Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
Data File : BG046871.D
Acq On : 13 Oct 2020 10:34
Operator : CG/JU
Sample : L4291-04RE
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PAV-B4-100620-0-10

Quant Time: Oct 13 11:23:12 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	8.102	152	79989	20.00	ng	0.00
21) Naphthalene-d8	10.917	136	304413	20.00	ng	0.00
39) Acenaphthene-d10	14.724	164	217644	20.00	ng	-0.01
64) Phenanthrene-d10	17.468	188	569825	20.00	ng	#-0.01
76) Chrysene-d12	21.739	240	625110	20.00	ng	#-0.02
86) Perylene-d12	25.012	264	618281	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.664	112	185827	37.22	ng	0.00
7) Phenol-d6	7.250	99	225652	32.04	ng	0.00
23) Nitrobenzene-d5	9.260	82	228774	39.98	ng	-0.01
42) 2,4,6-Tribromophenol	16.211	330	163120	56.84	ng	0.00
45) 2-Fluorobiphenyl	13.349	172	522458	33.98	ng	-0.01
79) Terphenyl-d14	20.071	244	1094771	35.10	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.250	77	594	Below Cal	#	21
19) n-Nitroso-di-n-propyla...	9.266	70	31998	6.63	ng	# 71
32) Benzoic acid	10.206	122	210	6.40	ng	# 1
51) 2,6-Dinitrotoluene	14.724	165	27100	9.59	ng	# 35
57) 2,4-Dinitrotoluene	14.724	165	27100	7.24	ng	# 34

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

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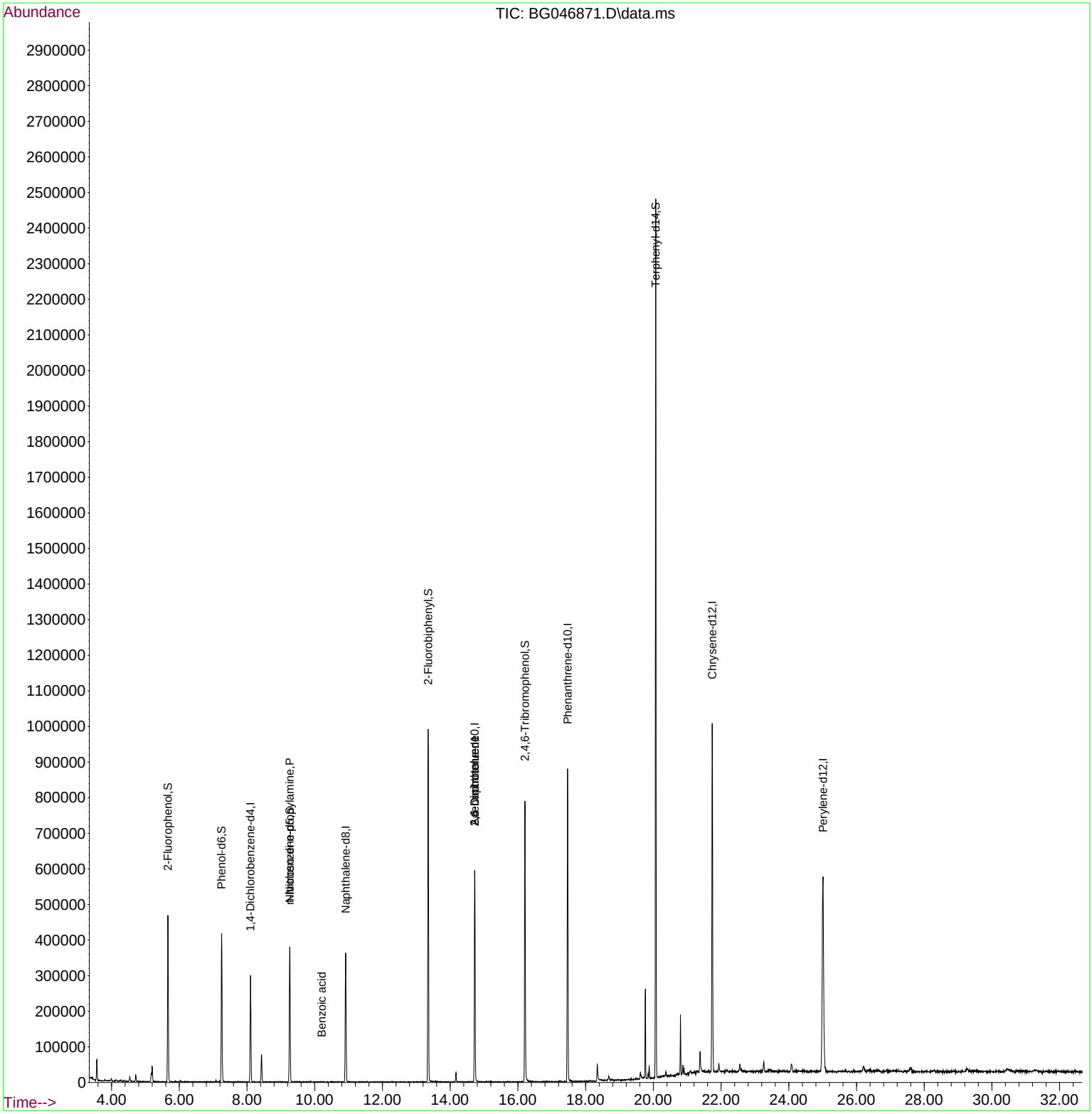
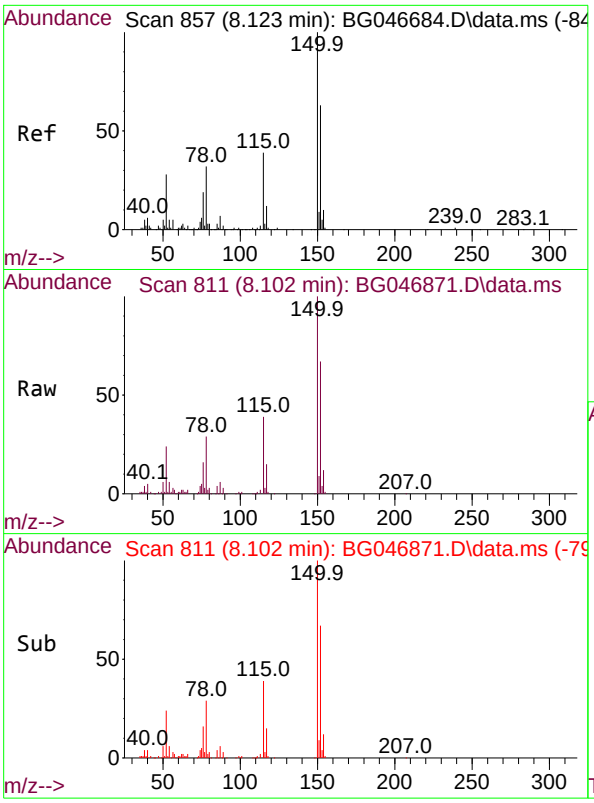


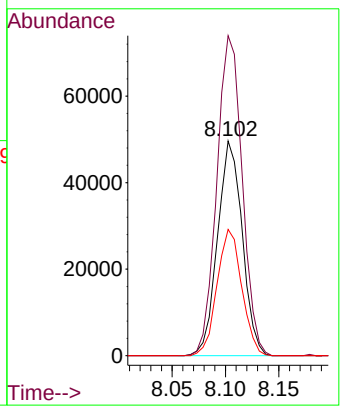
Instrument :
BNA_G
ClientSampleId :
PAV-B4-100620-0-10

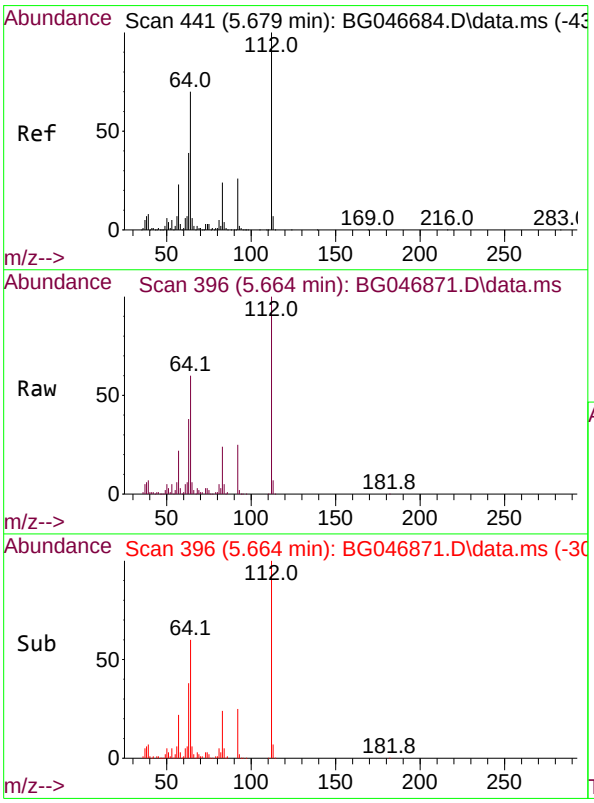


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.102 min Scan# 811
Delta R.T. -0.006 min
Lab File: BG046871.D
Acq: 13 Oct 2020 10:34

Tgt Ion:152 Resp: 79989

Ion	Ratio	Lower	Upper
152	100		
150	149.0	125.0	187.6
115	58.8	41.8	62.6

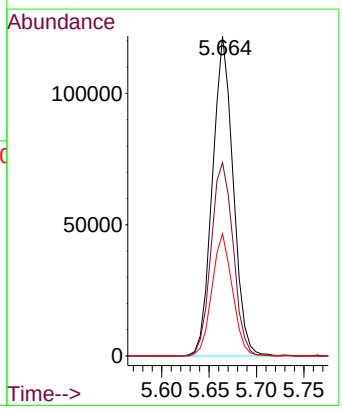


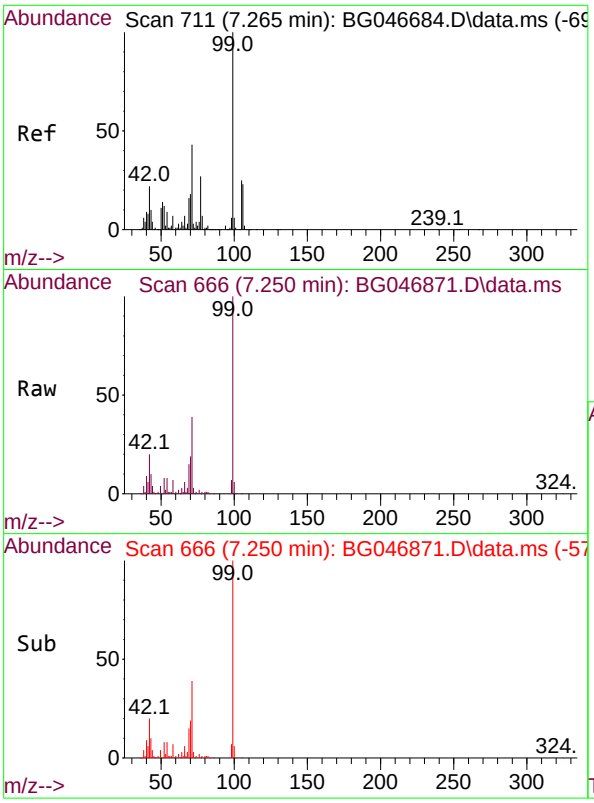


#5
2-Fluorophenol
Concen: 37.22 ng
RT: 5.664 min Scan# 396
Delta R.T. -0.005 min
Lab File: BG046871.D
Acq: 13 Oct 2020 10:34

Tgt Ion:112 Resp: 185827

Ion	Ratio	Lower	Upper
112	100		
64	60.4	46.7	70.1
63	38.3	22.8	34.2#

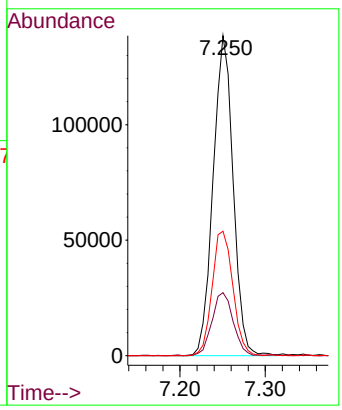




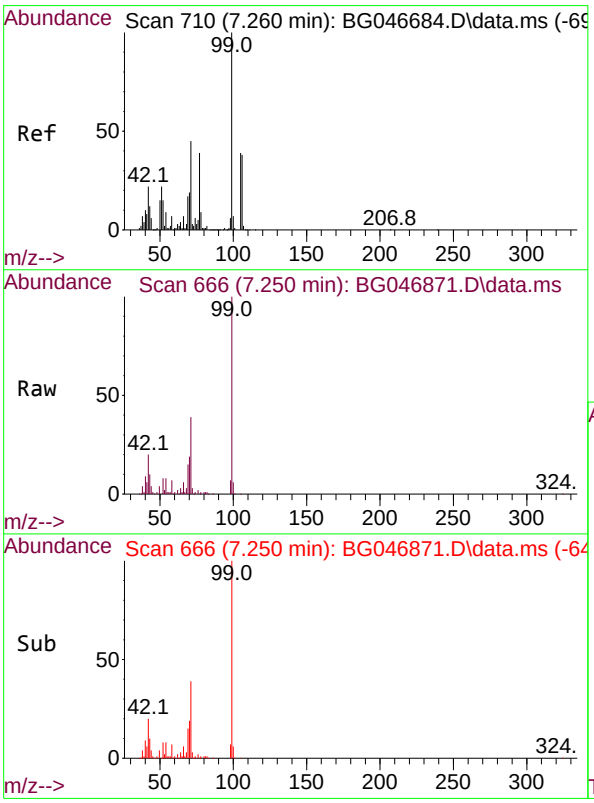
#7
Phenol-d6
Concen: 32.04 ng
RT: 7.250 min Scan# 666
Delta R.T. -0.005 min
Lab File: BG046871.D
Acq: 13 Oct 2020 10:34

Tgt Ion: 99 Resp: 225652

Ion	Ratio	Lower	Upper
99	100		
42	19.7	12.8	19.2#
71	38.9	24.6	36.8#



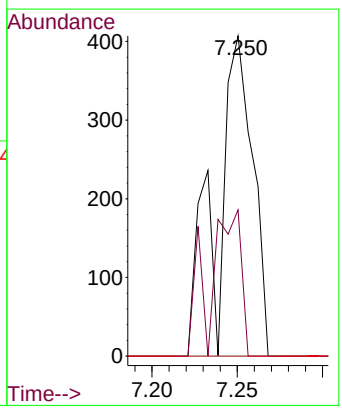
Instrument :
BNA_G
ClientSampleId :
PAV-B4-100620-0-10



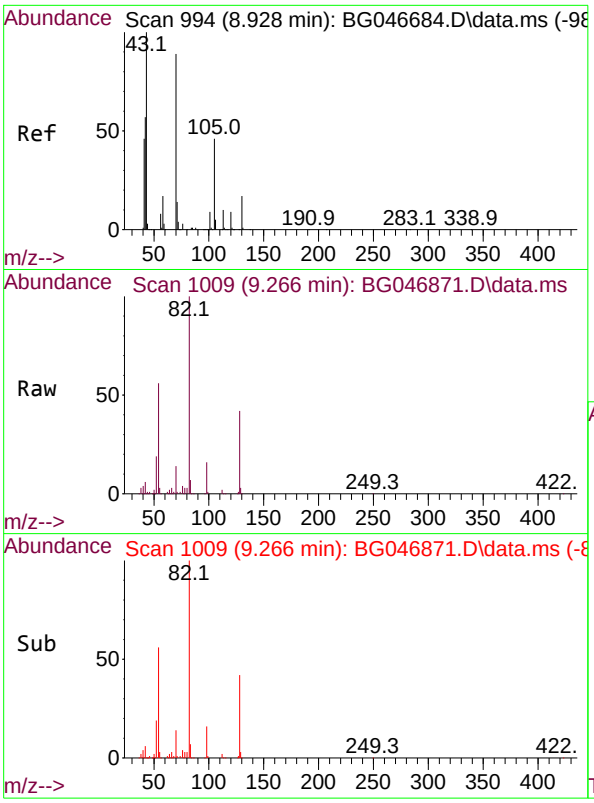
#9
Benzaldehyde
Concen: Below Cal
RT: 7.250 min Scan# 666
Delta R.T. 0.006 min
Lab File: BG046871.D
Acq: 13 Oct 2020 10:34

Tgt Ion: 77 Resp: 594

Ion	Ratio	Lower	Upper
77	100		
105	45.7	85.9	125.9#
106	0.0	80.9	120.9#



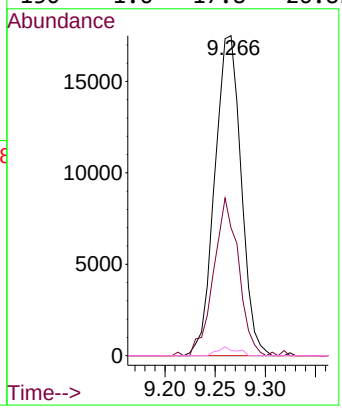
Instrument :
BNA_G
ClientSampleId :
PAV-B4-100620-0-10

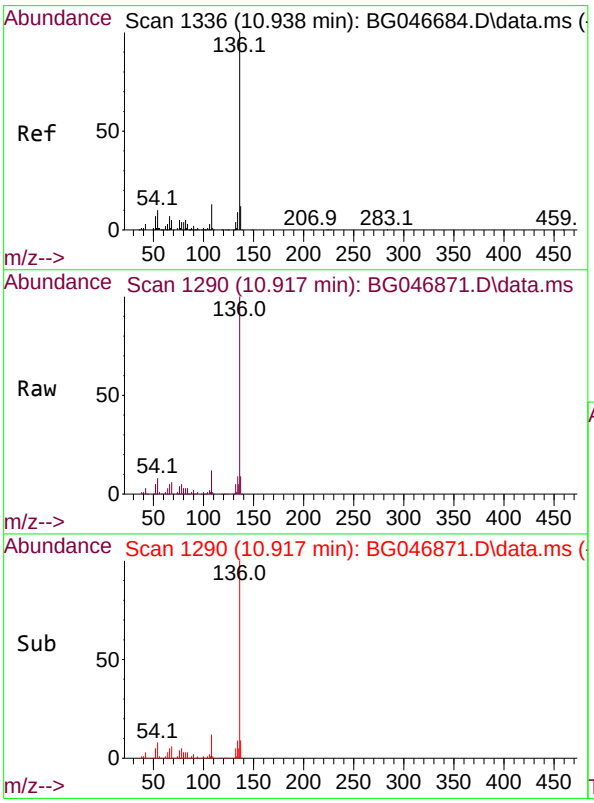


#19
n-Nitroso-di-n-propylamine
Concen: 6.63 ng
RT: 9.266 min Scan# 1009
Delta R.T. 0.353 min
Lab File: BG046871.D
Acq: 13 Oct 2020 10:34

Tgt Ion: 70 Resp: 31998

Ion	Ratio	Lower	Upper
70	100		
42	40.0	45.6	68.4#
101	0.0	8.4	12.6#
130	1.6	17.8	26.8#

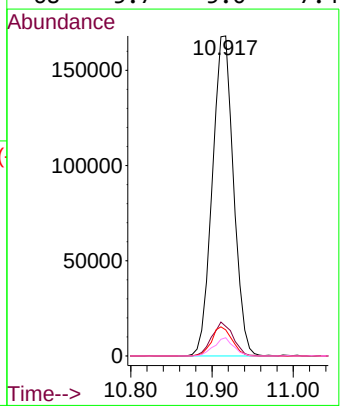




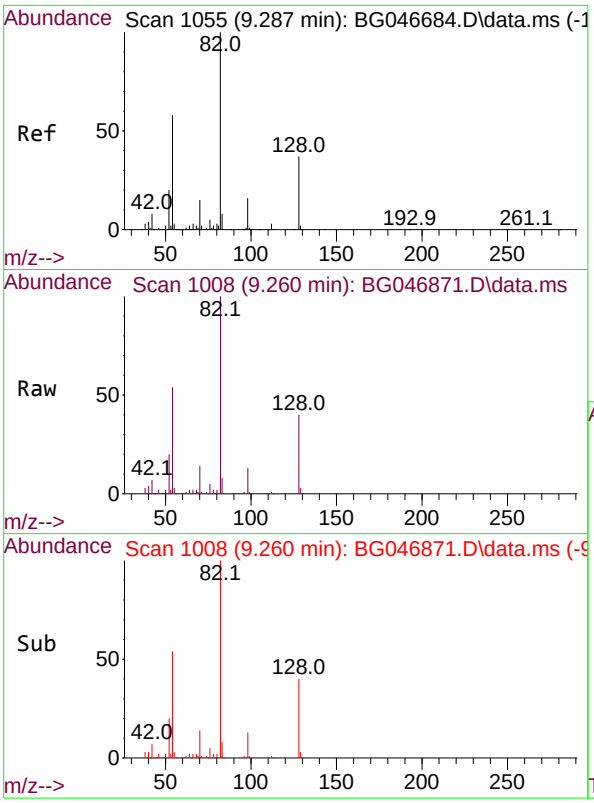
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.917 min Scan# 1290
Delta R.T. -0.005 min
Lab File: BG046871.D
Acq: 13 Oct 2020 10:34

Tgt Ion:136 Resp: 304413

Ion	Ratio	Lower	Upper
136	100		
137	9.3	9.1	13.7
54	8.1	6.2	9.4
68	5.7	5.0	7.4



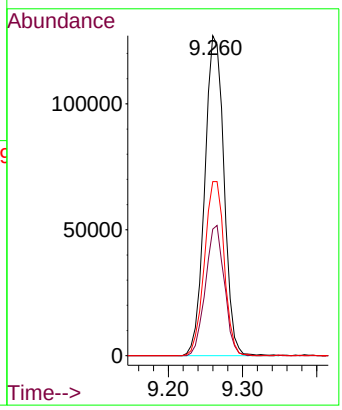
Instrument :
BNA_G
ClientSampleId :
PAV-B4-100620-0-10

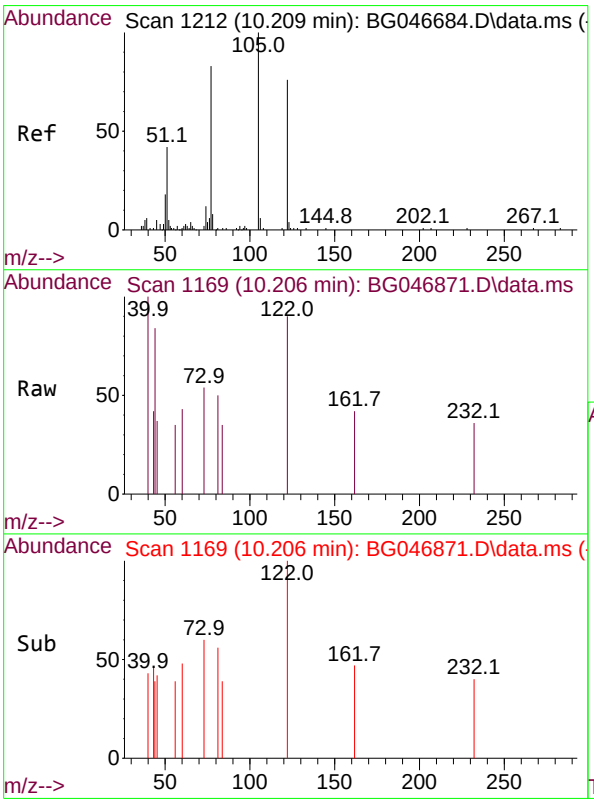


#23
Nitrobenzene-d5
Concen: 39.98 ng
RT: 9.260 min Scan# 1008
Delta R.T. -0.011 min
Lab File: BG046871.D
Acq: 13 Oct 2020 10:34

Tgt Ion: 82 Resp: 228774

Ion	Ratio	Lower	Upper
82	100		
128	39.6	37.0	55.6
54	54.4	39.0	58.4

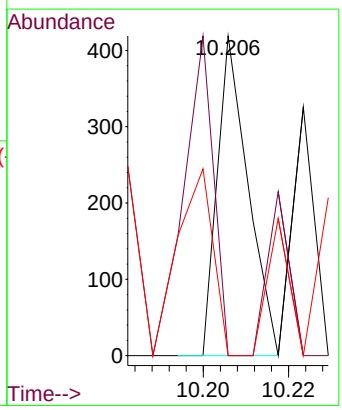




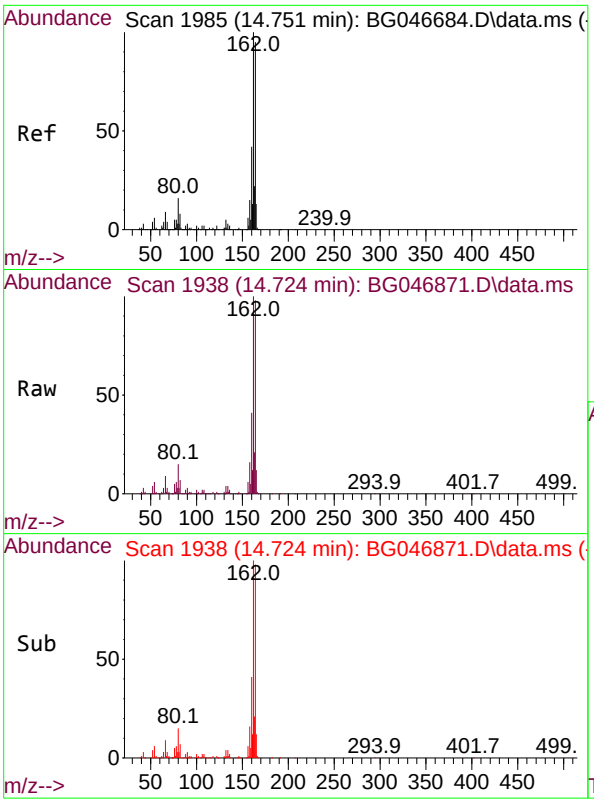
#32
Benzoic acid
Concen: 6.40 ng
RT: 10.206 min Scan# 1169
Delta R.T. 0.012 min
Lab File: BG046871.D
Acq: 13 Oct 2020 10:34

Tgt Ion:122 Resp: 210

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.7	143.7#
77	0.0	63.0	103.0#



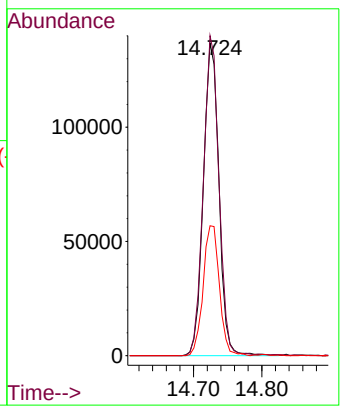
Instrument :
BNA_G
ClientSampleId :
PAV-B4-100620-0-10

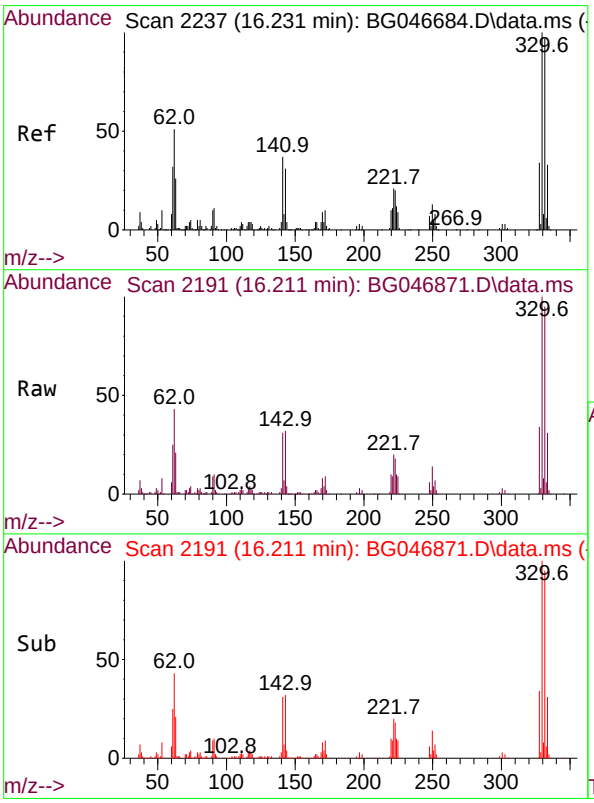


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.724 min Scan# 1938
Delta R.T. -0.011 min
Lab File: BG046871.D
Acq: 13 Oct 2020 10:34

Tgt Ion:164 Resp: 217644

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.3	123.5
160	41.6	35.3	52.9

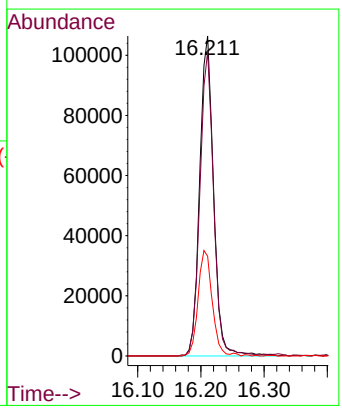




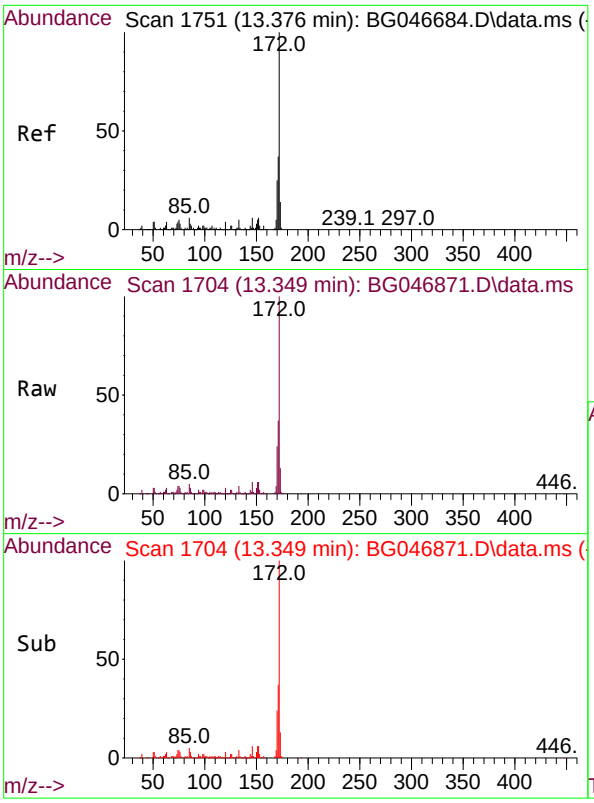
#42
2,4,6-Tribromophenol
Concen: 56.84 ng
RT: 16.211 min Scan# 2191
Delta R.T. -0.005 min
Lab File: BG046871.D
Acq: 13 Oct 2020 10:34

Tgt Ion:330 Resp: 163120

Ion	Ratio	Lower	Upper
330	100		
332	93.7	76.5	114.7
141	33.5	26.0	39.0



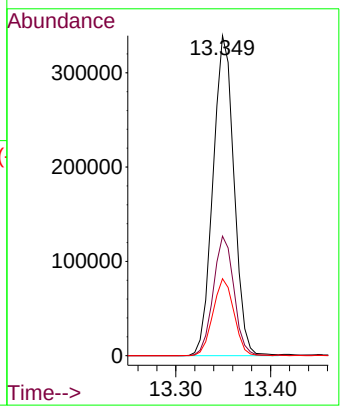
Instrument :
BNA_G
ClientSampleId :
PAV-B4-100620-0-10

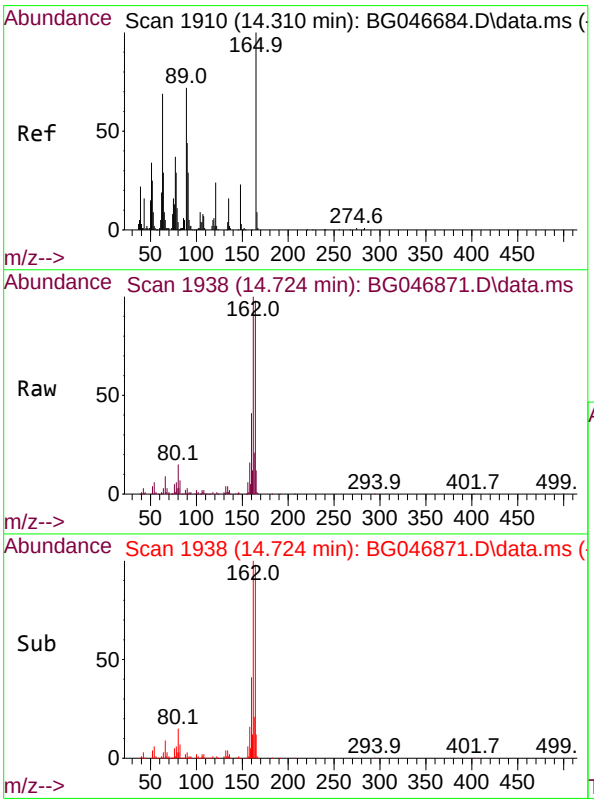


#45
2-Fluorobiphenyl
Concen: 33.98 ng
RT: 13.349 min Scan# 1704
Delta R.T. -0.011 min
Lab File: BG046871.D
Acq: 13 Oct 2020 10:34

Tgt Ion:172 Resp: 522458

Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.3	46.9
170	24.1	20.8	31.2

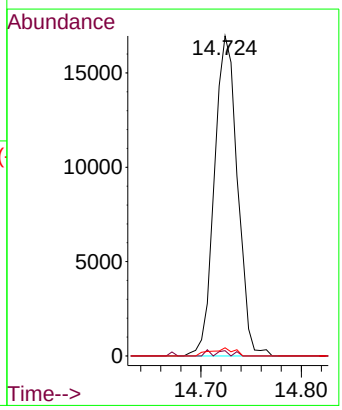




#51
2,6-Dinitrotoluene
Concen: 9.59 ng
RT: 14.724 min Scan# 1938
Delta R.T. 0.423 min
Lab File: BG046871.D
Acq: 13 Oct 2020 10:34

Tgt Ion:165 Resp: 27100

Ion	Ratio	Lower	Upper
165	100		
63	1.6	33.7	50.5#
89	2.5	36.6	54.8#



Instrument :
BNA_G
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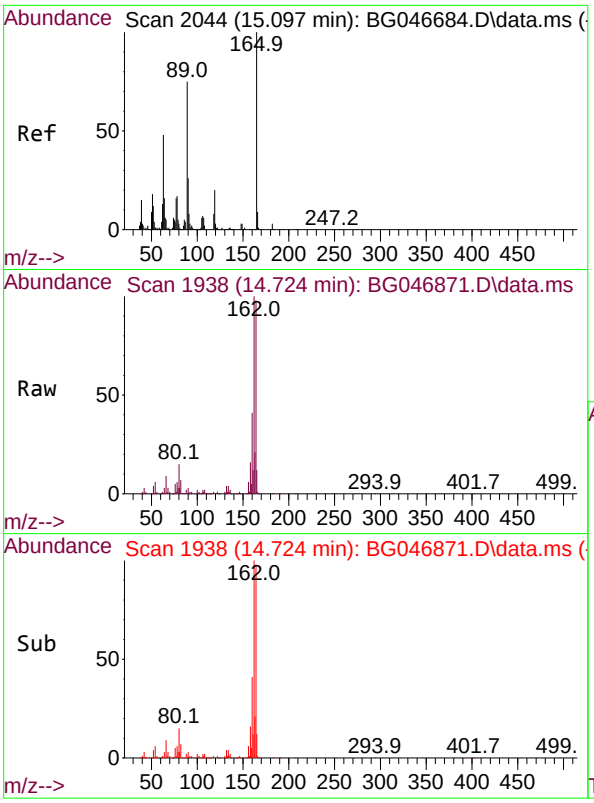
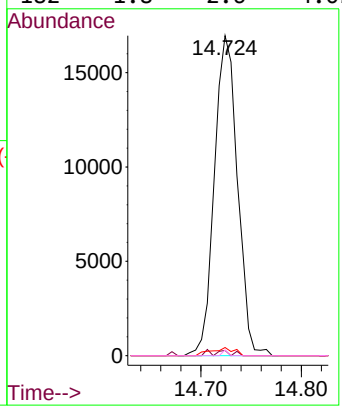
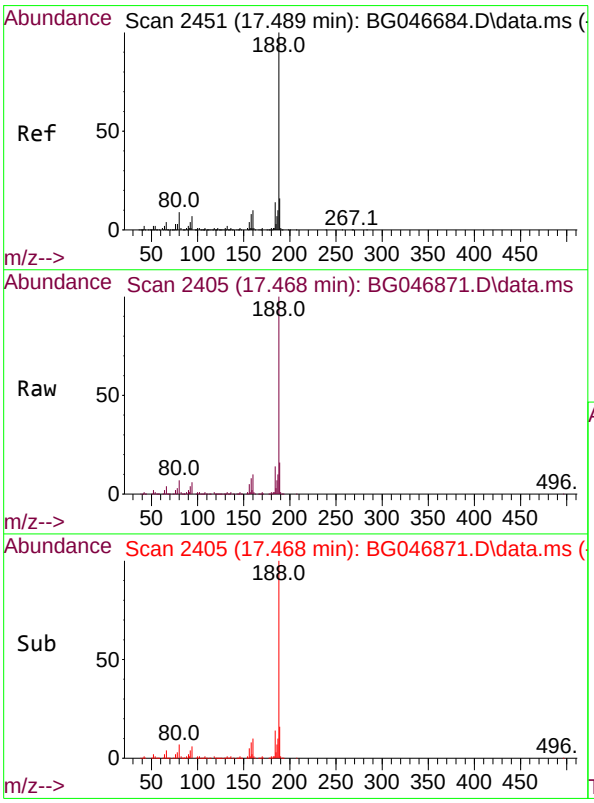


#57
2,4-Dinitrotoluene
Concen: 7.24 ng
RT: 14.724 min Scan# 1938
Delta R.T. -0.358 min
Lab File: BG046871.D
Acq: 13 Oct 2020 10:34

Tgt Ion:165 Resp: 27100

Ion	Ratio	Lower	Upper
165	100		
63	1.6	26.4	39.6#
89	2.5	47.8	71.8#
182	1.8	2.6	4.0#

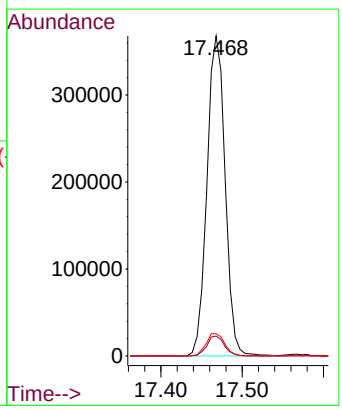




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.468 min Scan# 2405
Delta R.T. -0.011 min
Lab File: BG046871.D
Acq: 13 Oct 2020 10:34

Tgt Ion:188 Resp: 569825

Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.3	9.5#
80	6.9	7.0	10.6#



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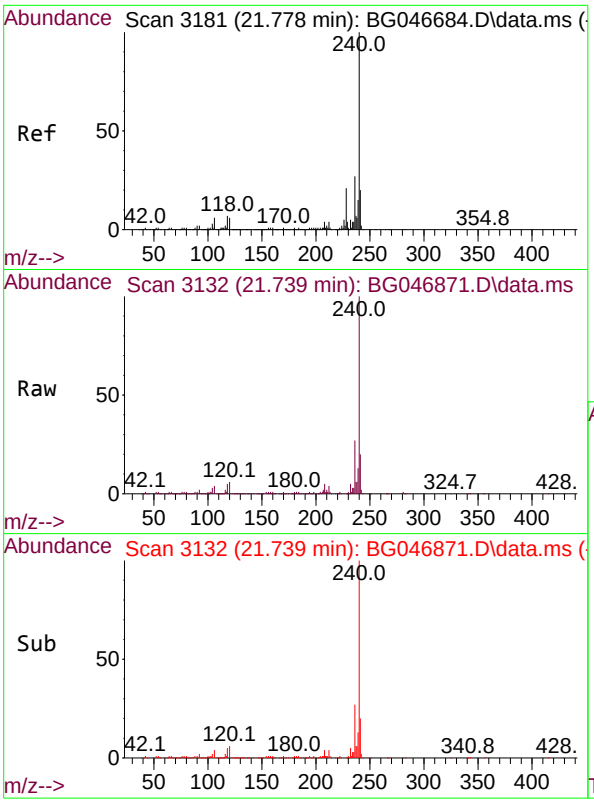
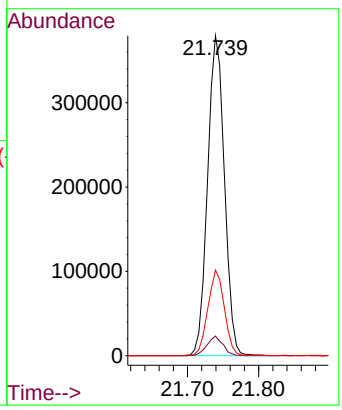
PAV-B4-100620-0-10

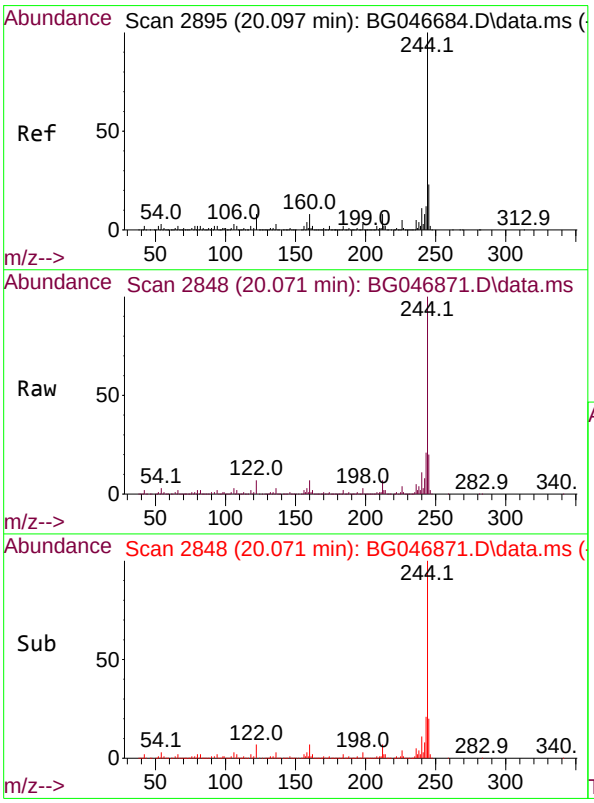


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.739 min Scan# 3132
Delta R.T. -0.017 min
Lab File: BG046871.D
Acq: 13 Oct 2020 10:34

Tgt Ion:240 Resp: 625110

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.2	9.4#
236	26.7	20.5	30.7

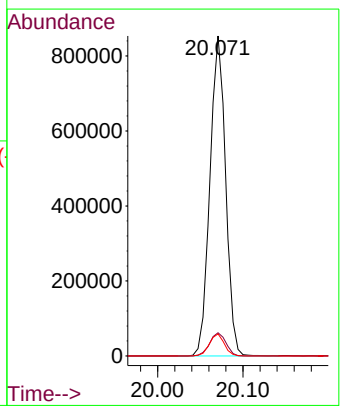


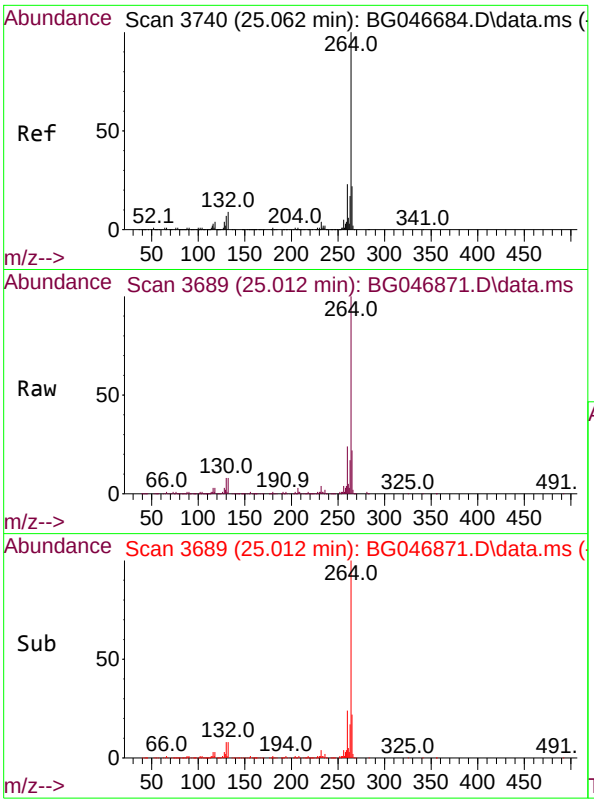


#79
Terphenyl-d14
Concen: 35.10 ng
RT: 20.071 min Scan# 2848
Delta R.T. -0.011 min
Lab File: BG046871.D
Acq: 13 Oct 2020 10:34

Tgt Ion:244 Resp: 1094771

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.7	10.1
122	6.9	7.8	11.6#

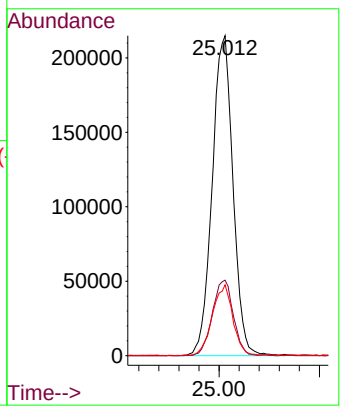




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.012 min Scan# 3689
Delta R.T. -0.017 min
Lab File: BG046871.D
Acq: 13 Oct 2020 10:34

Tgt Ion:264 Resp: 618281

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	22.1	17.8	26.8



Instrument :
BNA_G
ClientSampleId :
PAV-B4-100620-0-10