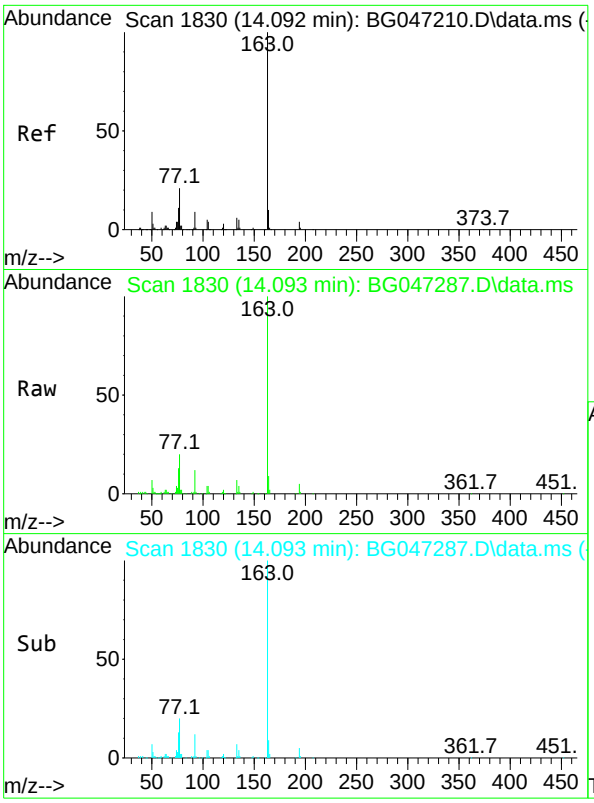


#45
2-Fluorobiphenyl
Concen: 48.16 ng
RT: 13.270 min Scan# 1690
Delta R.T. 0.007 min
Lab File: BG047287.D
Acq: 11 Nov 2020 16:42

Tgt Ion:172 Resp: 643800

Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.3	46.9
170	23.8	20.8	31.2

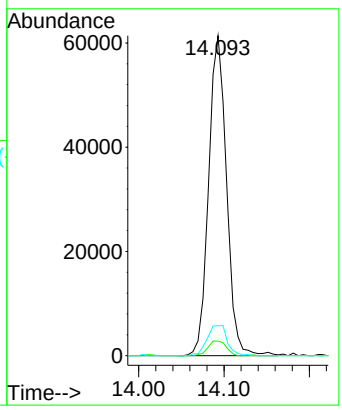




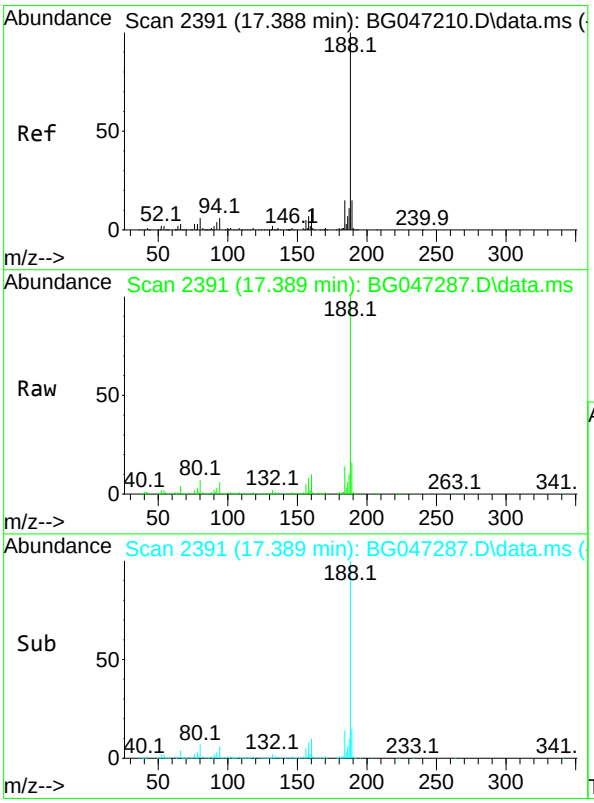
#50
Dimethylphthalate
Concen: 5.92 ng
RT: 14.093 min Scan# 1830
Delta R.T. 0.001 min
Lab File: BG047287.D
Acq: 11 Nov 2020 16:42

Tgt Ion:163 Resp: 89632

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.8	5.8
164	9.3	8.8	13.2



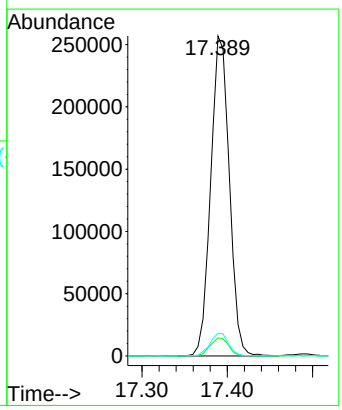
Instrument :
BNA_G
ClientSampleId :
332



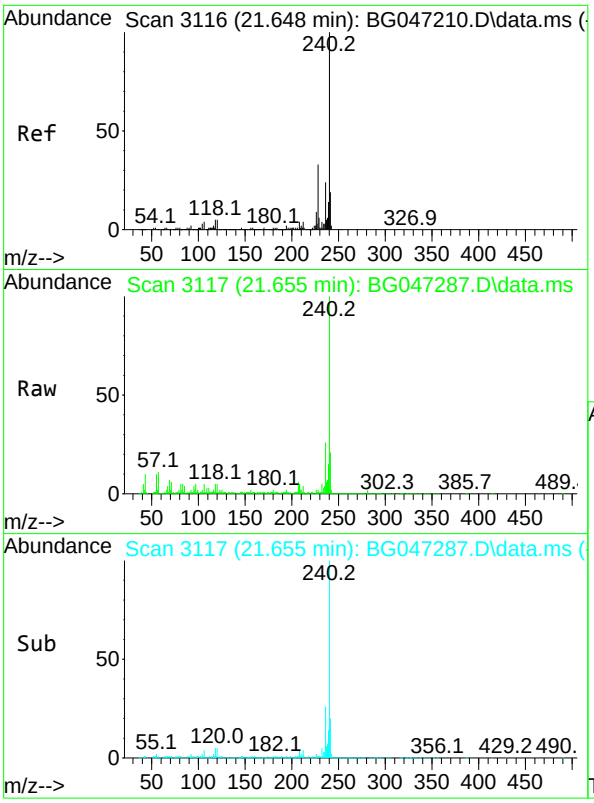
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.389 min Scan# 2391
Delta R.T. 0.001 min
Lab File: BG047287.D
Acq: 11 Nov 2020 16:42

Tgt Ion:188 Resp: 389824

Ion	Ratio	Lower	Upper
188	100		
94	5.7	6.3	9.5#
80	7.1	7.0	10.6



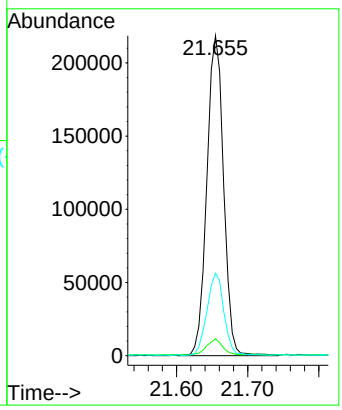
Instrument :
BNA_G
ClientSampleId :
332

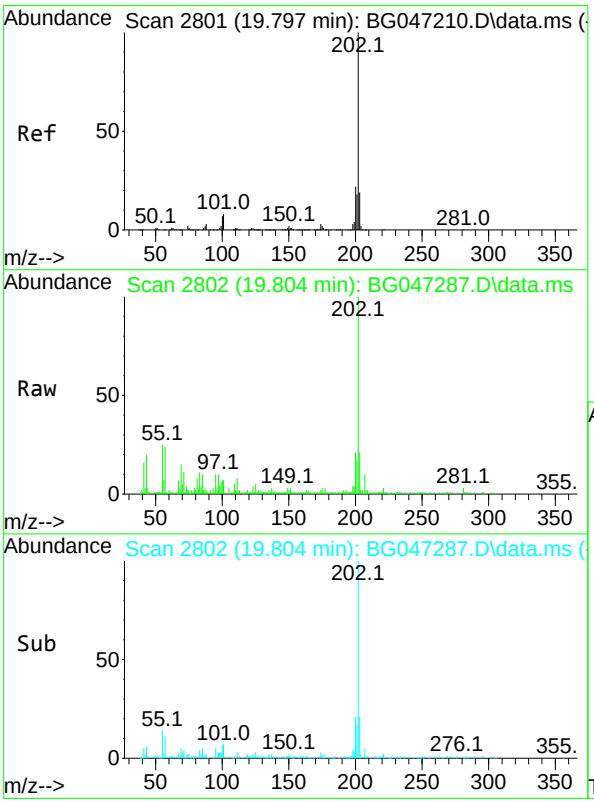


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.655 min Scan# 3117
Delta R.T. 0.007 min
Lab File: BG047287.D
Acq: 11 Nov 2020 16:42

Tgt Ion:240 Resp: 357920

Ion	Ratio	Lower	Upper
240	100		
120	5.3	6.2	9.4#
236	25.8	20.5	30.7

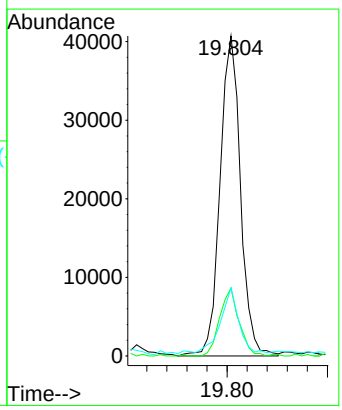




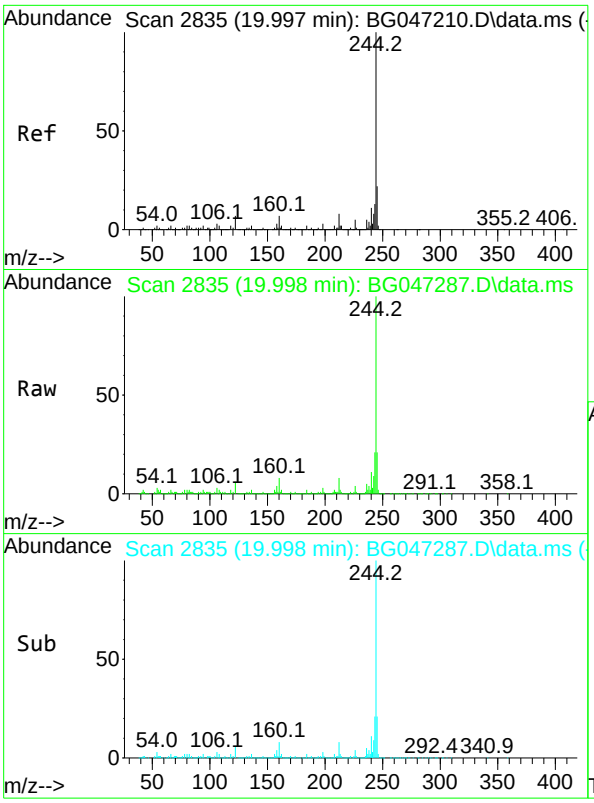
#78
Pyrene
Concen: 2.31 ng
RT: 19.804 min Scan# 2802
Delta R.T. 0.007 min
Lab File: BG047287.D
Acq: 11 Nov 2020 16:42

Tgt Ion:202 Resp: 57584

Ion	Ratio	Lower	Upper
202	100		
200	21.3	18.6	27.8
203	21.3	15.3	22.9



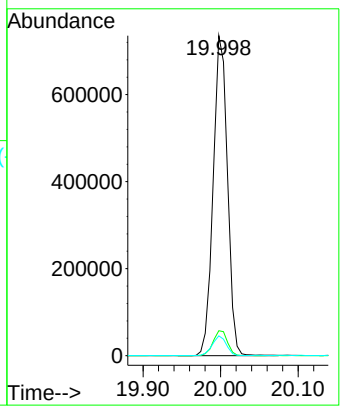
Instrument :
BNA_G
ClientSampleId :
332

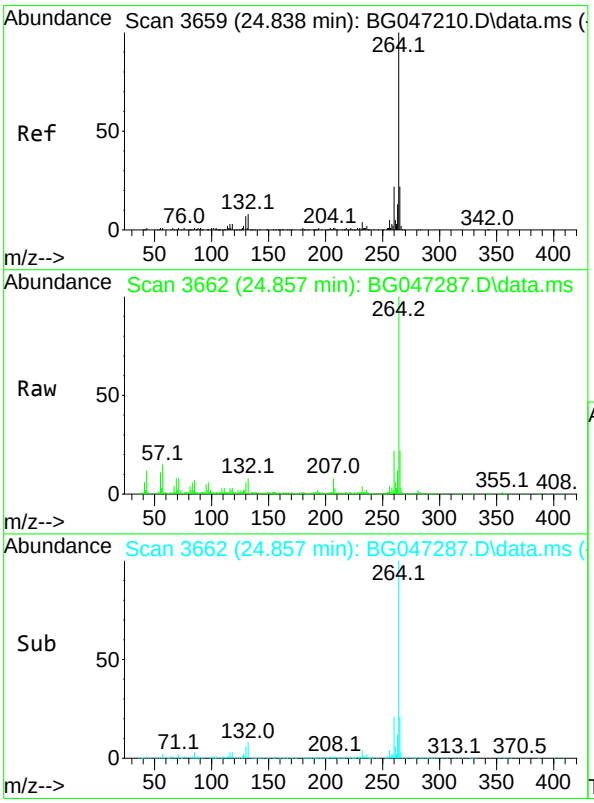


#79
Terphenyl-d14
Concen: 46.45 ng
RT: 19.998 min Scan# 2835
Delta R.T. 0.001 min
Lab File: BG047287.D
Acq: 11 Nov 2020 16:42

Tgt Ion:244 Resp: 945385

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.7	10.1
122	6.2	7.8	11.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.857 min Scan# 3662
Delta R.T. 0.019 min
Lab File: BG047287.D
Acq: 11 Nov 2020 16:42

Tgt Ion:264 Resp: 365393

Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.8	28.2
265	21.6	17.8	26.8