Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101320\
Data File : BG046881.D
Acq On : 13 Oct 2020 19:45
Operator : CG/JU
Sample : L4369-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-1

Quant Time: Oct 14 01:05:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 11:38:17 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	68385	20.00	ng	0.00
21) Naphthalene-d8	10.914	136	262298	20.00	ng	# 0.00
39) Acenaphthene-d10	14.727	164	181921	20.00	ng	0.00
64) Phenanthrene-d10	17.471	188	438477	20.00	ng	# 0.00
76) Chrysene-d12	21.742	240	470693	20.00	ng	#-0.01
86) Perylene-d12	25.009	264	468452	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	289646	67.85	ng	0.00
7) Phenol-d6	7.253	99	383480	63.69	ng	0.00
23) Nitrobenzene-d5	9.263	82	273453	55.46	ng	0.00
42) 2,4,6-Tribromophenol	16.207	330	183292	76.41	ng	0.00
45) 2-Fluorobiphenyl	13.352	172	601547	46.81	ng	0.00
79) Terphenyl-d14	20.074	244	950077	40.45	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.169	163	38691	2.66	ng	99
80) Butylbenzylphthalate	20.755	149	81782	6.99	ng	91

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

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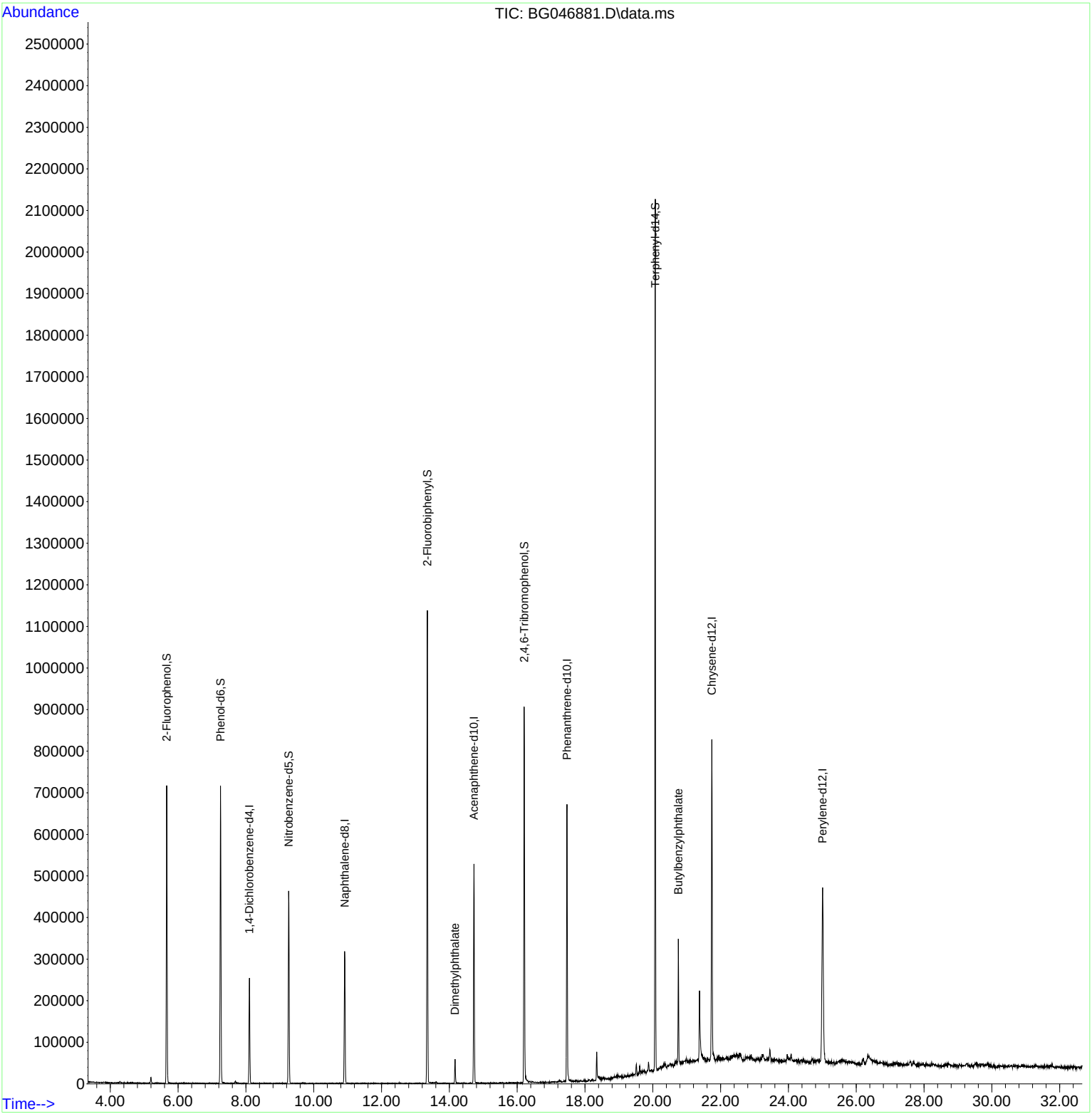
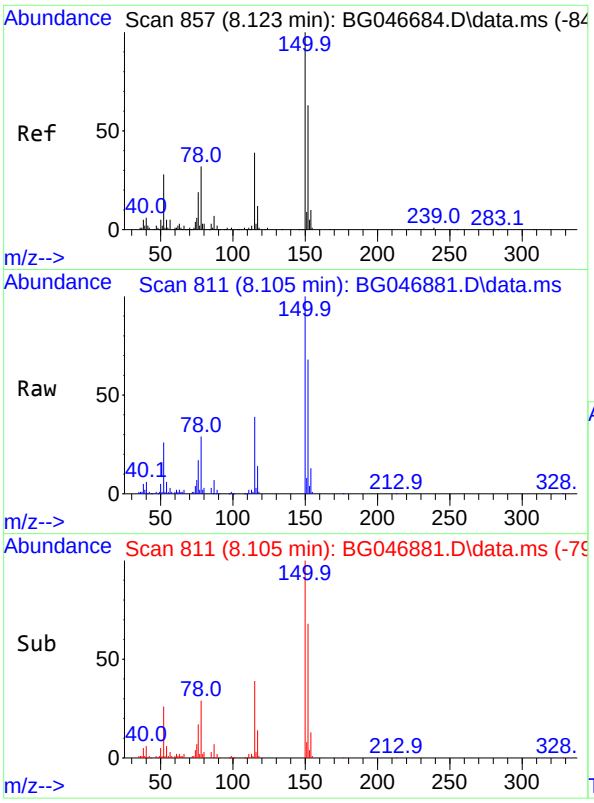
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 11:38:17 2020
Response via : Initial Calibration



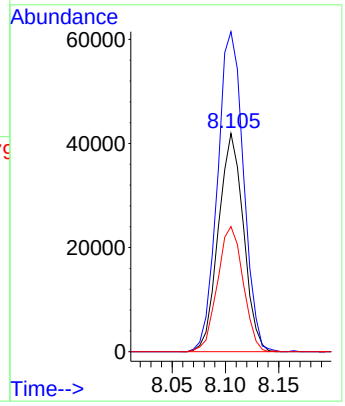
Instrument :
BNA_G
ClientSampleId :
HD-1

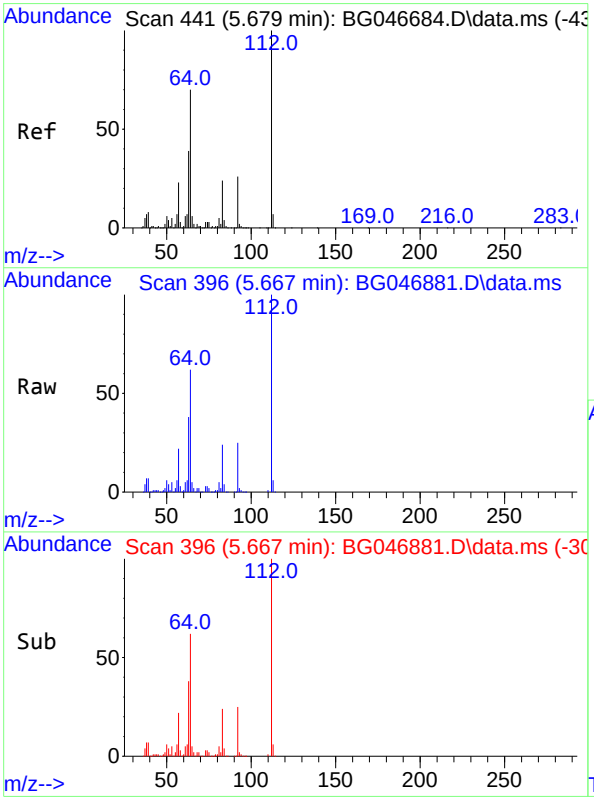


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.105 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG046881.D
Acq: 13 Oct 2020 19:45

Tgt Ion:152 Resp: 68385

Ion	Ratio	Lower	Upper
152	100		
150	146.6	125.0	187.6
115	57.3	41.8	62.6

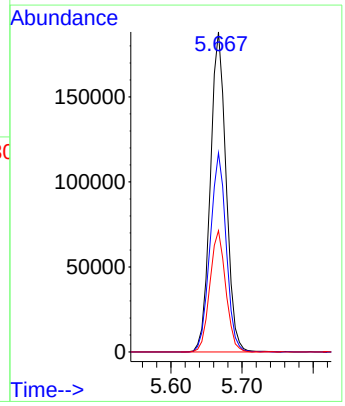




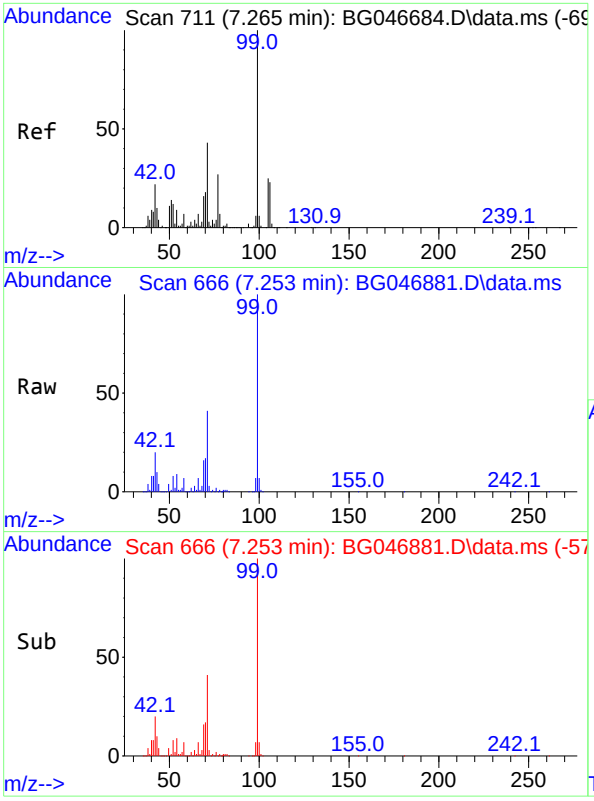
#5
2-Fluorophenol
Concen: 67.85 ng
RT: 5.667 min Scan# 396
Delta R.T. -0.003 min
Lab File: BG046881.D
Acq: 13 Oct 2020 19:45

Tgt Ion:112 Resp: 289646

Ion	Ratio	Lower	Upper
112	100		
64	62.2	46.7	70.1
63	37.9	22.8	34.2#



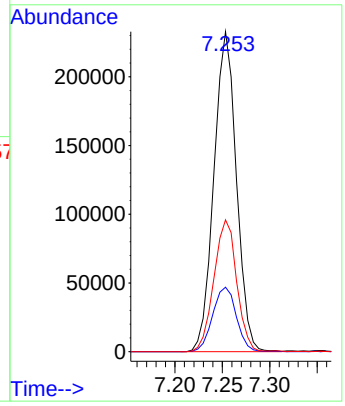
Instrument :
BNA_G
ClientSampleId :
HD-1

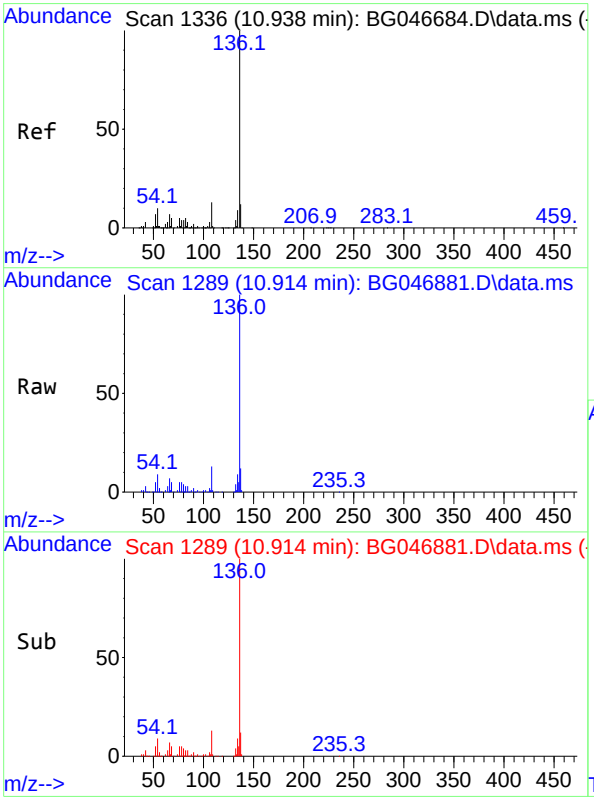


#7
Phenol-d6
Concen: 63.69 ng
RT: 7.253 min Scan# 666
Delta R.T. -0.003 min
Lab File: BG046881.D
Acq: 13 Oct 2020 19:45

Tgt Ion: 99 Resp: 383480

Ion	Ratio	Lower	Upper
99	100		
42	20.2	12.8	19.2#
71	41.2	24.6	36.8#

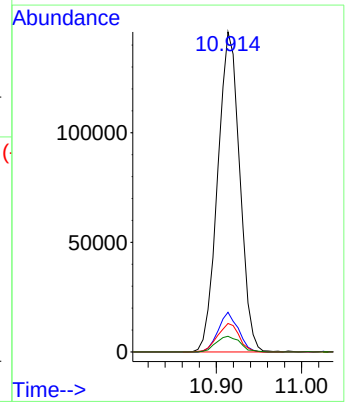




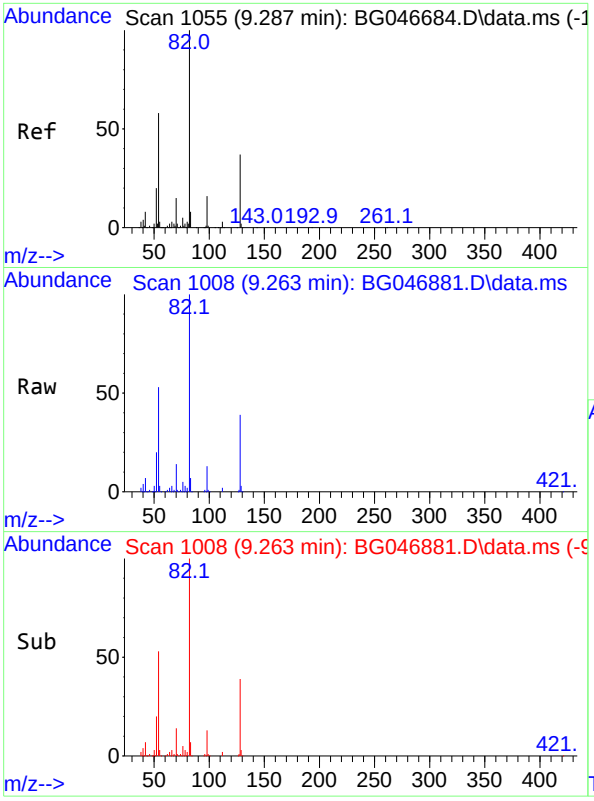
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.914 min Scan# 1289
Delta R.T. -0.009 min
Lab File: BG046881.D
Acq: 13 Oct 2020 19:45

Tgt Ion:136 Resp: 262298

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.1	13.7
54	8.9	6.2	9.4
68	4.9	5.0	7.4#



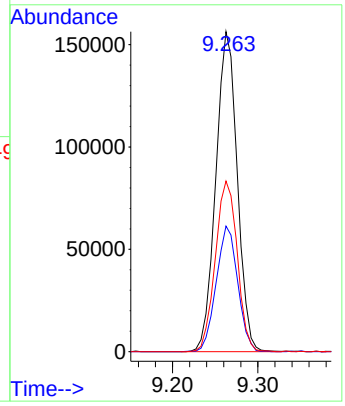
Instrument :
BNA_G
ClientSampleId :
HD-1

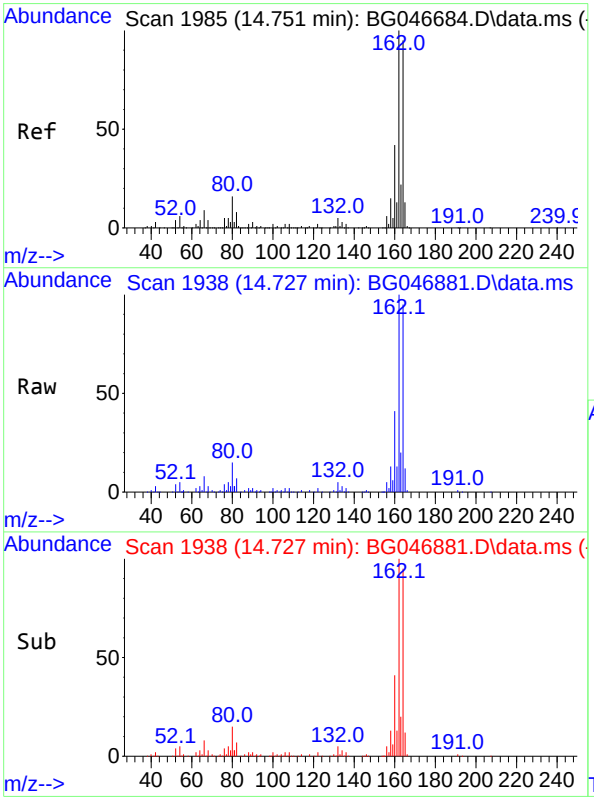


#23
Nitrobenzene-d5
Concen: 55.46 ng
RT: 9.263 min Scan# 1008
Delta R.T. -0.009 min
Lab File: BG046881.D
Acq: 13 Oct 2020 19:45

Tgt Ion: 82 Resp: 273453

Ion	Ratio	Lower	Upper
82	100		
128	39.2	37.0	55.6
54	53.3	39.0	58.4

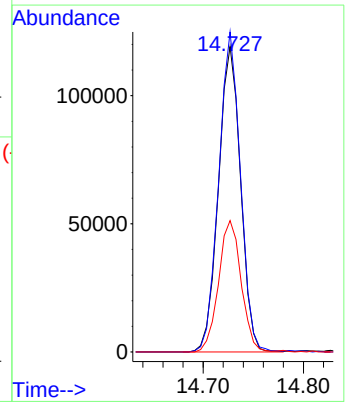




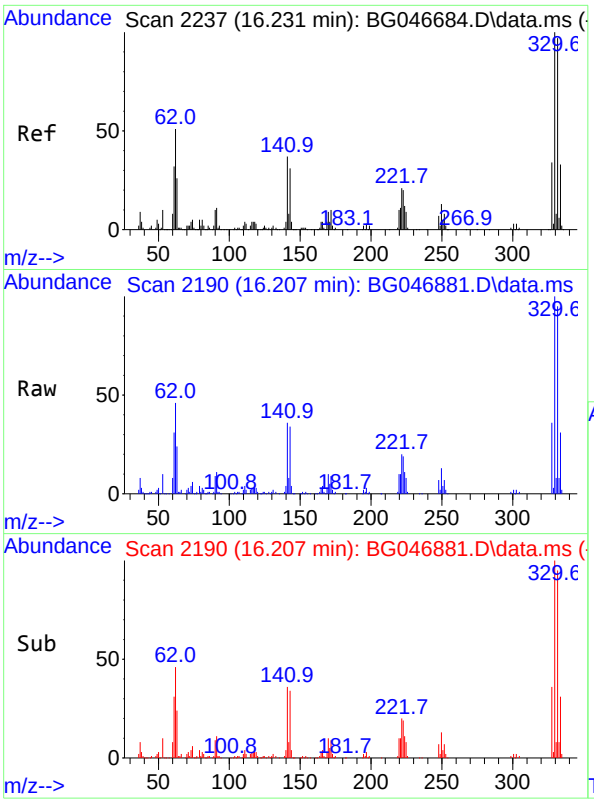
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.727 min Scan# 1938
Delta R.T. -0.009 min
Lab File: BG046881.D
Acq: 13 Oct 2020 19:45

Tgt Ion:164 Resp: 181921

Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.3	123.5
160	43.0	35.3	52.9



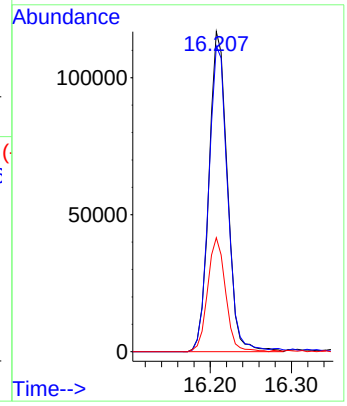
Instrument :
BNA_G
ClientSampleId :
HD-1

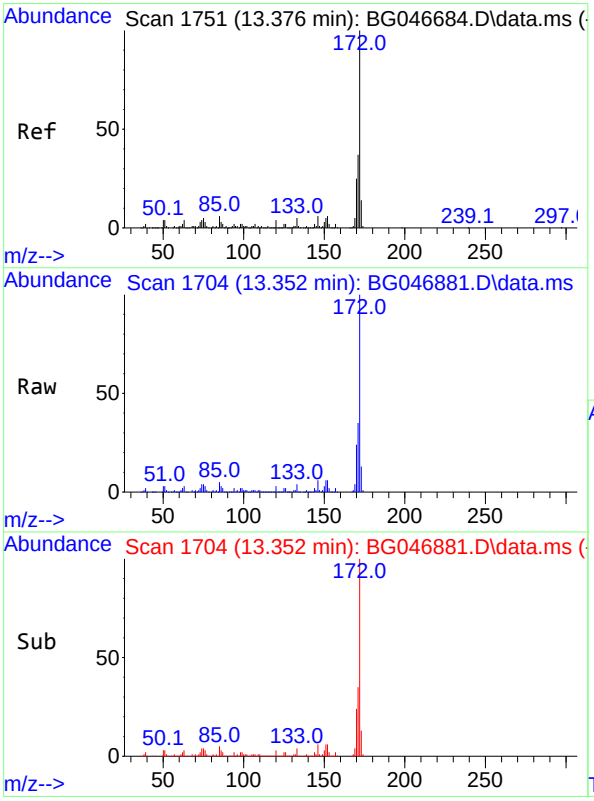


#42
2,4,6-Tribromophenol
Concen: 76.41 ng
RT: 16.207 min Scan# 2190
Delta R.T. -0.009 min
Lab File: BG046881.D
Acq: 13 Oct 2020 19:45

Tgt Ion:330 Resp: 183292

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.5	114.7
141	34.6	26.0	39.0

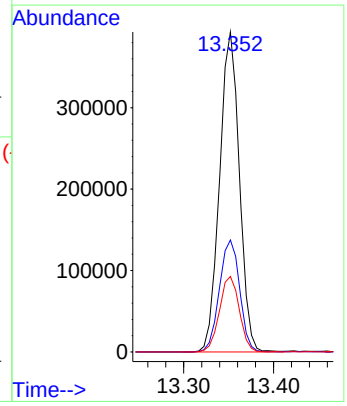




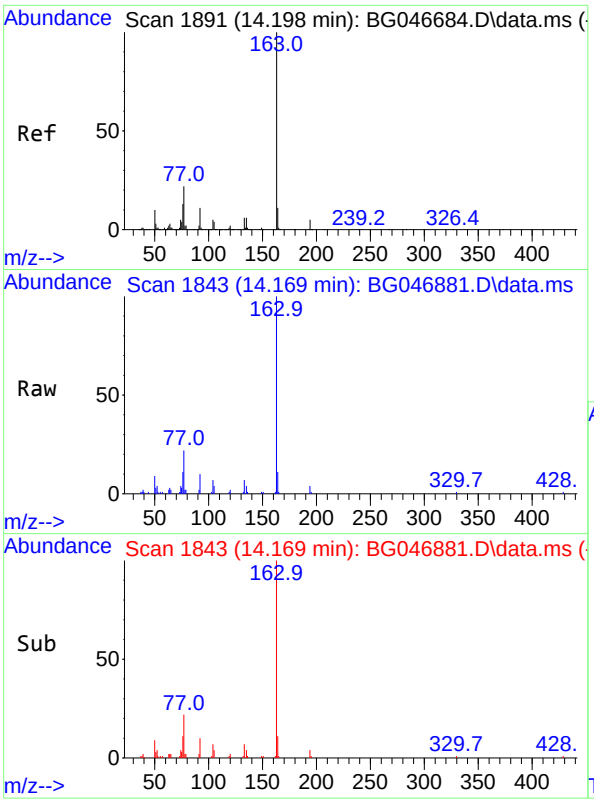
#45
2-Fluorobiphenyl
Concen: 46.81 ng
RT: 13.352 min Scan# 1704
Delta R.T. -0.009 min
Lab File: BG046881.D
Acq: 13 Oct 2020 19:45

Tgt Ion:172 Resp: 601547

Ion	Ratio	Lower	Upper
172	100		
171	35.0	31.3	46.9
170	23.6	20.8	31.2



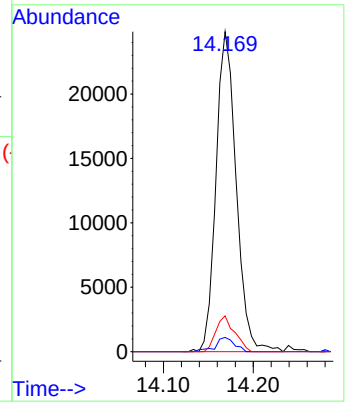
Instrument :
BNA_G
ClientSampleId :
HD-1

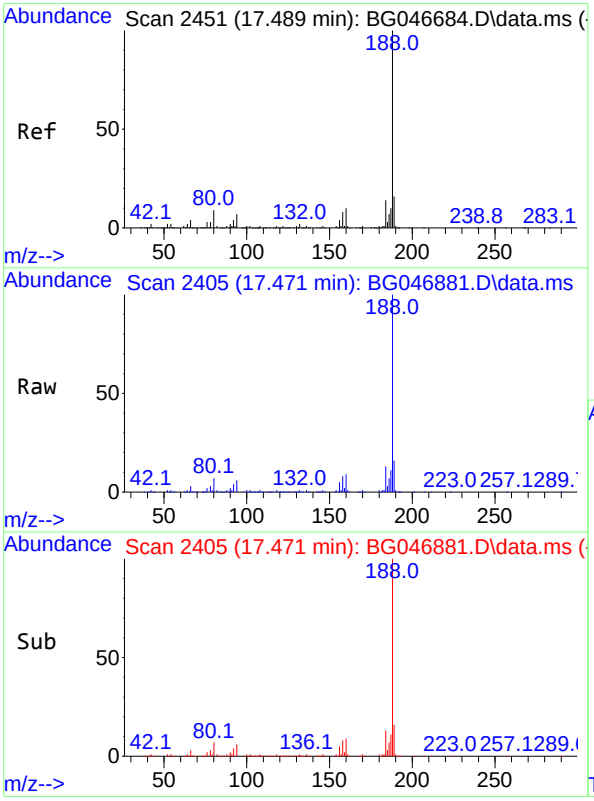


#50
Dimethylphthalate
Concen: 2.66 ng
RT: 14.169 min Scan# 1843
Delta R.T. -0.014 min
Lab File: BG046881.D
Acq: 13 Oct 2020 19:45

Tgt Ion:163 Resp: 38691

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.8	5.8
164	11.2	8.8	13.2

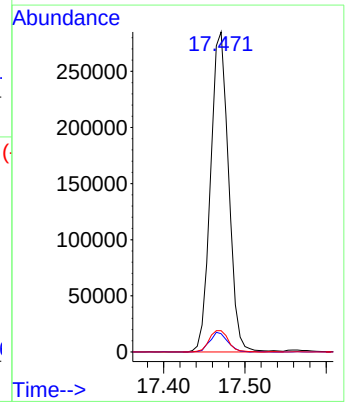




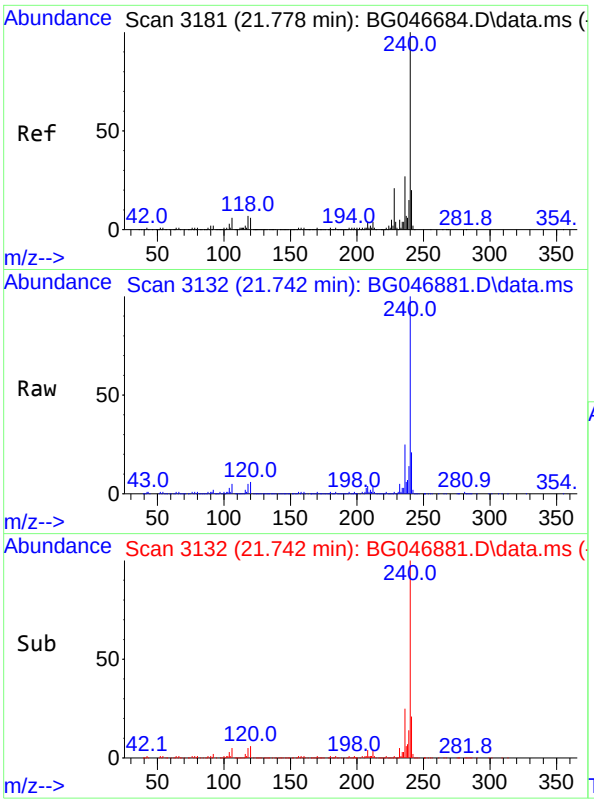
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.471 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BG046881.D
Acq: 13 Oct 2020 19:45

Tgt Ion:188 Resp: 438477

Ion	Ratio	Lower	Upper
188	100		
94	5.7	6.3	9.5#
80	6.7	7.0	10.6#



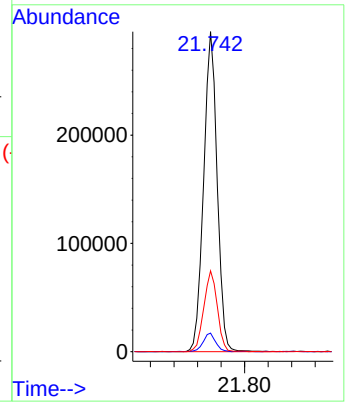
Instrument :
BNA_G
ClientSampleId :
HD-1

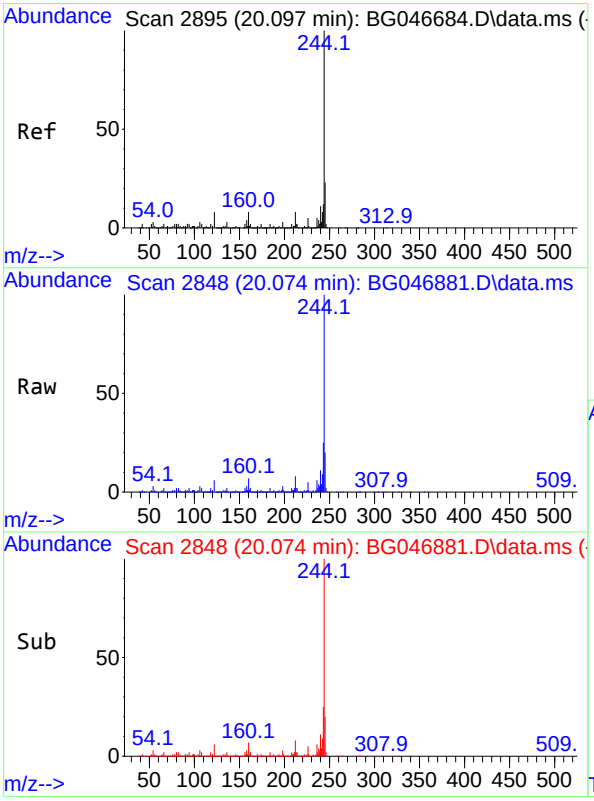


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.742 min Scan# 3132
Delta R.T. -0.014 min
Lab File: BG046881.D
Acq: 13 Oct 2020 19:45

Tgt Ion:240 Resp: 470693

Ion	Ratio	Lower	Upper
240	100		
120	5.8	6.2	9.4#
236	25.2	20.5	30.7

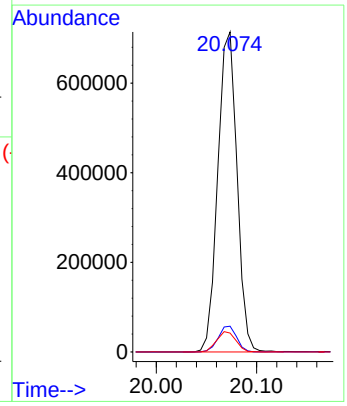




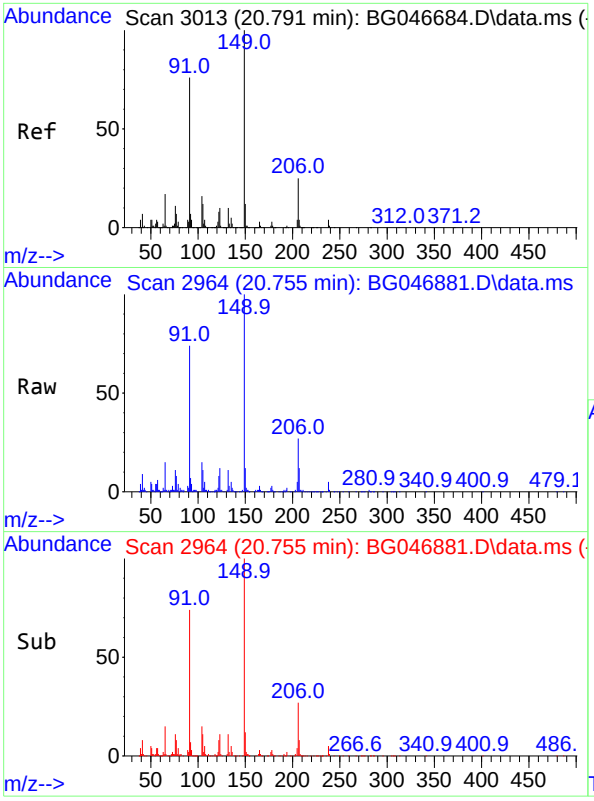
#79
Terphenyl-d14
Concen: 40.45 ng
RT: 20.074 min Scan# 2848
Delta R.T. -0.009 min
Lab File: BG046881.D
Acq: 13 Oct 2020 19:45

Tgt Ion:244 Resp: 950077

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.7	10.1
122	5.9	7.8	11.6#



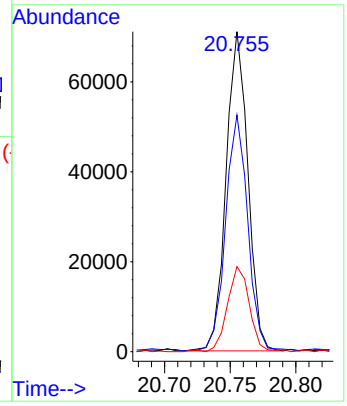
Instrument :
BNA_G
ClientSampleId :
HD-1

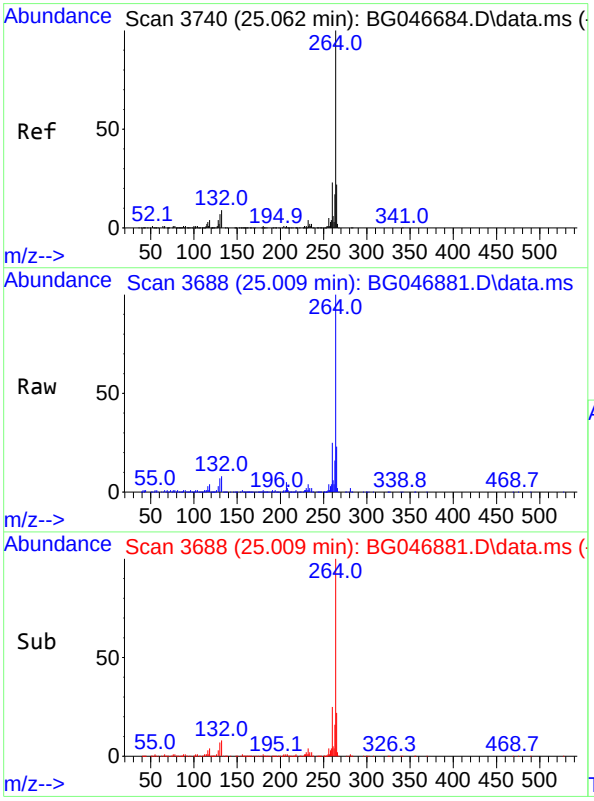


#80
Butylbenzylphthalate
Concen: 6.99 ng
RT: 20.755 min Scan# 2964
Delta R.T. -0.014 min
Lab File: BG046881.D
Acq: 13 Oct 2020 19:45

Tgt Ion:149 Resp: 81782

Ion	Ratio	Lower	Upper
149	100		
91	74.0	51.5	77.3
206	26.6	21.2	31.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.009 min Scan# 3688
Delta R.T. -0.020 min
Lab File: BG046881.D
Acq: 13 Oct 2020 19:45

Tgt Ion:264 Resp: 468452

Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.8	28.2
265	22.6	17.8	26.8